Revised PCB Cleanup Plan
Special Area 13
Dredge Spoil Disposal Area

May 2025

Prepared for:

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
625 Broadway
Albany, New York 12233

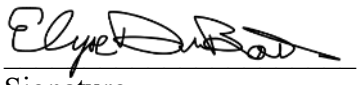
Prepared by:

ECOLOGY AND ENVIRONMENT ENGINEERING AND GEOLOGY, P.C.
40 La Riviere Drive
Buffalo, New York 14202

©2025 Ecology and Environment Engineering and Geology, P.C.

CERTIFICATION

This certification, prepared in accordance with Title 40 of the Code of Federal Regulations 761.61, certifies that the New York State Department of Environmental Conservation (NYSDEC) is performing the cleanup of the Special Area 13 (SA-13) Dredge Spoils Disposal Site (Second and Third Fill Areas). NYSDEC provides this certification in accordance with 40 CFR 761.61(a)(3)(i)(e) and hereby certifies, to the best of its knowledge, information and belief, that all sampling plans, sample collection procedures, sample preparation procedures, extraction procedures, and instrumental/chemical analysis procedures used to assess or characterize the PCB contamination at the SA-13 site, are on file at 625 Broadway, Albany, NY 12233, and are available for EPA inspection. These files are also available in NYSDEC's Environmental Remediation Database – DECInfoLocator (https://extapps.dec.ny.gov/cfmx/extapps/derexternal/haz/details.cfm?ProgNo=546041).



Signature

3/18/2024

Date

CERTIFICATION

This certification, prepared in accordance with Title 40 of the Code of Federal Regulations 761.61, certifies that the New York State Department of Environmental Conservation (NYSDEC) is performing the cleanup of the Special Area 13 (SA-13) Dredge Spoils Disposal Site (Second and Third Fill Areas). NYSDEC provides this certification in accordance with 40 CFR 761.61(a)(3)(i)(e) and hereby certifies, to the best of its knowledge, information and belief, that all sampling plans, sample collection procedures, sample preparation procedures, extraction procedures, and instrumental/chemical analysis procedures used to assess or characterize the PCB contamination at the SA-13 site, are on file at 625 Broadway, Albany, NY 12233, and are available for EPA inspection. These files are also available in NYSDEC's Environmental Remediation Database – DECInfoLocator (https://extapps.dec.ny.gov/cfmx/extapps/derexternal/haz/details.cfm?ProgNo=546041).

Signature

12/21/2024
Date

Mailing Address:

5810 Blue Claw Court
Rock Hall, MD 21661

Return This Copy to the NYSDEC in the Postage-Paid Envelope Provided

Table of Contents

Section			Page
	Certification		**i**
1	**Introduction**		**1-1**
	1.1	Cleanup Plan Objectives	1-1
2	**Site Background**		**2-1**
	2.1	Site Description	2-1
		2.1.1 Main Dredge Disposal Cell	2-1
		2.1.2 First Fill Area	2-2
		2.1.3 Second Fill Area	2-2
		2.1.4 Third Fill Area	2-2
	2.2	Investigation and Delineation Activities	2-2
		2.2.1 Soil Sampling	2-3
		2.2.2 Groundwater Sampling	2-3
		2.2.3 Sample Analysis	2-4
3	**Sample Results and Risk Evaluation**		**3-1**
	3.1	Data Evaluation	3-1
	3.2	Sample Results	3-1
		3.2.1 Surface Soil	3-2
		3.2.2 Subsurface Soil	3-2
		3.2.3 Groundwater	3-2
	3.3	Qualitative Risk Assessment	3-2
		3.3.1 Surface Water Flow	3-2
		3.3.2 Infiltration	3-3
		3.3.3 Human Health Risk Evaluation	3-3
		3.3.4 Ecological Risk Assessment	3-4
4	**Description of PCB Cleanup Approach**		**4-1**
	4.1	Second Fill Area	4-1
	4.2	Third Fill Area	4-3
	4.3	Management of PCB-Affected Media	4-5
	4.4	Health and Safety	4-6
		4.4.1 Health and Safety Plan	4-6
		4.4.2 Community Air Monitoring Plan	4-6
		4.4.3 Waste Characterization and Profiling	4-6

Table of Contents (cont.)

Section **Page**

4.5 Decontamination 4-7
4.6 Environmental Notice 4-7
4.7 Green Remediation 4-8

5 Monitoring and Maintenance of Engineering Controls 5-1
5.1 Site Management Plan 5-1

6 References 6-1

Appendix

A Record of Decision A-1

B 2023 Groundwater Sampling Analytical Data B-1

C Pathway Analysis Report C-1

List of Tables

Table

3-1 Summary of Total PCB Concentrations, Surface Soil, Second Fill Area

3-2 Summary of Total PCB Concentrations, Surface Soil, Third Fill Area

3-3 Summary of Total PCB Concentrations, Borehole Subsurface Soil, Second Fill Area

3-4 Summary of Total PCB Concentrations, Test Pit Subsurface Soil, Second Fill Area

3-5 Summary of Total PCB Concentrations, Subsurface Soil, Third Fill Area

3-6 Summary of Analytical Results for Groundwater Special Area 13 Dredge Spoils Disposal Area

List of Figures

Figure

1-1 Site Location Map, Special Area 13 Dredge Disposal Area

1-2 Extent of Contamination, Special Area 13, Moreau, New York

1-3 Second Fill Area Cover, Special Area 13, Moreau, New York

1-4 Third Fill Area Excavation Area, Special Area 13, Moreau, New York

1-4 Third Fill Area Excavation Area, Special Area 13, Moreau, New York

3-1 Surface Soil Locations and Results, Special Area 13 – Second Fill Area, Moreau, New York

3-2 Surface Soil Locations and Results, Special Area 13 – Third Fill Area, Moreau, New York

3-3 Boreholes, Monitoring Wells, and Test Pit Locations and Results, Special Area 13 – Second Fill Area, Moreau, New York

3-4 Boreholes Locations and Results, Special Area 13 – Third Fill Area, Moreau, New York

List of Abbreviations and Acronyms

BGS	below ground surface
CFR	Code of Federal Regulations
DER	Division of Remediation
E & E	Ecology and Environment Engineering and Geology, P.C.
EPA	U.S. Environmental Protection Agency
FS	feasibility study
HASP	health and safety plan
LTGM	Long-term Groundwater Monitoring
NHP	(New York State) Natural Heritage Program
NYCRR	New York Codes, Rules, and Regulations
NYS	New York State
NYSDEC	New York State Department of Environmental Conservation
NYSDOT	New York State Department of Transportation
OSHA	Occupational Health and Safety Administration
PCB	polychlorinated biphenyl
ppm	part per million
RI	remedial investigation
ROD	Record of Decision
SA-13	Special Area 13 Dredge Spoil Disposal Area
SCO	soil cleanup objective
SMP	site management plan
TOC	total organic carbon
TSCA	Toxic Substances Control Act
USACE	U.S. Army Corps of Engineers
USFWS	U.S. Fish and Wildlife

1 Introduction

On behalf of the New York State Department of Environmental Conservation (NYSDEC), Ecology and Environment Engineering and Geology, P.C. (E & E) has prepared this hybrid Self-Implementing cleanup plan to address polychlorinated biphenyls (PCBs) contaminated soils present at the Special Area 13 Dredge Spoil Disposal Area (SA-13) site, NYSDEC Site No. 546041, a Class 2 inactive hazardous waste disposal site. The SA-13 site is located along the western shore of the Hudson River in the town of Moreau, Saratoga County, New York (see Figure 1-1). This plan presents the results of previous site investigations performed to characterize PCB contamination at the site and describes the proposed remedial activities to address site contamination.

1.1 Cleanup Plan Objectives

The objective of this hybrid self-implementing plan is to describe the Department's approach to remediate PCBs that remain on site at concentrations that exceed the NYSDEC Soil Cleanup Objective (SCO) for commercial and residential use of one ppm (NYSDEC 2006a) as described in the Record of Decision (ROD). To achieve this objective, the plan documents previous investigations, including the remedial investigation (RI) completed prior to issuance of the ROD by NYSDEC.

NYSDEC's December 2012 ROD determined the remedial actions for the different areas of the site (see Appendix A). This Plan describes the remedies defined in the ROD for areas of the site where current surficial PCB concentrations exceed one part per million (ppm) for the commercial portions of the site (Second Fill Area) and for the removal of PCB-contaminated soils above one ppm in the residential portions of the site (Third Fill Area). See Figure 1-2 for extent of these areas. This includes the excavation and off-site disposal of PCB-contaminated soils above 50 ppm and installation of a soil cover in the Second Fill Area, and excavation and off-site disposal of PCB-contaminated soils from the Third Fill Area. Remedial activities were previously performed at the Main Dredge Disposal Area and the First Fill Area, and as such those areas are not included as part of this Plan.

The remedial action goal for the Second Fill Area is to remediate and restore the PCB affected area for low occupancy use as defined by 40 CFR 761.3. The following actions will be performed to achieve this goal:

- Excavation and off-site disposal of PCB-contaminated soils above 50 ppm (see Figure 1-3) in accordance with 40 CFR 761.61(a)(5)(i)(B)(2)(iii);
- Installation of a clean soil cover over the uncovered portions (see Figure 1-3) of the site to prevent contact with remaining PCB contaminated soils and limit soil erosion;
- Installation of a fence and appropriate signage around the area in accordance with 40 CFR 761.61(a)(4)(i)(B)(2);
- Implementation of a Site Management Plan (SMP) including operations, maintenance, and monitoring of engineering controls and institutional controls; and
- Filing of an Environmental Notice (EN) that meets the requirements of 40 CFR 761.61(a)(8) to limit future use of the site to low occupancy use as defined in 40 CFR 761.3.

The remedial action goal for the Third Fill Area is to remediate and restore the PCB affected areas for residential use. The following actions will be performed to achieve this goal:

- Excavation of all site soils with PCB concentrations above the NYSDEC residential SCO of one ppm (see Figure 1-4);
- Post-excavation verification sampling to confirm that the SCO has been met at all vertical and horizontal extents of the remedial area (see Figure 1-4);
- Backfill of the excavated area with clean fill and topsoil meeting NYSDEC requirements for residential use; and
- Restoration of the affected areas in kind.

2 Site Background

2.1 Site Description

The SA-13 site is located along the western shore of the Hudson River approximately 1,200 feet south of Champlain Canal Lock 7 and near Buoy 219 that marks the western margin of the navigation channel of the Champlain Canal within the Hudson River. The site consists of four distinct areas over approximately 25.3 acres (see Figure 1-2).

A series of unlined, transient settling basin and baffle systems were constructed at the main part of this site by the NYSDOT and were used to dewater and hold dredge spoil material removed from the Champlain Canal/Hudson River navigation channel south of Champlain Canal Lock 7 in conjunction with routine and emergency maintenance dredging operations of the Canal System. Available NYSDOT records report that the site was used between 1952 and 1979 for the disposal of up to 802,000 cubic yards of dredge spoil material during canal maintenance operations. These settling basin systems were initially constructed by excavating the soils across this area slightly and grading the displaced materials outward and upward to form the various containment berms. During subsequent maintenance operations, it is likely that some of the older dredge spoil materials were re-graded to deepen or modify the established settling basin to accommodate the disposal of additional dredge spoil materials. During one or more of these re-grading activities in the 1970s, it is believed that spoils from the basin and containment berm complex were pushed outward and into the three identified shallow depression areas adjacent to the main dredge disposal area as fill material.

2.1.1 Main Dredge Disposal Cell

The main dredge disposal area covers approximately 14 acres and consists of an EPA approved, TSCA regulated closed and covered basin, constructed by the Waterways Maintenance Division of NYSDOT to initially dewater and hold drainage network sediment as detailed in the Construction Summary report (NYSDOT 1992). In 1979, this area was covered with six- to 24-inches of sand/topsoil and seeded, monitoring wells were installed, and a monitoring program was established in compliance with TSCA requirements imposed by the EPA when an approval for the temporary storage/disposal of PCB-laden material at this site was issued in September 1979. In 1991, an EPA approved clay cover/cap was added over the existing “turf” cover by NYSDOT and the earlier monitoring wells were replaced (NYSDOT 1992). The new cover added a six-inch to five-foot-thick layer of clay over the entirety of the main disposal area. The combination of the

two cover layers put the top surface of the potentially contaminated dredge spoil materials at depths ranging between about one foot and nearly five feet below ground surface (BGS). This area is capped, fenced and has an ongoing monitoring plan in place maintained by NYSDOT as required by the 1994 Consent Decree issued by EPA (EPA 1994).

Sampling performed during the 2006 Remedial Investigation for the SA-13 site indicated remaining subsurface PCB contamination under the capped cell of up to 49 ppm total PCBs. Surface soils collected within the capped area were all non-detect for PCBs. Groundwater samples collected from monitoring wells at the Site in 2005 and 2006 as part of the RI were all non-detect for PCBs.

2.1.2 First Fill Area

The First Fill Area covers approximately three acres and consists of a closed and covered shallow depression fill area north of the main disposal area. This area was covered with a soil cover in 2008 by NYSDEC that consists of filter fabric, a demarcation layer, one-foot of clean soil meeting the requirements of 6 NYCRR Part 375 6.7(d), and a vegetated surface to limit the potential for human exposure to the dredge spoils below the soil cover.

Sampling performed during the 2006 Remedial Investigation for the SA-13 site indicated remaining surface and subsurface PCB contamination within this area of up to 12 ppm total PCBs. No groundwater monitoring wells are located within this area.

2.1.3 Second Fill Area

The Second Fill Area covers approximately 6.3 acres farther north beyond the First Fill Area and consists of both covered and uncovered areas. Approximately two acres of the Second Fill Area is covered with clean fill and pavement that was installed in 2008 as a Work Support Marina Facility for the Hudson River PCBs Site remedial dredging project. The remaining 4.3 acres is uncovered and consists of areas of varying vegetative growth.

2.1.4 Third Fill Area

The Third Fill Area is approximately two acres and consists of another shallow depression fill area and is zoned for residential and agricultural use located southwest of the main dredge disposal area. PCB contaminated dredge spoils were used to fill shallow depression areas across the properties. This area is covered by two parcels, one of which is occupied by a single dwelling that is uninhabited and in disrepair.

2.2 Investigation and Delineation Activities

Previous investigations were performed at the site to define the nature and extent of PCB contamination. Subsurface and surface soil sampling events and groundwater sampling events were performed.

2.2.1 Soil Sampling

In 1992 Malcolm Pirnie, Inc. conducted investigations of eight Hudson River upland dredge spoil sediment sites, including PCB sampling at the SA-13 site (MPI 1992). As part of this investigation, boreholes were installed across what is now the Second Fill Area of the site and soil samples were collected for analysis of PCBs. Total PCB concentrations in these samples ranged from non-detect to 55 ppm. Surface soil samples (0 to 6-inches bgs) were also collected, and concentrations of PCBs ranged from non-detect to 5.5 ppm.

In 2002 on behalf of NYSDEC, E & E conducted a study of the Third Fill Area (Morrison Property) under an Immediate Investigation Work Assignment to determine the extent of PCB contamination. Surface and subsurface soil samples were collected and analyzed for Total PCBs. Surface soil concentrations ranged from non-detect to 13 ppm, and subsurface soil concentrations ranged from non-detect to 30 ppm (E & E 2012g).

In 2002, NYSDEC conducted additional surface soil samples within the Second Fill Area. A 100-foot by 200-foot sampling grid was established across the site, with sample collection prioritized at publicly assessable areas. All surface soil samples were grab samples collected from the 0- to 2-inch depth interval and submitted for PCB analysis. PCB concentrations ranged from non-detect to 5.5 ppm.

In 2005 E & E performed a RI at the Site to define the nature and extent of PCB contamination in surface soils, subsurface soils, surface drainage water, and groundwater at the site and assess if site conditions posed a potential threat to human health or the environment (E & E 2012a). Investigations included the collection of surface soil and subsurface soil samples at the Second Fill Area. Surface soil concentrations ranged from non-detect to 7.2 ppm, and subsurface soil concentrations ranged from non-detect to 15 ppm.

In 2021 E & E collected soil samples from an additional four sampling locations within the northern section of the Third Fill Area. Soil borings were extended 10 to 15 feet bgs, and multiple samples were collected from each borehole location. PCB concentrations in these samples ranged from non-detect to 14 ppm.

2.2.2 Groundwater Sampling

Groundwater sampling was performed during the RI at five monitoring wells located within and adjacent to the Second Fill Area (see Figure 1-2 for monitoring well locations). Four rounds of groundwater samples were collected from the wells in March, June, September, and December 2006. All samples collected were unfiltered with turbidity of 43 nephelometric turbidity units or less. All samples collected from these wells came back non-detect for PCBs (E & E 2012a). The laboratory analytical reports for this sampling are included in Appendix B.

Additional groundwater sampling was performed in 2008 as part of supplemental sampling completed as part of the RI. Two monitoring wells within the Second

Fill Area were sampled. All samples collected from the two wells as part of this supplemental sampling event were non-detect for PCBs (E & E 2012h).

In July 2023, E & E conducted additional groundwater sampling at the monitoring wells located in the Second Fill Area. Both filtered and unfiltered samples were collected from four monitoring wells and analyzed for PCBs using method SW846 8082A. All sample results were non-detect for PCBs. The laboratory analytical reports for this sampling is included in Appendix B.

2.2.3 Sample Analysis

Samples collected during the MPI investigation were submitted to Upstate Laboratory, Inc. for analysis of PCBs by USEPA method 846 Third Edition (MPI 1992). The data quality assurance measures, validation and usability considerations for analytical data gathered during the MPI investigation are unknown as sampling collection, analysis and validation were completed by others.

Samples collected at the site during the E & E RI were submitted to Severn Trent Laboratories (STL) of Buffalo, New York for laboratory analysis. In an effort to reduce analytical costs, PCBs in soil samples were analyzed using two similar analytical methods, standard EPA Method 8082 and a screening level analysis based on EPA Method 8082, which primarily differ only in the method used to extract PCBs from the sample matrix. All samples were analyzed using the screening method (EPA Method 8082-screen) and approximately 20% of the samples were analyzed using standard EPA Method 8082. All groundwater samples collected at the site were analyzed for PCBs using the standard EPA Method 8082 analysis. Sample collection and analysis completed during the E & E RI was conducted in accordance with the NYSDEC approved Quality Assurance Plan (QAPP), provided in the E & E Remedial Investigation Work Plan (E & E 2005). The procedures described in the QAPP were consistent with the current updates of the EPA SW-846 sampling procedures at the time of sampling. STL followed NYSDEC Analytical Services Protocol (ASP) of June 2000 for all analytical methods, quality assurance (QA)/quality control (QC), holding times, and reporting requirements. Any deviations from acceptable QC specifications are discussed in the applicable Data Usability Summary Report (DUSR), provided in the respective RI reports (E & E 2012a,b,c). Appropriate qualifiers were added to the data by the E & E data validators to indicate potential concerns with data usability. Further details regarding the comparability of PCB screen results can be found in the Pathway Analysis Report (PAR) developed for the site (Appendix C).

3 Sample Results and Risk Evaluation

3.1 Data Evaluation

In accordance with provisions of 40 CFR 761.61 (a)(2), 40 CFR 761 Subpart N, sample collection for a site characterization is generally intended to be on a 10-foot grid system (one sample every 100 square feet). Departure from this requirement is common as it proves to be expensive during the investigative phase for large sites such as this. The Second Fill Area comprises approximately 6 acres and to perform investigation sampling in accordance with these guidelines would have proved cost prohibitive. Statistical analysis was performed to evaluate the adequacy of the sample set available for the site study area to support a hybrid self-implementing corrective action. Results indicate that the current sample set consisting of both surface and subsurface soil samples are statistically acceptable for risk-based analysis and remedial design decision, and additional samples would provide limited benefit in reducing relative error on the mean. The statistical analysis is described in a technical memo submitted as Appendix D in the PAR (see Appendix C). Soil sampling locations (surface soil and borehole) from the previous site investigations can be found in Figures 3-1 through 3-4 for the different sections of the Site.

The Third Fill Area comprises approximately two acres. Investigative sampling was originally proposed on a 50-ft grid, but due too accessibility issues caused by significant overgrowth at the Site, sample points were located where they could be accessed by sampling equipment. Again, statistical analysis indicates that the current sample set for the Third Fill Area is sufficient for site characterization and additional sampling would not significantly refine the analysis. Additionally, the remedial goal for this portion of the Site is excavation and offsite disposal of all site soils with PCB concentrations greater than one ppm and post-excavation verification sampling will be performed to confirm that the SCO is reached (see Section 4.2 below for further details).

3.2 Sample Results

Sampling results from soil and groundwater sampling performed during the site investigations are presented in Tables 3-1 through 3-6. Soil sampling locations and results are shown on Figures 3-1 through 3-4. The sum of the individual Aroclor detections represent the total PCB concentrations shown in the Tables. The

total PCB concentrations greater than the SCO of one ppm form the basis of the remediation plans.

3.2.1 Surface Soil

In the Second Fill Area, total PCB concentrations above one ppm were detected in nine of the 39 surface soil samples collected during the 2002 NYSDEC investigation and the 2005 RI. The highest total PCB concentration was detected during the 2005 RI sampling at 7.2 ppm. No surface soil samples contained PCBs above 10 ppm.

In the Third Fill Area, total PCB concentrations above one ppm were detected in 14 of the 23 surface soil samples collected. The highest total PCB concentration in these samples was 11 ppm.

3.2.2 Subsurface Soil

In the Second Fill Area, 66 borehole and 32 test pit subsurface soil samples were collected. Total PCB concentrations above one ppm were detected in 28 of the borehole samples collected and 14 of the test pit samples collected. The highest total PCB concentration detected (55 ppm) was at borehole location OM-62 at a depth interval of 2 – 3 feet bgs during the 1992 MPI investigation. Samples with PCB concentrations above the one ppm SCO ranged from 0.3 to 8 feet bgs.

In the Third Fill Area, total PCB concentrations above one ppm were detected in 23 of the 32 subsurface soil samples collected. The highest total PCB concentration in these samples was 30 ppm at a depth of approximately one foot bgs collected during the 2002 investigation work. Samples with PCB concentrations above the one ppm SCO ranged from 0.5 to two feet bgs.

3.2.3 Groundwater

Groundwater sampling was conducted during the RI (E & E 2012b) and additional monitoring was performed in 2023 (see analytical results in Appendix B) in order to evaluate potential groundwater impacts. PCBs have not been identified in groundwater at concentrations above the TSCA decontamination standard for water containing PCBs (less than or equal to 0.5 µg/L for unrestricted use) per 40 CFR 761.79(b)(1)(iii) and therefore groundwater impacts are not a concern for this Site.

3.3 Qualitative Risk Assessment

3.3.1 Surface Water Flow

Surface water flow can be a mechanism that allows migration of contaminants if those contaminants are present in surface soils or other uncontrolled debris piles. Surface water flow at the SA-13 site is a mechanism that potentially allows lateral migration of contaminants from surficial soil into on-site drainageways and ultimately into the Hudson River. Surface water flow at the site occurs primarily during heavy precipitation events or spring snow melts as surface runoff. The majority of the Site is vegetated with the exception of the paved portion of the Second Fill Area and a small percentage of unpaved roads. During heavy

precipitation events, surface water from the Second Fill Area flows south into the drainage ditches and swale along the southern border of the fill area that ultimately discharges to the Hudson River and accumulates in topographic low areas and/or infiltrates the ground. Although erosional features are not prevalent on site due to vegetative cover, PCB contamination identified in drainage network soil samples collected off-site show that migration of contaminants via surface water runoff occurs at the site, however the drainage network is part of a neighboring NYSDEC Superfund site and is beyond this scope. Installation of a soil cover as described in Section 4.1 will prevent exposure of existing surface soils to surface water flow and thus migration offsite into the surrounding drainage network. The Site Management Plan as described in Section 5 will require periodic inspection of the Site for signs of erosion or deterioration of the installed soil cover.

3.3.2 Infiltration

PCBs present in soils will likely remain absorbed to soil particles at the site. PCBs are relatively insoluble in water and are not expected to appreciably leach into groundwater or runoff, if present. Sampling has shown that PCBs have not leached into the groundwater below the site. The potential for leaching is further reduced by the presence of organic carbon in the soil because PCBs may bind to the carbon. Once bound, PCBs are much less likely to leach from the carbon, thus limiting the potential for transport to groundwater. Based on the analytical data, total organic carbon (TOC) concentrations in the samples ranged from 1% to 5% indicating that PCBs would most likely remain adsorbed to soil and not leach appreciably (E & E 2012 a,b,c). Additionally, since PCBs were not detected in groundwater; PCBs that have been present in site soils for greater than 35 years have not migrated to the groundwater monitoring well locations. This further demonstrates that it is unlikely for absorbed PCBs to leach from contaminated soils into groundwater under current or future conditions.

3.3.3 Human Health Risk Evaluation

As part of the RI (E & E 2012a, b, c), human health excess cancer risk and non-cancer hazard estimates were calculated for current and potential future users of the Site. E & E completed an additional PAR (see Appendix C) to further evaluate the human-health exposure and toxicity risks within the Second Fill Area where a soil cover will be installed to limit contact with remaining PCB contaminated soils. As all contaminated soils above the SCO will be removed and disposed of off-site in the Third Fill Area, no remaining human health risks are anticipated. PCB levels in soils at the site exceed applicable regulatory standards and guidance values. It is possible that trespassers, construction workers and maintenance workers may come in contact with residual PCB contamination present at the site under current conditions. The installation of the soil cover system will mitigate nearly all of these exposure pathways. The only complete exposure pathway that will remain after implementation of the site remedy is the potential for future maintenance workers to come in contact with residual PCB contamination while performing maintenance on the cover system. The risk associated with this exposure pathway will be reduced through the implementation of the Site Management

Plan (SMP), health and safety precautions, and the use of personal protective equipment.

The toxicity assessment qualitatively characterized risk associated with the residual PCB contamination present at the site under current and future site conditions. In accordance with results of the toxicity assessment, total excess cancer risk and non-cancer estimates indicate residual PCB contamination does not pose a significant threat to potential receptors and are generally considered acceptable by the USEPA and NYSDEC/NYSDOH. The greatest risk posed by residual contamination at the site is associated with potential exposure of construction workers and trespassers to Aroclor 1248 contamination in surface soils under current site conditions. The excess cancer risk for this exposure pathway was estimated to be 1.10×10^{-6}. This risk estimate is within the acceptable range as determined by USEPA and NYSDEC/NYSDOH and does not take into account any personal protective equipment or health and safety precautions that will be implemented by construction workers at the time of construction. Installation of the soil cover and implementation of the SMP would mitigate this risk.

3.3.4 Ecological Risk Assessment

The Ecological Risk Assessment evaluated potential impacts of site-related contaminants on the ecological resources at the site. The assessment was limited to terrestrial and aquatic habitats that lie on the site and does not include the Hudson River, which lies adjacent to the site. The following information summarizes these results.

- Risks to plant communities from contaminants in soil at the site appear to be minimal.
- No chemicals exceeded the available soil-fauna screening benchmarks. Overall, these results suggest that risks to the soil invertebrate community at the site from chemicals in the soil are minimal.
- Based on food-chain modeling results, total PCBs in soil are likely to pose a risk to songbirds, such as the American robin, and small mammals, such as the short-tailed shrew, that feed extensively on soil invertebrates. Risks to carnivorous birds and mammals and other wildlife species with large home ranges appear to be minimal.
- Benthic invertebrates using the on-site ditch may be at risk from total PCBs based on exceedances of low-level effect benchmarks in one or more samples.

As part of the RI, the New York State Natural Heritage Program (NHP) was contacted for information on species and habitats of concern in the site vicinity. The NHP indicated that the below species have been observed within a 2-mile radius of the site.

- Birds
  - Short-eared owl (*Asio flammeus*); New York State legal status: endangered
  - Northern harrier (*Circus cyaneus*); New York State legal status: threatened
- Plants
  - Small whorled pogonia (*Isotria medeoloides*); New York State legal status: endangered.
  - Hooker's orchid (*Platanthera hookeri*); New York State legal status: endangered.

These species were not observed at the site during RI site reconnaissance in December 2005; however, it is unlikely that the small whorled pogonia or Hooker's orchid would have been evident at this time of year. Consequently, the occurrence of these two plant species at the site cannot be definitively ruled out, however it is unlikely that they would be found at the Site, given that it is elevated and regularly mowed and both plant species prefer shaded, swampy habitats. Additionally, the NHP indicated that Dead Creek Valley, which lies approximately 1 mile east of the site, is considered a raptor winter conservation area.

Based on discussions with the U.S. Fish and Wildlife Services (USFWS), there are no federal threatened or endangered species associated with this site. Wintering bald eagles my migrate through the area but are not known to use the site.

Overall, the current levels of environmental contamination at the site pose only minimal risks to communities of terrestrial plants and soil invertebrates, but may threaten some wildlife species, amphibians, and benthic invertebrates.

4 Description of PCB Cleanup Approach

This hybrid self-implementing cleanup approach for PCBs at the Site has been prepared to be in accordance with the Self-Implementing requirements of 40 CFR 761.61(a) with some modifications consistent with 40 CFR 761.61(c). The cleanup plan is designed to be protective of human health and the environment. To meet this objective, areas of potential exposures to PCB-affected media at the site were identified based on known or anticipated uses of the site. Additionally, the proposed site remedies account for the restoration of the site to promote green remediation practices. In accordance with 40 CFR 761.61(a)(3)(ii) the Director of Land, Chemicals, and Redevelopment will be notified of any deviations from the cleanup approach as described in this Plan 14 days prior to implementation of the changes.

4.1 Second Fill Area

The Second Fill Area is owned by New York State. It currently consists of the asphalt parking lot built for use during dredging of the Hudson River and a vegetated area. Soils with PCB concentrations above 50 ppm will be excavated and disposed of off-site in accordance with 40 CFR 761.61(a)(5)(i)(B)(2)(iii). PCB concentrations up to 50 ppm will remain onsite covered by a clean soil cover as per 40 CFR 761.61(a)(4)(i)(B). The Second Fill Area will be managed for low occupancy use with a fence and signage in accordance with 40 CFR 761.61(a)(4)(i)(B)(2). An Environmental Notice (EN) will be filed for the property identifying the presence of the remaining PCB waste, the presence of the soil cover and fence, and restrict site use to low occupancy as per 40 CFR 761.61(a)(8). The EN will specify that the constructed soil cover and fence must be maintained in perpetuity in accordance with the Site Management Plan.

Within 60 days of completion of cleanup activities, NYSDEC will record the EN which will in perpetuity notify any potential purchaser of the property:

1. That the land, identified as the Second Fill Area parcel, has been used for PCB remediation waste disposal, and that the area is restricted to use as a low occupancy area as defined in 40 CFR 761.3;
2. Of the existence of the soil cover and fence, and the requirement to maintain the soil cover and fence; and

3. The applicable cleanup levels left at the site, including under the soil cover.

NYSDEC will submit a signed certification that they have recorded the above notation in an EN to the EPA Director of Land, Chemicals, and Redevelopment division.

Based on the potential exposure pathways for PCBs in the Second Fill Area, the primary concern is the potential for exposure to PCBs through direct contact with contaminated soils. To remedy this risk, a clean soil cover will be installed in unpaved areas in accordance with 40 CFR 761.61(a)(4)(i)(B) and 761.61(a)(7) with some modifications to prevent direct contact with PCB-contaminated soils (see Figure 1-3 for extent of clean soil cover). An area of the Second Fill Area where PCB concentrations are greater than 50 ppm will be excavated and disposed of offsite (see Figure 1-3 for excavation area). The excavation will consist of a 10-ft by 10-ft area around sample point OM-62 to a depth of 3-ft. Post-excavation verification samples will then be collected at the bottom of the excavation and on each sidewall to confirm that remaining PCB concentrations in this area are below 50 ppm. Verification samples will be analyzed for PCBs using EPA SW-846 Method 8082A. If samples indicate that PCB concentrations remain above 50 ppm, additional excavation will be completed and verification samples collected until results indicate that remaining PCB concentrations are below 50 ppm.

Due to the lack of PCB migration from site soil into groundwater and in effort to incorporate green remediation best practices, the cover will consist of clean common fill and topsoil. In accordance with the ROD, the proposed cover will include a minimum of six inches of compacted clean soils and six inches of topsoil (total of 12-inches of cover material) to promote growth of selected vegetation. All imported materials will meet the requirements of 6 NYCRR 375 Table 375-6.8(b) for commercial use. These materials will not meet all of the permeability, sieve, liquid limit, and plasticity index parameters in 40 CFR 761.75(b)(1)(ii) through (v) as the analytical data from the RI demonstrated that it is unlikely for PCBs in site soils to leach from contaminated soils into groundwater and thus preventing infiltration of stormwater through the cover is not of concern. While the soil cover will not be constructed to prevent infiltration of water, it will function with minimal maintenance, promote drainage, and minimize erosion of the cover surface.

A portion of the Second Fill Area was previously covered with an asphalt parking lot during remedial dredging of the Hudson River as part of a support marina facility. This area will be maintained as is and is considered sufficient cover in accordance with NYSDEC Part 375 regulations for a cover system.

Work on the Second Fill Area will consist of three phases. In the first phase, soils with PCB concentrations above 50 ppm will be excavated and disposed of off-site at a TSCA regulated facility as described in Section 4.3. In the second phase, the existing surface will be graded to establish slopes for proper drainage prior to

placement of cover materials. After that, a demarcation layer will be placed on top of the graded surface to provide a visual separation between the dredge spoils and the final cover layer. The clean common fill will then be placed and compacted to a minimum 90% of the maximum dry density. The topsoil layer will then be placed and the final cover surface will be hydroseeded.

The vegetative cover planned for the Second Fill Area is intended to protect the final cover surface from wind and water erosion as well as to reduce runoff and enhance evapotranspiration. Hydroseeding will be completed following the placement of topsoil at the appropriate time for successful germination and growth. The vegetative cover will consist of a wide variety of grasses specifically selected to provide protection of the soil surface against erosion, preserve the integrity of the soil cover, enhance evapotranspiration, provide stormwater management, provide ecological habitat for soil fauna, and improve the appearance of the final land surface.

Following completion of the site work in the Second Fill Area, a fence and signage including the M_L mark will be installed around the area to limit access in accordance with 40 CFR 761.61(a)(4)(i)(B)(2). The fence will be 6-ft tall chain link with a locked access gate.

This soil cover will limit direct contact with PCB contaminated soils for potential site users and wildlife and prevent PCB contaminated soils from migrating offsite due to erosion. An Environmental Notice will be in place to limit future site use and development to low occupancy (as per 40 CFR 761.61(a)(8)), describe the presence of the soil cover and fence, and prevent use of site groundwater for drinking water purposes without proper treatment approved by NYSDOH. A NYSDEC approved SMP will be implemented for the site that provides descriptions of the engineering and institutional controls, and prescribes maintenance, monitoring, and reporting requirements in accordance with NYSDEC DER-10. The SMP will also include a soil management plan to guide any disturbance of materials containing greater than one ppm of total PCBs.

4.2 Third Fill Area

The Third Fill Area is comprised of two privately owned residential parcels. One parcel includes an abandoned residential structure that is proposed to be demolished as part of the remedial cleanup, and the second parcel is zoned agricultural. Based on the site's current use and zoning designation, the reasonable anticipated future land use will remain unchanged.

4.2.1 Excavation

The Third Fill Area will be excavated to remove all PCB-contaminated soils above the residential SCO of one ppm as per the ROD. The horizontal and vertical limits of excavation were established based on the information provided in the RI report (E & E 2012a) and are shown on Figure 1-4. Results of soil samples collected during site investigations demonstrate that the soil does not contain PCBs greater than 50 ppm. Excavated soil will be direct-loaded into labeled roll-

off containers for disposal as non-TSCA waste. Verification sampling will be performed to confirm that the SCO has been met.

4.2.2 Verification Sampling

After completion of soil excavation, verification samples will be collected in accordance with 40 CFR 761 Subpart O (with some modifications to spacing) and NYSDEC DER-10 with a grid spacing of 30-foot by 30-foot to verify that the SCO has been met. Both bottom of excavation and sidewall samples will be collected. At the outer limits of the excavation area, sidewalls samples will be collected every 30-feet at a minimum of one sample for every foot of excavation depth and analyzed for total PCBs. Verification samples will be analyzed for PCBs using EPA SW-846 Method 8082A. Post-excavation verification sample locations are shown on Figure 1-4.

If PCBs are detected in bottom verification samples above the SCO, material will be excavated an additional one foot in that grid and a second round of verification samples will be collected. Additional excavation will occur in one-foot increments until verification sampling confirms that the SCO has been met.

If sidewall verification sampling indicates the presence of PCBs above the SCO, the excavation area will be expanded by one 10-foot grid interval followed by additional verification sampling of the bottom of excavation and along the new perimeter. This process will continue until the perimeter verification samples have met the SCO.

Bulk PCB remediation waste will be stored at the site (if necessary) for less than 180 days in accordance with 40 CFR 761.65(c)(9). Excavated soils will be disposed of off-site at an approved landfill in accordance with 40 CFR 761.61(a)(5)(i)(B) and as described in Section 4.3.

4.2.3 Backfill

After excavation and verification sampling show PCB concentrations less than the SCO, the excavated area will be restored to the proposed grading surface with imported common fill and topsoil meeting the satisfactory soil criteria including analytical sampling to meet NYSDEC DER-10 residential standards.

4.2.4 Vegetation

Topsoil, seeding and planting will be completed in coordination with the property owners and NYSDEC Fish and Wildlife.

In addition to seeding, tree species will be installed within the Third Fill Area footprint to increase soil stability as well as provide riparian wildlife habitat. Plant species will be selected based on various factors, including direct observations of current vegetation structure and composition, historical cover types, soil characteristics, hydrology, exposure, aspect, bioengineering and soil stabilization capabilities, biological performance, biodiversity, and compatibility, or sustainability within the existing riparian plant communities.

4.3 Management of PCB-Affected Media

Excavated materials from the hotspot removal in the Second Fill Area are expected to contain PCB concentrations above 50 ppm and as such will be handled as TSCA hazardous waste. These materials will be disposed of at a TSCA regulated facility in accordance with 40 CFR 761.61(a)(5)(i)(B)(iii).

Excavated materials from the Third Fill Area are not expected to contain concentrations of PCBs greater than 50 ppm based on the historical sampling performed at the Third Fill Area, and as such it is anticipated that these materials will be disposed of at a non-TSCA facility.

Soil containing less than 50 ppm PCBs will be directly loaded into roll-off containers. Bulk PCB remediation wastes will be disposed of at an approved PCB disposal facility, a permitted municipal solid waste, or non-municipal non-hazardous waste facility under 40 CFR 761.61(a) or (c). Manifesting and recordkeeping requirements will be followed as per 40 CFR 761.207(e).

If during waste characterization sampling performed for disposal PCB concentrations are found above 50 ppm, the materials will be handled as TSCA hazardous waste and will be disposed of in a RCRA Section 3004 or 3006 permitted hazardous waste landfill. If disposal in a TSCA permitted facility is required, final disposal will likely be at Chemical Waste Management's facility near Emelle, Alabama.

In accordance with 40 CFR 761.208, a Uniform Hazardous Waste Manifest will accompany the TSCA hazardous waste. A signed copy of each manifest will be retained for at least 3 years (40 CFR 761.209(a)). For any PCB waste shipment that requires a manifest, NYSDEC or E & E (acting as the authorized agent for NYSDEC) will comply with the following:

- Sign the manifest certification by hand
- Obtain the handwritten signature of the initial transporter and date of acceptance on the manifest
- Retain one copy and provide the copy to NYSDEC for its records
- Give the transporter the remaining copies of the manifest that will accompany the shipment of TSCA waste
- Collect completed manifests and disposal certificates from disposal facility

Liquid wastes including free liquids, decontamination fluids, and precipitation that accumulates in the excavation areas will be collected in drums, characterized, and disposed of offsite at a properly permitted facility as either a TSCA or non-TSCA waste.

4.4 Health and Safety

4.4.1 Health and Safety Plan

A Site-specific HASP will be prepared for the work which will comply with 29 CFR 1910.120, the Hazardous Waste Operations and Emergency Response regulations. All subcontractors will be required to prepare and follow their own HASP that is commensurate with the work and activities. The HASP will include specifications for appropriate PPE, site controls, and medical surveillance to ensure that workers are not exposed to contaminants of concern above applicable OSHA thresholds.

The primary anticipated hazards include potential worker and public exposure to construction hazards and potential chemical exposure. Worker and public safety hazards will include those typically found at a construction site using heavy equipment. Potential chemical exposures are anticipated to derive from inhalation of particulates containing PCBs, and direct dermal contact with soil containing PCBs. The following engineering controls will be established to minimize these exposures:

- Excavation surfaces will be maintained damp to minimize dust generation
- Continuous air monitoring will be conducted while work is being performed to reliably measure airborne contaminants, to delineate areas where respiratory protection is required, and to verify that control measures are adequate
- Work zones will be established, including exclusion zones, contaminant reduction zones, and support zones, and workers will wear personal protective equipment as specified in the HASP.

4.4.2 Community Air Monitoring Plan

A site-specific CAMP will be prepared for the work outline in this plan. The CAMP will identify measures and/or actions to ensure that the public living and working near the Site as well as employees or visitors to the site are protected from exposure to site contaminants during remedial activities. Continuous particulate (dust) monitoring will be conducted during any remedial activities where PCB-impacted materials are disturbed to ensure that particulate matter is below OSHA exposure limits for remedial workers. Additionally, a community air monitoring program for particulates will be implemented during remedial work to ensure that off-site exposure of PCB-impacted materials does not occur.

4.4.3 Waste Characterization and Profiling

PCB remediation waste will be characterized for offsite disposal based on its as-found PCB concentrations. Where existing in-situ characterization data has already been collected during previous investigations, it will be used to profile PCB remediation waste for disposal. Additional waste characterization samples will be collected and analyzed for other site constituents of concern as needed to meet profile requirements of the designated waste disposal facility.

4.5 Decontamination

Equipment used during remedial work on the Second and Third Fill Areas will be decontaminated in accordance with 40 CFR 761.79(c)(2)(ii). All moveable equipment, tools, and sampling equipment that may have come in contact with PCB contaminated materials will be decontaminated using a double wash/rinse as defined in Subpart S of 40 CFR 761. All decontamination waters will be containerized onsite and sampled to determine appropriate disposal.

4.6 Environmental Notice

After completion of the remedial activities and installation of engineering controls, an Environmental Notice will be recorded for the Second Fill Area that will meet the requirements of 40 CFR 761.61(a)(8) and will in perpetuity notify any potential purchaser of the property:

- That the land has been restricted to low occupancy use (as defined in 40 CFR 761.3);
- That the land has been used for PCB remediation waste disposal pursuant to a cleanup plan approved under 40 CFR 761.61(a) and 40 CFR 761.61(c);
- Of the soil cleanup level used for PCBs in soils at the Site;
- Of the existence of the soil cover and fencing installed to prevent exposure to the PCB-containing materials remaining on site;
- Restrict the use of groundwater as a source of potable or process water (due to the presence of metals contamination above applicable screening criteria) unless necessary water quality treatment has been completed as determined by the NYSDOH or County DOH;
- Of the applicable PCB concentrations left at the Site under the soil cover, including detailed information about the concentration and physical location of the materials; and
- Of the long-term monitoring and maintenance requirements at the Site, including the site management plan (SMP) to be implemented.

No Environmental Notice/Easement will be required for the Third Fill Area as this portion of the site will be remediated to the residential SCO.

Any proposed redevelopment would be subject to the NYSDEC's Change of Use requirements and 40 CFR 761 and would be limited to instances where constructions workers breach the soil cover during redevelopment pursuant to requirements of a soil management plan. A SMP will be implemented for the site that provides descriptions of the engineering and institutional controls, and prescribes maintenance, monitoring, and reporting requirements in accordance with the NYSDEC DER-10

4.7 Green and Sustainable Remediation

The selected remedy for this Site will incorporate Green Remediation principles and techniques during design and construction in accordance with NYSDEC DER-31 (NYSDEC 2011) and as required per the ROD. Pursuant to DER-31, SiteWise version 3.2 was utilized during the remedial design to quantitatively evaluate the environmental footprint of the selected remedy. A thorough evaluation of Best Management Practice (BMP) was also performed to identify opportunities to implement green and sustainable techniques throughout construction and to improve the overall sustainability of the design. Green and sustainable remediation components incorporated into the remedial design include the following: a thicker, two-foot cover system to enhance biodiversity and ecological habitat; a pervious cover in lieu of a conventional clay cover to promote infiltration and preserve habitat; and a vegetative cover to reduce erosion and runoff as well as promote stormwater drainage and evapotranspiration. These design elements will also reduce the frequency of grass mowing, ultimately reducing greenhouse gas emissions generated by the Site. Additionally, by installing a cover system in lieu of excavation and removal of PCB contamination from all areas, waste generation and emissions associated with trucking material to an off-site waste facility are avoided.

A climate vulnerability assessment was performed to evaluate the remedy's capacity to adapt to climate change and ensure long-term effectiveness. Resources such as New York State Energy Research and Development Authority ClimAID projections were utilized to evaluate the Site's vulnerability to increased extreme storm frequency and precipitation. Results of this assessment indicated the design incorporates sufficient measures to withstand increased precipitation and frequency of extreme storm events provided final grades are constructed in accordance with the design and the vegetative covering is maintained per the SMP.

During remedial construction, the selected contractor will be required to conform with the requirements of DER-31 and meet the Green Remediation metrics and environmental performance requirements set forth in the remedial contract. Per design specification Section 01 89 29 – Green Remediation Practices, the contractor is required to maintain tracking sheets to monitor quantities of materials brought to the site, waste generation, recycled and bio-based materials, solid waste disposal, energy usage, water usage, emissions, and lang/ecosystem quantities disturbed. Following the completion of restoration work, the tracked metrics will be applied to Sitewise to quantify actual environmental impact of the project. Select BMPs will also be implemented throughout construction to the extent possible, including sourcing imported materials and equipment rentals from local suppliers, renting newer equipment with emission control technology (specifically for diesel-powered vehicles), performing routine maintenance of vehicles, and avoiding idling of vehicles and equipment.

5 Monitoring and Maintenance of Engineering Controls

5.1 Site Management Plan

A detailed SMP will be developed for the institutional and engineering controls used to prevent direct exposure to PCB-contaminated materials in the Second Fill Area. This plan will be developed in accordance with the requirements of NYSDEC DER-10 and 40 CFR 761.61, and will include the following general components:

- Visual inspection: The engineering controls will be inspected at the frequency described in the SMP. The inspection will focus on exposed surfaces and physical barriers, and will identify any visual signs of wear, damage, or other evidence of threats to integrity of the engineering controls.
- Long-term Groundwater Monitoring (LTGM): A LTGM program will be implemented at the site in accordance with NYSDEC DER-10.
- Corrective measures: If inspections indicate any deficiency in the engineering controls, corrective measures will be initiated within 72 hours to address the deficiency.
- Documentation and reporting: Details of visual inspections will be documented as they are performed. Any deficiencies discovered and corrective measures taken will also be documented. This information will be compiled into an annual report that will be maintained by NYSDEC.

6 References

Ecology and Environment Engineering, P.C. (E & E). 2005. Final Technical Work Plan for the Remedial Investigation and Feasibility Study at the Old Moreau Dredge Spoil Site, Site No. 5-46-040, Moreau, New York. 2005.

Ecology and Environment Engineering, P.C. (E & E). 2012a. Remedial Investigation Report for the Special Area 13 Dredge Spoil Disposal Area. February 2012.

Ecology and Environment Engineering, P.C. (E & E). 2012b. Remedial Investigation Report for the Moreau Dredge Spoil Disposal Site, Moreau, New York. February 2012.

Ecology and Environment Engineering, P.C. (E & E). 2012c. Remedial Investigation Report for the Old Moreau Dredge Spoil Disposal Area. February 2012.

Ecology and Environment Engineering, P.C. (E & E). 2012d. Feasibility Study Report for the Moreau Dredge Spoil Disposal Site, Moreau, New York. February 2012.

Ecology and Environment Engineering, P.C. (E & E). 2012e. Feasibility Study Report for the Old Moreau Dredge Spoil Disposal Area. February 2012.

Ecology and Environment Engineering, P.C. (E & E). 2012f. Feasibility Study Report for the Special Area 13 Dredge Spoil Disposal Area. February 2012.

Ecology and Environment Engineering, P.C. (E & E). 2012g. Final IIWA Report Submittal – Morrison Property. July 2012.

Ecology and Environment Engineering, P.C. (E & E). 2012h. Additional Site Investigation Report for Moreau Dredge Spoil Disposal Site. February 2012.

Malcom Pirnie, Inc. (MPI). 1992. Hudson River PCB Project, Dredge Spoil Sites Investigation. December 1992.

New York State Department of Environmental Conservation (NYSDEC). 2003. *Preliminary Sampling Project, Old Moreau Dredge Spoil Area*, prepared by the Division of Environmental Remediation, Albany, New York.

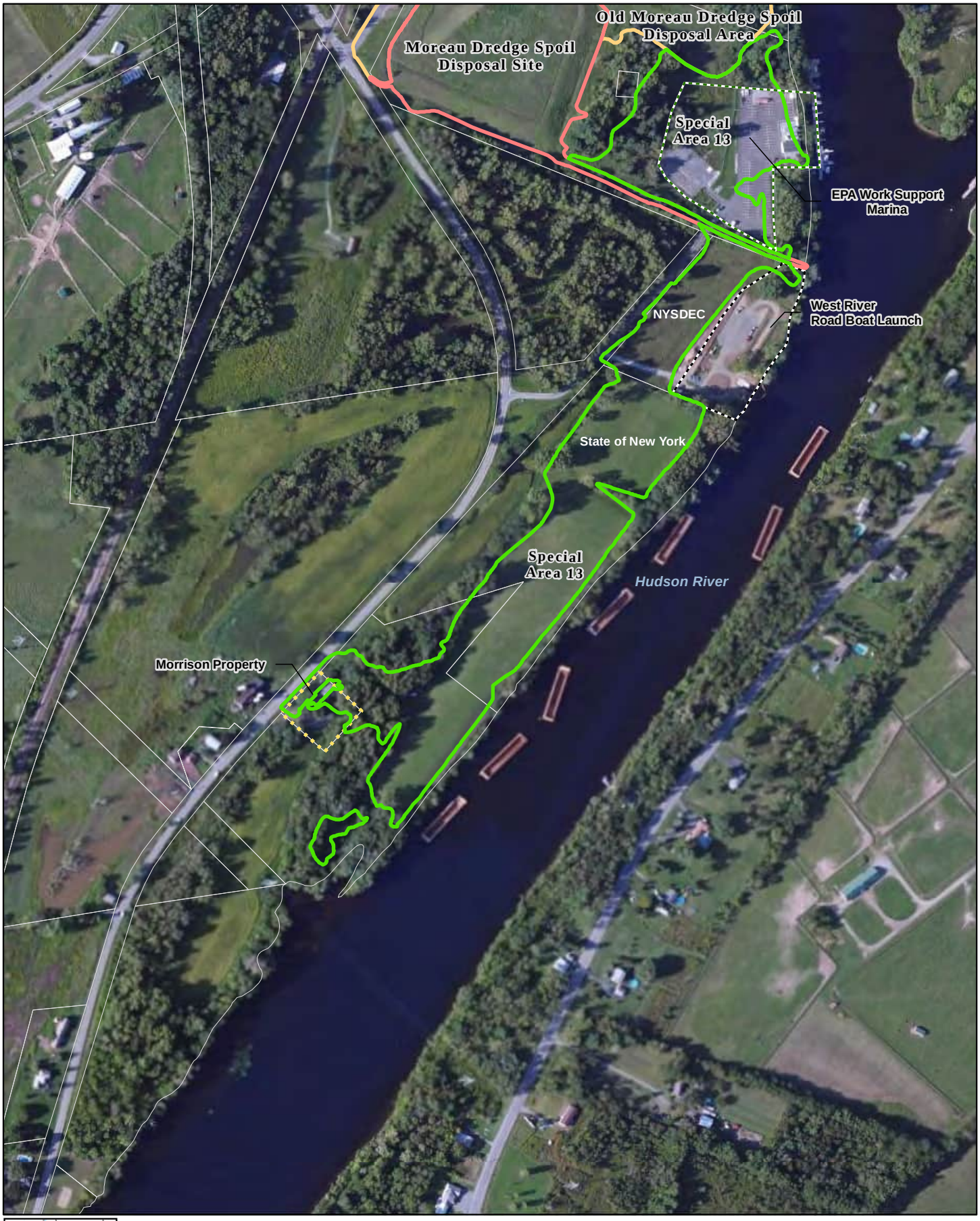
NYSDEC. 2006. Remedial Program Soil Cleanup Objectives, 6 NYCRR Sub part 375-6.8, December 14, 2006

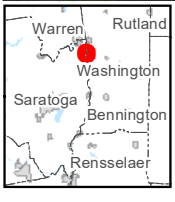
NYSDEC. 2010. DER-10 – Technical Guidance for Site Investigation and Remediation.

NYSDEC. 2011. DER-31 – Green Remediation

FIGURES

© Ecology & Environment, Inc. GIS Department Project #
\\Bufsdl4\GIS\Buffalo\NYSDEC_RIFS\Maps\MXD\SpecialArea13\Report_Mar7_2007\Figure1-1_site_location_map_revised_Aug24_2007.mxd 8/4/2005



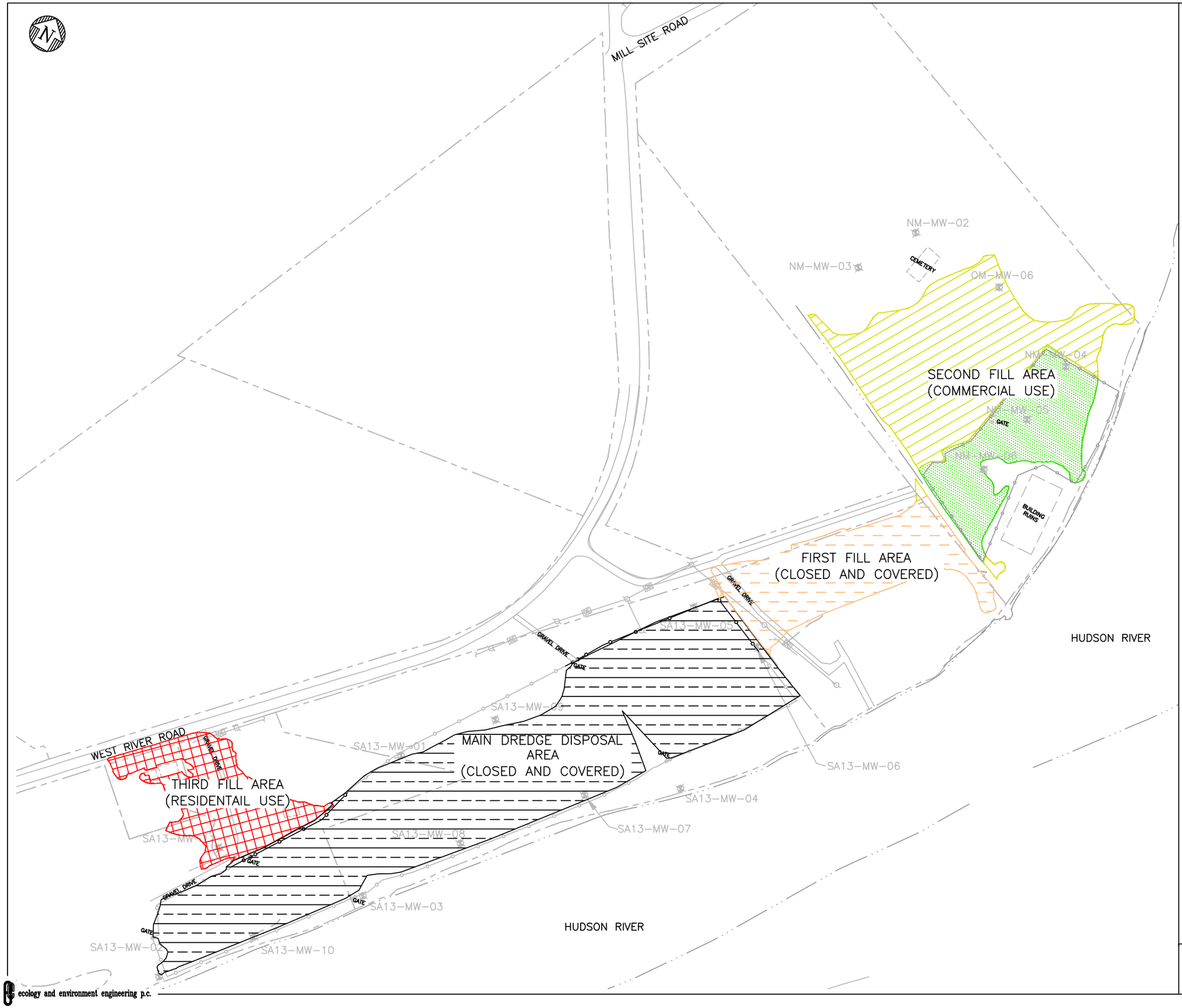


Morrison Property
West River Road Boat Launch
EPA Work Support Marina
Parcel Boundary
Old Moreau Dredge Spoil Disposal Area
Moreau Dredge Spoil Disposal Site
Special Area 13 Dredge Spoil Disposal Area

N
W E
S

Figure 1-1
Site Location Map
Special Area 13
Dredge Spoil Disposal Area

0 200 400 800
Feet



LEGEND:

- APPROXIMATE EDGE OF WATER BOUNDARY
- APPROXIMATE LOCATION OF PROPERTY BOUNDARY (SEE NOTE 2)
- EXISTING FENCE
- APPROXIMATE LOCATION OF EXISTING STRUCTURE
- SA13–MW–04 — EXISTING MONITORING WELL
- OE — EXISTING OVERHEAD ELECTRIC
- EXISTING POWER POLE
- EXTENT OF CAPPED LANDFILL CELL
- EXTENT OF SOIL COVERED SPOILS; FIRST FILL AREA
- EXTENT OF ASPHALT COVERED SPOILS; SECOND FILL AREA
- EXTENT OF UNCOVERED SPOILS; SECOND FILL AREA
- EXTENT OF UNCOVERED SPOILS; THIRD FILL AREA

NOTES:

1. SITE FEATURE LOCATIONS BASED ON 2003 & 2012 AERIAL PHOTOGRAPHY.
2. PROPERTY LINES ARE APPROXIMATE IN LOCATION AND ARE BASED ON SARATOGA COUNTY PARCEL DATA, 2002.
3. EXISTING UTILITIES AND POWER POLES TAKEN FROM LU ENGINEERS DRAWING 10623–08CADD10623–08 SA 13.DWG, DATED 3/16/06.

APPROXIMATE SCALE IN FEET

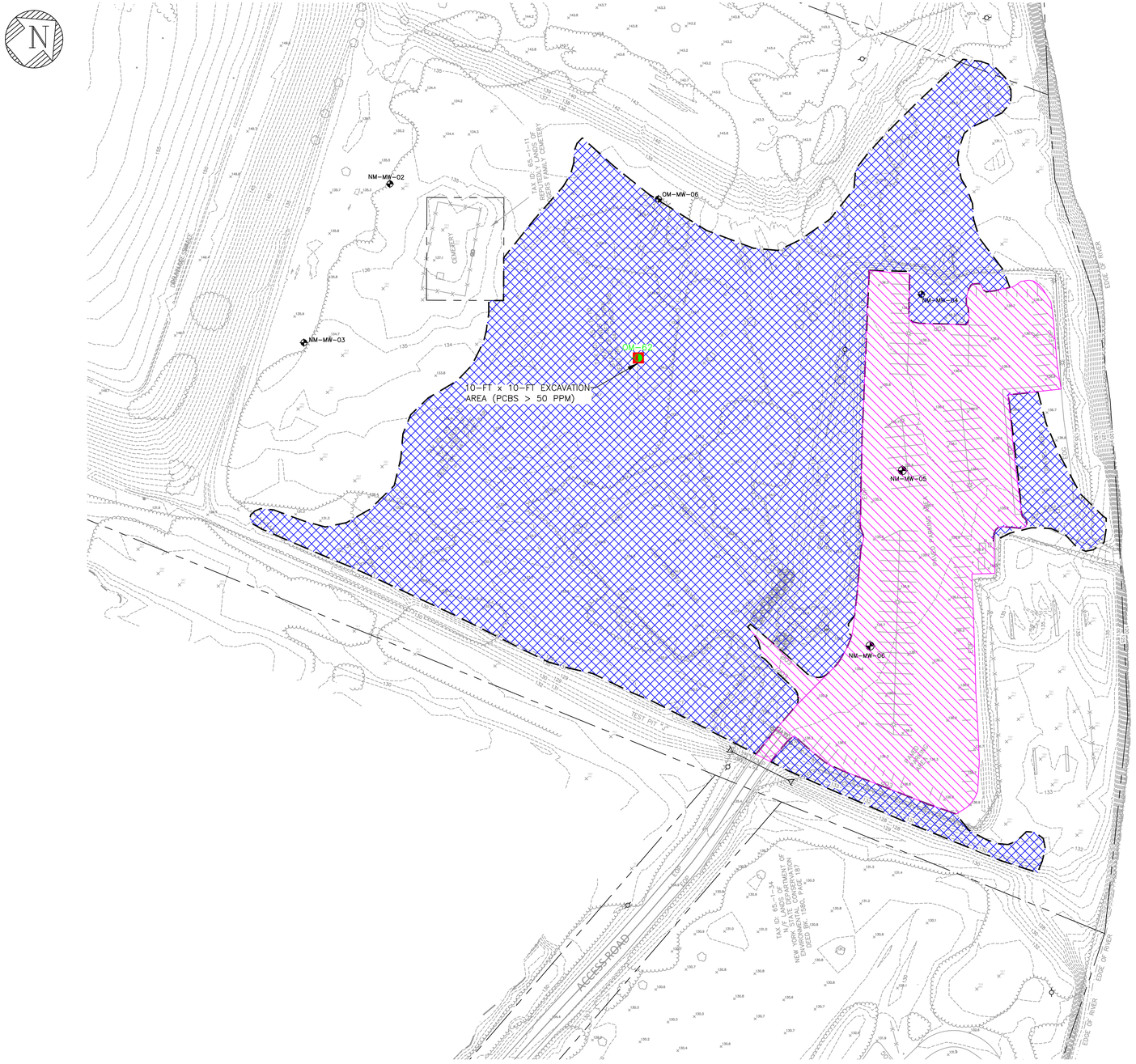
0 250 500 750

FIGURE 1–2 EXTENT OF CONTAMINATION SPECIAL AREA 13 MOREAU, NEW YORK

ecology and environment engineering p.c.

LEGEND

- COVER BOUNDARY
- EXISTING ASPHALT AREA
- CLEAN SOIL COVER AREA
- OM-62 — EXISTING BOREHOLE LOCATION
- HOTSPOT REMOVAL AREA



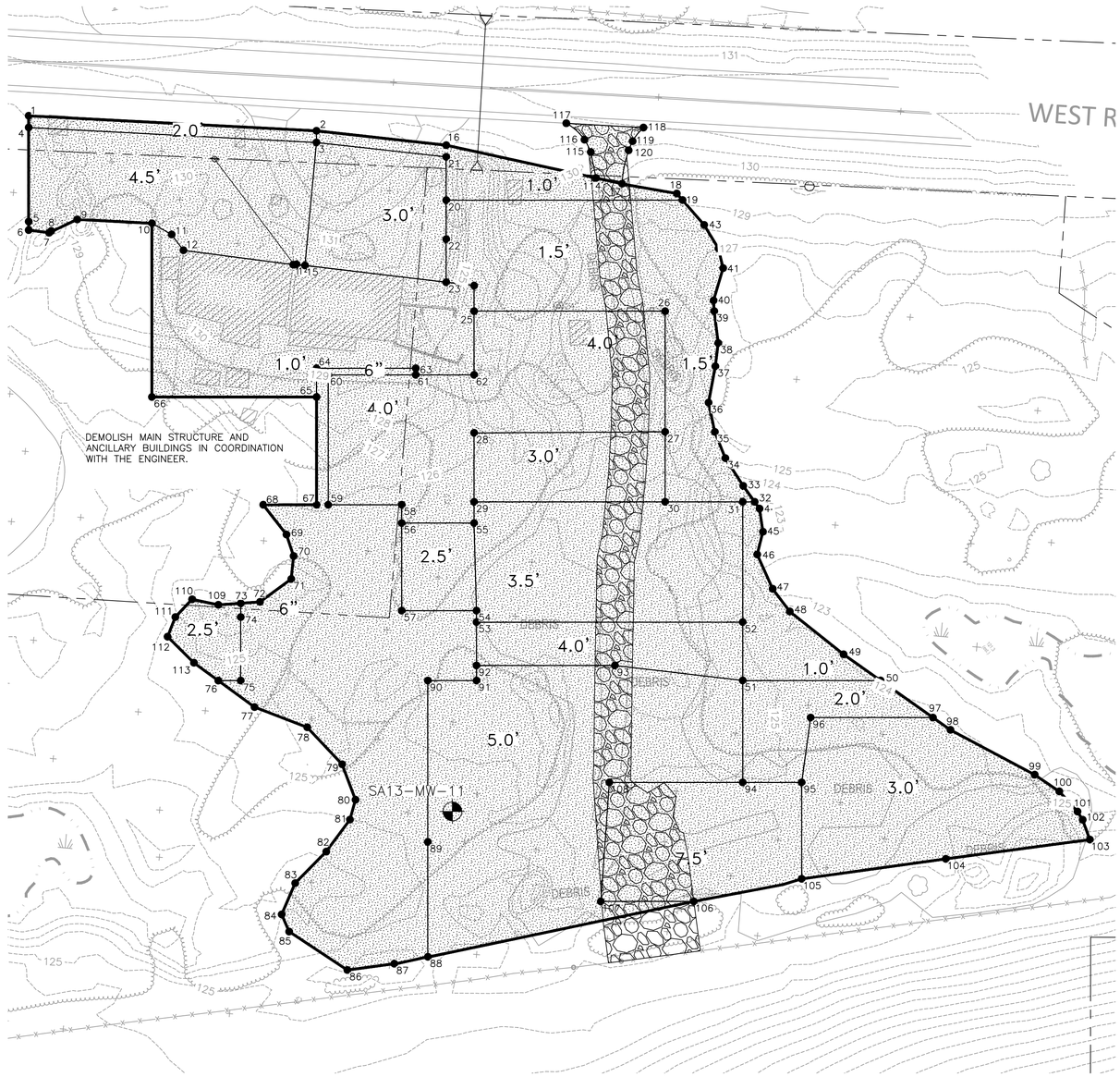
EXISTING SITE PLAN - SECOND FILL AREA

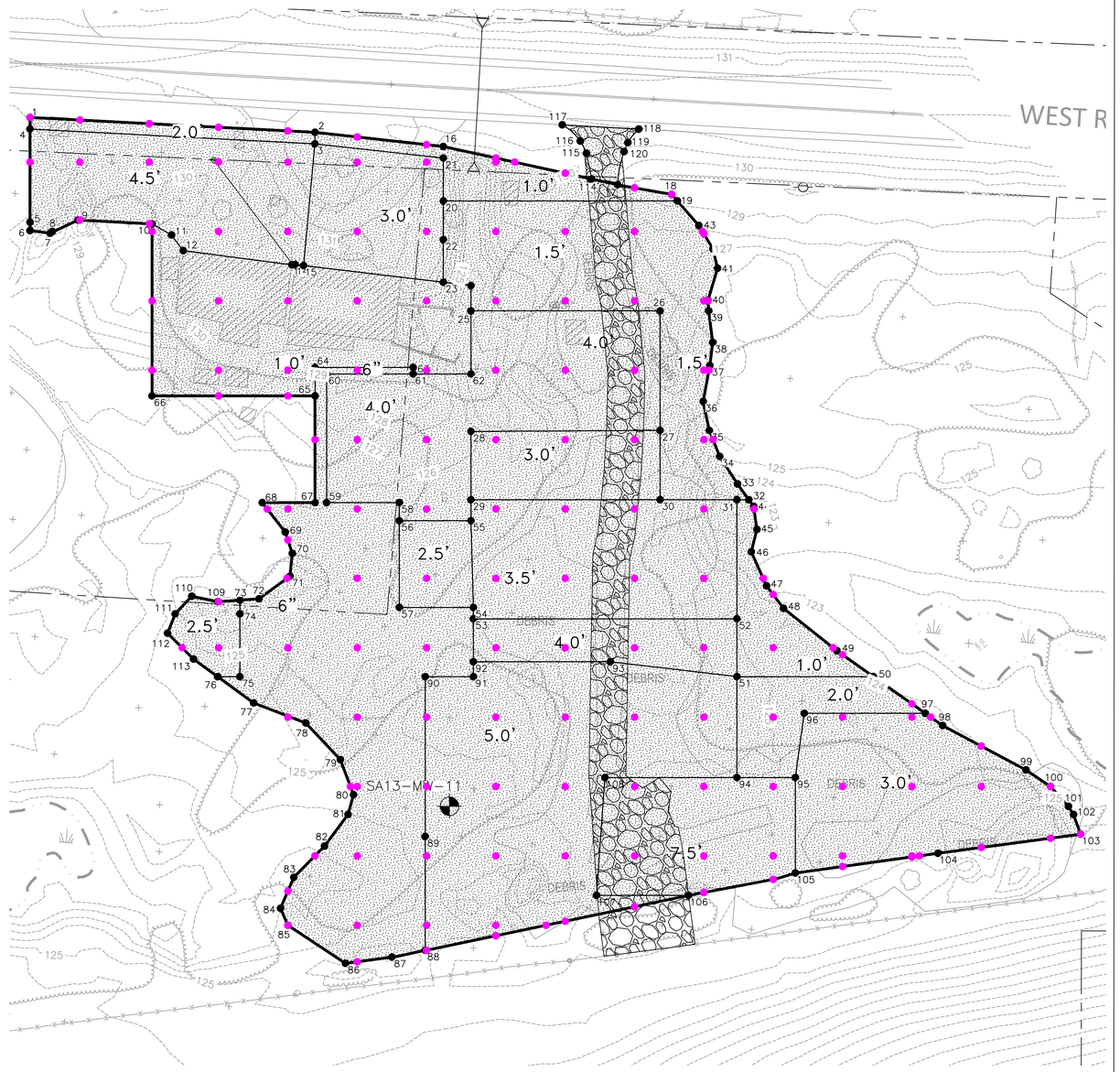
SCALE: 1"=60'-0"

SCALE IN FEET

0 60 120 180

FIGURE 1-3 SECOND FILL AREA COVER
SPECIAL AREA 13
MOREAU, NEW YORK





EXCAVATION PLAN – THIRD FILL AREA

SCALE: 1"=30'–0"

LEGEND

2.0'	EXCAVATION AREA WITH EXCAVATION DEPTH
1	COORDINATE POINT LOCATION
	POST EXCAVATION SAMPLE

EXCAVATION PLAN – THIRD FILL AREA POST EXCAVATION SAMPLE (30' GRID)

SCALE: 1"=30'–0"

SCALE IN FEET

0 30 60 90

ecology and environment engineering and geology p.c.

FIGURE 1–4 THIRD FILL AREA EXCAVATION AREA
SPECIAL AREA 13
MOREAU, NEW YORK

LEGEND

NM-SS-18 ● SURFACE SOIL LOCATION

S-27 0.81 ● SURFACE SOIL LOCATION (NYSDEC 1992)

NOTE

1. ORTHO IMAGERY SHOWN IS FROM SARATOGA COUNTY (2019).
2. BOLD AND SHADED VALUES EXCEED SOIL CLEANUP OBJECTIVE OF 1 MG/KG, WHILE BOLD ITALICIZED SCREENING TEST VALUES MAY EXCEED THE SOIL CLEANUP OBJECTIVE (NYSDEC PART 375.6-8 RESIDENTIAL USE).

Sample Identification	Date Collected	Maximum Total PCB Concentration (2) (mg/Kg)
NM-SS-18	24-Aug-05	0.28

Sample Identification	Date Collected	Maximum Total PCB Concentration (2) (mg/Kg)
NM-SS-21	24-Aug-05	**3.2**

Sample Identification	Date Collected	Maximum Total PCB Concentration (2) (mg/Kg)
NM-SS-24	24-Aug-05	0.43

Sample Identification	Date Collected	Maximum Total PCB Concentration (2) (mg/Kg)
NM-SS-37	9-Feb-06	0.44

Sample Identification	Date Collected	Maximum Total PCB Concentration (2) (mg/Kg)
NM-SS-36	9-Feb-06	0.39

Sample Identification	Date Collected	Maximum Total PCB Concentration (2) (mg/Kg)
NM-SS-27	9-Feb-06	ND

Sample Identification	Date Collected	Maximum Total PCB Concentration (2) (mg/Kg)
NM-SS-35	9-Feb-06	ND

Sample Identification	Date Collected	Maximum Total PCB Concentration (2) (mg/Kg)
NM-SS-17	24-Aug-05	0.78

Sample Identification	Date Collected	Maximum Total PCB Concentration (2) (mg/Kg)
NM-SS-23	24-Aug-05	ND

Sample Identification	Date Collected	Maximum Total PCB Concentration (2) (mg/Kg)
NM-SS-20	24-Aug-05	0.5

Sample Identification	Date Collected	Maximum Total PCB Concentration (2) (mg/Kg)
NM-SS-34	9-Feb-06	0.16

Sample Identification	Date Collected	Maximum Total PCB Concentration (2) (mg/Kg)
NM-SS-38	9-Feb-06	ND

Sample Identification	Date Collected	Maximum Total PCB Concentration (2) (mg/Kg)
NM-SS-25	24-Aug-05	0.28

Sample Identification	Date Collected	Maximum Total PCB Concentration (2) (mg/Kg)
NM-SS-16	24-Aug-05	0.72

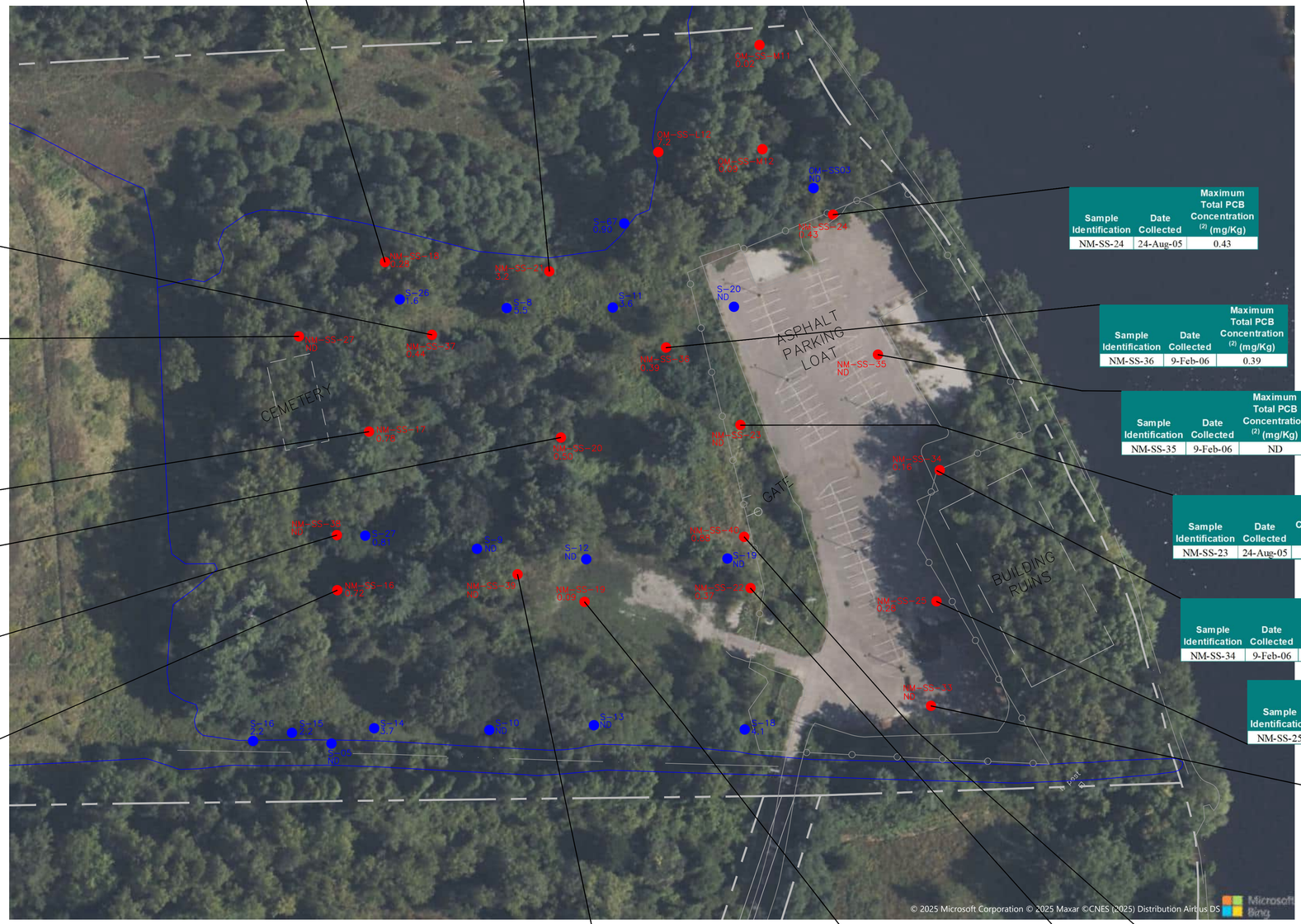
Sample Identification	Date Collected	Maximum Total PCB Concentration (2) (mg/Kg)
NM-SS-33	9-Feb-06	ND

Sample Identification	Date Collected	Maximum Total PCB Concentration (2) (mg/Kg)
NM-SS-39	9-Feb-06	ND

Sample Identification	Date Collected	Maximum Total PCB Concentration (2) (mg/Kg)
NM-SS-19	24-Aug-05	0.089

Sample Identification	Date Collected	Maximum Total PCB Concentration (2) (mg/Kg)
NM-SS-22	24-Aug-05	0.37

Sample Identification	Date Collected	Maximum Total PCB Concentration (2) (mg/Kg)
NM-SS-40	9-Feb-06	0.88



APPROXIMATE SCALE IN FEET

0 60 120 180

FIGURE 3-1 SURFACE SOIL LOCATIONS AND RESULTS SPECIAL AREA 13 – SECOND FILL AREA MOREAU, NEW YORK

Y:\CAD\NYSDEC 2023\SA13 - 2023\Figures\SA13 Data boxes - PCB Report.dwg, 8/31/2023 11:20:43 AM

LEGEND

MP-25 4.0 ● SURFACE SOIL LOCATION

NOTE

1. ORTHO IMAGERY SHOWN IS FROM SARATOGA COUNTY (2019).
2. BOLD AND SHADED VALUES EXCEED SOIL CLEANUP OBJECTIVE OF 1 MG/KG, WHILE BOLD ITALICIZED SCREENING TEST VALUES MAY EXCEED THE SOIL CLEANUP OBJECTIVE (NYSDEC PART 375.6-8 RESIDENTIAL USE).

Sample Point	Date Collected	Maximum Total PCB Concentration (2) (mg/Kg)
MP20	9/24/2002	**1.8**

Sample Point	Date Collected	Maximum Total PCB Concentration (2) (mg/Kg)
MP19	9/24/2002	**1.6**

Sample Point	Date Collected	Maximum Total PCB Concentration (2) (mg/Kg)
MP23	9/24/2002	0.61

Sample Point	Date Collected	Maximum Total PCB Concentration (2) (mg/Kg)
MP24	9/24/2002	0.93

Sample Point	Date Collected	Maximum Total PCB Concentration (2) (mg/Kg)
MP26	9/24/2002	0.35

Sample Point	Date Collected	Maximum Total PCB Concentration (2) (mg/Kg)
MP21	9/24/2002	0.77

Sample Point	Date Collected	Maximum Total PCB Concentration (2) (mg/Kg)
MP09	9/24/2002	**9.3**

Sample Point	Date Collected	Maximum Total PCB Concentration (2) (mg/Kg)
MP08	9/24/2002	**4.4**

Sample Point	Date Collected	Maximum Total PCB Concentration (2) (mg/Kg)
MP13	9/24/2002	0.8

Sample Point	Date Collected	Maximum Total PCB Concentration (2) (mg/Kg)
MP12	9/24/2002	**1.8**

Sample Point	Date Collected	Maximum Total PCB Concentration (2) (mg/Kg)
MP05	9/24/2002	0.61

Sample Point	Date Collected	Maximum Total PCB Concentration (2) (mg/Kg)
MP04	9/24/2002	0.36

Sample Point	Date Collected	Maximum Total PCB Concentration (2) (mg/Kg)
MP06	9/24/2002	0.92

Sample Point	Date Collected	Maximum Total PCB Concentration (2) (mg/Kg)
MP10	9/24/2002	**1.5**

Sample Point	Date Collected	Maximum Total PCB Concentration (2) (mg/Kg)
MP40	9/24/2002	**11**

Sample Point	Date Collected	Maximum Total PCB Concentration (2) (mg/Kg)
MP36	9/24/2002	**13**

Sample Point	Date Collected	Maximum Total PCB Concentration (2) (mg/Kg)
MP41	9/24/2002	0.59

Sample Point	Date Collected	Maximum Total PCB Concentration (2) (mg/Kg)
MP39	9/24/2002	**5.2**

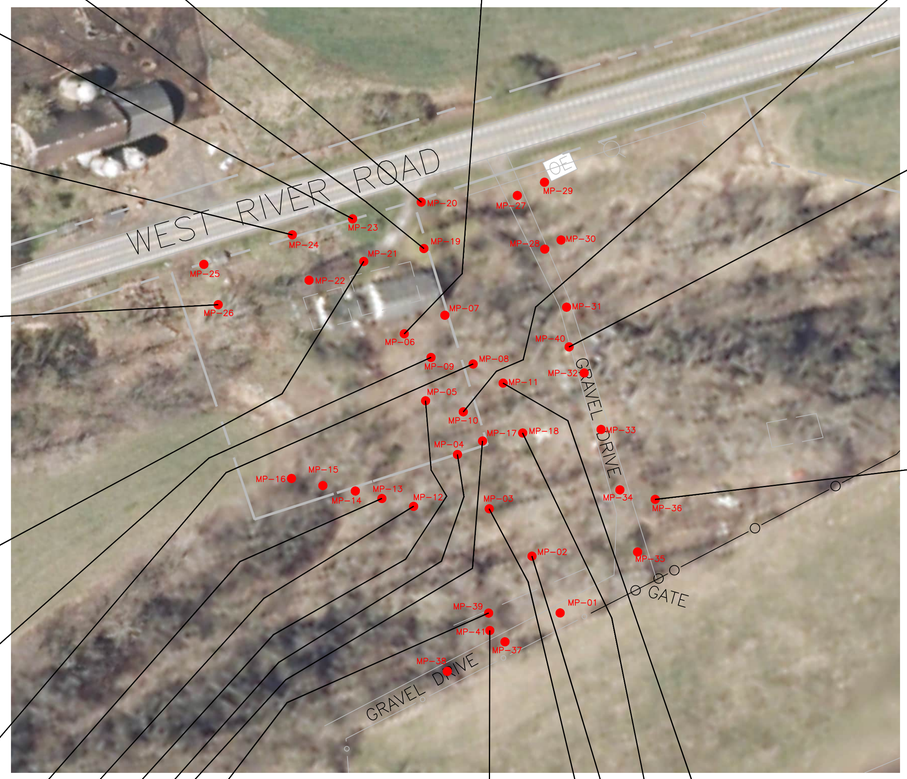
Sample Point	Date Collected	Maximum Total PCB Concentration (2) (mg/Kg)
MP17	9/24/2002	**5**

Sample Point	Date Collected	Maximum Total PCB Concentration (2) (mg/Kg)
MP03	9/24/2002	**1.9**

Sample Point	Date Collected	Maximum Total PCB Concentration (2) (mg/Kg)
MP02	9/24/2002	**15**

Sample Point	Date Collected	Maximum Total PCB Concentration (2) (mg/Kg)
MP11	9/24/2002	**7.4**

Sample Point	Date Collected	Maximum Total PCB Concentration (2) (mg/Kg)
MP18	9/24/2002	**11**



APPROXIMATE SCALE IN FEET

0 60 120 180

ecology and environment engineering and geology p.c.

FIGURE 3-2 SURFACE SOIL LOCATIONS AND RESULTS SPECIAL AREA 13 – THIRD FILL AREA MOREAU, NEW YORK

LEGEND

- OM-55 — BOREHOLE LOCATION (NYSDEC 1992)
- NM-BH-07 — BOREHOLE LOCATION
- OM-TP-25 — TEST PIT LOCATION
- OM-MW-06 ND — MONITORING WELL LOCATION

NOTE

1. ORTHO IMAGERY SHOWN IS FROM SARATOGA COUNTY (2019).
2. BOLD AND SHADED VALUES EXCEED SOIL CLEANUP OBJECTIVE OF 1 MG/KG, WHILE BOLD ITALICIZED SCREENING TEST VALUES MAY EXCEED THE SOIL CLEANUP OBJECTIVE (NYSDEC PART 375.6-8 RESIDENTIAL USE).

Sample Identification	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
OM-55	0-2	**7.0**
	5-7	ND

Sample Identification	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
NM-BH-07-01	0.5 - 1	0.18
NM-BH-07-02	3 - 4	0.04
NM-BH-07-03	11 - 12	ND

Sample Identification	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
OM-TP-25-01	0-0.5	**1.3**
OM-TP-25-02	0.5-5	**46**
OM-TP-25-03	5-7	0.06
OM-TP-25-04	0.5	**2.6**

Sample Identification	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
OM-TP-26-01	0-0.5	0.55
OM-TP-26-02	0.5-8	**21**
OM-TP-26-03	8.5	0.01
OM-TP-26-04	0.5	**7.7**

Sample Identification	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
NM-MW-04-01	0.5	0.44
NM-MW-04-02	1.0	**15**
NM-MW-04-03	3.0	0.01
NM-MW-04-04	11.5	ND
NM-MW-04-05	15	0.01

Sample Identification	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
OM-46	0-2	**13.0**
	2-4	**5.0**

Sample Identification	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
OM-MW-06-01	4 - 6	0.01
OM-MW-06-02	15.5 - 16	ND
OM-MW-06-03	17 - 18	ND

Sample Identification	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
OM-47	0-2	ND
	2-4	ND

Sample Identification	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
NM-BH-15-01	0.2 - 0.6	**13**
NM-BH-15-02	2.1 - 2.6	ND

Sample Identification	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
NM-BH-14-01	0.8 - 1.0	**7.2**
NM-BH-14-02	1.1 - 1.6	ND

Sample Identification	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
NM-BH-16-01	4.7 - 5.2	ND

Sample Identification	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
OM-49	5-7	ND

Sample Identification	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
NM-BH-17-01	0.4 - 1.7	**4.4**
NM-BH-17-02	5.7 - 6.0	ND

Sample Identification	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
OM-48	1-4	**3.0**
	4-7	**8.0**

Sample Identification	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
NM-MW-05-01	1.0	**12**
NM-MW-05-02	9.5	ND
NM-MW-05-03	17	ND
NM-MW-05-04	21	ND
NM-MW-05-05	23.5	ND

Sample Identification	Depth (feet bgs)	Total PCB Concentration (2) (mg/Kg)
OM-62	2-3	**55.0**
	3-4	ND

Sample Identification	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
NM-TP-05-01	0.5	0.18
NM-TP-05-02	2.5	**23**
NM-TP-05-03	5.0	ND
NM-TP-05-04	10.0	0.1

Sample Identification	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
NM-BH-21-01	0.9 - 2.0	**4.2**
NM-BH-21-02	2.4 - 4.0	**6.3**

Sample Identification	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
NM-TP-06-01	0.5	0.51
NM-TP-06-02	1.5	**10**
NM-TP-06-03	2.0	0.14
NM-TP-06-04	8.0	ND
NM-TP-06-05	10.0	ND

Sample Identification	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
OM-54	0-2	**33.0**

Sample Identification	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
NM-BH-13-01	2.4 - 2.8	ND

Sample Identification	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
NM-BH-18-01	3.0 - 3.5	ND

Sample Identification	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
OM-50	0-4	**19.0**
	5-7	ND

Sample Identification	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
NM-MW-06-01	0.5	ND
NM-MW-06-02	6.0	ND
NM-MW-06-03	11.5	ND
NM-MW-06-04	17.5	ND

Sample Identification	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
NM-TP-04-01	0.5	**1.6**
NM-TP-04-02	1.0	**22**
NM-TP-04-03	3.0	**1.7**

Sample Identification	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
NM-BH-11-01	2.0 - 3.0	**15**
NM-BH-11-02	6.8 - 7.2	**1.7**

Sample Identification	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
NM-BH-10-01	0.5 - 0.8	0.09

Sample Identification	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
NM-BH-19-01	1.0 - 2.0	**11**
NM-BH-19-02	2.6 - 3.1	ND

Sample Identification	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
OM-59	1-3	**28.0**
	3-4	**38.0**

Sample Identification	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
NM-TP-01-01	0.5	0.53
NM-TP-01-02	1.5	**16**
NM-TP-01-03	2.5	ND
NM-TP-01-04	9.0	ND

Sample Identification	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
OM-51	0-2	**21.0**
	2-4	ND

Sample Identification	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
OM-56	0.5-3.75	**50.0**
	5-7	ND

Sample Identification	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
NM-BH-22-01	2.0 - 3.6	**5.6**
NM-BH-22-02	3.7 - 4.0	ND

Sample Identification	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
NM-TP-02-01	0.5	0.84
NM-TP-02-02	2.0	**16**
NM-TP-02-03	3.0	0.037
NM-TP-02-04	8.0	ND
NM-TP-02-05	1.0	**13**

Sample Identification	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
NM-BH-20-01	2.0 - 3.5	**9.8**
NM-BH-20-02	3.7 - 4.0	**1.6**

Sample Identification	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
OM-52	0-2	**41.0**
	2-4	ND

Sample Identification	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
NM-BH-12-01	0.3 - 1.0	**1.9**
NM-BH-12-02	2.3 - 2.6	ND

Sample Identification	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
NM-TP-03-01	0.5	0.17
NM-TP-03-02	2.5	**20**
NM-TP-03-03	6.0	ND

Sample Identification	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
OM-53	1-3	**31.0**
	3-4	ND

APPROXIMATE SCALE IN FEET
0 60 120 180

FIGURE 3-3 BOREHOLES, MONITORING WELLS, AND TEST PIT LOCATIONS AND RESULTS SPECIAL AREA 13 – SECOND FILL AREA MOREAU, NEW YORK

ecology and environment engineering and geology p.c.

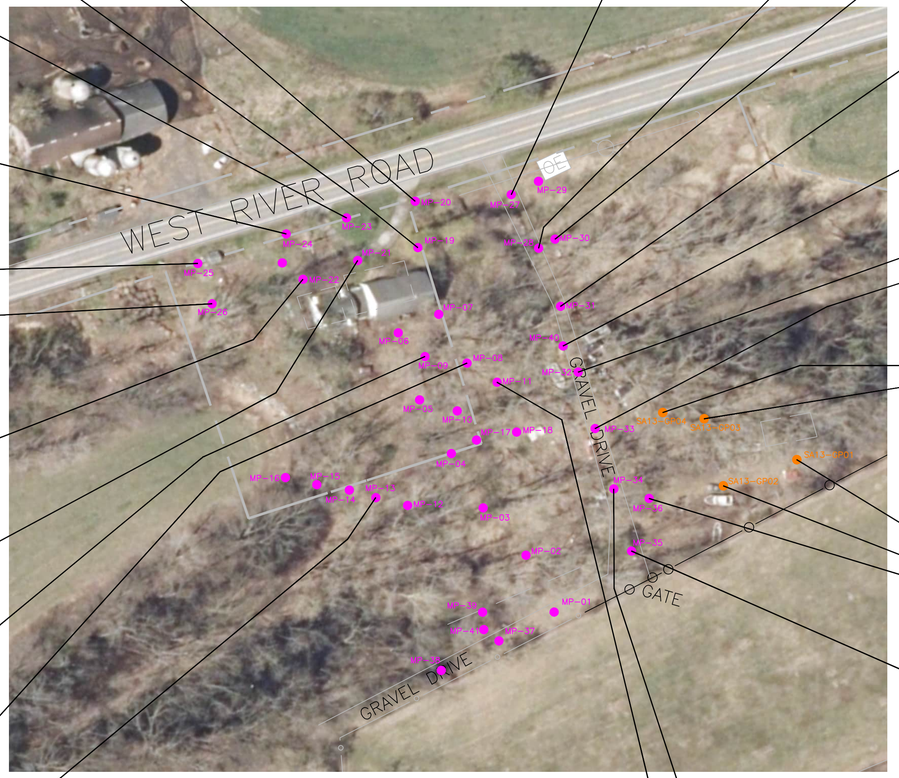
LEGEND

MP-25 ● BOREHOLE LOCATION

SA13-GP04 ● BOREHOLE LOCATION – ECOLOGY AND ENVIRONMENT ENGINEERING AND GEOLOGY P.C. (2021)

NOTE

1. ORTHO IMAGERY SHOWN IS FROM SARATOGA COUNTY (2019).
2. BOLD AND SHADED VALUES EXCEED SOIL CLEANUP OBJECTIVE OF 1 MG/KG, WHILE BOLD ITALICIZED SCREENING TEST VALUES MAY EXCEED THE SOIL CLEANUP OBJECTIVE (NYSDEC PART 375.6-8 RESIDENTIAL USE).



Sample Point	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
MP20	5-11	**11**

Sample Point	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
MP19	16-20	**9**

Sample Point	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
MP23	8-12	0.6

Sample Point	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
MP24	8-12	**25**

Sample Point	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
MP25	12-16	0.23

Sample Point	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
MP26	3-7	**1.4**

Sample Point	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
MP22	10-14	**30**

Sample Point	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
MP21	10-14	**6.7**

Sample Point	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
MP09	6-12	**21**

Sample Point	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
MP08	16-22	**24**

Sample Point	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
MP13	0-6	0.98

Sample Point	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
MP27	12-16	**6.4**

Sample Point	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
MP28	6-9	**13**

Sample Point	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
MP30	10-14	**11**

Sample Point	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
MP31	8-12	**20**

Sample Point	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
MP40	10-14	**19**

Sample Point	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
MP32	8-12	**15**

Sample Point	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
MP33	14-18	**28**

Sample Point	Depth (feet bgs)	Maximum Total PCB concentration (mg/kg)
GP-04	0.5 - 1	**13**

Sample Point	Depth (feet bgs)	Maximum Total PCB concentration (mg/kg)
GP-03	1 - 1.5	**4**

Sample Point	Depth (feet bgs)	Maximum Total PCB concentration (mg/kg)
GP-01	1.5 - 2	**14**

Sample Point	Depth (feet bgs)	Maximum Total PCB concentration (mg/kg)
GP-02	1 - 1.5	**6.2**

Sample Point	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
MP36	10-14	**2.8**

Sample Point	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
MP35	12-16	**9**

Sample Point	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
MP11	8-12	**22**

Sample Point	Depth (feet bgs)	Maximum Total PCB Concentration (2) (mg/Kg)
MP34	9-14	**17**

APPROXIMATE SCALE IN FEET

0 60 120 180

ecology and environment engineering and geology p.c.

FIGURE 3-4 BOREHOLE LOCATIONS AND RESULTS SPECIAL AREA 13 – THIRD FILL AREA MOREAU, NEW YORK

TABLES

Table 3-1 Summary of Total PCB Concentrations in Surface Soil Samples, Second Fill Area

Sample Identification	Date Collected	Maximum Total PCB Concentration [2] (mg/Kg)
NM-SS-16	24-Aug-05	0.72
NM-SS-17	24-Aug-05	0.78
NM-SS-18	24-Aug-05	0.28
NM-SS-19	24-Aug-05	0.089
NM-SS-20	24-Aug-05	0.5
NM-SS-21	24-Aug-05	**3.2**
NM-SS-22	24-Aug-05	0.37
NM-SS-23	24-Aug-05	ND
NM-SS-24	24-Aug-05	0.43
NM-SS-25	24-Aug-05	0.28
NM-SS-27	9-Feb-06	ND
NM-SS-33	9-Feb-06	ND
NM-SS-34	9-Feb-06	0.16
NM-SS-35	9-Feb-06	ND
NM-SS-36	9-Feb-06	0.39
NM-SS-37	9-Feb-06	0.44
NM-SS-38	9-Feb-06	ND
NM-SS-39	9-Feb-06	ND
NM-SS-40	9-Feb-06	0.88
OM-SS-03	26-Aug-05	0.042
OM-SS-L12	17-Aug-05	**7.2**
OM-SS-M11	17-Aug-05	0.015
OM-SS-M12	17-Aug-05	0.091
S-05	2002	ND
S-08	2002	**5.5**
S-09	2002	ND
S-10	2002	ND
S-11	2002	**3.6**
S-12	2002	ND
S-13	2002	ND
S-14	2002	**3.7**
S-15	2002	**2.2**
S-16	2002	**2.2**
S-18	2002	**4.1**
S-19	2002	ND
S-20	2002	ND
S-26	2002	**1.6**
S-27	2002	0.81
S-67	2002	0.9

[1] Field duplicate samples listed in parentheses are from confirmation samples.

[2] Bold and shaded values exceed soil cleanup objective of 1 mg/Kg, while

[3] 2002 samples collected by NYSDEC

Key:

mg/Kg = Milligrams/Kilogram.

ND = All Aroclors were non-detect.

U = Not detected at the reporting limit shown.

UJ = Not detected at the estimated reporting limit shown.

Blank spaces indicate PCBs were not analyzed for confirmation or field duplicate samples.

Table 3-2 Summary of Total PCB Concentrations in Surface Soil Samples, Third Fill Area

Sample Identification	Date Collected	Maximum Total PCB Concentration [2] (mg/Kg)
MP-02	24-Sep-02	**15**
MP-03	24-Sep-02	**1.9**
MP-04	24-Sep-02	0.36 J
MP-05	24-Sep-02	0.61
MP-06	24-Sep-02	0.92
MP-08	24-Sep-02	**4.4**
MP-09	24-Sep-02	**9.3**
MP-10	24-Sep-02	**1.5**
MP-11	24-Sep-02	**7.4**
MP-12	24-Sep-02	**1.8**
MP-13	24-Sep-02	0.8
MP-17	24-Sep-02	**5**
MP-18	24-Sep-02	**11**
MP-19	24-Sep-02	**1.6**
MP-20	24-Sep-02	**1.8**
MP-21	24-Sep-02	0.77
MP-23	24-Sep-02	0.61 J
MP-24	24-Sep-02	0.93
MP-26	24-Sep-02	0.35 J
MP-36	24-Sep-02	**13**
MP-39	24-Sep-02	**5.2**
MP-40	24-Sep-02	**11**
MP-41	24-Sep-02	0.59

[1] Field duplicate samples listed in parentheses are from confirmation samples.

[2] Bold and shaded values exceed soil cleanup objective of 1

Key:

mg/Kg = Milligrams/Kilogram.

ND = All Aroclors were non-detect.

U = Not detected at the reporting limit shown.

UJ = Not detected at the estimated reporting limit shown.

Blank spaces indicate PCBs were not analyzed for confirmation or field duplicate samples.

Table 3-3 Summary of Total PCB Concentrations in Borehole Subsurface Soil Samples, Second Fill Area

Sample Identification	Date Collected	Depth (feet bgs)	Maximum Total PCB Concentration [(2)] (mg/Kg)
NM-BH-07-01	21-Sep-05	0.5 - 1	0.18
NM-BH-07-02	21-Sep-05	3 - 4	0.04
NM-BH-07-03	21-Sep-05	11 - 12	ND
NM-BH-10-01	7-Feb-06	0.5 - 0.8	0.09
NM-BH-11-01	7-Feb-06	2.0 - 3.0	**15**
NM-BH-11-02	7-Feb-06	6.8 - 7.2	**1.7**
NM-BH-12-01	7-Feb-06	0.3 - 1.0	**1.9**
NM-BH-12-02	7-Feb-06	2.3 - 2.6	ND
NM-BH-13-01	7-Feb-06	2.4 - 2.8	ND
NM-BH-14-01	7-Feb-06	0.8 - 1.0	**7.2**
NM-BH-14-02	7-Feb-06	1.1 - 1.6	ND
NM-BH-15-01	7-Feb-06	0.2 - 0.6	**13**
NM-BH-15-02	7-Feb-06	2.1 - 2.6	ND
NM-BH-16-01	7-Feb-06	4.7 - 5.2	ND
NM-BH-17-01	7-Feb-06	0.4 - 1.7	**4.4**
NM-BH-17-02	7-Feb-06	5.7 - 6.0	ND
NM-BH-18-01	7-Feb-06	3.0 - 3.5	ND
NM-BH-19-01	7-Feb-06	1.0 - 2.0	**11**
NM-BH-19-02	7-Feb-06	2.6 - 3.1	ND
NM-BH-20-01	7-Feb-06	2.0 - 3.5	**9.8**
NM-BH-20-02	7-Feb-06	3.7 - 4.0	**1.6**
NM-BH-21-01	7-Feb-06	0.9 - 2.0	**4.2**
NM-BH-21-02	7-Feb-06	2.4 - 4.0	**6.3**
NM-BH-22-01	7-Feb-06	2.0 - 3.6	**5.6**
NM-BH-22-02	7-Feb-06	3.7 - 4.0	ND
NM-MW-04-01	28-Sep-05	0.5	0.44
NM-MW-04-02	28-Sep-05	1.0	**15**
NM-MW-04-03	28-Sep-05	3.0	0.01
NM-MW-04-04	28-Sep-05	11.5	ND
NM-MW-04-05	28-Sep-05	15	0.01
NM-MW-05-01	3-Oct-05	1.0	**12**
NM-MW-05-02	3-Oct-05	9.5	ND
NM-MW-05-03	3-Oct-05	17	ND
NM-MW-05-04	3-Oct-05	21	ND
NM-MW-05-05	3-Oct-05	23.5	ND
NM-MW-06-01	3-Oct-05	0.5	ND
NM-MW-06-02	3-Oct-05	6.0	ND
NM-MW-06-03	3-Oct-05	11.5	ND
NM-MW-06-04	3-Oct-05	17.5	ND
OM-MW-06-01	20-Sep-05	4 - 6	0.01
OM-MW-06-02	22-Sep-05	15.5 - 16	ND
OM-MW-06-03	22-Sep-05	17 - 18	ND
OM-46	10-Sep-90	0-2	**13**
OM-46	10-Sep-90	2-4	**5**
OM-47	10-Sep-90	0-2	ND
OM-47	10-Sep-90	2-4	ND

Table 3-3 Summary of Total PCB Concentrations in Borehole Subsurface Soil Samples, Second Fill Area

Sample Identification	Date Collected	Depth (feet bgs)	Maximum Total PCB Concentration [2] (mg/Kg)
OM-48	17-Sep-90	1-4	**3**
OM-48	17-Sep-90	4-7	**8**
OM-49	5-Sep-90	5-7	ND
OM-50	5-Sep-90	0-4	**19**
OM-50	5-Sep-90	5-7	ND
OM-51	6-Sep-90	0-2	**21**
OM-51	6-Sep-90	2-4	ND
OM-52	6-Sep-90	0-2	**41**
OM-52	6-Sep-90	2.4	ND
OM-53	5-Sep-90	1-3	**31**
OM-53	5-Sep-90	3-4	ND
OM-54	5-Sep-90	0-2	**33**
OM-55	6-Sep-90	0-2	**7**
OM-55	6-Sep-90	5-7	ND
OM-58	10-Sep-90	2-4	ND
OM-58	10-Sep-90	4-6	**24**
OM-59	6-Sep-90	1-3	**28**
OM-59	6-Sep-90	3-4	**38**
OM-62	10-Sep-90	2-3	**55**
OM-62	10-Sep-90	3-4	ND

[1] Field duplicate samples listed in parentheses are from confirmation samples.

[2] Bold and shaded values exceed soil cleanup objective of 1 mg/Kg, while bold italicized screening test values may exceed the soil cleanup objective (NYSDEC Part 375.6-8 Residential Use).

[3] Sample was re-extracted and re-analyzed well outside of holding time due inconsistency in results. The re-analysis results is reported.

Key:

bgs = Below ground surface.
mg/Kg = Milligrams/Kilogram.
ND = All Aroclors were non-detect.
U = Not detected at the reporting limit shown.
UJ = Not detected at the estimated reporting limit shown.
Blank spaces indicate PCBs were not analyzed for confirmation or field duplicate samples.

Table 3-4 Summary of Total PCB Concentrations in Test Pit Subsurface Soil Samples, Second Fill Area

Sample Identification	Date Collected	Depth (feet bgs)	Maximum Total PCB Concentration [2] (mg/Kg)
NM-TP-01-01	25-Aug-05	0.5	0.53
NM-TP-01-02	25-Aug-05	1.5	**16**
NM-TP-01-03	25-Aug-05	2.5	ND
NM-TP-01-04	25-Aug-05	9.0	ND
NM-TP-02-01	26-Aug-05	0.5	0.84
NM-TP-02-02	26-Aug-05	2.0	**16**
NM-TP-02-03	26-Aug-05	3.0	0.037
NM-TP-02-04	26-Aug-05	8.0	ND
NM-TP-02-05	26-Aug-05	1.0	**13**
NM-TP-03-01	26-Aug-05	0.5	0.17
NM-TP-03-02	26-Aug-05	2.5	**20**
NM-TP-03-03	26-Aug-05	6.0	ND
NM-TP-04-01	26-Aug-05	0.5	**1.6**
NM-TP-04-02	26-Aug-05	1.0	**22**
NM-TP-04-03	26-Aug-05	3.0	**1.7**
NM-TP-05-01	26-Aug-05	0.5	0.18
NM-TP-05-02	26-Aug-05	2.5	**23**
NM-TP-05-03	26-Aug-05	5.0	ND
NM-TP-05-04	26-Aug-05	10.0	0.1
NM-TP-06-01	29-Aug-05	0.5	0.51
NM-TP-06-02	29-Aug-05	1.5	**10**
NM-TP-06-03	29-Aug-05	2.0	0.14
NM-TP-06-04	29-Aug-05	8.0	ND
NM-TP-06-05	29-Aug-05	10.0	ND
OM-TP-25-01	22-Aug-05	0-0.5	**1.3**
OM-TP-25-02	22-Aug-05	0.5-5	**46**
OM-TP-25-03	22-Aug-05	5-7	0.06
OM-TP-25-04	22-Aug-05	0.5	**2.6**
OM-TP-26-01	22-Aug-05	0-0.5	0.55
OM-TP-26-02	22-Aug-05	0.5-8	**21**
OM-TP-26-03	22-Aug-05	8.5	0.01
OM-TP-26-04	22-Aug-05	0.5	**7.7**

[1] Field duplicate resultss listed in parentheses are from confirmation samples.

[2] Bold and shaded value exceeds cleanup objective of 1 mg/Kg (New York State Department of Environmental Conservation Part

Key:

bgs = below ground surface

J = Estimated value ("-" is biased low and "+" is biased high)

U = Not detected

µg/Kg = micrograms/kilogram

ND = All samples were non-detect

U = Non-detect at the reported practical quantitation limit

Blank spaces indicate PCBs were not analyzed for confirmation or field duplicates.

Table 3-5 Summary of Total PCB Concentrations in Subsurface Soil Samples, Third Fill Area

Sample Identification	Date Collected	Sample Interval (inches bgs)	Maximum Total PCB Concentration [2] (mg/Kg)
MP-08	23-Aug-02	16-22	**24**
MP-09	23-Aug-02	6-12	**21**
MP-11	23-Aug-02	8-12	**22**
MP-13	23-Aug-02	0-6	0.98
MP-19	23-Aug-02	16-20	**9**
MP-20	23-Aug-02	5-11	**11**
MP-21	23-Aug-02	10-14	**6.7**
MP-22	23-Aug-02	10-14	**30**
MP-23	23-Aug-02	8-12	0.6
MP-24	23-Aug-02	8-12	**25**
MP-25	23-Aug-02	12-16	0.23 J
MP-26	23-Aug-02	3-7	**1.4**
MP-27	23-Aug-02	12-16	**6.4**
MP-28	23-Aug-02	6-9	**13**
MP-30	23-Aug-02	10-14	**11**
MP-31	23-Aug-02	8-12	**20**
MP-32	23-Aug-02	8-12	**15**
MP-33	23-Aug-02	14-18	**28**
MP-34	23-Aug-02	9-14	**17**
MP-35	23-Aug-02	12-16	**9**
MP-36	23-Aug-02	10-14	**2.8**
MP-40	23-Aug-02	10-14	**19**
GP-01	23-Jul-21	18 - 24	**14**
GP-01	23-Jul-21	84 - 96	ND
GP-02	23-Jul-21	12 - 18	**6.2**
GP-02	23-Jul-21	96 - 110	ND
GP-02	23-Jul-21	130 - 140	ND
GP-03	23-Jul-21	12 - 18	**4**
GP-03	23-Jul-21	30 - 36	ND
GP-04	23-Jul-21	6 - 12	**13**
GP-04	23-Jul-21	18 - 24	ND
GP-04	23-Jul-21	18 - 24	ND

[1] Field duplicate samples listed in parentheses are from confirmation samples.

[2] Bold and shaded values exceed soil cleanup objective of 1 mg/Kg,

Key:

mg/Kg = Milligrams/Kilogram.

ND = All Aroclors were non-detect.

U = Not detected at the reporting limit shown.

UJ = Not detected at the estimated reporting limit shown.

Blank spaces indicate PCBs were not analyzed for confirmation or field duplicate samples.

Table 3-6 Summary of Analytical Results for Groundwater Special Area 13 Dredge Spoils Disposal Area

Analyte	Screening Criteria [1] [2]	Sample ID: Date:	NM-MW-02-GW 12/06/2005	NM-MW-02-GW 3/21/2006	NM-MW-02-GW/D 3/21/2006	NM-MW-02-GW 6/16/2006	NM-MW-02-GW 9/27/2006	NM-MW-02 6/24/2008	NM-MW-02 9/25/2008	NM-MW-02-JUL23 7/13/2023	NM-MW-02-JUL23-FF 7/13/2023
PCBs by Method 8082 (µg/L)											
Aroclor 1016	0.5		0.50 U	0.47 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.50 U	0.50 U
Aroclor 1221	0.5		0.50 U	0.47 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.50 U	0.50 U
Aroclor 1232	0.5		0.50 U	0.47 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.50 U	0.50 U
Aroclor 1242	0.5		0.50 U	0.47 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.50 U	0.50 U
Aroclor 1248	0.5		0.50 U	0.47 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.50 U	0.50 U
Aroclor 1254	0.5		0.50 U	0.47 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.50 U	0.50 U
Aroclor 1260	0.5		0.50 U	0.47 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.50 U	0.50 U
Total PCBs (µg/L)	0.5		ND	ND	ND	ND	ND	ND	ND	ND	ND

[1] United States Environmental Protection Agency Toxic Substances and Control Act (TSCA) Decontamination standard for water containing PCBs per 40 CFR 761.79(b)(1)(iii)

[2] Groundwater standards for PCBs apply to the total concentration. The values are shown for individual Aroclors for comparison purposes only.

Bolded and shaded values exceed screening criteria.

Key:

/D or -Q = field duplicate sample

J = Estimated value ("-" is biased low and "+" is biased high)

PCB = Polychlorinated Biphenyls

U = Not detected

µg/L = microgram/Liter

Table 3-6 Summary of Analytical Results for Groundwater Special Area 13 Dredge Spoils Disposal Area

Analyte	Screening Criteria [1] [2]	Sample ID: Date:	NM-MW-03-GW 12/6/2005	NM-MW-03-GW 3/21/2006	NM-MW-03-GW 6/19/2006	NM-MW-03-GW 9/27/2006	NM-MW-03 6/24/2008	NM-MW-03 9/25/2008	NM-MW-04-GW 12/6/2005	NM-MW-04-GW 3/22/2006	NM-MW-04-GW 6/19/2006
PCBs by Method 8082 (µg/L)											
Aroclor 1016	0.5		0.48 U	0.48 U	0.47 U	0.48 U	0.47 UJ	0.48 UJ	0.49 U	0.47 U	0.47 U
Aroclor 1221	0.5		0.48 U	0.48 U	0.47 U	0.48 U	0.47 UJ	0.48 UJ	0.49 U	0.47 U	0.47 U
Aroclor 1232	0.5		0.48 U	0.48 U	0.47 U	0.48 U	0.47 UJ	0.48 UJ	0.49 U	0.47 U	0.47 U
Aroclor 1242	0.5		0.48 U	0.48 U	0.47 U	0.48 U	0.47 UJ	0.48 UJ	0.49 U	0.47 U	0.47 U
Aroclor 1248	0.5		0.48 U	0.48 U	0.47 U	0.48 U	0.47 UJ	0.48 UJ	0.49 U	0.47 U	0.47 U
Aroclor 1254	0.5		0.48 U	0.48 U	0.47 U	0.48 U	0.47 UJ	0.48 UJ	0.49 U	0.47 U	0.47 U
Aroclor 1260	0.5		0.48 U	0.48 U	0.47 U	0.48 U	0.47 UJ	0.48 UJ	0.49 U	0.47 U	0.47 U
Total PCBs (µg/L)	0.5		ND	ND	ND	ND	ND	ND	ND	ND	ND

[1] United States Environmental Protection Agency Toxic Substances and Control Act (TSCA) Decontamination standard for water containing PCBs per 40 CFR 761.79(b)(1)(iii)

[2] Groundwater standards for PCBs apply to the total concentration. The values are shown for individual Aroclors for comparison purposes only.

Bolded and shaded values exceed screening criteria.

Key:

/D or -Q = field duplicate sample

J = Estimated value ("-" is biased low and "+" is biased high)

PCB = Polychlorinated Biphenyls

U = Not detected

µg/L = microgram/Liter

Table 3-6 Summary of Analytical Results for Groundwater Special Area 13 Dredge Spoils Disposal Area

Analyte	Screening Criteria [1] [2]	Sample ID: Date:	NM-MW-04-GW 9/27/2006	NM-MW-04-JUL23 7/12/2023	NM-MW-04-JUL23-Q 7/12/2023	NM-MW-04-JUL23-FF 7/12/2023	NM-MW-04-JUL23-Q-FF 7/12/2023	NM-MW-05-GW 12/6/2005	NM-MW-05-GW 3/22/2006	NM-MW-05-GW 6/19/2006
PCBs by Method 8082 (µg/L)										
Aroclor 1016	0.5		0.48 U	0.50 U	0.50 U	0.50 U	0.50 U	0.47 UJ	0.47 U	0.47 U
Aroclor 1221	0.5		0.48 U	0.50 U	0.50 U	0.50 U	0.50 U	0.47 UJ	0.47 U	0.47 U
Aroclor 1232	0.5		0.48 U	0.50 U	0.50 U	0.50 U	0.50 U	0.47 UJ	0.47 U	0.47 U
Aroclor 1242	0.5		0.48 U	0.50 U	0.50 U	0.50 U	0.50 U	0.47 UJ	0.47 U	0.47 U
Aroclor 1248	0.5		0.48 U	0.50 U	0.50 U	0.50 U	0.50 U	0.47 UJ	0.47 U	0.47 U
Aroclor 1254	0.5		0.48 U	0.50 U	0.50 U	0.50 U	0.50 U	0.47 UJ	0.47 U	0.47 U
Aroclor 1260	0.5		0.48 U	0.50 U	0.50 U	0.50 U	0.50 U	0.47 UJ	0.47 U	0.47 U
Total PCBs (µg/L)	0.5		ND	ND	ND	ND	ND	ND	ND	ND

[1] United States Environmental Protection Agency Toxic Substances and Control Act (TSCA) Decontamination standard for water containing PCBs per 40 CFR 761.79(b)(1)(iii)

[2] Groundwater standards for PCBs apply to the total concentration. The values are shown for individual Aroclors for comparison purposes only.

Bolded and shaded values exceed screening criteria.

Key:

/D or -Q = field duplicate sample

J = Estimated value ("-" is biased low and "+" is biased high)

PCB = Polychlorinated Biphenyls

U = Not detected

µg/L = microgram/Liter

Table 3-6 Summary of Analytical Results for Groundwater Special Area 13 Dredge Spoils Disposal Area

Analyte	Screening Criteria [1] [2]	Sample ID: Date:	NM-MW-05-GW 9/27/2006	NM-MW-05-JUL23 7/13/2023	NM-MW-05-JUL23-FF 7/13/2023	NM-MW-06-GW 12/6/2005	NM-MW-06-GW 3/22/2006	NM-MW-06-GW 6/19/2006	NM-MW-06-GW 9/27/2006	OM-MW-06-GW/D 12/06/2005	OM-MW-06-GW 12/06/2005
PCBs by Method 8082 (µg/L)											
Aroclor 1016	0.5		0.48 U	0.50 U	0.50 U	0.48 UJ	0.48 U	0.47 U	0.48 U	0.48 UJ	0.47 UJ
Aroclor 1221	0.5		0.48 U	0.50 U	0.50 U	0.48 UJ	0.48 U	0.47 U	0.48 U	0.48 UJ	0.47 UJ
Aroclor 1232	0.5		0.48 U	0.50 U	0.50 U	0.48 UJ	0.48 U	0.47 U	0.48 U	0.48 UJ	0.47 UJ
Aroclor 1242	0.5		0.48 U	0.50 U	0.50 U	0.48 UJ	0.48 U	0.47 U	0.48 U	0.48 UJ	0.47 UJ
Aroclor 1248	0.5		0.48 U	0.50 U	0.50 U	0.48 UJ	0.48 U	0.47 U	0.48 U	0.48 UJ	0.47 UJ
Aroclor 1254	0.5		0.48 U	0.50 U	0.50 U	0.48 UJ	0.48 U	0.47 U	0.48 U	0.48 UJ	0.47 UJ
Aroclor 1260	0.5		0.48 U	0.50 U	0.50 U	0.48 UJ	0.48 U	0.47 U	0.48 U	0.48 UJ	0.47 UJ
Total PCBs (µg/L)	0.5		ND	ND	ND	ND	ND	ND	ND	ND	ND

[1] United States Environmental Protection Agency Toxic Substances and Control Act (TSCA) Decontamination standard for water containing PCBs per 40 CFR 761.79(b)(1)(iii)

[2] Groundwater standards for PCBs apply to the total concentration. The values are shown for individual Aroclors for comparison purposes only.

Bolded and shaded values exceed screening criteria.

Key:

/D or -Q = field duplicate sample

J = Estimated value ("-" is biased low and "+" is biased high)

PCB = Polychlorinated Biphenyls

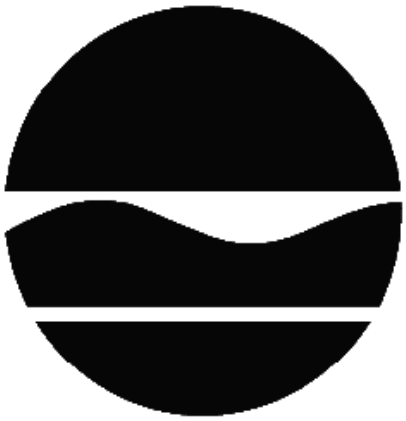
U = Not detected

µg/L = microgram/Liter

A Record of Decision

RECORD OF DECISION

Special Area 13 Dredge Spoil Disposal Area
State Superfund Project
Moreau, Saratoga County
Site No. 546041
December 2012



Prepared by
Division of Environmental Remediation
New York State Department of Environmental Conservation

DECLARATION STATEMENT - RECORD OF DECISION

Special Area 13 Dredge Spoil Disposal Area
State Superfund Project
Moreau, Saratoga County
Site No. 546041
December 2012

Statement of Purpose and Basis

This document presents the remedy for the Special Area 13 Dredge Spoil Disposal Area site, a Class 2 inactive hazardous waste disposal site. The remedial program was chosen in accordance with the New York State Environmental Conservation Law and Title 6 of the Official Compilation of Codes, Rules and Regulations of the State of New York (6 NYCRR) Part 375, and is not inconsistent with the National Oil and Hazardous Substances Pollution Contingency Plan of March 8, 1990 (40CFR300), as amended.

This decision is based on the Administrative Record of the New York State Department of Environmental Conservation (the Department) for the Special Area 13 Dredge Spoil Disposal Area site and the public's input to the proposed remedy presented by the Department. A listing of the documents included as a part of the Administrative Record is included in Appendix B of the ROD.

Description of Selected Remedy

The elements of the selected remedy are as follows:

1. Remedial Design

A remedial design program will be implemented to provide the details necessary for the construction, operation, maintenance, and monitoring of the remedial program. Green remediation principles and techniques will be implemented to the extent feasible in the design, implementation, and site management of the remedy as per DER-31. The major green remediation components are as follows;

- Considering the environmental impacts of treatment technologies and remedy stewardship over the long term;
- Reducing direct and indirect greenhouse gas and other emissions;
- Increasing energy efficiency and minimizing use of non-renewable energy;
- Conserving and efficiently managing resources and materials;
- Reducing waste, increasing recycling and increasing reuse of materials which would otherwise be considered a waste;
- Maximizing habitat value and creating habitat when possible;
- Fostering green and healthy communities and working landscapes which balance ecological, economic and social goals; and

- Integrating the remedy with the end use where possible and encouraging green and sustainable re-development.

2. Maintain the existing isolation cap/cover, which has been constructed, over the main dredge spoil disposal area at the Special Area 13 site to satisfy Toxic Substances Control Act requirements imposed by the United States Environmental Protection Agency.

3. Maintain the isolation soil covers that have been established beyond the margins of the main dredge spoil disposal area that are part of the TSCA-approved dredge spoil containment structure. These areas include those portions of the first fill area (NYSDEC Boat Launch in Moreau) that were subject to the installation of a soil cover and those areas within the second fill area at the northern extent of the site that are adequately covered by materials placed in association with the construction of General Electric's Work Support Marina Facility for the Hudson River PCBs Site remedial dredging project.

4. Installation of a cover system where current surficial PCB concentrations exceed 1 part per million for the commercial portions of the site (the main dredge spoil disposal area, fill area 1, and fill area 2). These areas include all portions of the Special Area 13 site where PCB-contaminated dredge spoils are exposed at the surface - and - that are not covered by an adequate cover at the present time - but excludes all of the residential use portion of the site. This currently includes two small areas adjacent to the river-side of the main dredge spoil disposal area, a small flood plain soil area south and east of the southeastern margin of the main dredge spoil disposal area, and those areas within the second fill area at the northern extent of the site that are outside of the adequate cover materials placed in association with the construction of General Electric's Work Support Marina Facility for the Hudson River PCBs Site remedial dredging project.

5. For the commercial portions of the site that are not covered by an adequate cover at the present time - a cover will be required to allow for commercial use of these areas of the site. Applicable cover will consist either of the structures such as buildings, pavement, sidewalks comprising any site development or a soil cover in areas where the upper one foot of exposed surface soil will exceed the applicable soil cleanup objectives (SCOs). Where a soil cover is required it will be a minimum of one foot of soil, meeting the SCOs for cover material as set forth in 6 NYCRR Part 375-6.7(d) for commercial use. The soil cover will be placed over a demarcation layer, with the upper six inches of the soil of sufficient quality to maintain a vegetation layer. Any fill material brought to the site will meet the requirements for the identified site use as set forth in 6 NYCRR Part 375-6.7(d).

6. For the residential use portion of the site and those areas immediately adjacent to it, removal and off-site disposal of contaminated soils to meet the residential use SCO of 1 ppm total PCBs in Part 375. This area adjoins the capped landfill cell to the west at the southern end and consists of shallow depression fill area which is oblate in shape with a maximum width of about 220 feet and a long axis length of around 500 feet that covers nearly 2.0 acres.

Approximately 17,500 cubic yards of soil will be removed. Clean fill meeting the requirements of 6 NYCRR Part 375-6.8 will be brought in to replace the excavated soil and establish the

designed grades at the site.

7. Imposition of an institutional control in the form of an environmental easement or an environmental notice for the controlled property that:

(a) requires the remedial party or site owner to complete and submit to the Department a periodic certification of institutional and engineering controls in accordance with Part 375-1.8(h)(3);
(b) allows the use and development of the controlled property for residential (parcels zoned residential) or commercial (parcels not zoned residential) use as defined by Part 375-1.8(g), although land use is subject to local zoning laws;
(c) restricts the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or County DOH;
(d) prohibits agriculture or vegetable gardens on the portions of the controlled property which were subject to remediation; and
(e) requires compliance with the Department approved Site Management Plan.

8. A Site Management Plan is required, which includes the following:

(a) an Institutional and Engineering Control Plan that identifies all use restrictions and engineering controls for the site and details the steps and media-specific requirements necessary to ensure the following institutional and/or engineering controls remain in place and effective:

    Institutional Controls: The Environmental Easements and Environmental Notices discussed in Paragraph 7 above.

    Engineering Controls: The existing isolation cap/cover discussed in Paragraph 2 above, the existing isolation covers discussed in Paragraph 3 above, and the soil covers discussed in Paragraph 4 and 5 above.

    This plan includes, but may not be limited to: (i) Excavation Plan which details the provisions for management of future excavations in areas of remaining contamination; (ii) descriptions of the provisions of the environmental easement including any land use and/or groundwater use restrictions; (iii) provisions for the management and inspection of the identified engineering controls; (iv) maintaining site access controls and Department notification; and (v) the steps necessary for the periodic reviews and certification of the institutional and/or engineering controls; and

(b) a Monitoring Plan to include, but not be limited to: (i) monitoring of groundwater to assess the performance and effectiveness of the remedy; and (ii) a schedule of monitoring and frequency of submittals to the Department.

New York State Department of Health Acceptance

The New York State Department of Health (NYSDOH) concurs that the remedy for this site is protective of human health.

Declaration

The selected remedy is protective of human health and the environment, complies with State and Federal requirements that are legally applicable or relevant and appropriate to the remedial action to the extent practicable, and is cost effective. This remedy utilizes permanent solutions and alternative treatment or resource recovery technologies, to the maximum extent practicable, and satisfies the preference for remedies that reduce toxicity, mobility, or volume as a principal element.

December 18, 2012

Date

Robert W. Schick, P.E., Director
Division of Environmental Remediation

RECORD OF DECISION

Special Area 13 Dredge Spoil Disposal Area
Moreau, Saratoga County
Site No. 546041
December 2012

SECTION 1: SUMMARY AND PURPOSE

The New York State Department of Environmental Conservation (the Department), in consultation with the New York State Department of Health (NYSDOH), has selected a remedy for the above referenced site. The disposal of hazardous wastes at the site has resulted in threats to public health and the environment that would be addressed by the remedy. The disposal or release of hazardous wastes at this site, as more fully described in this document, has contaminated various environmental media. The remedy is intended to attain the remedial action objectives identified for this site for the protection of public health and the environment. This Record of Decision (ROD) identifies the selected remedy, summarizes the other alternatives considered, and discusses the reasons for selecting the remedy.

The New York State Inactive Hazardous Waste Disposal Site Remedial Program (also known as the State Superfund Program) is an enforcement program, the mission of which is to identify and characterize suspected inactive hazardous waste disposal sites and to investigate and remediate those sites found to pose a significant threat to public health and environment.

The Department has issued this document in accordance with the requirements of New York State Environmental Conservation Law and 6 NYCRR Part 375. This document is a summary of the information that can be found in the site-related reports and documents.

SECTION 2: CITIZEN PARTICIPATION

The Department seeks input from the community on all remedies. A public comment period was held, during which the public was encouraged to submit comment on the proposed remedy. All comments on the remedy received during the comment period were considered by the Department in selecting a remedy for the site. Site-related reports and documents were made available for review by the public at the following document repositories:

New York State Department of Environmental Conservation
Attn: William Shaw
625 Broadway
Albany, NY 12233
Phone: (518) 402-9676

USEPA - Hudson River PCB Project Field Office
421 Lower Main Street
Hudson Falls, NY 12839
Phone: (518) 747-4389

Town of Moreau Office Building
61 Hudson Street
South Glens Falls, NY 12803
Phone: (518) 792-1030

A public meeting was also conducted. At the meeting, the findings of the Remedial Investigation (RI) and the Feasibility Study (FS) were presented along with a summary of the proposed remedy. After the presentation, a question-and-answer period was held, during which verbal or written comments were accepted on the proposed remedy.

Comments on the remedy received during the comment period are summarized and addressed in the responsiveness summary section of the ROD.

Receive Site Citizen Participation Information By Email

Please note that the Department's Division of Environmental Remediation (DER) is "going paperless" relative to citizen participation information. The ultimate goal is to distribute citizen participation information about contaminated sites electronically by way of county email listservs. Information will be distributed for all sites that are being investigated and cleaned up in a particular county under the State Superfund Program, Environmental Restoration Program, Brownfield Cleanup Program, Voluntary Cleanup Program, and Resource Conservation and Recovery Act Program. We encourage the public to sign up for one or more county listservs at http://www.dec.ny.gov/chemical/61092.html

SECTION 3: SITE DESCRIPTION AND HISTORY

Location:

The Special Area 13 (Dredge Spoil Disposal Area) site is located along the western shore of the Hudson River in the Town of Moreau (Saratoga County), about 1,200 feet down-river (south) of Champlain Canal Lock 7 and near Buoy 219 that marks the western margin of the navigation channel of the Champlain Canal within the Hudson River.

Site Features:

The 25.3 acre site consists of four distinct areas. The main dredge spoil disposal area consists of a closed and covered basin and earthen containment berm complex built by the New York State Department of Transportation (NYSDOT) to dewater and hold sediment removed from the Champlain Canal/Hudson River navigation channel south of Canal Lock 7 and from around Rogers Island. In its present closed and covered state, this dredge spoil disposal structure ranges between 175 and 300 feet wide and extends about 1,750 feet along the shore of the Hudson River

with a foot-print covering nearly 14 acres. PCB-contaminated dredge spoils from the main dredge spoil disposal area were graded out onto three adjoining areas prior to its closure. The first fill area adjoins the main dredge spoil disposal area to the north and consists of a closed and covered shallow depression fill area which ranges between 200 and 250 feet wide and extends about 550 feet along former County Route 29 with a foot-print covering nearly 3 acres. This area was covered with a soil cover (consisting of filter fabric, a marker layer, one foot of clean soil, and a vegetated surface) to limit the potential for human exposure to the dredge spoil found here. A second fill area is located in a shallow depression further north beyond the first fill area and is about 550 feet wide and about 500 feet long with a foot-print covering around 6.3 acres. A large portion of the second fill area is covered with clean fill and pavement placed during the construction of a Work Support Marina Facility for the Hudson River PCBs Site remedial dredging project, however the remaining portions of this area are not covered at present. The third fill area adjoins the main dredge spoil disposal area to the west at the southern end and consists of another shallow depression fill area which is oblate in shape with a maximum width of about 220 feet and a long axis length of around 500 feet that covers nearly 2.0 acres on a parcel classified for residential use. This residential use property is occupied by a single dwelling and a few out-buildings. There is a private well on the property that draws water from the shallow overburden aquifer.

Current Zoning/Use:

The main dredge spoil disposal area at the site is the location of a Toxic Substances Control Act approved dredge spoil containment structure and is currently zoned for manufacturing. The first fill area is zoned as a marina and is being used as a State-owned recreational boat launch site. The second fill area is zoned Hudson River Regulatory and is now the location of an active Work Support Marina Facility for the Hudson River PCBs Site remedial dredging project. The third fill area is zoned for general manufacturing and industrial distribution, but retains a property use classification as a single family residence - property used for human habitation, in the Tax Records for the Town of Moreau in Saratoga County. This residential use property appears to be unoccupied.

Historic Use:

A series of unlined, transient settling basin and baffle systems were constructed at the main part of this site by the NYSDOT and were used to dewater and hold dredge spoil material removed from the Champlain Canal/Hudson River navigation channel south of Champlain Canal Lock 7 in conjunction with routine and emergency maintenance dredging operations of the Canal System. These settling basin systems were initially constructed by excavating the soils across this area slightly and grading the displaced materials outward and upward to form the various containment berms. During subsequent maintenance operations, it is likely that some of the older dredge spoil materials were re-graded in order to deepen or modify the established settling basin to accommodate the disposal of additional dredge spoil materials. During one or more of these re-grading activities in the 1970s, it is believed that spoils from the basin and containment berm complex were pushed outward and into the three identified shallow depression areas adjacent to the main disposal area as fill material.

Available NYSDOT records report that the Special Area 13 dredge spoil disposal area was used between 1952 and 1979 for the disposal of up to 802,000 cubic yards of dredge spoil material during canal maintenance operations. In 1979, it was covered with between six and 24-inches of sand and seeded. Monitoring wells were also installed and a monitoring program was established. These actions were taken to comply with Toxic Substances Control Act (TSCA) requirements imposed by the USEPA when they issued an approval for the interim storage/disposal of PCB laden material at this site in September of 1979. In 1991, a TSCA-approved clay cover/cap was added over the existing 'standard turf' cover. The new cover was constructed by the NYSDOT and the earlier monitoring wells were replaced. The new cover added a six-inch to five-foot thick layer of clay over the entire closed main structure. The combination of the two cover layers put the top surface of the potentially contaminated dredge spoil materials at depths ranging between about one-foot and nearly five-feet below the ground surface. Following the installation of the TSCA-approved cap, subsequent monitoring demonstrated that PCB levels in the local groundwater diminished such that PCBs were no longer detected in the groundwater. Personnel from the NYSDOT inspect and sample the groundwater monitoring wells and maintain the site under the TSCA program. The latest TSCA program inspection occurred on May 20, 2010.

The first fill area adjoining the main disposal area to the north has been closed and covered and now serves as part of a State-owned public recreational boat launch site. As mentioned previously, a large portion of the second fill area is covered with clean fill and pavement placed during the construction of a Work Support Marina Facility for the Hudson River PCBs Site remedial dredging project, however the remaining portions of this area are not covered at present.. The third fill area on the residential use property that adjoins the main disposal site to the west along the southern margin has not been covered.

Site Geology and Hydrogeology:

The geologic setting for the Special Area 13 site has a varied mixture of silts, sands, gravel, and clay and that were placed over bedrock by natural processes and a varied mixture of sand, silt, shale fragments, and debris that were placed over the earlier lacustrine and alluvial deposits by unnatural processes a relatively short time ago.

The overburden materials in the natural setting are located in most areas outside of the basin and berm system at the site. The overall thickness of these native soils at Special Area 13 is not known, but earlier work by others report similar undisturbed silts, sands, gravel, and clay to a depth about 30 feet lower than the bottom of the Special Area 13 dredge spoil disposal structure.

The overburden materials in the unnatural setting are best described as mechanically reworked native soil mixed with dredge spoil materials in the closed and covered dredge spoil disposal structure. The dredge spoils are typically dark gray to black, fine to medium sands with varying amounts of silt, black shale fragments, pebble gravel, brick fragments, coal fragments, fused slag, glass shards, and wood debris. Dredge spoils vary in thickness from a few inches to nearly 13.5 feet within the closed and covered main disposal area, from a few inches to 6.7 feet within the closed and covered first fill area, from a few inches to 6.5 feet within the second fill area, and from a few inches to about 7 feet within the third fill area.

Groundwater flow in this area typically moves away from the slight topographic rise on the west and toward the Hudson River in a general east-southeast direction.

A site location map is attached as Figure 1.

SECTION 4: LAND USE AND PHYSICAL SETTING

The Department may consider the current, intended, and reasonably anticipated future land use of the site and its surroundings when evaluating a remedy for soil remediation. For this site, alternatives that restrict the use of the site to commercial use (which allows for industrial use) as described in Part 375-1.8 (g) were evaluated in addition to an alternative which would allow for unrestricted use of the site.

A comparison of the results of the RI to the appropriate standards, criteria and guidance values (SCGs) for the identified land use and the unrestricted use SCGs for the site contaminants is included in the Tables for the media being evaluated in Exhibit A.

SECTION 5: ENFORCEMENT STATUS

Potentially Responsible Parties (PRPs) are those who may be legally liable for contamination at a site. This may include past or present owners and operators, waste generators, and haulers.

The PRPs for the site, documented to date, include:

NYS Department of Transportation

General Electric Company

The PRPs for the site declined to implement a remedial program when requested by the Department. Now that the remedy has been selected, the PRPs will again be contacted to assume responsibility for the remedial program. If an agreement cannot be reached with the PRPs, the Department will evaluate the site for further action. The PRPs are subject to legal actions by the state for recovery of all response costs NYSDEC has incurred. NYSDOT is required to continue all operation, maintenance and monitoring activities at those portions of this site that are governed under the TSCA authorization for the Special Area 13 Dredge Spoil Disposal Area.

SECTION 6: SITE CONTAMINATION

6.1: Summary of the Remedial Investigation

A Remedial Investigation (RI) has been conducted. The purpose of the RI was to define the nature and extent of any contamination resulting from previous activities at the site. The field activities and findings of the investigation are described in the RI Report.

The following general activities are conducted during an RI:

- Research of historical information,
- Geophysical survey to determine the lateral extent of wastes,
- Test pits, soil borings, and monitoring well installations,
- Sampling of waste, surface and subsurface soils, groundwater, and soil vapor,
- Sampling of surface water and sediment,
- Ecological and Human Health Exposure Assessments.

The analytical data collected on this site includes data for:

- groundwater
- surface water
- drinking water
- soil

6.1.1: Standards, Criteria, and Guidance (SCGs)

The remedy must conform to promulgated standards and criteria that are directly applicable or that are relevant and appropriate. The selection of a remedy must also take into consideration guidance, as appropriate. Standards, Criteria and Guidance are hereafter called SCGs.

To determine whether the contaminants identified in various media are present at levels of concern, the data from the RI were compared to media-specific SCGs. The Department has developed SCGs for groundwater, surface water, sediments, and soil. The NYSDOH has developed SCGs for drinking water and soil vapor intrusion. The tables found in Exhibit A list the applicable SCGs in the footnotes. For a full listing of all SCGs see: http://www.dec.ny.gov/regulations/61794.html

6.1.2: RI Results

The data have identified contaminants of concern. A "contaminant of concern" is a hazardous waste that is sufficiently present in frequency and concentration in the environment to require evaluation for remedial action. Not all contaminants identified on the property are contaminants of concern. The nature and extent of contamination and environmental media requiring action are summarized in Exhibit A. Additionally, the RI Report contains a full discussion of the data. The contaminant(s) of concern identified at this site is/are:

Polychlorinated Biphenyls (PCBs)

As illustrated in Exhibit A, the contaminant(s) of concern exceed the applicable SCGs for:

- soil

6.2: Interim Remedial Measures

An interim remedial measure (IRM) is conducted at a site when a source of contamination or exposure pathway can be effectively addressed before issuance of the Record of Decision.

There were no IRMs performed at this site during the RI.

6.3: Summary of Environmental Assessment

This section summarizes the assessment of existing and potential future environmental impacts presented by the site. Environmental impacts may include existing and potential future exposure pathways to fish and wildlife receptors, wetlands, groundwater resources, and surface water.

The Fish and Wildlife Resources Impact Analysis (FWRIA) for OU 01, which is included in the RI Report, presents a detailed discussion of the existing and potential impacts from the site to fish and wildlife receptors.

Based upon investigations conducted to date, the primary contaminants of concern for the proposed Special Area 13 site are PCBs in soils. Groundwater monitoring data demonstrates that groundwater is not being impacted by this site.

Main Dredge Spoil Disposal Area (Closed and Covered)

PCBs were found in many of the subsurface soil samples collected below the established cover at concentrations up to 49 ppm which exceeds the soil cleanup objectives (SCOs) for unrestricted use (0.1 ppm), residential use (1 ppm), commercial use (1 ppm), and industrial use (25 ppm).

First Fill Area - State-owned Recreational Boat Launch (Closed and Covered)

PCBs were found at concentrations up to 12 ppm in soil samples collected at locations that are now beneath the established cover. These PCB concentrations exceed the SCOs for unrestricted use (0.1 ppm), residential use (1 ppm), and commercial use (1 ppm).

Second Fill Area - Land East of the Moreau Dredge Spoil Disposal Area (Partially Covered)

PCBs were found in many of the soil samples collected at locations below the established cover at concentrations up to 25 ppm which exceeds the SCOs for unrestricted use (0.1 ppm), residential use (1 ppm), and commercial use (1 ppm).

Third Fill Area - Residential Use Property

PCBs were found in many of the soil samples collected from all parts of the third fill area at concentrations up to 30 ppm which exceeds the SCOs for unrestricted use (0.1 ppm), residential use (1 ppm), commercial use (1 ppm), and restricted industrial use (25 ppm).

Special Resources Impacted/Threatened:

A Fish and Wildlife Impact Analysis was conducted which concluded that environmental contamination attributable to the dredge spoil materials at the site poses little or no risk to communities of terrestrial plants, invertebrates in soil, or carnivorous birds and mammals.

6.4: Summary of Human Exposure Pathways

This human exposure assessment identifies ways in which people may be exposed to site-related contaminants. Chemicals can enter the body through three major pathways (breathing, touching or swallowing). This is referred to as *exposure.*

People will not come in contact with contamination unless they dig below the cover layer. In areas where dredge spoils are present at the surface beyond the fenced enclosure, people could come in contact with contamination by digging or otherwise disturbing the soil below the vegetated layer.

6.5: Summary of the Remediation Objectives

The objectives for the remedial program have been established through the remedy selection process stated in 6 NYCRR Part 375. The goal for the remedial program is to restore the site to pre-disposal conditions to the extent feasible. At a minimum, the remedy shall eliminate or mitigate all significant threats to public health and the environment presented by the contamination identified at the site through the proper application of scientific and engineering principles.

The remedial action objectives for this site are:

Groundwater

RAOs for Environmental Protection

- Prevent the discharge of contaminants to surface water.

Soil

RAOs for Public Health Protection

- Prevent ingestion/direct contact with contaminated soil.

RAOs for Environmental Protection

- Prevent migration of contaminants that would result in groundwater or surface water contamination.
- Prevent impacts to biota from ingestion/direct contact with soil causing toxicity or impacts from bioaccumulation through the terrestrial food chain.

SECTION 7: SUMMARY OF THE SELECTED REMEDY

To be selected the remedy must be protective of human health and the environment, be cost-effective, comply with other statutory requirements, and utilize permanent solutions, alternative technologies or resource recovery technologies to the maximum extent practicable. The remedy

must also attain the remedial action objectives identified for the site, which are presented in Section 6.5. Potential remedial alternatives for the Site were identified, screened and evaluated in the FS Report.

A summary of the remedial alternatives that were considered for this site is presented in Exhibit B. Cost information is presented in the form of present worth, which represents the amount of money invested in the current year that would be sufficient to cover all present and future costs associated with the alternative. This enables the costs of remedial alternatives to be compared on a common basis. As a convention, a time frame of 30 years is used to evaluate present worth costs for alternatives with an indefinite duration. This does not imply that operation, maintenance, or monitoring would cease after 30 years if remediation goals are not achieved. A summary of the Remedial Alternatives Costs is included as Exhibit C.

The basis for the Department's remedy is set forth at Exhibit D.

The selected remedy is referred to as the No Further Action - Soil Cover - Soil Removal - Site Management remedy.

The estimated present worth cost to implement the remedy is $5,391,000. The cost to construct the remedy is estimated to be $4,866,000 and the estimated average annual cost is $36,000.

The elements of the selected remedy are as follows:

1. Remedial Design
A remedial design program will be implemented to provide the details necessary for the construction, operation, maintenance, and monitoring of the remedial program. Green remediation principles and techniques will be implemented to the extent feasible in the design, implementation, and site management of the remedy as per DER-31. The major green remediation components are as follows;

- Considering the environmental impacts of treatment technologies and remedy stewardship over the long term;
- Reducing direct and indirect greenhouse gas and other emissions;
- Increasing energy efficiency and minimizing use of non-renewable energy;
- Conserving and efficiently managing resources and materials;
- Reducing waste, increasing recycling and increasing reuse of materials which would otherwise be considered a waste;
- Maximizing habitat value and creating habitat when possible;
- Fostering green and healthy communities and working landscapes which balance ecological, economic and social goals; and
- Integrating the remedy with the end use where possible and encouraging green and sustainable re-development.

2. Maintain the existing isolation cap/cover, which has been constructed, over the main dredge spoil disposal area at the Special Area 13 site to satisfy Toxic Substances Control Act requirements imposed by the United States Environmental Protection Agency.

3. Maintain the isolation soil covers that have been established beyond the margins of the main dredge spoil disposal area that are part of the TSCA-approved dredge spoil containment structure. These areas include those portions of the first fill area (NYSDEC Boat Launch in Moreau) that were subject to the installation of a soil cover and those areas within the second fill area at the northern extent of the site that are adequately covered by materials placed in association with the construction of General Electric's Work Support Marina Facility for the Hudson River PCBs Site remedial dredging project.

4. Installation of a cover system where current surficial PCB concentrations exceed 1 part per million for the commercial portions of the site (the main dredge spoil disposal area, fill area 1, and fill area 2). These areas include all portions of the Special Area 13 site where PCB-contaminated dredge spoils are exposed at the surface - and - that are not covered by an adequate cover at the present time - but excludes all of the residential use portion of the site. This currently includes two small areas adjacent to the river-side of the main dredge spoil disposal area, a small flood plain soil area south and east of the southeastern margin of the main dredge spoil disposal area, and those areas within the second fill area at the northern extent of the site that are outside of the adequate cover materials placed in association with the construction of General Electric's Work Support Marina Facility for the Hudson River PCBs Site remedial dredging project.

5. For the commercial portions of the site that are not covered by an adequate cover at the present time - a cover will be required to allow for commercial use of these areas of the site. Applicable cover will consist either of the structures such as buildings, pavement, sidewalks comprising any site development or a soil cover in areas where the upper one foot of exposed surface soil will exceed the applicable soil cleanup objectives (SCOs). Where a soil cover is required it will be a minimum of one foot of soil, meeting the SCOs for cover material as set forth in 6 NYCRR Part 375-6.7(d) for commercial use. The soil cover will be placed over a demarcation layer, with the upper six inches of the soil of sufficient quality to maintain a vegetation layer. Any fill material brought to the site will meet the requirements for the identified site use as set forth in 6 NYCRR Part 375-6.7(d).

6. For the residential use portion of the site and those areas immediately adjacent to it, removal and off-site disposal of contaminated soils to meet the residential use SCO of 1 ppm total PCBs in Part 375. This area adjoins the capped landfill cell to the west at the southern end and consists of shallow depression fill area which is oblate in shape with a maximum width of about 220 feet and a long axis length of around 500 feet that covers nearly 2.0 acres.

Approximately 17,500 cubic yards of soil will be removed. Clean fill meeting the requirements of 6 NYCRR Part 375-6.8 will be brought in to replace the excavated soil and establish the designed grades at the site.

7. Imposition of an institutional control in the form of an environmental easement or an environmental notice for the controlled property that:

(a) requires the remedial party or site owner to complete and submit to the Department a periodic certification of institutional and engineering controls in accordance with Part 375-1.8(h)(3);

(b) allows the use and development of the controlled property for residential (parcels zoned residential) or commercial (parcels not zoned residential) use as defined by Part 375-1.8(g), although land use is subject to local zoning laws;
(c) restricts the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or County DOH;
(d) prohibits agriculture or vegetable gardens on the portions of the controlled property which were subject to remediation; and
(e) requires compliance with the Department approved Site Management Plan.

8. A Site Management Plan is required, which includes the following:
(a) an Institutional and Engineering Control Plan that identifies all use restrictions and engineering controls for the site and details the steps and media-specific requirements necessary to ensure the following institutional and/or engineering controls remain in place and effective:

Institutional Controls: The Environmental Easements and Environmental Notices discussed in Paragraph 7 above.

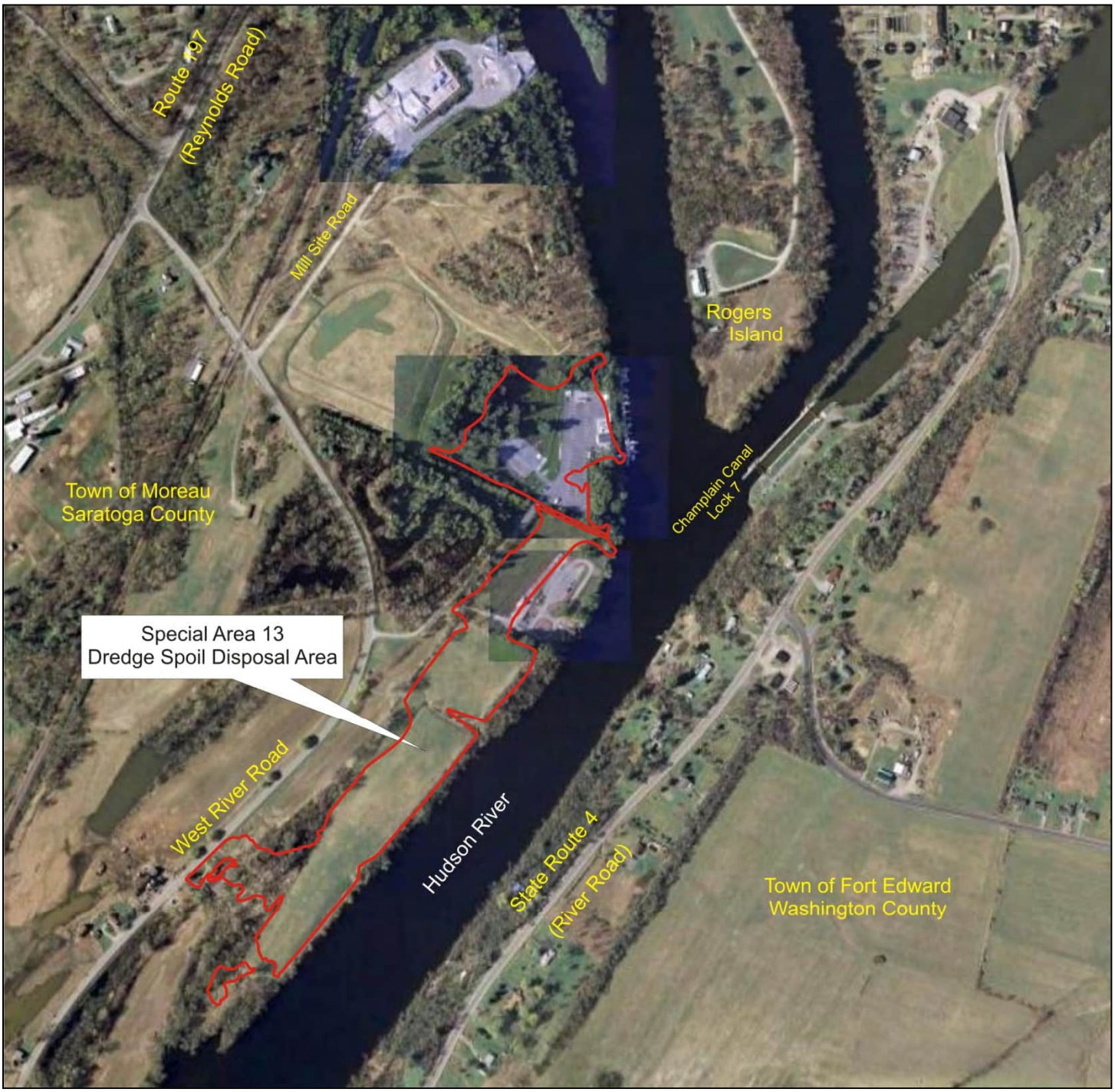
Engineering Controls: The existing isolation cap/cover discussed in Paragraph 2 above, the existing isolation covers discussed in Paragraph 3 above, and the soil covers discussed in Paragraph 4 and 5 above.

This plan includes, but may not be limited to: (i) Excavation Plan which details the provisions for management of future excavations in areas of remaining contamination; (ii) descriptions of the provisions of the environmental easement including any land use and/or groundwater use restrictions; (iii) provisions for the management and inspection of the identified engineering controls; (iv) maintaining site access controls and Department notification; and (v) the steps necessary for the periodic reviews and certification of the institutional and/or engineering controls; and

(b) a Monitoring Plan to include, but not be limited to: (i) monitoring of groundwater to assess the performance and effectiveness of the remedy; and (ii) a schedule of monitoring and frequency of submittals to the Department.

Figure 1 - Location Map

Special Area 13 Dredge Spoil Disposal Area
Record of Decision
December 2012



0 100 200 300 400 500 1000 1500 2000

Scale in Feet

N
W E
S

Aerial Imagery extracted from Google Earth and Microsoft's Bing Maps.

Figure 2
Remedial Findings and Selected Remedy

Special Area 13 Dredge Spoil Disposal Area
Record of Decision
December 2012

Excerpt from the February 2012
"Remedial Investigation Report for the Special Area 13 Dredge Spoil Disposal Area"

RECORD OF DECISION

Exhibits A through D

Special Area 13 Dredge Spoil Disposal Area
State Superfund Project
Town of Moreau, Saratoga County
Site No. 546041
December 2012

Exhibit A

Nature and Extent of Contamination

This section describes the findings of the Remedial Investigation for all environmental media that were evaluated. As described in Section 6.1, samples were collected from various environmental media to characterize the nature and extent of contamination.

For each medium, a table summarizes the findings of the investigation. The tables present the range of contamination found at the site in the media and compares the data with the applicable SCGs for the site. The contaminants are arranged into one category; polychlorinated biphenyls (PCBs. For comparison purposes, the SCGs are provided for each medium that allows for unrestricted use. For soil, if applicable, the Restricted Use SCGs identified in Section 6.1.1 are also presented.

Waste/Source Areas

As described in the RI report, waste/source materials were identified at the site which were the original source of PCB at the site.

Wastes are defined in 6 NYCRR Part 375-1.2 (aw) and include solid, industrial and/or hazardous wastes. Source Areas are defined in 6 NYCRR Part 375 (au). Source areas are areas of concern at a site were substantial quantities of contaminants are found which can migrate and release significant levels of contaminants to another environmental medium. Wastes and Source areas that were identified at the site include all areas used by the NYSDOT to dispose of nearly 802,000 cubic yards of dewatered dredge spoil materials that were removed from the Champlain Canal/Hudson River navigation channel during routine and emergency maintenance dredging operations between 1952 and 1979. These areas include the unlined settling basins of the main dredge spoil disposal area (now part of the TSCA-approved dredge spoil containment structure at the site) and three nearby shallow depression areas that received dredge spoil materials from the main disposal area as fill during re-grading operations in the 1970s. The first of these fill areas is adjacent to the main dredge spoil disposal area to the north, the second fill area is at the northern extent of the site beyond the first fill area, and the third fill area is located on the residential use property that adjoins the main dredge spoil disposal site to the west along the southern margin of the site. Sampling has confirmed that the dredge spoil materials placed in the main disposal area and the identified fill areas of site are contaminated with PCBs.

The waste/source areas identified will be addressed in the remedy selection process.

Groundwater

Four rounds of groundwater samples were collected from six new monitoring wells installed at the site and from five existing monitoring wells located around the cell. PCBs were not detected in groundwater collected from the 11 on-site monitoring wells during the four sampling rounds.

Table 1 - Groundwater

Detected Constituents	Concentration Range (ppb)[a]	SCG[b] (ppb)	Frequency Exceeding SCG
Pesticides/PCBs			
Total PCB	ND	0.09	(No exceedances)

a - ppb: parts per billion, which is equivalent to micrograms per liter, ug/L, in water.
b- SCG: Standard Criteria or Guidance - Ambient Water Quality Standards and Guidance Values (TOGs 1.1.1), 6 NYCRR Part 703, Surface water and Groundwater Quality Standards, and Part 5 of the New York State Sanitary Code (10 NYCRR Part 5).

No site-related groundwater contamination of concern was identified during the RI. Therefore, no remedial alternatives need to be evaluated for groundwater.

Soil

Surface Soil. During all related project investigations, surface soil samples (less than 2 inches below grade) were collected from 140 locations, including 36 locations upon the main dredge spoil disposal area (disposal cell), 18 locations along the margins of the disposal cell, 15 locations within Fill Area 1 to the north of the disposal cell, 22 locations within Fill Area 2 at the northern part of the Special Area 13 site beyond Fill Area 1, and 41 locations within Fill Area 3 (the residential use property) near the southwest corner of the disposal cell. PCBs were found in this series of surface soil samples at concentrations up to 0.083 parts per million (ppm) over the footprint of the closed and covered disposal cell, up to 8.4 ppm along the margins of the disposal cell, up to 12 ppm within Fill Area 1, up to 3.2 ppm within Fill 2 , and up to 15 ppm within Fill Area 3.

In addition, seven soil samples were collected from shallow depressions and ditches along the western and southern borders of the disposal cell along with one soil sample that was collected at the mouth of a drainage swale that traverses the disposal cell and leads to the Hudson River. Five of the eight samples contained PCBs at concentrations ranging from 0.05 to 2 ppm. The samples with the highest concentrations were located along the southern border of the disposal cell. As these samples were taken from areas where there is only occasional water associated with runoff events, these areas will be managed as soils in the remedy for the site.

Subsurface Soil. During all related project investigations, 255 subsurface soil samples were collected from 121 locations, including 43 samples from 10 locations within the footprint of the disposal cell, 57 samples from 24 locations along the margins of the disposal cell, 32 samples from 15 locations within Fill Area 1, 81 samples from 31 locations within Fill Area 2, and 42 samples from 41 locations within Fill Area 3. PCBs were found in this series of subsurface soil samples at concentrations up to 49 ppm within the footprint of the closed and covered disposal cell, up to 15 ppm along the margins of the disposal cell, up to 12 ppm within Fill Area 1, up to 23 ppm within Fill 2 , and up to 30 ppm within Fill Area 3.

SCOs were exceeded in all areas where dredge spoil materials were placed.

The results for the soil samples that were collected form Fill Area 3 (the residential use property) were appropriately compared to the residential use (1 ppm) SCO for PCBs, as the parcel retains a property use classification as a single family residence - property used for human habitation in the Tax Records for the Town of Moreau in Saratoga County. The other areas where dredge spoil materials were placed or where PCBs were found in soils related to dredge spoil deposition at the Special Area 13 site are not classified as residential, but rather represent a commercial exposure and were compared to the commercial/recreational SCO.

Table 2 - Soil

Detected Constituents	Concentration Range (ppm)[a]	Unrestricted SCG[b] (ppm)	Frequency Exceeding Unrestricted SCG	Restricted Use SCG[c] (ppm)	Frequency Exceeding Restricted SCG
Pesticides/PCBs					
Total PCBs - Disposal Cell	ND to 49	0.1 ppm	30/85	1 ppm	27/85
Total PCBs - Outside Cell	ND to 15	0.1 ppm	24/77	1 ppm	16/77
Total PCBs - Fill Area 1	ND to 12	0.1 ppm	34/47	1 ppm	26/47
Total PCBs - Fill Area 2	ND to 23	0.1 ppm	55/103	1 ppm	43/103
Total PCBs - Fill Area 3	ND to 30	0.1 ppm	45/83	1 ppm	33/83
Total PCBs - Whole Site	**ND to 49**	**0.1 ppm**	**188/395**	**1 ppm**	**145/395**

a - ppm: parts per million, which is equivalent to milligrams per kilogram, mg/kg, in soil;
b - SCG: Part 375-6.8(a), Unrestricted Soil Cleanup Objectives.
c - SCG: Part 375-6.8(b), Restricted Use Soil Cleanup Objectives for the Protection of Public Health for Residential or Commercial Use, unless otherwise noted.

PCBs are the primary contaminants of concern found in the surface and subsurface soil at the Special Area 13 site. PCBs were found within the closed and covered disposal cell, along the margins of the disposal cell, within Fill Area 1 (the NYSDEC Boat Launch) to the north of the disposal cell, within Fill Area 2 (property currently being used as the support marina for the ongoing EPA Hudson River dredging project) at the northern part of the Special Area 13 site beyond Fill Area 1, and within Fill Area 3 (the residential use property) near the southwest corner of the disposal cell. No other significant contaminants requiring remediation were identified in the soil at this site.

Based on the findings of the Remedial Investigation, the presence of PCBs from the placement of dredge spoil materials has resulted in the contamination of soil. The site contaminants identified in soil which are considered to be the primary contaminants of concern, to be addressed by the remedy selection process are PCBs.

Surface Water

No surface water contamination was measured in samples collected during the site Remedial Investigation. Samples were collected in drainage areas leading away from the dredge disposal site and in the vicinity of other areas were dredge spoil was placed. No site-related surface water contamination of concern was identified during the RI. Therefore, no remedial alternatives need to be evaluated for surface water.

Exhibit B

Description of Remedial Alternatives

The following alternatives were considered based on the remedial action objectives (see Section 6.5) to address the contaminated media identified at the site as described in Exhibit A. Three sets of alternatives were developed to address three substantially different portions of the site: (1) the closed and clay capped portion of the Special Area 13 site (disposal cell); (2) the portions of the site outside of the closed and clay capped disposal cell that have already had a soil cover placed over dredge spoils; and (3) those areas outside of the closed and clay capped disposal cell where dredge spoils have been placed, or where soils have been impacted by dredge spoil placement, that have not been covered.

Alternatives to address the Disposal Cell (Closed and Clay Capped)

Disposal Cell Alternative 1: No Further Action

The No Further Action Alternative recognizes the remediation of the site completed by the capping work described in the site history. This alternative leaves the site in its present condition and does not provide any additional protection of the environment.

Disposal Cell Alternative 2: No Further Action with Site Management

The No Further Action with Site Management Alternative recognizes the remediation of the site completed by the installation of the clay cap described in the site history. Site Management and Institutional Controls and Engineering Controls are necessary to confirm the effectiveness of this action. This alternative maintains engineering controls which were part of this action, and includes institutional controls (in the form of an environmental easement or environmental notice in the deed for State owned land) and site management plan, necessary to protect public health and the environment from contamination remaining at the site after the cap was placed.

Present Worth: *$302,000*
Capital Cost: *$8,000*
Annual/Periodic Costs: *$20,000*

Disposal Cell Alternative 3: Restoration to Pre-Disposal or Unrestricted Conditions by Excavation and On-Site Treatment by High Temperature Thermal Desorption

This alternative achieves all of the SCGs discussed in Section 6.1.1 and Exhibit A and soil meets the unrestricted soil clean objectives listed in Part 375-6.8 (a). This alternative would include the excavation and on site treatment of all soils exceeding SCGs within the already closed and clay capped disposal cell. This treatment would be accomplished by the use of high temperature thermal desorption. Under this alternative, the use of the treatment technology requires construction and operation of a treatment system at the site, or mobilization of a transportable treatment unit. The substantive requirements of all applicable regulations are met through the proper implementation of the treatment technology. The remedy will not rely on institutional

or engineering controls to prevent future exposure. There is no Site Management, no restrictions, and no periodic review. This remedy will have no annual cost, only the capital cost.

Capital Cost:.....$32,821,000

Disposal Cell Alternative 4: Restoration to Pre-Disposal or Unrestricted Conditions by Excavation and Off-Site Disposal of the Dredge Spoils and Impacted Soils

This alternative achieves all of the SCGs discussed in Section 6.1.1 and Exhibit A and soil meets the unrestricted soil clean objectives listed in Part 375-6.8 (a). This alternative would include the excavation and proper off site disposal of all dredge spoils and soils exceeding the SCOs within the already closed and clay capped disposal cell. The excavated soils and dredge spoils under this alternative are disposed in properly permitted off site disposal facilities. The remedy will not rely on institutional or engineering controls to prevent future exposure. There is no Site Management, no restrictions, and no periodic review. This remedy will have no annual cost, only the capital cost.

Capital Cost:.....$28,344,000

Alternatives to address the Covered Spoils within Fill Area 1 and Fill Area 2

Covered Spoils Alternative 1 - No Further Action

The No Further Action Alternative recognizes the remediation of the site completed by the previous soil cover work described above. This alternative leaves the site in its present condition and does not provide any additional protection of the environment.

Covered Spoils Alternative 2 – No Further Action with Site Management

The No Further Action with Site Management Alternative recognizes the remediation of the site completed by the installation of the soil covers described in the site history. Site Management and Institutional Controls and Engineering Controls are necessary to confirm *the effectiveness of this action. This alternative maintains engineering controls which were part of this action, and includes institutional controls (in the form of an environmental easement or notice in deed) and site management plan, necessary to protect public health and the environment from contamination remaining at the site after the cap was placed.*

Present Worth:.....$238,000
Capital Cost:.....$78,000
Annual/Periodic Costs:.....$11,000

Covered Spoils Alternative 3 - Excavation and Off-Site Disposal of all Covered Spoils

This alternative achieves all of the SCGs discussed in Section 6.1.1 and Exhibit A and soil meets the unrestricted soil clean objectives listed in Part 375-6.8 (a). This alternative includes the excavation and proper

off-site disposal of all dredge spoils and soils exceeding the SCOs within the areas containing dredge spoils or impacted soils (outside of the closed and clay capped disposal cell) which had been previously covered. The excavated soils and dredge spoils under this alternative are disposed in properly permitted off-site disposal facilities. The remedy will not rely on institutional or engineering controls to prevent future exposure. There is no Site Management, no restrictions, and no periodic review. This remedy will have no annual cost, only the capital cost.

Capital Cost:.....$9,476,000

Alternatives to address the site areas containing exposed dredge spoils or impacted soils upon and near the Disposal Cell and within Fill Areas 2 and 3

Uncovered Spoils Alternative 1 - No Action

The No Action Alternative is evaluated as a procedural requirement and as a basis for comparison. This alternative leaves the site in its present condition and does not provide any additional protection to public health and the environment.

Uncovered Spoils Alternative 2 - Cover all Uncovered Spoils in Place

Under this alternative, soil covers to prevent direct contact and erosion would be placed over all currently uncovered areas where dredge spoils or impacted soils exceed SCOs. Site Management and Institutional Controls and Engineering Controls are necessary to confirm the effectiveness of this action. This alternative includes engineering controls and institutional controls (in the form of an environmental easement or notice in deed) and site management plan, as necessary to protect public health and the environment from contamination remaining at the site after the soil cover is placed.

Present Worth:.....$589,000
Capital Cost:.....$506,000
Annual/Periodic Costs:.....$5,400

Uncovered Spoils Alternative 3
Excavation and Off-Site Disposal to meet Residential SCOs in Fill Area 3 (Residential Use Property),
Soil Cover with Site Management for Uncovered Impacted Areas upon and near the Disposal Cell and within Fill Area 2

This alternative includes meeting the residential SCO of 1 ppm total PCBs in the residential use property by excavation and off-site disposal, along with the placement of soil covers on the other uncovered areas containing dredge spoils or impacted soils above applicable SCOs. For the residential use property, no further site management or monitoring is required after the action. Site Management and Institutional Controls and Engineering Controls are necessary to confirm the effectiveness of this action where the soil covers are placed. This alternative includes engineering controls and institutional controls (in the form of an environmental easement or notice in deed) and site management plan, as necessary to protect public health and the

environment from contamination remaining at the site after the soil cover is placed.

Present Worth: *$4,851,000*
Capital Cost: *$4,780,000*
Annual/Periodic Costs: *$5,000*

Uncovered Spoils Alternative 4
Excavation and On-Site Treatment to meet Residential SCOs
in Fill Area 3 (Residential Use Property),
Soil Cover with Site Management for Uncovered Impacted Areas
upon and near the Disposal Cell and within Fill Area 2

This alternative is the same as Alternative 4, except that the soils excavated from the residential use property are treated on-site. This treatment would be accomplished by the use of high temperature thermal desorption. Under this alternative, the use of the treatment technology requires construction and operation of a treatment system at the site, or mobilization of a transportable treatment unit. The substantive requirements of all applicable regulations are met through the proper implementation of the treatment technology.

Present Worth: *$6,751,000*
Capital Cost: *$6,687,000*
Annual Periodic Costs: *$4,200*

Uncovered Spoils Alternative 5 - Excavation and Off-Site Disposal of all Uncovered Spoils

This alternative achieves all of the SCGs discussed in Section 6.1.1 and Exhibit A and soil meets the unrestricted SCOs listed in Part 375-6.8 (a). This alternative would include the excavation and proper off-site disposal of all dredge spoils and soils exceeding the SCOs within the currently uncovered soils. The excavated soils and dredge spoils under this alternative are disposed in properly permitted off-site disposal facilities. The remedy will not rely on institutional or engineering controls to prevent future exposure. There is no Site Management, no restrictions, and no periodic review. This remedy will have no annual cost, only the capital cost.

Capital Cost: *$9,479,000*

Exhibit C

Remedial Alternative Costs

Remedial Alternative	Capital Cost ($)	Annual/Periodic Costs ($)	Total Present Worth ($)
Disposal Cell Alternative 1 No Action	$0	$0	$0
Disposal Cell Alternative 2 Site Management	$8,000	$20,000	$302,000
Disposal Cell Alternative 3 Excavation and On-Site Treatment	$32,821,000	$0	$32,821,000
Disposal Cell Alternative 4 Excavation and Off-Site Disposal	$28,344,000	$0	$28,344,000
Uncovered Spoils Alternative 1 No Action	$0	$0	$0
Uncovered Spoils Alternative 2 Cover Uncovered Spoils In Place with Site Management	$506,000	$5,400	$589,000
Uncovered Spoils Alternative 3 Excavation and Off-Site Disposal in Fill Area 3 (Residential Use Property), Cover Uncovered Spoils in Place, with Site Management	$4,780,000	$5,000	$4,851,000
Uncovered Spoils Alternative 4 Excavation and On-Site Treatment in Fill Area 3 (Residential Use Property), Cover Uncovered Spoils in Place, with Site Management	$6,687,000	$4,200	$6,751,000
Uncovered Spoils Alternative 5 Excavation and Off-Site Disposal	$9,479,000	$0	$9,479,000
Covered Spoils Alternative 1 No Further Action	$0	$0	$0
Covered Spoils Alternative 2 Site Management	$78,000	$11,000	$238,000
Covered Spoils Alternative 3 Excavation and Off-Site Disposal	$9,476,000	$0	$9,476,000

Exhibit D

SUMMARY OF THE PROPOSED REMEDY

The Department has selected Disposal Cell Alternative 2 (*No Further Action with Site Management*), Covered Spoils Alternative 2 (*No Further Action with Site Management*), and Uncovered Spoils Alternative 3 (*Excavation and Off-Site Disposal to meet Residential SCOs in Fill Area 3 (Residential Use Property), Soil Cover with Site Management for Uncovered Impacted Areas upon and near the Disposal Cell and within Fill Area 2*), as the remedy for this site. This set of alternatives would achieve the remediation goals for the site by preventing any further direct contact exposures or potential for erosion and transport of the dredge spoils or impacted soils. The elements of this remedy are described in Section 7. The selected remedy is depicted in Figure 2.

Basis for Selection

The selected remedy is based on the results of the RI and the evaluation of alternatives. The criteria to which potential remedial alternatives are compared are defined in 6 NYCRR Part 375. A detailed discussion of the evaluation criteria and comparative analysis is included in the FS report.

The first two evaluation criteria are termed "threshold criteria" and must be satisfied in order for an alternative to be considered for selection.

1. Protection of Human Health and the Environment. This criterion is an overall evaluation of each alternative's ability to protect public health and the environment.

All remedial alternatives, other than the No Action alternatives, would be protective of human health and the environment. Therefore, the No Action alternatives will not be considered further in this evaluation.

2. Compliance with New York State Standards, Criteria, and Guidance (SCGs). Compliance with SCGs addresses whether a remedy will meet environmental laws, regulations, and other standards and criteria. In addition, this criterion includes the consideration of guidance which the Department has determined to be applicable on a case-specific basis.

All Disposal Cell and Covered Spoils Alternatives currently comply with SCGs; for the Uncovered Spoils the retained alternatives all comply.

The next six "primary balancing criteria" are used to compare the positive and negative aspects of each of the remedial strategies.

3. Long-term Effectiveness and Permanence. This criterion evaluates the long-term effectiveness of the remedial alternatives after implementation. If wastes or treated residuals remain on-site after the selected remedy has been implemented, the following items are evaluated: 1) the magnitude of the remaining risks, 2) the adequacy of the engineering and/or institutional controls intended to limit the risk, and 3) the reliability of these controls.

For the Disposal Cell Alternatives, all alternatives have good long term effectiveness and permanence. The alternatives which involve excavation and treatment, or excavation and off-site disposal, rank higher than allowing the already clay capped dredge spoils to remain in place per Disposal Cell Alternative 2. However, Alternative 2 still ranks well as the remaining risks are small, the cap system is a proven and reliable technology to contain these dredge spoils, and the existing system has shown for several years to be effective in containing the spoils.

For the Covered Spoils Alternatives, the rationale is the same as for the Disposal Cell Alternatives. Allowing the existing soil covers to address exposures to the surficial contaminants within the spoils or impacted soils has been shown to be effective at this site. The alternatives involving removal of the covered spoils with either treatment or off-site disposal would result in only modest improvements in long term effectiveness.

For the Uncovered Spoil Alternatives, installation of the soil covers in the non-residential areas results in the same level of long term effectiveness as with the areas with existing soil covers. Removal of the uncovered spoils with either, treatment or off-site disposal results in only modest improvements in long term effectiveness over installation of a soil cover. For the residential use property, alternatives which would not meet the residential SCOs have low long term effectiveness, as future controls would not prevent residential exposures to soils exceeding the residential SCOs. Alternatives which result in meeting the Unrestricted SCOs provide the greatest long term effectiveness and permanence.

4. Reduction of Toxicity, Mobility or Volume. Preference is given to alternatives that permanently and significantly reduce the toxicity, mobility or volume of the wastes at the site.

For the Disposal Cell Alternatives, the highest ranking alternative is excavation and treatment (Disposal Cell Alternative 3), followed by excavation and off-site disposal (Disposal Cell Alternative 4) and allowing the area to remain capped (Disposal Cell Alternative 2). The reductions in mobility associated with Disposal Cell Alternatives 2 and 4 are comparable. For the Covered Spoils Alternatives and the Uncovered Spoils Alternatives, each alternative except No Action for the uncovered spoils results in the same reduction in mobility, as the soil covers would prevent erosion and migration via surface water, the only significant migration pathway for these areas.

5. Short-term Impacts and Effectiveness. The potential short-term adverse impacts of the remedial action upon the community, the workers, and the environment during the construction and/or implementation are evaluated. The length of time needed to achieve the remedial objectives is also estimated and compared against the other alternatives.

Among the Disposal Cell Alternatives, the best short term effectiveness and permanence is with Alternative 2, as there are little or no negative short term impacts and these can be implemented immediately. Alternatives 3 and 4 require design elements to control releases during excavation and, for Disposal Cell Alternative 4 (utilizing on-site treatment) requires specialized monitoring to ensure control of potential releases from the treatment process. Disposal Cell Alternatives 3 and 4 reflect a lesser degree of green remediation as they include significant expenditure of energy and resources.

For the Covered Spoils Alternatives, the analysis is the same as for the Disposal Cell Alternatives. The alternatives involving excavation and off-site disposal require design elements to control releases during excavation.

For the Uncovered Spoils Alternatives, the analysis is also similar. Alternatives which involve excavation and removal or treatment require design elements to control releases during construction, resulting in lower short term effectiveness. Alternative 2 has the highest short term effectiveness, as no intrusive work would be done to cause potential releases to be controlled.

6. Implementability. The technical and administrative feasibility of implementing each alternative are evaluated. Technical feasibility includes the difficulties associated with the construction of the remedy and the ability to monitor its effectiveness. For administrative feasibility, the availability of the necessary personnel and materials is evaluated along with potential difficulties in obtaining specific operating approvals, access for construction, institutional controls, and so forth.

For the Disposal Cell Alternatives, Alternative 2 has the highest implementability, as no approvals or access agreements are required. Excavation and treatment requires the highest level of controls and approvals, which result in lower implementability. Excavation and off-site disposal requires lesser but still significant controls. For all alternatives, the personnel and engineering expertise is available.

For the Covered Spoils Alternatives, a similar evaluation results, where the alternative utilizing the existing soil covers have the best implementability, while excavation and off-site disposal requires access, personnel, and monitoring resulting in somewhat lower implementability.

For the Uncovered Spoils Alternatives, again a similar evaluation results under which the alternatives involving greater amounts of excavation and either treatment or off-site disposal having somewhat lower implementability. The excavation and treatment alternative would require greater difficulties in achieving the applicable controls on releases during treatment, and in finding available treatment vendors.

7. Cost-Effectiveness. Capital costs and annual operation, maintenance, and monitoring costs are estimated for each alternative and compared on a present worth basis. Although cost-effectiveness is the last balancing criterion evaluated, where two or more alternatives have met the requirements of the other criteria, it can be used as the basis for the final decision.

For the Disposal Cell Alternatives, the costs vary significantly between the alternatives which involve excavation and either treatment or off-site disposal, and Alternative 2 under which the Disposal Cell would remain in place under the existing clay cap. The significant difference in cost, however, does not appear to be proportional to any increase in protectiveness, implementability, or effectiveness.

For the Covered Spoils Alternatives, there is again a significant difference in costs between the alternatives which involve excavation and either treatment or off-site disposal, and Alternative 2 under which the Disposal Cell would remain in place under the existing soil covers. The significant difference in cost, however, also does not appear to be proportional to any increase in protectiveness, implementability, or effectiveness.

For the Uncovered Spoils Alternatives, there is a wide range in costs between the alternatives under which some, versus all of the uncovered dredge spoils and impacted soils are excavated and either disposed off-site or treated on site. The increase in cost between Alternatives 2 and 3 appears proportional to the increased protectiveness, as Alternative 3 would achieve the SCOs in the residential use property when Alternative 2 would not. The significant increases in cost between Alternative 3 and the alternatives under which all of the uncovered spoils would be excavated and either treated on-site or disposed off-site do not appear to be proportional to any increase in protectiveness, implementability, or effectiveness.

8. Land Use. When cleanup to pre-disposal conditions is determined to be infeasible, the Department may consider the current, intended, and reasonable anticipated future land use of the site and its surroundings in the selection of the soil remedy.

For the Disposal Cell Alternatives, the current land use is not anticipated to change. The surrounding land use will be governed by the site management plans associated with the areas which will receive soil covers, which could be recreational or commercial. The presence of the Disposal Cell will not impair commercial or recreational use of the adjacent areas.

The Covered Spoils alternatives, and the portions of the Uncovered Spoils alternatives, the current and anticipated land use (except for the residential use property) is commercial or recreational.

The current land use of the residential parcel is expected to remain residential.

The final criterion, Community Acceptance, is considered a "modifying criterion" and is taken into account after evaluating those above. It is evaluated after public comments on the Proposed Remedial Action Plan have been received.

9. Community Acceptance. Concerns of the community regarding the investigation, the evaluation of alternatives, and the PRAP are evaluated. A responsiveness summary will be prepared that describes public comments received and the manner in which the Department will address the concerns raised. If the selected remedy differs significantly from the proposed remedy, notices to the public will be issued describing the differences and reasons for the changes.

Disposal Cell Alternative 2 (*No Further Action with Site Management*), Covered Spoils Alternative 2 (*No Further Action with Site Management*), and Uncovered Spoils Alternative 3 (*Excavation and Off-Site Disposal to meet Residential SCOs in Fill Area 3 (Residential Use Property), Soil Cover with Site Management for Uncovered Impacted Areas upon and near the Disposal Cell and within Fill Area 2*) has been selected as the remedy because, as described above, it satisfies the threshold criteria and provides the best balance of the balancing criterion.

APPENDIX A

RESPONSIVENESS SUMMARY

RESPONSIVENESS SUMMARY

Special Area 13 Dredge Spoil Disposal Area

State Superfund Project

Town of Moreau – Saratoga County - New York

Site No. 546041

December 2012

The Proposed Remedial Action Plan (PRAP) for the Special Area 13 Dredge Spoil Disposal Area (Special Area 13) was prepared by the New York State Department of Environmental Conservation (the Department) in consultation with the New York State Department of Health (NYSDOH) and was issued to the document repositories on February 24, 2012. The PRAP outlined the remedial measures proposed for contaminated soil at the Special Area 13 site.

The release of the PRAP was announced by sending a notice to the public contact list and served to invite the public to comment on the proposed remedy.

A public meeting was held on March 6, 2012, which provided information about the Remedial Investigation (RI) and the Feasibility Study (FS) for the Special Area 13 site and discussed elements of the proposed remedy. The meeting also provided citizens with an opportunity to discuss concerns, ask questions, and comment on the proposed remedy. All questions and comments received during the public comment period have become part of the Administrative Record for this site. The public comment period for the Special Area 13 PRAP ended on May 10, 2012 instead of March 26, 2012, as provided in the PRAP in response to General Electric's March 6, 2012 request for an extension to the public comment period.

This responsiveness summary responds to all questions and comments raised during the public comment period. The following passages provide the narrative of each question/comment received and the Department's response.

The following questions and comments were made and answered during the public meeting held on March 6, 2012:

COMMENT 1: Are the plants on the site removing contamination from the soil and if so, could pollen present exposure concerns?

RESPONSE 1: Generally, the uptake of PCBs in plants is low and is not expected to contribute substantially to a reduction of PCBs in soil. Any PCBs that may transfer from site soils into site plants are expected to mostly persist in roots, leaves and/or shoots, and are expected to return to

nearby soil after the plants shed leaves or die. New York State does not believe that pollen is a PCB exposure concern for people using the site.

COMMENT 2: If the State was to dig up the entire site and remove all of the PCB contamination, would the PCBs have to be destroyed or could they be placed in a landfill?

RESPONSE 2: PCB-contaminated soil from this site could be disposed of in an appropriately permitted landfill.

COMMENT 3: What technology would be used to treat the soil at the site?

RESPONSE 3: PCB-contaminated soil from this site could be treated by thermal and/or chemical means. One of the alternatives considered involved treatment by turning the soil material into glass also known as vitrification. However, the high costs associated with the vitrification process and extraordinarily high energy demands made that alternative infeasible.

COMMENT 4: Who is responsible for the cost?

RESPONSE 4: After the remedy is selected, all potential responsible parties (PRPs) will be approached about assuming responsibility for the remedial program. If an agreement cannot be reached with the PRPs, the Department will evaluate funding alternatives.

COMMENT 5: Has traffic from the Hudson River PCBs Site remedial dredging project potentially impacted any of these sites and have those potential impacts been considered?

RESPONSE 5: While some PCB contamination may be present under the roadways leading to the Work Support Marina and the Backfill Storage and Offloading Area associated with the Hudson River PCBs Site remedial dredging project, the roadways are covered with clean material including an adequate thickness of either pavement or crushed stone. These materials provide an adequate barrier and it is unlikely that any travel use of these roadways would result in the migration of the PCB contaminated soils underneath. In addition, these cover materials will be maintained over the roadways after the dredging project is completed.

COMMENT 6: Could the remedy be implemented while the dredging project is underway or would the roadways need to stay clear for Hudson River dredging-related traffic?

RESPONSE 6: The remedy could be implemented while the dredging project is underway. For example, the application of the soil cover over the adjacent Old Moreau Dredge Spoil Disposal Area would be timed so that it would not interfere with access to the Backfill Storage and Offloading Area associated with the dredging project.

COMMENT 7: When do you anticipate issuing the Record of Decision (ROD) documents for the three Dredge Spoil Sites in Moreau?

RESPONSE 7: At the public meeting, the public was told that the Department expected to have all three RODs out by May 2012. The Moreau and Old Moreau RODs were issued in March 2012.

John G. Haggard, Executive Director of the Remediation and Hudson Programs for General Electric, submitted a comment letter on May 8, 2012, which is included in the Administrative Record (Appendix B).

COMMENT 8: The administrative record for the key Special Area 13 site documents is incomplete and, as a result, NYSDEC has compromised the public participation process that is required as part of remedy selection. Even though the public comment period was extended an additional 45 days and certain key documents were provided directly to GE upon request, the administrative record provided for public review at two of the three public repositories is still incomplete. Key documents regarding sampling conducted at the Morrison Property were not placed in the public repositories and made available to the public for review. In addition, information contained in the FS regarding costing conflicts with information contained in the Proposed Remedial Action Plan (PRAP), which remains unexplained. The unavailability of key administrative documents for review during the public comment period compromises the process.

RESPONSE 8: It is accurate that the formal report for the results of the soil sampling program conducted at the Morrison Property were made available to the public for review as a stand alone document, after the start of the comment period, however these results were also included in the Special Area 13 Remedial Investigation Study Report which was available to the public at the start of the comment period. These results are depicted on several of the figures and discussed in the narratives of the RI and were also incorporated into the discussion in the Exhibits and figures in the PRAP provided to the public repositories as part of the public participation process. While the data for the sampling conducted at the Morrison Property has always been reflected in the RI, the formal report for the results of the soil sampling program has since been incorporated into the Appendix of the Special Area 13 Remedial Investigation Study Report as a supplement and provided to the public repositories. The minor editorial error in the PRAP showing the estimated alternative costs does not change the overall evaluation of alternatives and has been corrected in this ROD.

COMMENT 9: The Fact Sheet for the proposed remedial action at the Special Area 13 Disposal Site incorrectly states that the remedial investigation and feasibility study for the site were submitted to the NYSDEC by New York State Department of Transportation (NYSDOT) and General Electric (GE).

RESPONSE 9: Comment noted.

COMMENT 10: The PRAP presented a proposed remedy cost that is 1.2 times lower than the costs provided in the FS Report, and NYSDEC's failure to explain this significant cost difference further compromises any meaningful review during the public comment period.

The estimated present value (PV) cost to implement the proposed remedy set forth in the PRAP is $4,599,000. The PV cost of the remedial alternative in the FS that represents the proposed remedy is $5,391,000. This cost difference is unexplained by NYSDEC and complicates the review process during the public comment period.

RESPONSE 10: The costs in the Special Area 13 Feasibility Study Report are correct and the appropriate corrections have been made in the ROD narrative. (See Response 8.)

COMMENT 11: The Special Area 13 Dredge Spoil Disposal Area is not an "Inactive Hazardous Waste Disposal Site" as defined by the Environmental Conservation Law (ECL), and therefore the NYSDEC has no authority to issue a ROD or to take any other action under the State Superfund Program regarding the Special Area 13 disposal area.

The Special Area 13 disposal area site does not meet the definition of an "inactive hazardous waste disposal site" that is found in ECL Section 27-1301(2) and in 6 NYCRR Section 375-1.2(y) in that it is not "an area or structure [as to which] no permit or authorization issued by the department or a federal agency for the disposal of hazardous waste was in effect after the effective date of this title." As a result, NYSDEC is not authorized to expend hazardous waste remedial program funds to implement the proposed remedy under the ECL and 6 NYCRR Part 375, nor does it have the authority to order the implementation of the selected remedy.

The purpose of the above-quoted language is to avoid the imposition of multiple sets of regulatory requirements governing response actions at inactive hazardous waste disposal sites. As the Division of the Budget made clear at the time the legislation establishing the inactive hazardous waste disposal site program was enacted, permits covering sites would effectively address the disposal and containment of released materials, but a new statute would be needed to address otherwise unregulated "inactive sites." Thus, creating an exception to the definition of "inactive hazardous waste disposal site" for a site at which a "permit or authorization issued by the department or a federal agency" has been issued fulfills the goal of ensuring that environmental protection will be achieved at an inactive hazardous waste site while at the same time also ensuring that duplicative or contradictory remedial measures will not be required at such site.

The Special Area 13 disposal area site was authorized by the U.S. Environmental Protection Agency (USEPA) for the disposal of dredge spoils under the Toxic Substance Control Act (TSCA) in the letter dated September 6, 1979 from the USEPA Region 2 Administrator to the Commissioner of the NYSDOT. This letter, and the subsequent, ongoing maintenance of the Special Area 13 disposal area site under TSCA, constitute a "permit or authorization" issued by a Federal agency, and therefore remove the Special Area 13 disposal area site from the definition of "inactive hazardous waste disposal site." As a result of the fact that the Special Area 13 disposal area site is not an "inactive hazardous waste disposal site," as the term is defined in the ECL and in 6 NYCRR Part 375, NYSDEC is precluded from seeking any form of relief under the statutory and regulatory program established to address such sites.

Thus, pursuant to the provisions of Subparagraph 3(a) of Section 97-b of the State Finance Law, establishing the State's hazardous waste remedial fund, NYSDEC may not spend moneys from such fund for the inactive hazardous waste disposal site remedial program. Consequently, the provision in State Finance Law Section 97-b - Subdivision 6 - requiring NYSDEC to "make all reasonable efforts to recover the full amount of any funds expended from the fund pursuant to [the above-cited subparagraph] through litigation or cooperative agreements with responsible persons" is

inapplicable. Without the legal authority to expend any such moneys, a recovery obligation is irrelevant.

Relief under the so-called enforcement language of ECL Section 27-1313, found in Subparagraph 3(a) thereof, is similarly unavailable to NYSDEC. That provision states:

Whenever the commissioner finds that hazardous wastes at an inactive hazardous waste disposal site constitute a significant threat to the environment, he may order the owner of such site and/or any person responsible for the disposal of hazardous wastes at such site (i) to develop an inactive hazardous waste disposal site remedial program, subject to the approval of the department, at such site, and (ii) to implement such program within reasonable time limits specified in the order.

That provision too hinges on the definition of "inactive hazardous waste disposal site." Because the Special Area 13 disposal area site is outside that category, NYSDEC lacks the authority to seek enforcement relief under Section 27-1313(3) (a) of the ECL.

In a June 2001 report titled "Dredge Spoils Investigation in the Upper Hudson River Valley," NYSDEC stated that Special Area 13 is not an Inactive Hazardous Waste Disposal Site and should not be placed on the Registry. "[Special Area 13] was previously a Class 2 Inactive Hazardous Waste Disposal Site, but has been delisted by NYSDEC because TSCA facilities do not meet the definition of 'inactive' sites." Nonetheless, on December 8, 2011, NYSDEC re-listed Special Area 13 on the Registry of Inactive Hazardous Waste Disposal Sites (the "Registry"). By virtue of the analysis provided above, as well as NYSDEC's own legal conclusion as set forth in its June 2001 report, NYSDEC was without legal justification to re-list Special Area 13. Therefore, Special Area 13's listing on the Registry is a legal nullity without effect.

RESPONSE 11: The site is a Class 2 site and as such in accordance with 6NYCRR375-2.8(e) the Department has documented the process of selecting a remedy in a Record of Decision.

COMMENT 12: A total of 368 soil samples were collected during the RI activities from the Special Area 13 boundaries as defined in the FS report. None of the RI samples contained PCB concentrations greater than 50 ppm; hence, the presence of hazardous waste has not been confirmed at the Site. Therefore, following the RI, the Department should have removed the Site from the Inactive Hazardous Waste Disposal Site Registry or at a minimum, reclassified it as a Class 3 site**.**

With a few exceptions that do not apply to this Site, hazardous waste in New York State (NYS) is defined as a waste that appears on the list or satisfies the characteristics promulgated by the commissioner. Current regulation identifies 50 ppm as the concentration which defines PCBs as a hazardous waste. All RI soil sample results exhibited PCB concentrations less than 50 ppm. As such, the RI sampling has not confirmed the presence of hazardous waste at the Site. As a result, even assuming that NYSDEC had any authority to list the Special Area 13 site in the first instance, the Department should have removed the Site from the Registry or at a minimum, reclassified it as a Class 3 site.

RESPONSE 12: The Department disagrees. Regulations provided in 6 NYCRR Part 375-1.2(w) define *"hazardous waste"* as *"a waste which appears on the list or satisfies the characteristics promulgated by the Commissioner pursuant to Environmental Conservation Law (ECL) 27-0903 and any substance which appears on the list promulgated pursuant to ECL 37-0103."* PCBs are on the list promulgated pursuant to ECL 37-0103. The definition does not include any applicable, minimum concentration value. The 50 ppm level is relevant to the classification of PCB waste as a B waste pursuant to 6NYCRR Part 371 and thus subject to regulation as a hazardous waste pursuant to 6 NYCRR Part 375.

COMMENT 13: NYSDEC failed to define the inputs used to calculate key statistical values that were relied upon for making risk management decisions. Furthermore, the key statistical values appear to have excluded site sample results as some were grouped with data from the adjacent New Moreau site.

There are three contiguous dredge spoil material disposal sites. The Special Area 13 site shares common boundaries with the New Moreau site. The clearest site boundaries for the Special Area 13 were provided in the FS report. Based on these boundaries, data clearly within the Special Area 13 site was not included in its RI Report. Consequently, the data evaluation conducted for the Special Area 13 RI likely did not include all site data and it appears the information relied upon by NYSDEC in selecting a proposed remedy was therefore flawed and biased.

RESPONSE 13: As the comment points out, there are three contiguous dredge spoil disposal sites in this area and the Special Area 13 Dredge Spoil Disposal Area shares common boundaries with the Moreau Dredge Spoil Disposal Site and the Old Moreau Dredge Spoil Disposal Area. These common boundaries may or may not be coincident with the established tax map property boundaries for any one of the given sites. The selected remedy for the Special Area 13 Dredge Spoil Disposal Area is based on an interpretation of those data point results deemed to be associated with and pertinent to the Special Area 13 Dredge Spoil Disposal Area regardless of location with respect to established tax map property boundaries. (This approach is echoed in the selection of the remedy provided in the ROD documents for the Old Moreau Dredge Spoil Disposal Area and the Moreau Dredge Spoil Disposal Site.) This issue was also discussed during the public meeting.

COMMENT 14: Data used to assess the remedial approach for the Morrison Property, which represents over 87% of the total remedial action costs, were not included in the RI report. Furthermore, these data, which were only provided to GE upon request after the comment period had commenced, were in a form that was inconsistent with the requirements of DER-10 and 40 CFR § 300.810, Contents of the Administrative Record File**.**

The RI report for Special Area 13 does not contain results for the sampling conducted on the Morrison Property; however, this information was used to develop an excavation and off-site disposal remedial component for this portion of the Special Area 13 site. The sampling results for the Morrison Property were provided to GE in two documents. One is a set of standalone data tables and the other a draft letter to NYSDEC from Ecology & Environment Engineering, PC (EEE), dated 27 February 2004. The documentation related to the Morrison Property sampling does not specify the analytical methodology or the data quality objectives (DQOs) for the effort. In addition,

insufficient documentation is available regarding the laboratory reports, data validation reports, description of qualifiers and interpretation of results. The presentation of this information is inconsistent with the requirements of DER-10 and 40 CFR § 300.810, Contents of the Administrative Record File. 40 CFR § 300.810 provides for the administrative record to include documents that form the basis for the selected response action, including but not limited to, verified sampling data, quality control and quality assurance documentation and chain of custody forms. Without this information, it is not possible to assure the quality or validity of these data. Furthermore, as this data is neither included in the RI report nor the administrative record, there is no basis in the administrative record upon which to base a remedial action at the Morrison Property portion of the site.

RESPONSE 14: See Response 8.

COMMENT 15: There is no basis to support a conclusion that attainment of a 0.1 ppm cleanup goal for PCBs could be achieved with a modest volume increase when the remedial alternatives in the FS were based on a PCB cleanup goal of 1 ppm. The estimated 20% volume increase that was assumed to occur from a more stringent cleanup goal of 0.1 ppm PCB is arbitrary given the detection limits of the existing data exceeds 0.1 ppm.

RESPONSE 15: The Record of Decision clarifies that the PCB cleanup level to be applied will be 1 ppm total PCB, the residential SCO without restrictions.

COMMENT 16: The absence of any Data Quality Objectives (DQOs) to inform the Department's decision to rely on PCB screening results impedes the ability of the Feasibility Study to develop and evaluate remedial alternatives in accordance with DER-10 (§2.1(c)(1)) and the NCP (40 CFR § 300.430(e)) and justify the proposed remedy.

Approximately 80% of the RI sample results were derived from a PCB screening approach. The other 20% of the results were derived from conventional laboratory analysis. Although screening approaches can be common components of an RI, especially when combined with more conventional laboratory analysis, both DER-10 (§3.5.1 (d)) and the NCP (40 CFR § 300.430(e)) contemplate that DQOs are established to ensure the data collected are of known quality and suitable for their intended purpose. Moreover, DER-10 (§2.1 (c) (1) contemplates that data obtained using field-screening methods, even when supported by ELAP approved methods, should "…not be used to make final determinations relative to impacts from contamination on the public health". The administrative record for the Site fails to establish that proper DQOs were established and adhered to in the RI/FS process for all areas of the site including the Morrison Property. Hence, there is no basis to objectively evaluate the uncertainty around the PCB remedial goal adopted by the Department which significantly influences the scope of the proposed remedy.

RESPONSE 16: The Department utilized both screening results and more rigorously developed analytical protocols, in developing its understanding of conditions at the site. As noted the use of screening approaches is detailed in DER 10 at subdivision 1.2(c), and the required analytical sample analysis for field screening is 10% so the 20% analytical identified in the comment is well within the acceptable range.

The commenter also notes that these methods should "…not be used to make final determinations relative to impacts from contamination on the public health". Appendix 2A of DER-10 defines final determinations as those made at the end of the remedial action to confirm compliance with cleanup target concentrations; this clearly is not the point in the process, in remedy selection, where this comment would apply.

The RI/FS work plan included conventional laboratory analytical results, developed with DQOs, which primarily informed the Department on the extent of contamination at the site. Given the clarification of the remedial goal for the site (see response to Comment 15, above), the portion of the comment pertaining to uncertainty about the remedial goal no longer applies.

COMMENT 17: If residential occupation of the Morrison Property resumes, a risk-based cleanup level for PCBs would be more appropriate to evaluate potential remedial actions for the Morrison Property portion of Special Area 13. The use of the SCO for ecological receptors is not appropriate as the SLERA did not conclusively demonstrate ecological risks (see comment below).
Currently, there is an unoccupied home in a state of disrepair located on the Morrison Property. The house does not appear to have been occupied for some time. Should residential use of the property resume, a risk-based cleanup level would be appropriate for this portion of the site. As discussed in Comment 16, Subpart 375 for the use of risk-based cleanup levels in lieu of SCOs. Should NYSDEC choose to rely solely on the existing SCOs, the residential SCO of 1 ppm would be more appropriate if the residential use resumes at the property. It should however be noted that this portion of the site, in fact, is zoned M-1 Industrial and therefore the industrial SCO would be more consistent with that use. Furthermore, the use of the SCO for ecological receptors (as discussed in Comment 19) is not appropriate for this site because the SLERA did not conclusively demonstrate that there are actual risks to ecological receptors at the site.

RESPONSE 17: Neither this Record of Decision, nor did the proposed plan, apply an SCO for ecological receptors as the cleanup level for this site. See Response 15 for a clarification of the cleanup targets for the site.

COMMENT 18: The Human Health Risk Evaluation concluded that there is no unacceptable human health risk. Therefore, there is no basis for NYSDEC to conclude the site poses a significant threat to human health and hence, no basis to support the Class 2 designation or propose a remedy based on protectiveness of human health.

While the human health risk assessment conducted as part of the RI is presented as a *"qualitative"* risk analysis, it is, in fact, a quantitative risk assessment. NYSDEC evaluated five potential exposure scenarios, calculated upper bound exposure point concentrations as either the 95^{th} UCL or the maximum concentration (whichever was lower, as appropriate) for each scenario, conservative exposure parameters and upper-bound toxicity values, and calculated quantitative estimates of risk and hazard. The scenarios evaluated included: 1) Current Adult Maintenance Workers exposed to surface soils throughout the site, 2) Current and Future Adult and Child Recreational Users exposed to surface sediments outside of the fence, 3) Current Adult and Child Residents exposed to surface soil and sediment located outside of the fence, 4) Future Adult Commercial/Industrial Exposure to

soil (0-10 feet) and sediment across the entire site, and 5) Future Construction Workers exposed to soil (0-10 feet) and sediment across the entire site.

The results of that quantitative risk assessment indicated that all cancer risks and all but one of the non-cancer hazard indices were below benchmarks of concern. While the hazard index for a child resident, assumed to be exposed to media in all areas of the site outside of the fenced area, exceeded that benchmark by a factor of 3, EEE stated that "by definition a reference dose has uncertainty that spans an order of magnitude (or one log cycle); thus, hazard indices between 3 and 0.3 cannot be distinguished from 1 indicating that the child resident's hypothetical exposure is not likely to be of concern." Consequently, it was concluded that the site posed no current or future risk to public health.

In addition, while the EEE risk assessment discussed "current" residential exposure, there is no residential exposure currently occurring at the site. There is a residence located on the Morrison property but that home appears to have been abandoned and is in significant disrepair. In addition, the property on which it is located is zoned for industrial use, rather than residential use. Consequently, the residential scenario is a hypothetical scenario and remedial decisions should not be based on that potential use.

Subpart 375 provides target risk and hazard benchmarks that can be used in determining the need for remediation but also provide flexibility in that process. It permits the Department to depart from using SCOs as remedial goals if it can be demonstrated that alternative levels would be protective of public health. Subpart 375(3) (ii) states that a cleanup level that exceeds a one in one million lifetime cancer risk or hazard index of one may be approved by the Department "without requiring the use of institutional or engineering controls to eliminate exposure only upon a site-specific finding by the Commissioner, in consultation with the State commissioner of health, that such level shall be protective of public health and the environment." Because the EEE risk assessment, which was conducted at NYSDEC's request, has demonstrated that there is no unacceptable risk associated with current media concentrations at the site, the proposed remedies are not necessary to protect public health.

RESPONSE 18: The Department disagrees that there is no basis to conclude that the site poses a significant threat to human health. As the commenter has noted, the hazard index for a child resident exceeds the level of concern; this is typically one of the reasons for the Department to take action at residential locations. Exceedances of the SCO for PCB in surface soils, combined with the potential for human exposures to these surface soils, provide a basis for the selected remedy. The 1 ppm level has been consistently applied for cleanups by the Department.

COMMENT 19: The RI finding that the site poses little or no risks to communities of terrestrial plants and soil invertebrates but may pose a risk to some wildlife species, amphibians and benthic invertebrates does not meet the standard to justify a determination of significant threat. Hence, there is no basis to support the Class 2 designation and no basis to propose a remedy based on protection of the environment.

A Screening-Level Ecological Risk Assessment (SLERA) is a conservative vetting tool whose purpose is to eliminate contaminants of concern from any further consideration of potential ecological risk. It is not intended to support a conclusion that contaminants, which are not eliminated by the screen, present a significant threat as per 6 NYCRR Part 375-1.2 (1) (a) (i), (ii), (iii), (iv), (v) (i.e. results in significant adverse impacts and/or acute or chronic effects or contributes to significant adverse ecotoxicity from bioaccumulation in flora or fauna or cause human consumption to be limited). While a SLERA to assess potential impacts to ecological receptors may be a useful first step in the assessment of potential ecological risks, the NYSDEC DER-10, Fish and Wildlife Resource Impact Assessment [FWRIA] guidance, and the US EPA ecological risk assessment guidelines offer more thorough methods (qualitative and quantitative) to assess ecological risks that may arise from the presence of contaminants in various settings. According to USEPA (2001) *Eco Update, The Role of Screening-Level Risk Assessments and Refining Contaminants of Concern in Baseline Ecological Risk Assessments*, SLERAs are not intended to provide definitive estimates of actual risk or generate cleanup goals. Furthermore, the screening values in the SLERA are not based upon site-specific assumptions.

Notwithstanding the fact that remedial decisions should not be based on the results of a SLERA, review of the SLERA indicates that the assumptions made for the following parameters were overly conservative for determining remedial needs: ingestion rates, soil exposure point concentrations, bioaccumulation factors and toxicity reference values. Some specific examples include, but are not limited to:

Dietary Composition: The SLERA includes a conservative assumption that the robin consumes 100% earthworms, yet the studies from which the ingestion rate was taken state that worms comprise a much smaller fraction of the actual robin diet, with other invertebrates and vegetation factored in as well. Worms accumulate PCBs to a greater extent than plants and other invertebrates, therefore, including these other components would reduce the estimated risk to the robin.

Exposure Point Concentration: The SLERA conservatively uses a maximum concentration in the upper six feet for the EPC rather than the 95% UCL on the mean in the upper six inches of soil. Furthermore, the 0-6 inch depth interval would be the appropriate soil profile to consider for exposure to the identified receptors and is consistent with DER-10.

Bioaccumulation Factors: BAFs that were not appropriate for PCBs were assumed. As stated in the cited reference for this value, the authors acknowledge that the equation for PCBs in earthworms overestimated uptake 81 percent of the time (Sample et al, 1998a).

Toxicity Reference Values (TRV): More appropriate TRVs can be found in other documents not utilized in the SLERA, including but not limited to Region 9 BTAG and values used and accepted by USEPA on other large PCB sites.

Use of more appropriate values for the above parameters demonstrates that Site soil does not pose risks in excess of a hazard quotient of 1. In summary, it can be concluded that an ERA conducted in

accordance with the NCP would conclude that there is no need to conduct remedial action at this Site to mitigate ecological risks.

Based on the above, the SLERA is an insufficient basis for NYSDEC to determine the site poses a significant threat. As a consequence the NYSDEC has no basis to assign the site a Class 2 designation or propose a remedial action to protect the environment. Furthermore, as this assessment does not conclude a risk to ecological receptors under current conditions, there is no rationale to include the ecological SCO of 1 ppm as a remedial goal.

RESPONSE 19: The Department disagrees and believes that the available site data, including (as noted and described in Comment 19 above) the risks to wildlife species, support the selection of this remedy.

COMMENT 20: The FS report failed to consider more appropriate and cost effective remedial options for the Morrison Property, including: (1) focused hot spot soil removal; (2) surface cover with use restrictions; or (3) demolition of the vacant house and enforcement of the M-1 Industrial zoning. Specifically, the proposed remedy for the Morrison Property portion of Special Area 13, which represents approximately 87% of the $5.4 MM estimate, is not cost-effective as defined in the NCP (40 CFR Part 300.430(f), March 8, 1990, page 8725.

The NCP states that cost effectiveness is determined by comparing the cost and overall effectiveness to determine whether the costs are proportional to the effectiveness achieved. For the purpose of making this determination, the NCP assesses the long-term effectiveness, reduction of toxicity, mobility or volume through treatment, implementability and short-term effects. The proposed remedy for the Morrison Property is excavation for the purpose of achieving a PCB cleanup goal of 0.1 ppm. As noted above in Comment 14, the basis for estimating the volume and cost associated with achieving a 0.1 ppm PCB cleanup level is arbitrary and unsupported by existing data.

According to the Town of Moreau zoning maps, the Morrison Property is located in an M-1 Industrial zone. As discussed above, a house that is in severe disrepair, which appears to be unoccupied, is currently located on this property. Given the zoning and the state of the house situated on this property, there are a number of alternative remedial actions that could have been considered. These include: (1) hot spot removal; (2) installation of a surface cover; or (3) removal of the building and enforcement of the M-1 Industrial zoning.

Surface Soil Hot Support Removal
The HHRA concluded no unacceptable risks were posed to human health by the Morrison Property soil and the SLERA did not conclusively indicate any unacceptable risks to ecological receptors. As discussed in Comment 16, Subpart 375 provides for the use of risk-based cleanup levels in lieu of SCOs. Should the NYSDEC choose to rely solely on the existing SCOs, the residential SCO of 1 ppm would be more appropriate for residential and commercial receptors. As the interval of soil exposure for resident is 6-inches (as stated in the RI), the SCO for residential receptors can be more than adequately addressed through removal of PCB hot spots on the upper two feet of surface soil. Through removal of soil exhibiting PCB concentrations ranging from 4.4 to 15 ppm and replacement with clean soil a 95% UCL on the mean of less than 1 ppm could be achieved in the upper two feet

of soil. The SCO for commercial workers could then be addressed through engineering controls (e.g., a Soil Management Plan).

Surface Cover
The residential SCO could also be achieved through installation of a surface cover. This is quite similar to the hot spot removal option above; however, there would be no excavation. The cover would be installed over the PCB hot spots to achieve an acceptable 95% UCL on the mean PCB concentration.

Reinstatement of Industrial Use
Based on current market conditions, the value of the unoccupied house is approximately two orders of magnitude less than the estimated cost of the selected remedy for this portion of the site ($4.3 MM). Purchase and removal of the unoccupied house would preserve the current M-1 Industrial Zone classification and since the 95% UCL PCB concentration in surface soil is 4.25 mg/kg, it is well below the 25 ppm PCB SCO for this land use and easily managed through institutional controls.

All of the three above alternative remedies would be more implementable and have fewer short term effects than the proposed remedy while matching the long-term effectiveness and reduction of toxicity, mobility or volume through treatment of the proposed remedy. Hence, the cost of the proposed remedy is not proportional to the effectiveness achieved while the above three alternative remedies meet the requirement of cost-effectiveness in the NCP.
RESPONSE 20: The Morrison Property - Tax Parcel 64.-2-55.2 - is zoned for general manufacturing and industrial distribution, but retains a property use classification as a single family residence - property used for human habitation, in the Tax Records for the Town of Moreau in Saratoga County. This residential use property is occupied by a single dwelling and a few out-buildings. The current or most recent use for this parcel is residential. The anticipated future use for this parcel is residential. The application of the residential SCOs in Part 375 to this parcel are appropriate. The SCO for the residential use property at this site is 1 ppm total PCB.

COMMENT 21: The remediation action objectives (RAOs) in the PRAP are already met under existing conditions and/or can be assured through institutional controls.

The risk assessment concluded that there were no unacceptable human health risks, establishing that this goal is already met. To the extent it is prudent to continue to limit future exposure to surface as well as subsurface soil, institutional controls will effectively meet these goals. Further, the potential risks to biota from the identified contaminants were overstated in the SLERA, which is not intended to be a risk-management decision-making document when selecting a remedy. The assessment included inflated exposure factors (e.g., ingestion rates, bioaccumulation factors), toxicity benchmarks and exposure point concentrations (EPCs).

Finally, the RI data did not indicate any groundwater or surface water impacts.

RESPONSE 21: The Department disagrees. As stated above in Responses 18 and 19, the selected remedy is needed to address site conditions and meet the RAOs.

COMMENT 22: Any of the three alternative remedies discussed above in Comment 20 would meet the threshold criteria pursuant to 6 NYCRR Section 375-1.8.

6 NYCRR Section 375-1.8 (f) (Remedy Selection) sets forth nine factors that the Department considers in selecting a remedy. The first two factors, "overall protectiveness of the public heath and the environment" and "standards, criteria and guidance" (SCGs), are similar to the "threshold criteria" set forth in the NCP. (Threshold criteria are ones a remedy must meet to be eligible for selection.)

With respect to "overall protectiveness of the public health and the environment," as discussed earlier, the HHRA indicates there are no unacceptable risks to humans. In the case of potential ecological risk, a SLERA alone is not the basis upon which risk management decisions should be made in proposing a remedial action.

With respect to "standards, criteria and guidance," the residential and commercial SCOs would be met through either hot spot surface soil removal or installation of a surface cover and institutional controls. In addition, under restored industrial use the 95% UCL on the mean PCB concentration in soil located in Special Area 13 is well below 25 ppm and in fact only 2 of the 268 soil samples exceed this value with a maximum concentration of 30 mg/kg. Thus, the SCOs for human health exposure would be met.

In conclusion, any of the three alternative remedies provides adequate protection of human health and the environment and compliance with SCGs. As such, institutional controls would meet the threshold criteria at significantly less cost than the proposed remedy while achieving the same proportional risk reduction.

RESPONSE 22: The alternatives which do not meet the promulgated SCOs do not pass the threshold evaluation for compliance with SCGs. The applicable SCO, as described above (*see Responses 15 and 20, above*), is 1 ppm total PCB. Use of a soil cover for a residential property to achieve this level does not meet the requirements of 6NYCRR375-1.8(g)(2)(i) since the soil cover represents an engineering control which is not allowable for residential use.

COMMENT 23: Any of the three alternate remedies discussed above in Comment 20 would also satisfy the balancing criteria pursuant to 6 NYCRR Section 375-1.8.

6 NYCRR Section 375-1.8 (f) (Remedy Selection) sets forth the nine factors that the Department considers in selecting a remedy; factors three (3) through nine (9) are similar to the "balancing criteria" set forth in the NCP. The balancing criteria in 6 NYCRR Section 375-1.8 (f) include: long-term effectiveness and permanence; short-term impacts and effectiveness; implementability; reduction in toxicity, mobility or volume through treatment; cost-effectiveness; community acceptance; and land use. (Balancing criteria are considered in weighing the advantages and disadvantages of remedial alternatives that meet the threshold criteria in order to select a preferred remedy for a site).

The soil removal and off-site disposal considered for the uncovered spoils portion of the proposed remedy would not reduce the toxicity, mobility or volume of the materials. Hence, the three alternative remedies would meet this criterion to the same degree as the proposed remedy.

In conclusion, any of the three institutional control remedies would also satisfy the balancing criteria at significantly less cost than the proposed remedy while achieving the same proportional risk reduction. The alternative remedies would also be easier to implement and would have fewer short term impacts.

RESPONSE 23: The Department disagrees. Simply because the selected remedy has a similar reduction in toxicity, mobility, and/or volume as other alternatives does not mean that the other alternatives "satisfy the balancing criteria." The land use criteria would not be satisfied by the soil cover since it would not allow residential use. As described in Response 24 below, NYSDEC believes that an evaluation of overall effectiveness favors the selected alternative. Also see Response 22 above.

COMMENT 24: An alternate remedy that relies on institutional controls would be consistent with 6 NYCRR Part 375-1.8 (a) (5) (i) (ii) (iii) as well as the NCP, which is incorporated by reference in 6 NYCRR Part 375-1.1 (g) (2), while providing a greater degree of overall effectiveness.

Threshold criteria are used to determine whether a specific remedial alternative is eligible to be selected. As demonstrated above, the three alternative remedies would result in the same degree of "overall protectiveness of the public heath and the environment" while meeting "standards, criteria and guidance" as set forth in 6 NYCRR Section 375-1.8(f). Hence, the NYSDEC-proposed remedy offers no proportional benefit with respect to risk reduction or compliance with SCGs.

When evaluating the relative benefits of various remedial alternatives that meet the threshold criteria, the balancing criteria are relied upon to make a selection. When balancing the trade-offs among remedial alternatives, the NCP, which is incorporated by reference in 6 NYCRR Part 375-1.1 (g) (2), compares the costs and overall effectiveness. Overall effectiveness includes long-term effectiveness and permanence, reduction in toxicity, mobility or volume through treatment, and short-term effectiveness. The relationship between overall effectiveness and cost is examined across all alternatives to identify those that provide effectiveness that are proportional to their cost.

As previously stated, the three alternative remedies presented in Comment 20 offer similar benefits in long-term effectiveness and permanence, and reduction in toxicity, mobility or volume through treatment as the proposed remedy. Hence, with respect to these criteria, the overall effectiveness of the proposed remedy is not proportional to the effectiveness that can be achieved via one of the three alternative remedies.

And in the case of short-term impacts and effectiveness, any of the three alternative remedies would have lesser short-term impacts and equal effectiveness as the proposed remedial action.

Any of the three alternative remedies represent a remedy whose overall effectiveness is proportional to its cost given the environmental conditions and current and future Site use.

RESPONSE 24: The Department disagrees. Simply because a remedy has a lower cost does not mean that that remedy is cost effective. The long term effectiveness and permanence of an alternative which leaves behind soils exceeding the promulgated SCOs in a residential setting is significantly lower than an alternative which does not. The higher cost of the selected remedy is offset by the increased long term effectiveness and permanence. Also see Response 22.

COMMENT 25: In its May 8, 2012 letter GE asserts that the company should not be identified as a PRP for this site for various reasons listed in the letter.

RESPONSE 25: The Department and the State take no formal position in this document on comments received regarding the legal liability of any particular party or the applicability of any affirmative defenses to such liability and hereby reserves all rights thereto.

APPENDIX B

ADMINISTRATIVE RECORD

Administrative Record
Special Area 13 Dredge Spoil Disposal Area
Town of Moreau – Saratoga County - New York
Site No. 546041

December 2012

Documents

"Final IIWA Letter Report for the Morrison Property (546046) - Town of Moreau in Saratoga County - 2002 Program" dated July 2012, prepared by Ecology and Environment Engineering.

"Proposed Remedial Action Plan for the Special Area 13 Dredge Spoil Disposal Area - Town of Moreau - Saratoga County - New York - Site No. 546041", dated February 24, 2012, prepared by the Department in consultation with the New York State Department of Health.

"Proposed Remedial Action Plan Fact Sheet and Meeting Announcement for the Special Area 13 Dredge Spoil Disposal Area", dated February 2012, prepared by the Department.

"Feasibility Study for the Special Area 13 Dredge Spoil Disposal Area - Site Number 546041 - Moreau, New York", dated February 2012, prepared for the New York State Department of Environmental Conservation by Ecology and Environment Engineering.

"Remedial Investigation Report for the Special Area 13 Dredge Spoil Disposal Area - Site Number 546041 - Moreau, New York", dated February 2012, prepared for the New York State Department of Environmental Conservation by Ecology and Environment Engineering.

"Final -New York State Registry of Inactive Hazardous Waste Disposal Site Classification Report - New Class 2 Site - Special Area 13 Dredge Spoil Disposal Area - Site ID 546041", dated December 2011, prepared by the Department.

"Final Technical Work Plan for the Remedial Investigation and Feasibility Study at the Special Area 13 Dredge Spoil Disposal Area", dated November 2005, prepared by Ecology and Environment Engineering.

"Revised - Technical Scope of Work for the Remedial Investigation and Feasibility Study at the Special Area 13 Dredge Spoil Disposal Area", dated October 2005, prepared by the Department.

"Technical Scope of Work for the Remedial Investigation and Feasibility Study at the Special Area 13 Dredge Spoil Disposal Area", dated June 2005, prepared by the Department.

"Dredge Spoils Investigation in the Upper Hudson River Valley", Dated July 2001, prepared by the Department.

"Report - Hudson River PCB Project - Dredge Spoil Sites Investigation - Special Area 13 - Buoy 212, Old Moreau - Rogers Island - Site 518 - Buoy 204 Annex - Lock 4 - Lock 1", Volume I, dated December 1992, prepared by Malcolm Pirnie, Incorporated.

"Removal and Encapsulation of PCB-Contaminated Hudson River Bed Materials", dated 1977 - 1979, prepared for the New York State Departments of Transportation and Environmental Conservation by Malcolm Pirnie, Incorporated - includes a paper entitled "Removal and Disposal of PCB-Contaminated River Bed Materials", prepared by Richard Thomas (Malcolm Pirnie, Inc.), Russell Mt. Pleasant (NYSDEC) and Steven Maslansky (Malcolm Pirnie, Inc.), and presented at the 1979 National Conference on Hazardous Material Risk Assessment, Disposal and Management - April 25-27, 1979 - Miami Beach, Florida.

"Migration of PCBs from Landfills and Dredge Spoil Sites in the Hudson River Valley, New York - Final Report", dated November 1978, prepared by Weston Environmental.

Letter dated September 6, 1978 from USEPA Regional Administrator Eckardt Beck to NYSDOT Commissioner William Hennessey - Disposal of PCB Dredge Spoils From the Hudson River - (Approval to Use the Buoy 212 Site and Special Area 13 Along the Hudson River to Dispose of Dredge Spoils Containing PCBs) - (Buoy 212 and Special Area 13 TSCA Authorization Letter).

Letter dated November 29, 1976 from NYSDOT Director of Waterways Maintenance Joseph Stellato to NYSDEC Research Unit's Leo Hetling - Tabulation of Maintenance Dredging Records for the Champlain Canal between Waterford and Fort Edward for 1950 to 1969 inclusive.

Letter dated November 3, 1976 from NYSDOT Director of Waterways Maintenance Joseph Stellato to NYSDEC Research Unit's Leo Hetling - Tabulation of Maintenance Dredging Projects in the Champlain Canal for the period 1970 through 10/1976 inclusive.

"Disposal Area Sampling - Hudson River Sediment Study - Investigation of Conditions Associated with the Removal of the Fort Edward Dam - Fort Edward, New York", dated November 4, 1975, prepared for the New York State Department of Environmental Conservation and Malcolm Pirnie, Incorporated by Mueser, Rutledge, Wentworth and Johnston Consulting Engineers.

Comment Letters

Letter dated May 8, 2012 from John G. Haggard, Executive Director of the Remediation and Hudson Programs for General Electric.

B

2023 Groundwater Sampling Analytical Data

ANALYTICAL REPORT

Job#: A05-D983

STL Project#: NY5A9393.3
Site Name: Ecology and Environment NYSDEC Standby
Task: Moreau Dredge Spoils Site-000699.NV22.02

Mr. Gene Florentino
Ecology and Environment
368 Pleasant View Drive
Lancaster, NY 14086

STL Buffalo

Anthony E. Bogolin
Project Manager

12/29/2005

STL Buffalo
Current Certifications

As of 12/28/2005

STATE	Program	Cert # / Lab ID
AFCEE	AFCEE	
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP CWA, RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
Tennessee	SDWA	02970
USACE	USACE	
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA,RCRA	C254
West Virginia	CWA,RCRA	252
Wisconsin	CWA	998310390

Sample Data Summary Package

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A5D98311	NM-MW01-W-0-1205	WATER	12/07/2005	08:52	12/08/2005	16:00
A5D98305	NM-MWDEC-W-0-1205	WATER	12/07/2005	12:21	12/08/2005	16:00
A5D98310	NM-MWDOT-W-0-1205	WATER	12/07/2005	16:15	12/08/2005	16:00
A5D98306	NM-MWIOW-W-0-1205	WATER	12/08/2005	09:06	12/08/2005	16:00
A5D98301	NM-MWMPI1-W-0-1205	WATER	12/07/2005	10:00	12/08/2005	16:00
A5D98302	NM-MWMPI1-W-D-1205	WATER	12/07/2005	10:05	12/08/2005	16:00
A5D98303	NM-MWMPI2-W-0-1205	WATER	12/07/2005	10:12	12/08/2005	16:00
A5D98304	NM-MWMPI3-W-0-1205	WATER	12/07/2005	10:25	12/08/2005	16:00
A5D98307	NM-MWMPIO4-W-0-1205	WATER	12/07/2005	12:26	12/08/2005	16:00
A5D98307MS	NM-MWMPIO4-W-0-1205	WATER	12/07/2005	12:26	12/08/2005	16:00
A5D98307SD	NM-MWMPIO4-W-0-1205	WATER	12/07/2005	12:26	12/08/2005	16:00
A5D98309	NM-MWMPIO5-W-0-1205	WATER	12/07/2005	15:16	12/08/2005	16:00
A5D98308	NM-MWMPIO6-W-0-1205	WATER	12/07/2005	14:22	12/08/2005	16:00

METHODS SUMMARY

Job#: A05-D983

STL Project#: NY5A9393.3
Site Name: Ecology and Environment NYSDEC Standby

PARAMETER	ANALYTICAL METHOD
METHOD 8082 - POLYCHLORINATED BIPHENYLS	SW8463 8082
Aluminum - Total	SW8463 6010
Antimony - Total	SW8463 6010
Arsenic - Total	SW8463 6010
Barium - Total	SW8463 6010
Beryllium - Total	SW8463 6010
Cadmium - Total	SW8463 6010
Calcium - Total	SW8463 6010
Chromium - Total	SW8463 6010
Cobalt - Total	SW8463 6010
Copper - Total	SW8463 6010
Iron - Total	SW8463 6010
Lead - Total	SW8463 6010
Magnesium - Total	SW8463 6010
Manganese - Total	SW8463 6010
Mercury - Total	SW8463 7470
Nickel - Total	SW8463 6010
Potassium - Total	SW8463 6010
Selenium - Total	SW8463 6010
Silver - Total	SW8463 6010
Sodium - Total	SW8463 6010
Thallium - Total	SW8463 6010
Vanadium - Total	SW8463 6010
Zinc - Total	SW8463 6010
Total Alkalinity	MCAWW 310.2
Total Dissolved Solids	MCAWW 160.1
Total Hardness	MCAWW 130.2
Total Suspended Solids	MCAWW 160.2

MCAWW "Methods for Chemical Analysis of Water and Wastes",EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/4-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993)

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

NON-CONFORMANCE SUMMARY

Job#: A05-D983

STL Project#: NY5A9393.3
Site Name: Ecology and Environment NYSDEC Standby

General Comments

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

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

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

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

Sample Receipt Comments

A05-D983
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
All samples were received in good condition.

GC Extractable Data

For Method 8082, one or more of the surrogate Tetrachloro-m-xylene and Decachlorbiphenyl recoveries have percent recoveries outside client control limits, but within laboratory limits. No action required.

For method 8082, the recovery and the relative percent difference for sample NM-MWMPI04-W-0-1205 Matrix Spike Duplicate are outside quality control limits for Aroclor 1016, though the Matrix Spike Blank recoveries are compliant, no action necessary.

Metals Data

The analyte Beryllium was detected in the ICB and severla CCB's at a level above the project established reporting limit. The requested reporting limit for Beryllium is below STL's standard reporting limit and, therefore, no corrective action has been taken for any anomalous detections. It must be noted that results reported below STL's standard reporting limit may result in false positive/false negative results, less accurate quantitation and potential misidentification at the lower concentrations.

The recovery of sample NM-MWMPI04-W-0-1205 Matrix Spike and Matrix Spike Duplicate exhibited results below the quality control limits for Calcium and Iron(MSD). The sample result is more than four times greater than the spike added. The LFB is acceptable.

The recovery of sample NM-MWMPIO4-W-0-1205 Post Spike exhibited results below the quality control limits for Calcium. However, the LFB was acceptable.

The ICSA and ICSAB at 20:51 and 20:55, exhibited results below the quality control limits for Thallium. However the samples were re-analyzed, and therefore not effected. No corrective action is necessary.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

****

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

Date: 12/29/2005
Time: 17:23:51

Dilution Log w/Code Information
For Job A05-D983

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
NM-MWMPI1-W-0-1205	A5D98301	Total Alkalinity	5.00	008
NM-MWMPI1-W-D-1205	A5D98302	Total Alkalinity	5.00	008
NM-MWMPI2-W-0-1205	A5D98303	Total Alkalinity	5.00	008

Dilution Code Definition:

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

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION
AND
ANALYTICAL REQUEST SUMMARY

LAB NAME: SEVERN TRENT LABORATORIES, INC.

CUSTOMER SAMPLE ID	LABORATORY SAMPLE ID	ANALYTICAL REQUIREMENTS						
		VOA GC/MS	BNA GC/MS	VOA GC	PEST PCB	METALS	TCLP HERB	WATER QUALITY
NM-MW01-W-0-1205	A5D98311	-	-	-	SW8463	SW8463	-	-
NM-MWDEC-W-0-1205	A5D98305	-	-	-	SW8463	SW8463	-	-
NM-MWDOT-W-0-1205	A5D98310	-	-	-	SW8463	SW8463	-	-
NM-MWIOW-W-0-1205	A5D98306	-	-	-	SW8463	SW8463	-	-
NM-MWMPI1-W-0-120	A5D98301	-	-	-	SW8463	SW8463	-	MCAWW
NM-MWMPI1-W-D-120	A5D98302	-	-	-	SW8463	SW8463	-	MCAWW
NM-MWMPI2-W-0-120	A5D98303	-	-	-	SW8463	SW8463	-	MCAWW
NM-MWMPI3-W-0-120	A5D98304	-	-	-	SW8463	SW8463	-	-
NM-MWMPIO4-W-0-12	A5D98307	-	-	-	SW8463	SW8463	-	-
NM-MWMPIO5-W-0-12	A5D98309	-	-	-	SW8463	SW8463	-	-
NM-MWMPIO6-W-0-12	A5D98308	-	-	-	SW8463	SW8463	-	-

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
PESTICIDE/PCB ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
NM-MW01-W-0-1205	WATER	12/07/2005	12/08/2005	12/09/2005	12/14/2005
NM-MWDEC-W-0-1205	WATER	12/07/2005	12/08/2005	12/09/2005	12/13/2005
NM-MWDOT-W-0-1205	WATER	12/07/2005	12/08/2005	12/09/2005	12/14/2005
NM-MWIOW-W-0-1205	WATER	12/08/2005	12/08/2005	12/09/2005	12/13/2005
NM-MWMPI1-W-0-1205	WATER	12/07/2005	12/08/2005	12/09/2005	12/13/2005
NM-MWMPI1-W-D-1205	WATER	12/07/2005	12/08/2005	12/09/2005	12/13/2005
NM-MWMPI2-W-0-1205	WATER	12/07/2005	12/08/2005	12/09/2005	12/13/2005
NM-MWMPI3-W-0-1205	WATER	12/07/2005	12/08/2005	12/09/2005	12/13/2005
NM-MWMPIO4-W-0-1205	WATER	12/07/2005	12/08/2005	12/09/2005	12/14/2005
NM-MWMPIO5-W-0-1205	WATER	12/07/2005	12/08/2005	12/09/2005	12/14/2005
NM-MWMPIO6-W-0-1205	WATER	12/07/2005	12/08/2005	12/09/2005	12/14/2005

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYTICAL SUMMARY
INORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	METALS REQUESTED	DATE RECEIVED AT LAB	DATE DIGESTED	DATE ANALYZED
NM-MW01-W-0-1205	WATER	TAL M W	12/08/2005	12/09-12/12/2005	12/09-12/13/2005
NM-MWDEC-W-0-1205	WATER	TAL M W	12/08/2005	12/09-12/12/2005	12/09-12/12/2005
NM-MWDOT-W-0-1205	WATER	TAL M W	12/08/2005	12/09-12/12/2005	12/09-12/12/2005
NM-MWIOW-W-0-1205	WATER	TAL M W	12/08/2005	12/09-12/12/2005	12/09-12/12/2005
NM-MWMPI1-W-0-1205	WATER	TAL M W	12/08/2005	12/09-12/13/2005	12/09-12/13/2005
NM-MWMPI1-W-D-1205	WATER	TAL M W	12/08/2005	12/09-12/12/2005	12/09-12/13/2005
NM-MWMPI2-W-0-1205	WATER	TAL M W	12/08/2005	12/09-12/12/2005	12/09-12/12/2005
NM-MWMPI3-W-0-1205	WATER	TAL M W	12/08/2005	12/09-12/12/2005	12/09-12/12/2005
NM-MWMPIO4-W-0-1205	WATER	TAL M W	12/08/2005	12/09-12/12/2005	12/09-12/12/2005
NM-MWMPIO5-W-0-1205	WATER	TAL M W	12/08/2005	12/09-12/12/2005	12/09-12/12/2005
NM-MWMPIO6-W-0-1205	WATER	TAL M W	12/08/2005	12/09-12/12/2005	12/09-12/12/2005

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
ORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILIARY CLEAN UP	DIL/CONC FACTOR
NM-MW01-W-0-1205	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MWDEC-W-0-1205	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MWDOT-W-0-1205	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MWIOW-W-0-1205	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MWMPI1-W-0-1205	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MWMPI1-W-D-1205	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MWMPI2-W-0-1205	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MWMPI3-W-0-1205	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MWMPIO4-W-0-1205	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MWMPIO5-W-0-1205	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MWMPIO6-W-0-1205	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

LABORATORY SAMPLE CODE	MATRIX	ANALYTICAL PROTOCOL	DIGESTION PROCEDURE	MATRIX MODIFIER	DIL/CONC FACTOR
NM-MW01-W-0-1205	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MWDEC-W-0-1205	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MWDOT-W-0-1205	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MWIOW-W-0-1205	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MWMPI1-W-0-1205	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MWMPI1-W-D-1205	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MWMPI2-W-0-1205	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MWMPI3-W-0-1205	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MWMPIO4-W-0-1205	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MWMPIO5-W-0-1205	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MWMPIO6-W-0-1205	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED

SEVERN TRENT STL

DATA QUALIFIER PAGE

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

ORGANIC DATA QUALIFIERS

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

INORGANIC DATA QUALIFIERS

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

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW01-W-0-1205

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5D98311

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 19B39186.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 12/07/2005 12/08/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 12/09/2005

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/14/2005

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MWDEC-W-0-1205

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5D98305

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 19B39176.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 12/07/2005 12/08/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 12/09/2005

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/13/2005

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.56	
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MWDOT-W-0-1205

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5D98310

Sample wt/vol: 1040.00 (g/mL) ML Lab File ID: 19B39183.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 12/07/2005 12/08/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 12/09/2005

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/14/2005

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MWIOW-W-0-1205

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5D98306

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 19B39177.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 12/08/2005 12/08/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 12/09/2005

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/13/2005

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MWMPI1-W-0-1205

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5D98301

Sample wt/vol: 1015.00 (g/mL) ML Lab File ID: 19B39170.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 12/07/2005 12/08/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 12/09/2005

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/13/2005

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	1.1	
11104-28-2	Aroclor 1221	0.49	U
11141-16-5	Aroclor 1232	0.49	U
53469-21-9	Aroclor 1242	0.49	U
12672-29-6	Aroclor 1248	0.49	U
11097-69-1	Aroclor 1254	0.66	
11096-82-5	Aroclor 1260	0.49	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MWMPI1-W-D-1205

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5D98302

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 19B39171.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 12/07/2005 12/08/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 12/09/2005

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/13/2005

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	1.2	
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MWMPI2-W-0-1205

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5D98303

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 19B39174.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 12/07/2005 12/08/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 12/09/2005

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/13/2005

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.53	
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MWMPI3-W-0-1205

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5D98304

Sample wt/vol: 1045.00 (g/mL) ML Lab File ID: 19B39175.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 12/07/2005 12/08/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 12/09/2005

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/13/2005

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.70	
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MWMPIO4-W-0-1205

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5D98307

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 19B39178.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 12/07/2005 12/08/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 12/09/2005

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/14/2005

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.87	
11104-28-2	Aroclor 1221	2.3	
11141-16-5	Aroclor 1232	0.50	U
53469-21-9	Aroclor 1242	0.50	U
12672-29-6	Aroclor 1248	0.50	U
11097-69-1	Aroclor 1254	0.50	U
11096-82-5	Aroclor 1260	0.50	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MWMPIO5-W-0-1205

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5D98309

Sample wt/vol: 1020.00 (g/mL) ML Lab File ID: 19B39182.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 12/07/2005 12/08/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 12/09/2005

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/14/2005

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.49	U
11104-28-2	Aroclor 1221	0.49	U
11141-16-5	Aroclor 1232	0.49	U
53469-21-9	Aroclor 1242	0.49	U
12672-29-6	Aroclor 1248	0.49	U
11097-69-1	Aroclor 1254	0.49	U
11096-82-5	Aroclor 1260	0.49	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MWMPIO6-W-0-1205

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5D98308

Sample wt/vol: 995.00 (g/mL) ML Lab File ID: 19B39181.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 12/07/2005 12/08/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 12/09/2005

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/14/2005

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.50	U
11104-28-2	Aroclor 1221	0.50	U
11141-16-5	Aroclor 1232	0.50	U
53469-21-9	Aroclor 1242	0.50	U
12672-29-6	Aroclor 1248	0.50	U
11097-69-1	Aroclor 1254	0.50	U
11096-82-5	Aroclor 1260	0.50	U

STL BUFFALO

Ecology & Environment. Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW01-W-0-1205

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A05-D983

Matrix (soil/water): WATER Lab Sample ID: AD570561

Level (low/med): LOW Date Received: 12/8/2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	51300			P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	19.9			P
7440-39-3	Barium	363			P
7440-41-7	Beryllium	2.2			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	142000			P
7440-47-3	Chromium	58.6			P
7440-48-4	Cobalt	27.2			P
7440-50-8	Copper	67.6			P
7439-89-6	Iron	67800			P
7439-92-1	Lead	27.2			P
7439-95-4	Magnesium	39300			P
7439-96-5	Manganese	1230			P
7440-02-0	Nickel	61.3			P
7440-09-7	Potassium	12700			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	31900			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	78.7			P
7440-66-6	Zinc	152			P

Color Before: GRAY Clarity Before: CLOUDY Texture: NONE

Color After: GRAY Clarity After: CLOUDY Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MWDEC-W-0-1205

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A05-D983

Matrix (soil/water): WATER Lab Sample ID: AD570553

Level (low/med): LOW Date Received: 12/8/2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	87.5			P
7440-41-7	Beryllium	0.09			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	142000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	25800			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	26500			P
7439-96-5	Manganese	825			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	17700			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	13900			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	20.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment. Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MWDOT-W-0-1205

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A05-D983

Matrix (soil/water): WATER Lab Sample ID: AD570560

Level (low/med): LOW Date Received: 12/8/2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	755			P
7440-41-7	Beryllium	0.25			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	178000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	76100			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	33900			P
7439-96-5	Manganese	340			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	4030			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	7680			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	20.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MWIOW-W-0-1205

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A05-D983

Matrix (soil/water): WATER Lab Sample ID: AD570554

Level (low/med): LOW Date Received: 12/8/2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	400			P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	741			P
7440-41-7	Beryllium	0.19			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	190000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	78700			P
7439-92-1	Lead	70.1			P
7439-95-4	Magnesium	35500			P
7439-96-5	Manganese	280			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	4140			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	10300			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	20.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MWMPI1-W-0-1205

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A05-D983

Matrix (soil/water): WATER Lab Sample ID: AD570549

Level (low/med): LOW Date Received: 12/8/2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	524			P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	890			P
7440-41-7	Beryllium	0.17			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	170000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	78400			P
7439-92-1	Lead	29.1			P
7439-95-4	Magnesium	34600			P
7439-96-5	Manganese	356			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	4920			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	6700			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	20.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MWMPI1-W-D-1205

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A05-D983

Matrix (soil/water): WATER Lab Sample ID: AD570550

Level (low/med): LOW Date Received: 12/8/2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	637			P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	893			P
7440-41-7	Beryllium	0.23			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	167000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	78100			P
7439-92-1	Lead	16.4			P
7439-95-4	Magnesium	34200			P
7439-96-5	Manganese	349			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	5110			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	6630			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	20.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MWMPI2-W-0-1205

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A05-D983

Matrix (soil/water): WATER Lab Sample ID: AD570551

Level (low/med): LOW Date Received: 12/8/2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1090			P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	332			P
7440-41-7	Beryllium	0.12			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	68200			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	11.5			P
7439-89-6	Iron	30600			P
7439-92-1	Lead	354			P
7439-95-4	Magnesium	12400			P
7439-96-5	Manganese	385			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	4280			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	2430			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	20.6			P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MWMPI3-W-0-1205

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A05-D983

Matrix (soil/water): WATER Lab Sample ID: AD570552

Level (low/med): LOW Date Received: 12/8/2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	300			P
7440-41-7	Beryllium	0.13			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	73300			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	25700			P
7439-92-1	Lead	31.0			P
7439-95-4	Magnesium	13700			P
7439-96-5	Manganese	143			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	2390			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	2280			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	20.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MWMPIO4-W-0-1205

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A05-D983

Matrix (soil/water): WATER Lab Sample ID: AD570555

Level (low/med): LOW Date Received: 12/8/2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	875			P
7440-41-7	Beryllium	0.25			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	178000			P
7440-47-3	Chromium	5.3			P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	97200			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	36100			P
7439-96-5	Manganese	210			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	4600			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	11100			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	20.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MWMPIO5-W-0-1205

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A05-D983

Matrix (soil/water): WATER Lab Sample ID: AD570559

Level (low/med): LOW Date Received: 12/8/2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	796			P
7440-41-7	Beryllium	0.30			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	208000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	80200			P
7439-92-1	Lead	15.6			P
7439-95-4	Magnesium	32200			P
7439-96-5	Manganese	223			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	3020			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	1.3			CV
7440-23-5	Sodium	11000			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	20.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MWMPIO6-W-0-1205

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A05-D983

Matrix (soil/water): WATER Lab Sample ID: AD570558

Level (low/med): LOW Date Received: 12/8/2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	755			P
7440-41-7	Beryllium	0.31			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	186000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	78100			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	38700			P
7439-96-5	Manganese	157			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	2420			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	8700			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	20.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

Wet Chemistry Analysis

Client Sample No.: NM-MWMPI1-W-0-1205

Lab Name: STL Buffalo Contract: _____

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

Matrix (soil/water): WATER Lab Sample ID: A5D98301

% Solids: 0.0 Date Samp/Recv: 12/07/2005 12/08/2005

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Total Alkalinity	MG/L	323				310.2	12/13/2005
Total Dissolved Solids	MG/L	711				160.1	12/09/2005
Total Hardness	MG/L	820				130.2	12/12/2005
Total Suspended Solids	MG/L	78.0				160.2	12/09/2005

Comments:

Wet Chemistry Analysis

Client Sample No.: NM-MWMPI1-W-D-1205

Lab Name: STL Buffalo Contract: _____

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

Matrix (soil/water): WATER Lab Sample ID: A5D98302

% Solids: 0.0 Date Samp/Recv: 12/07/2005 12/08/2005

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Total Alkalinity	MG/L	383				310.2	12/13/2005
Total Dissolved Solids	MG/L	684				160.1	12/09/2005
Total Hardness	MG/L	700				130.2	12/12/2005
Total Suspended Solids	MG/L	75.0				160.2	12/09/2005

Comments:

Wet Chemistry Analysis

Client Sample No.: NM-MWMPI2-W-0-1205

Lab Name: STL Buffalo Contract: _____

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

Matrix (soil/water): WATER Lab Sample ID: A5D98303

% Solids: 0.0 Date Samp/Recv: 12/07/2005 12/08/2005

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Total Alkalinity	MG/L	248				310.2	12/13/2005
Total Dissolved Solids	MG/L	387				160.1	12/09/2005
Total Hardness	MG/L	440				130.2	12/12/2005
Total Suspended Solids	MG/L	98.0				160.2	12/09/2005

Comments:

METHOD 8082 - POLYCHLORINATED BIPHENYLS
WATER SURROGATE RECOVERY

Lab Name: STL Buffalo Contract: _____

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

GC Column(1): ZB-5 ID: 0.53 (mm)

	Client Sample ID	Lab Sample ID	DCBP %REC	#	TCMX %REC	#							TOT OUT
1	Matrix Spike Blank	A5B1914301	50	*	70								1
2	Method Blank	A5B1914302	42	*	82								1
3	NM-MW01-W-0-1205	A5D98311	32	*	44	*							2
4	NM-MWDEC-W-0-1205	A5D98305	50	*	78								1
5	NM-MWDOT-W-0-1205	A5D98310	70		84								0
6	NM-MWIOW-W-0-1205	A5D98306	54	*	80								1
7	NM-MWMPI1-W-0-1205	A5D98301	56	*	84								1
8	NM-MWMPI1-W-D-1205	A5D98302	55	*	89								1
9	NM-MWMPI2-W-0-1205	A5D98303	50	*	85								1
10	NM-MWMPI3-W-0-1205	A5D98304	68	*	82								1
11	NM-MWMPIO4-W-0-1205	A5D98307	67	*	84								1
12	NM-MWMPIO4-W-0-1205	A5D98307MS	65	*	77								1
13	NM-MWMPIO4-W-0-1205	A5D98307SD	68	*	136	*							2
14	NM-MWMPIO5-W-0-1205	A5D98309	65	*	88								1
15	NM-MWMPIO6-W-0-1205	A5D98308	79		89								0

QC LIMITS

(DCBP) = Decachlorobiphenyl (70-130)
(TCMX) = Tetrachloro-m-xylene (70-130)

\# Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

METHOD 8082 - POLYCHLORINATED BIPHENYLS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A5B1914302

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

Matrix Spike - Client Sample No.: Method Blank

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.	+ =
Aroclor 1260	5.00	4.11	82	50 - 122	
Aroclor 1016	5.00	4.65	93	29 - 123	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 2 outside limits

Comments: _____

METHOD 8082 - POLYCHLORINATED BIPHENYLS
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A5D98307

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

Matrix Spike - Client Sample No.: NM-MWMPIO4-W-0-1205

COMPOUND	SPIKE ADDED UG/L	SAMPLE CONCENTRATION UG/L	MS CONCENTRATION UG/L	MS % REC #	QC LIMITS REC.	+ =
Aroclor 1260	4.76	0	3.95	83	50 - 122	
Aroclor 1016	4.76	0.874	5.59	99	29 - 123	

COMPOUND	SPIKE ADDED UG/L	MSD CONCENTRATION UG/L	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	+ =
Aroclor 1260	4.76	4.40	92	10	30	50 - 122	
Aroclor 1016	4.76	8.23	155 *	44 *	30	29 - 123	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 1 out of 2 outside limits
Spike recovery: 1 out of 4 outside limits

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

NM-MWMPIO4-W-0-1205\MS

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A05-D983

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	9140.7695		200.0000	U	10000.00	91.4		P
Antimony	75 - 125	184.8400		20.0000	U	200.00	92.4		P
Arsenic	75 - 125	183.4500		10.0000	U	200.00	91.7		P
Barium		1058.7300		874.7100		200.00	92.0		P
Beryllium	75 - 125	180.7500		0.2500		200.00	90.2		P
Cadmium	75 - 125	175.8400		1.0000	U	200.00	87.9		P
Calcium		184621.7969		177718.0938		10000.00	69.0		P
Chromium	75 - 125	182.6600		5.3100		200.00	88.7		P
Cobalt	75 - 125	181.9400		4.0000	U	200.00	91.0		P
Copper	75 - 125	189.5300		10.0000	U	200.00	94.8		P
Iron		105251.5000		97175.6484		10000.00	80.8		P
Lead	75 - 125	187.5500		5.0000	U	200.00	93.8		P
Magnesium	75 - 125	44969.2813		36109.3789		10000.00	88.6		P
Manganese	75 - 125	390.2700		209.9500		200.00	90.2		P
Nickel	75 - 125	184.4500		10.0000	U	200.00	92.2		P
Potassium	75 - 125	15010.7002		4600.8301		10000.00	104.1		P
Selenium	75 - 125	189.4400		15.0000	U	200.00	94.7		P
Silver	75 - 125	47.7700		3.0000	U	50.00	95.5		P
Mercury	75 - 125	5.3000		0.2000	U	6.67	79.5		CV
Sodium	75 - 125	21109.4707		11056.5703		10000.00	100.5		P
Thallium	75 - 125	171.0900		20.0000	U	200.00	85.5		P
Vanadium	75 - 125	181.1800		5.0000	U	200.00	90.6		P
Zinc	75 - 125	179.9500		20.0000	U	200.00	90.0		P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

NM-MWMPIO4-W-0-12\SD

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	8907.1904		200.0000	U	10000.00	89.1		P
Antimony	75 - 125	184.4000		20.0000	U	200.00	92.2		P
Arsenic	75 - 125	181.9000		10.0000	U	200.00	91.0		P
Barium		1034.4700		874.7100		200.00	79.9		P
Beryllium	75 - 125	176.3500		0.2500		200.00	88.0		P
Cadmium	75 - 125	172.3900		1.0000	U	200.00	86.2		P
Calcium		180080.0000		177718.0938		10000.00	23.6		P
Chromium	75 - 125	178.2100		5.3100		200.00	86.4		P
Cobalt	75 - 125	177.6100		4.0000	U	200.00	88.8		P
Copper	75 - 125	184.9100		10.0000	U	200.00	92.5		P
Iron		103146.0000		97175.6484		10000.00	59.7		P
Lead	75 - 125	183.1800		5.0000	U	200.00	91.6		P
Magnesium		43983.8711		36109.3789		10000.00	78.7		P
Manganese	75 - 125	380.9400		209.9500		200.00	85.5		P
Nickel	75 - 125	180.0600		10.0000	U	200.00	90.0		P
Potassium	75 - 125	14700.5098		4600.8301		10000.00	101.0		P
Selenium	75 - 125	186.0500		15.0000	U	200.00	93.0		P
Silver	75 - 125	46.4500		3.0000	U	50.00	92.9		P
Mercury	75 - 125	5.4500		0.2000	U	6.67	81.7		CV
Sodium	75 - 125	20708.7402		11056.5703		10000.00	96.5		P
Thallium	75 - 125	166.2100		20.0000	U	200.00	83.1		P
Vanadium	75 - 125	176.4400		5.0000	U	200.00	88.2		P
Zinc	75 - 125	175.7000		20.0000	U	200.00	87.8		P

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.
-5B-

POST DIGEST SPIKE SAMPLE RECOVERY

SAMPLE NO.

NM-MWMPIO4-W-0-1205A

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A05-D983

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added(SA)	%R	Q	M
Aluminum	75 - 125	9433.25		200.00	U	10000.0	94.3		P
Antimony	75 - 125	195.04		20.00	U	200.0	97.5		P
Arsenic	75 - 125	191.49		10.00	U	200.0	95.7		P
Barium	75 - 125	1057.70		874.71		200.0	91.5		P
Beryllium	75 - 125	187.92		0.25		200.0	93.8		P
Cadmium	75 - 125	180.32		1.00	U	200.0	90.2		P
Calcium	75 - 125	184112.00		177718.09		10000.0	63.9	*	P
Chromium	75 - 125	191.90		5.31		200.0	93.3		P
Cobalt	75 - 125	191.14		4.00	U	200.0	95.6		P
Copper	75 - 125	199.16		10.00	U	200.0	99.6		P
Iron	75 - 125	105053.50		97175.65		10000.0	78.8		P
Lead	75 - 125	191.72		5.00	U	200.0	95.9		P
Magnesium	75 - 125	45092.77		36109.38		10000.0	89.8		P
Manganese	75 - 125	393.21		209.95		200.0	91.6		P
Nickel	75 - 125	189.69		10.00	U	200.0	94.8		P
Potassium	75 - 125	15354.01		4600.83		10000.0	107.5		P
Selenium	75 - 125	194.31		15.00	U	200.0	97.2		P
Silver	75 - 125	49.60		3.00	U	50.0	99.2		P
Sodium	75 - 125	21315.36		11056.57		10000.0	102.6		P
Thallium	75 - 125	177.32		20.00	U	200.0	88.7		P
Vanadium	75 - 125	189.00		5.00	U	200.0	94.5		P
Zinc	75 - 125	184.93		20.00	U	200.0	92.5		P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-6-

DUPLICATES

SAMPLE NO.

NM-MWMPIO4-W-0-12\SD

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A05-D983

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		9140.7695		8907.1904		2.6		P
Antimony		184.8400		184.4000		0.2		P
Arsenic		183.4500		181.9000		0.8		P
Barium		1058.7300		1034.4700		2.3		P
Beryllium		180.7500		176.3500		2.5		P
Cadmium		175.8400		172.3900		2.0		P
Calcium		184621.7969		180080.0000		2.5		P
Chromium		182.6600		178.2100		2.5		P
Cobalt		181.9400		177.6100		2.4		P
Copper		189.5300		184.9100		2.5		P
Iron		105251.5000		103146.0000		2.0		P
Lead		187.5500		183.1800		2.4		P
Magnesium		44969.2813		43983.8711		2.2		P
Manganese		390.2700		380.9400		2.4		P
Nickel		184.4500		180.0600		2.4		P
Potassium		15010.7002		14700.5098		2.1		P
Selenium		189.4400		186.0500		1.8		P
Silver		47.7700		46.4500		2.8		P
Mercury		5.3000		5.4500		2.8		CV
Sodium		21109.4707		20708.7402		1.9		P
Thallium		171.0900		166.2100		2.9		P
Vanadium		181.1800		176.4400		2.7		P
Zinc		179.9500		175.7000		2.4		P

Client Sample ID: Method Blank LCS
Lab Sample ID: A5B1929802 A5B1929801

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS METHOD 310.2 - TOTAL ALKALINITY	MG/L	50.89	50.00	102	90-110

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank LCS
Lab Sample ID: A5B1917002 A5B1917001

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS METHOD 160.1 - TOTAL DISSOLVED SOLIDS	MG/L	504.0	500.0	100	85-115

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank LCS
Lab Sample ID: A5B1922602 A5B1922601

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS METHOD 130.2 - TOTAL HARDNESS AS CACO3	MG/L	98.00	100.0	98	90-110

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank LCS
Lab Sample ID: A5B1916902 A5B1916901

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS METHOD 160.2 - TOTAL SUSPENDED SOLIDS	MG/L	671.0	698.0	96	88-110

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

METHOD 8082 - POLYCHLORINATED BIPHENYLS
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: STL Buffalo Contract: _____

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

Lab Sample ID: A5B1914302 Lab File ID: 19B39169.TX0

Matrix: (soil/water) WATER Extraction: SEPF

Sulfur Cleanup: (Y/N): N Date Extracted: 12/09/2005

Date Analyzed (1): 12/13/2005 Date Analyzed (2): _____

Time Analyzed (1): 21:34 Time Analyzed (2): _____

Instrument ID (1): HP5890-19 Instrument ID (2): _____

GC Column (1): ZB-5 Dia: 0.53(mm) GC Column (2): _____ Dia: ____(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
1	Matrix Spike Blank	A5B1914301	12/13/2005	
2	NM-MW01-W-0-1205	A5D98311	12/14/2005	
3	NM-MWDEC-W-0-1205	A5D98305	12/13/2005	
4	NM-MWDOT-W-0-1205	A5D98310	12/14/2005	
5	NM-MWIOW-W-0-1205	A5D98306	12/13/2005	
6	NM-MWMPI1-W-0-1205	A5D98301	12/13/2005	
7	NM-MWMPI1-W-D-1205	A5D98302	12/13/2005	
8	NM-MWMPI2-W-0-1205	A5D98303	12/13/2005	
9	NM-MWMPI3-W-0-1205	A5D98304	12/13/2005	
10	NM-MWMPIO4-W-0-1205	A5D98307	12/14/2005	
11	NM-MWMPIO4-W-0-1205	A5D98307MS	12/14/2005	
12	NM-MWMPIO4-W-0-1205	A5D98307SD	12/14/2005	
13	NM-MWMPIO5-W-0-1205	A5D98309	12/14/2005	
14	NM-MWMPIO6-W-0-1205	A5D98308	12/14/2005	

Comments: _____

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.: Method Blank

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5B1914302

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 19B39169.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: _____ _____

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 12/09/2005

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/13/2005

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.50	U
11104-28-2	Aroclor 1221	0.50	U
11141-16-5	Aroclor 1232	0.50	U
53469-21-9	Aroclor 1242	0.50	U
12672-29-6	Aroclor 1248	0.50	U
11097-69-1	Aroclor 1254	0.50	U
11096-82-5	Aroclor 1260	0.50	U

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	200.0	U	200.0	U	200.0	U	200.0	U	200.000	U	P
Antimony	20.0	U	20.0	U	20.0	U	20.0	U	20.000	U	P
Arsenic	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Barium	2.0	U	2.0	U	2.0	U	2.0	U	2.000	U	P
Beryllium	0.3		0.3		0.2		0.4		-0.150		P
Cadmium	1.0	U	1.0	U	1.0	U	1.0	U	1.000	U	P
Calcium	500.0	U	500.0	U	500.0	U	500.0	U	500.000	U	P
Chromium	4.0	U	4.0	U	4.0	U	4.0	U	4.000	U	P
Cobalt	4.0	U	4.0	U	4.0	U	4.0	U	4.000	U	P
Copper	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Iron	50.0	U	50.0	U	50.0	U	50.0	U	50.000	U	P
Lead	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P
Magnesium	200.0	U	200.0	U	200.0	U	200.0	U	200.000	U	P
Manganese	3.0	U	3.0	U	3.0	U	3.0	U	3.000	U	P
Nickel	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Potassium	500.0	U	500.0	U	500.0	U	500.0	U	500.000	U	P
Selenium	15.0	U	15.0	U	15.0	U	15.0	U	15.000	U	P
Silver	3.0	U	3.0	U	3.0	U	3.0	U	3.000	U	P
Sodium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	1000.000	U	P
Thallium	20.0	U	20.0	U	20.0	U	20.0	U			P
Vanadium	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P
Zinc	20.0	U	20.0	U	20.0	U	20.0	U	20.000	U	P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			200.0	U	200.0	U					P
Antimony			20.0	U	20.0	U					P
Arsenic			10.0	U	10.0	U					P
Barium			2.0	U	2.0	U					P
Beryllium			0.2		0.3						P
Cadmium			1.0	U	1.0	U					P
Calcium			500.0	U	500.0	U					P
Chromium			4.0	U	4.0	U					P
Cobalt			4.0	U	4.0	U					P
Copper			10.0	U	10.0	U					P
Iron			50.0	U	50.0	U					P
Lead			5.0	U	5.0	U					P
Magnesium			200.0	U	200.0	U					P
Manganese			3.0	U	3.0	U					P
Nickel			10.0	U	10.0	U					P
Potassium			500.0	U	500.0	U					P
Selenium			15.0	U	15.0	U					P
Silver			3.0	U	3.0	U					P
Sodium			1000.0	U	1000.0	U					P
Thallium			20.0	U	20.0	U					P
Vanadium			5.0	U	5.0	U					P
Zinc			20.0	U	20.0	U					P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Thallium	20.0	U	20.0	U	20.0	U	20.0	U	20.000	U	P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Thallium			20.0	U							P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Thallium	20.0	U	20.0	U	20.0	U	20.0	U			P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Thallium			20.0	U							P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Mercury	0.1	U	0.1	U	0.1	U	0.1	U	0.200	U	CV

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Mercury			0.1	U	0.1	U					CV

Comments:

WET CHEMISTRY
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: STL Buffalo Contract: _____

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

Lab Sample ID: A5B1929802 Lab File ID: _____

Matrix: (soil/water) WATER Instrument ID (1): _____

Date Analyzed (1): 12/13/2005 Time Analyzed (1): 15:03

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	LCS	A5B1929801	12/13/2005	15:03
2	NM-MWMPI1-W-0-1205	A5D98301	12/13/2005	15:03
3	NM-MWMPI1-W-D-1205	A5D98302	12/13/2005	15:03
4	NM-MWMPI2-W-0-1205	A5D98303	12/13/2005	15:03

Comments: _____

Wet Chemistry Analysis

Client Sample No.

Method Blank

Lab Name: STL Buffalo Contract: _____

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

Matrix (soil/water): WATER Lab Sample ID: A5B1929802

% Solids: 0.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Total Alkalinity	MG/L	10	U			310.2	12/13/2005

Comments:

WET CHEMISTRY
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: STL Buffalo Contract: _____

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

Lab Sample ID: A5B1917002 Lab File ID: _____

Matrix: (soil/water) WATER Instrument ID (1): _____

Date Analyzed (1): 12/09/2005 Time Analyzed (1): 16:30

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	LCS	A5B1917001	12/09/2005	16:30
2	NM-MWMPI1-W-0-1205	A5D98301	12/09/2005	16:30
3	NM-MWMPI1-W-D-1205	A5D98302	12/09/2005	16:30
4	NM-MWMPI2-W-0-1205	A5D98303	12/09/2005	16:30

Comments: _____

Wet Chemistry Analysis

Client Sample No.: Method Blank

Lab Name: STL Buffalo Contract: _____

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

Matrix (soil/water): WATER Lab Sample ID: A5B1917002

% Solids: 0.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Total Dissolved Solids	MG/L	10	U			160.1	12/09/2005

Comments:

WET CHEMISTRY
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: STL Buffalo Contract: _____

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

Lab Sample ID: A5B1922602 Lab File ID: _____

Matrix: (soil/water) WATER Instrument ID (1): _____

Date Analyzed (1): 12/12/2005 Time Analyzed (1): 11:00

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	LCS	A5B1922601	12/12/2005	11:00
2	NM-MWMPI1-W-0-1205	A5D98301	12/12/2005	11:00
3	NM-MWMPI1-W-D-1205	A5D98302	12/12/2005	11:00
4	NM-MWMPI2-W-0-1205	A5D98303	12/12/2005	11:00

Comments: _____

Wet Chemistry Analysis

Client Sample No.: Method Blank

Lab Name: STL Buffalo Contract: _____

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

Matrix (soil/water): WATER Lab Sample ID: A5B1922602

% Solids: 0.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Total Hardness	MG/L	2.0	U			130.2	12/12/2005

Comments:

67/1004
Client No.

WET CHEMISTRY
METHOD BLANK SUMMARY

Method Blank

Lab Name: STL Buffalo Contract: _____

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

Lab Sample ID: A5B1916902 Lab File ID: _____

Matrix: (soil/water) WATER Instrument ID (1): _____

Date Analyzed (1): 12/09/2005 Time Analyzed (1): 13:30

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	LCS	A5B1916901	12/09/2005	13:30
2	NM-MWMPI1-W-0-1205	A5D98301	12/09/2005	13:30
3	NM-MWMPI1-W-D-1205	A5D98302	12/09/2005	13:30
4	NM-MWMPI2-W-0-1205	A5D98303	12/09/2005	13:30

Comments: _____

Wet Chemistry Analysis

Client Sample No.: Method Blank

Lab Name: STL Buffalo Contract: _____

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

Matrix (soil/water): WATER Lab Sample ID: A5B1916902

% Solids: 0.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Total Suspended Solids	MG/L	4.0	U			160.2	12/09/2005

Comments:

Batch Quality Control Data

Lab Sample ID: A5D84615 A5D84615MS

Analyte	Units of Measure	Concentration		Spike Amount	% Recovery MS	QC LIMITS
		Sample	Matrix Spike			
WET CHEMISTRY ANALYSIS ALLIED - 130.2 - TOTAL HARDNESS AS CAC	MG/L	0	148.0	160.0	92	74-130

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Lab Sample ID: A5E05811 A5E05811MS

Analyte	Units of Measure	Concentration		Spike Amount	% Recovery MS	QC LIMITS
		Sample	Matrix Spike			
WET CHEMISTRY ANALYSIS METHOD 310.2 - SOLUBLE ALKALINITY	MG/L	31.60	34.60	20.00	15 *	22-128

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Sample Data Package

SDG Narrative

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A5D98311	NM-MW01-W-0-1205	WATER	12/07/2005	08:52	12/08/2005	16:00
A5D98305	NM-MWDEC-W-0-1205	WATER	12/07/2005	12:21	12/08/2005	16:00
A5D98310	NM-MWDOT-W-0-1205	WATER	12/07/2005	16:15	12/08/2005	16:00
A5D98306	NM-MWIOW-W-0-1205	WATER	12/08/2005	09:06	12/08/2005	16:00
A5D98301	NM-MWMPI1-W-0-1205	WATER	12/07/2005	10:00	12/08/2005	16:00
A5D98302	NM-MWMPI1-W-D-1205	WATER	12/07/2005	10:05	12/08/2005	16:00
A5D98303	NM-MWMPI2-W-0-1205	WATER	12/07/2005	10:12	12/08/2005	16:00
A5D98304	NM-MWMPI3-W-0-1205	WATER	12/07/2005	10:25	12/08/2005	16:00
A5D98307	NM-MWMPIO4-W-0-1205	WATER	12/07/2005	12:26	12/08/2005	16:00
A5D98307MS	NM-MWMPIO4-W-0-1205	WATER	12/07/2005	12:26	12/08/2005	16:00
A5D98307SD	NM-MWMPIO4-W-0-1205	WATER	12/07/2005	12:26	12/08/2005	16:00
A5D98309	NM-MWMPIO5-W-0-1205	WATER	12/07/2005	15:16	12/08/2005	16:00
A5D98308	NM-MWMPIO6-W-0-1205	WATER	12/07/2005	14:22	12/08/2005	16:00

METHODS SUMMARY

Job#: A05-D983

STL Project#: NY5A9393.3
Site Name: Ecology and Environment NYSDEC Standby

PARAMETER	ANALYTICAL METHOD
METHOD 8082 - POLYCHLORINATED BIPHENYLS	SW8463 8082
Aluminum - Total	SW8463 6010
Antimony - Total	SW8463 6010
Arsenic - Total	SW8463 6010
Barium - Total	SW8463 6010
Beryllium - Total	SW8463 6010
Cadmium - Total	SW8463 6010
Calcium - Total	SW8463 6010
Chromium - Total	SW8463 6010
Cobalt - Total	SW8463 6010
Copper - Total	SW8463 6010
Iron - Total	SW8463 6010
Lead - Total	SW8463 6010
Magnesium - Total	SW8463 6010
Manganese - Total	SW8463 6010
Mercury - Total	SW8463 7470
Nickel - Total	SW8463 6010
Potassium - Total	SW8463 6010
Selenium - Total	SW8463 6010
Silver - Total	SW8463 6010
Sodium - Total	SW8463 6010
Thallium - Total	SW8463 6010
Vanadium - Total	SW8463 6010
Zinc - Total	SW8463 6010
Total Alkalinity	MCAWW 310.2
Total Dissolved Solids	MCAWW 160.1
Total Hardness	MCAWW 130.2
Total Suspended Solids	MCAWW 160.2

MCAWW "Methods for Chemical Analysis of Water and Wastes",EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/4-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993)

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

NON-CONFORMANCE SUMMARY

Job#: A05-D983

STL Project#: NY5A9393.3
Site Name: Ecology and Environment NYSDEC Standby

General Comments

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

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

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

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

Sample Receipt Comments

A05-D983
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
All samples were received in good condition.

GC Extractable Data

For Method 8082, one or more of the surrogate Tetrachloro-m-xylene and Decachlorbiphenyl recoveries have percent recoveries outside client control limits, but within laboratory limits. No action required.

For method 8082, the recovery and the relative percent difference for sample NM-MWMPI04-W-0-1205 Matrix Spike Duplicate are outside quality control limits for Aroclor 1016, though the Matrix Spike Blank recoveries are compliant, no action necessary.

Metals Data

The analyte Beryllium was detected in the ICB and severla CCB's at a level above the project established reporting limit. The requested reporting limit for Beryllium is below STL's standard reporting limit and, therefore, no corrective action has been taken for any anomalous detections. It must be noted that results reported below STL's standard reporting limit may result in false positive/false negative results, less accurate quantitation and potential misidentification at the lower concentrations.

The recovery of sample NM-MWMPI04-W-0-1205 Matrix Spike and Matrix Spike Duplicate exhibited results below the quality control limits for Calcium and Iron(MSD). The sample result is more than four times greater than the spike added. The LFB is acceptable.

The recovery of sample NM-MWMPIO4-W-0-1205 Post Spike exhibited results below the quality control limits for Calcium. However, the LFB was acceptable.

The ICSA and ICSAB at 20:51 and 20:55, exhibited results below the quality control limits for Thallium. However the samples were re-analyzed, and therefore not effected. No corrective action is necessary.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

****

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

Chain Of Custody Documentation

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
ECology + Environment, INC.	G. Florentino	12/7/05	250239
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page** 1 of 3
368 Pleasantview Dr.	716-684-8060		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Lancaster / NY / 14086	J. Nickerson	T. Boggin	
Project Name and Location (State)	**Carrier/Waybill Number**		
000699, NY22			
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: PCB	TAL Metals + Mercury	Hardness	TSS	TDS	Alkalinity	Special Instructions/ Conditions of Receipt
NM-MW MPI1-W-0-1205	12/7/05	10:00		X			4		1				X	X	X	X	X	X	
NM-MW MPI1-W-D-1205	12/7/05	10:05		X			4		1				X	X	X	X	X		
NM-MW MPI2-W-0-1205	12/7/05	1012		X			4		1				X	X	X	X	X	X	
NM-MW MPI3-W-0-1205	12/7/05	1025		X									X	X					
NM-MW DEC-W-0-1205	12/7/05	1221		X			2		1				X	X					
NM-MW IDW-W-0-1205	12/8/05	0906		X			2		1				X	X					

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal

☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☒ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time
1. Relinquished By	12/8/05	15:58
2. Relinquished By		
3. Relinquished By		

	Date	Time
1. Received By	12/8/05	1600
2. Received By		
3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

79/1004

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
ECOLOGY & ENVIRONMENT INC.	T. FIORENTINO	12/7/05	250239
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page** 1 of 3
368 PLEASANT VIEW DR	716-684-8060		
City / **State** / **Zip Code**	**Site Contact** / **Lab Contact**		
LANCASTER / NY / 14086	T. NIEMAN / T. BOGOLIN		
Project Name and Location (State)	**Carrier/Waybill Number**		
OM699.NV22			
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis (Attach list if more space is needed): PCB	TAL Metals + Mercury	Hardness	TSS	TDS	Alkalinity	Special Instructions/ Conditions of Receipt
NM-MW MPI-1-W-0-1205	12/7/05	10:00		X			4		1				X	X	X	X	X	X	
NM-MW MPI-1-W-D-1205	12/7/05	10:05		X			4		1				X	X	X	X	X	X	
NM-MW MPI-2-W-0-1205	12/7/05	1012		X			4		1				X	X	X	X	X	X	
NM-MW MPI-3-W-0-1205	12/7/05	1025		X			2		1				X	X					
NM-MW DEC-W-0-1205	12/7/05	1221		X			2		1				X	X					
NM-MW10W-W-0-1205	12/8/05	0906		X			8		1				X	X					

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal

☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☒ 21 Days ☐ Other _____

QC Requirements (Specify)

	Relinquished By	Date	Time	Received By	Date	Time
1.		12/8/05	15:58		12/8/05	1600
2.						
3.						

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

80/1004

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
Ecology + Environment, Inc.	Gene Florentino	12/7/05	250236
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page** 2 of 3
368 Pleasant View Drive	716/684-8060		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Lancaster / NY / 14086	Jon Nickerson	T. Bogoin	
Project Name and Location (State)	**Carrier/Waybill Number**		
New Morein Moein W.Y.	Delivered By Client		
Contract/Purchase Order/Quote No.			
000699. NV22			

| Sample I.D. No. and Description (Containers for each sample may be combined on one line) | Date | Time | Matrix: Air | Aqueous | Sed. | Soil | Containers & Preservatives: Unpres. | H2SO4 | HNO3 | HCl | NaOH | ZnAc/NaOH | Analysis: TCL PCB | TAL Metals + Mercury | | |

STL Buffalo

Rev 3
10/17/2005

SAMPLE LOGIN JOB # D983

Shipment ID_____ **Strict Internal COC:** YES / NO

Residual Chlorine Check: ☐

Radiation Check <0.02 mR/hr: YES / NO

AC _____ **Project / Task** MSA9393.3 / 6

TAT_____BD/21 CD # OF SAMPLES 11 TRIP BLANK Y/N # ____

SHIPPED BY WALK IN	**ATTACH SHIPPING TAGS**
RECEIVED DATE / TIME:	12/08/05 16:00

COOLER TEMP 2.0 °C (4 +/- 2 °C) OK NO

Cooler Custody Seal intact? YES/NO NONE SEAL # _____

If NO to cooler temp or seal, PM notified? YES_____ (PM Name)

SUBCONTRACT YES/NO **LAB**_____ **SM #** _____

COMMENTS: SAMPLE TIME ACTUAL +1HR +2 HR +3 HR NONE

Sample received outside hold time_____

Headspace in VOA vials_____

Problems with bottle labels_____

OTHER SAMPLE RECEIPT COMMENTS (Fill out ARRF, see reverse)

_____

_____

ARE SAMPLE DATES AND TIMES CORRECT? **Initials** T.J.

WERE ALL THE APPROPRIATE TESTS ASSIGNED? **Initials** T.J.

Temp.Cert.Loss: Alkalinity by 310.2 (New York State-Drinking Water Only)

Job No: A05-D983
Client: Ecology & Environment, Inc.
Project: NY5A9393.3
SDG:
Case:
SMO No:
No. Samps: 11

Radiation Check: YES
Custody Seal: YES
Chain of Custody: YES
Sample Tags: NO
Sample Tag Numbers: NO
SMO Forms: NO
CLSIS: NO

Cooler Temperature: 2.0°C

Sample	Receive	Client Sample ID	Lab ID	Condition	Bottles	Parameters	Lab	Pres log Code	Pres log PH
12/07/2005 10:00	12/08/2005 16:00	NM-MWMPI1-W-0-1205	A5D98301	Good	2-1lGA	PCBS	RECNY	0100	
					1-1lP	ALKALINITY	RECNY	0100	
					1-16ozP	TAL METALS,MERCURY,THARD	RECNY	0101	<2
					1-16ozGW	TSS,TDS	RECNY	0100	
12/07/2005 10:05	12/08/2005 16:00	NM-MWMPI1-W-D-1205	A5D98302	Good	2-1lGA	PCBS	RECNY	0100	
					1-1lP	ALKALINITY	RECNY	0100	
					1-16ozP	TAL METALS,MERCURY,THARD	RECNY	0101	<2
					1-16ozGW	TSS,TDS	RECNY	0100	
12/07/2005 10:12	12/08/2005 16:00	NM-MWMPI2-W-0-1205	A5D98303	Good	2-1lGA	PCBS	RECNY	0100	
					1-1lP	ALKALINITY	RECNY	0100	
					1-16ozP	TAL METALS,MERCURY,THARD	RECNY	0101	<2
					1-16ozGW	TSS,TDS	RECNY	0100	
12/07/2005 10:25	12/08/2005 16:00	NM-MWMPI3-W-0-1205	A5D98304	Good	2-1lGA	PCBS	RECNY	0100	
					1-16ozP	TAL METALS,MERCURY	RECNY	0001	<2
12/07/2005 12:21	12/08/2005 16:00	NM-MWDEC-W-0-1205	A5D98305	Good	2-1lGA	PCBS	RECNY	0100	
					1-16ozP	TAL METALS,MERCURY	RECNY	0001	<2
12/08/2005 09:06	12/08/2005 16:00	NM-MWIOW-W-0-1205	A5D98306	Good	2-1lGA	PCBS	RECNY	0100	
					1-16ozP	TAL METALS,MERCURY	RECNY	0001	<2
12/07/2005 12:26	12/08/2005 16:00	NM-MWIO4-W-0-1205	A5D98307	Good	2-1lGA	PCBS	RECNY	0100	
					1-16ozP	TAL METALS,MERCURY	RECNY	0001	<2
12/07/2005 12:26	12/08/2005 16:00	NM-MWIO4-W-0-1205	A5D98307MS	Good	2-1lGA	PCBS	RECNY	0100	
					1-16ozP	TAL METALS,MERCURY	RECNY	0001	<2
12/07/2005 12:26	12/08/2005 16:00	NM-MWIO4-W-0-1205	A5D98307SD	Good	2-1lGA	PCBS	RECNY	0100	
					1-16ozP	TAL METALS,MERCURY	RECNY	0001	<2
12/07/2005 14:22	12/08/2005 16:00	NM-MWIO6-W-0-1205	A5D98308	Good	2-1lGA	PCBS	RECNY	0100	
					1-16ozP	TAL METALS,MERCURY	RECNY	0001	<2
12/07/2005 15:16	12/08/2005 16:00	NM-MWIO5-W-0-1205	A5D98309	Good	2-1lGA	PCBS	RECNY	0100	
					1-16ozP	TAL METALS,MERCURY	RECNY	0001	<2
12/07/2005 16:15	12/08/2005 16:00	NM-MWDOT-W-0-1205	A5D98310	Good	2-1lGA	PCBS	RECNY	0100	
					1-16ozP	TAL METALS,MERCURY	RECNY	0001	<2
12/07/2005 08:52	12/08/2005 16:00	NM-MW01-W-0-1205	A5D98311	Good	2-1lGA	PCBS	RECNY	0100	
					1-16ozP	TAL METALS,MERCURY	RECNY	0001	<2

Sample Custodian: Teresa Jop 12/08/2005

Analytical Services Coordinator: _____ / /20

83/1004

Preservation Code References:

First Digit: Sample Filtration; 1=Filtered, 0=Unfiltered
Second Digit: Sample Requires Cooling; (4°) 1=Cooled, 0=Not Cooled

Third, Fourth Digits - Preservation Types:
00=Nothing added, 01=HNO3, 02=H2SO4, 03=HCl, 04=Sodium Thiosulfate
05=NaOH, 06=NaOH+Zinc Acetate, 07=Sodium Thiosulfate+HCl, 08=MeOH
09=MCAA (Mono chloroacetic acid)

8082 Data

QC Summary

METHOD 8082 - POLYCHLORINATED BIPHENYLS
WATER SURROGATE RECOVERY

Lab Name: STL Buffalo Contract: _____

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

GC Column(1): ZB-5 ID: 0.53 (mm)

	Client Sample ID	Lab Sample ID	DCBP %REC	#	TCMX %REC	#							TOT OUT
1	Matrix Spike Blank	A5B1914301	50	*	70								1
2	Method Blank	A5B1914302	42	*	82								1
3	NM-MW01-W-0-1205	A5D98311	32	*	44	*							2
4	NM-MWDEC-W-0-1205	A5D98305	50	*	78								1
5	NM-MWDOT-W-0-1205	A5D98310	70		84								0
6	NM-MWIOW-W-0-1205	A5D98306	54	*	80								1
7	NM-MWMPI1-W-0-1205	A5D98301	56	*	84								1
8	NM-MWMPI1-W-D-1205	A5D98302	55	*	89								1
9	NM-MWMPI2-W-0-1205	A5D98303	50	*	85								1
10	NM-MWMPI3-W-0-1205	A5D98304	68	*	82								1
11	NM-MWMPIO4-W-0-1205	A5D98307	67	*	84								1
12	NM-MWMPIO4-W-0-1205	A5D98307MS	65	*	77								1
13	NM-MWMPIO4-W-0-1205	A5D98307SD	68	*	136	*							2
14	NM-MWMPIO5-W-0-1205	A5D98309	65	*	88								1
15	NM-MWMPIO6-W-0-1205	A5D98308	79		89								0

QC LIMITS

(DCBP) = Decachlorobiphenyl (70-130)
(TCMX) = Tetrachloro-m-xylene (70-130)

\# Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

METHOD 8082 - POLYCHLORINATED BIPHENYLS
WATER MATRIX SPIKE BLANK RECOVERY

87/1004

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A5B1914302

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

Matrix Spike - Client Sample No.: Method Blank

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC	#	QC LIMITS REC.	+ =
Aroclor 1260	5.00	4.11	82		50 - 122	
Aroclor 1016	5.00	4.65	93		29 - 123	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 2 outside limits

Comments: _____

_____

METHOD 8082 - POLYCHLORINATED BIPHENYLS
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

88/1004

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A5D98307

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

Matrix Spike - Client Sample No.: NM-MWMPIO4-W-0-1205

COMPOUND	SPIKE ADDED UG/L	SAMPLE CONCENTRATION UG/L	MS CONCENTRATION UG/L	MS % REC #	QC LIMITS REC.	+ =
Aroclor 1260	4.76	0	3.95	83	50 - 122	
Aroclor 1016	4.76	0.874	5.59	99	29 - 123	

COMPOUND	SPIKE ADDED UG/L	MSD CONCENTRATION UG/L	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	+ =
Aroclor 1260	4.76	4.40	92	10	30	50 - 122	
Aroclor 1016	4.76	8.23	155 *	44 *	30	29 - 123	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 1 out of 2 outside limits
Spike recovery: 1 out of 4 outside limits

Comments: _____

METHOD 8082 - POLYCHLORINATED BIPHENYLS
METHOD BLANK SUMMARY

89/1004
Client No.

Method Blank

Lab Name: STL Buffalo Contract: _____

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

Lab Sample ID: A5B1914302 Lab File ID: 19B39169.TX0

Matrix: (soil/water) WATER Extraction: SEPF

Sulfur Cleanup: (Y/N): N Date Extracted: 12/09/2005

Date Analyzed (1): 12/13/2005 Date Analyzed (2): _____

Time Analyzed (1): 21:34 Time Analyzed (2): _____

Instrument ID (1): HP5890-19 Instrument ID (2): _____

GC Column (1): ZB-5 Dia: 0.53(mm) GC Column (2): _____ Dia: ____(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

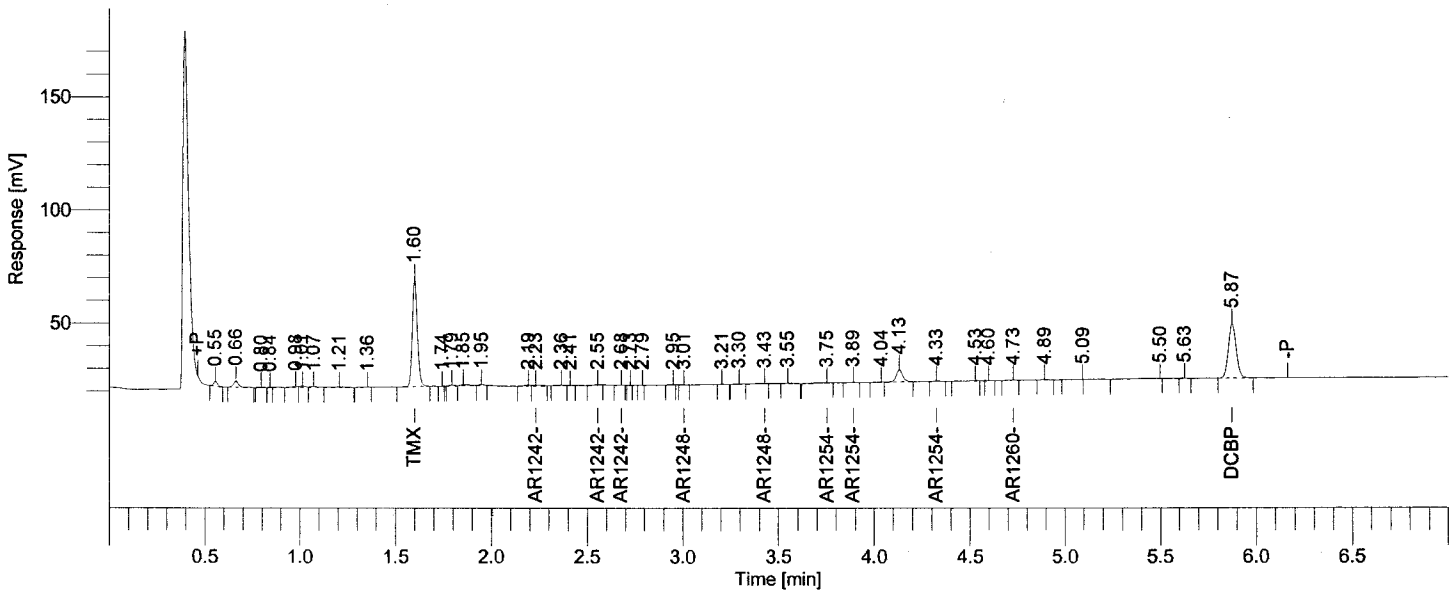
	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
1	Matrix Spike Blank	A5B1914301	12/13/2005	
2	NM-MW01-W-0-1205	A5D98311	12/14/2005	
3	NM-MWDEC-W-0-1205	A5D98305	12/13/2005	
4	NM-MWDOT-W-0-1205	A5D98310	12/14/2005	
5	NM-MWIOW-W-0-1205	A5D98306	12/13/2005	
6	NM-MWMPI1-W-0-1205	A5D98301	12/13/2005	
7	NM-MWMPI1-W-D-1205	A5D98302	12/13/2005	
8	NM-MWMPI2-W-0-1205	A5D98303	12/13/2005	
9	NM-MWMPI3-W-0-1205	A5D98304	12/13/2005	
10	NM-MWMPIO4-W-0-1205	A5D98307	12/14/2005	
11	NM-MWMPIO4-W-0-1205	A5D98307MS	12/14/2005	
12	NM-MWMPIO4-W-0-1205	A5D98307SD	12/14/2005	
13	NM-MWMPIO5-W-0-1205	A5D98309	12/14/2005	
14	NM-MWMPIO6-W-0-1205	A5D98308	12/14/2005	

Comments: _____

Sample Data

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:17:40
Reprocess Number	: buf2042: 85643		
Operator	: tchrom	Sample Name	: AW50029485
Sample Number	: A5D98311	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 02:40:04	Cycle	: 25

Raw Data File : H:\TURBO6\5890-19\19B39186.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39186.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39186.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39186.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(11-30-05).mth from H:\TURBO6\5890-19\19B39186.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc	AVG NG CONC (5pts)	# PEAKS USED
10	1.60	BB	86235	TMX	0.0087	-------	0
41	5.87	BB	67752	DCBP	0.0063	-------	0
			153987			0.0000	

12/14/05

12/14/2005 07:17:40 Result: H:\TURBO6\5890-19\19B39186.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
16	2.23	VV	1342	AR1242-A	0.0040	0.0013	3
19	2.55	BB	411	AR1242-B	7.2e-04	2.4e-04	3
20	2.68	BB	87	AR1242-C	3.4e-04	1.1e-04	3
			1841			0.0017	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
24	3.01	BB	103	AR1248-A	2.5e-04	8.4e-05	3
-	3.10		0	AR1248-B	0.0000	-------	-
27	3.43	VB	346	AR1248-C	9.9e-04	3.3e-04	3
			449			4.1e-04	

12/14/05

Group Report For : AR1254

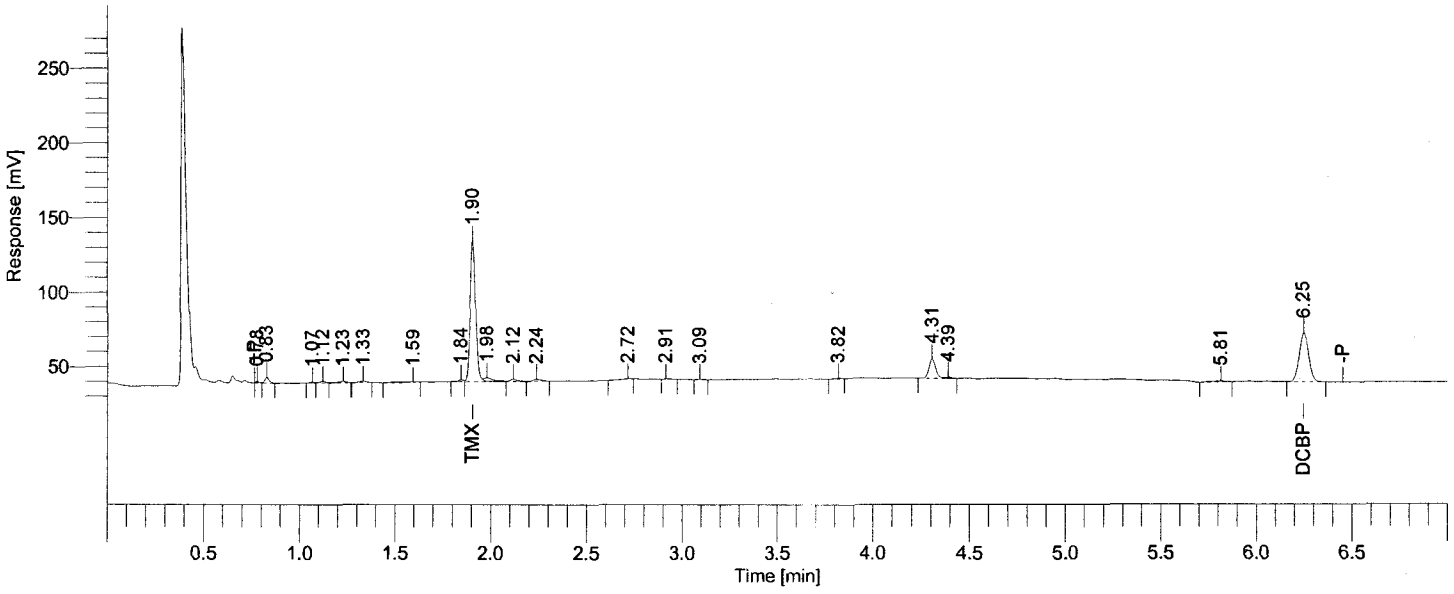
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
29	3.75	BB	1117	AR1254-A	0.0016	5.4e-04	3
30	3.89	BB	260	AR1254-B	4.0e-04	1.3e-04	3
33	4.33	BB	501	AR1254-C	9.3e-04	3.1e-04	3
			1878			9.8e-04	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
36	4.73	BB	227	AR1260-A	-0.0276	-9e-03	3
-	5.01		0	AR1260-B	0.0000	-------	-
-	5.38		0	AR1260-C	0.0000	-------	-
			227			-9e-03	

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:17:37
Reprocess Number	: buf2042: 85642		
Operator	: tchrom	Sample Name	: AW50029485
Sample Number	: A5D98311	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 02:40:04	Cycle	: 25

Raw Data File : H:\TURBO6\5890-19\19A39186.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39186.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39186.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39186.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(11-30-05).mth from H:\TURBO6\5890-19\19A39186.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
9	1.90	VE	181731	TMX	0.0083	-------	0
20	6.25	BB	113920	DCBP	0.0067	-------	0
			295651			0.0000	

12/14/05

12/14/2005 07:17:37 Result: H:\TURBO6\5890-19\19A39186.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.45		0	AR1242-A	0.0000	-------	-
-	2.58		0	AR1242-B	0.0000	-------	-
-	2.77		0	AR1242-C	0.0000	-------	-
			0			0.0000	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.18		0	AR1248-A	0.0000	-------	-
-	3.27		0	AR1248-B	0.0000	-------	-
-	3.34		0	AR1248-C	0.0000	-------	-
			0			0.0000	

12/14/05

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.94		0	AR1254-A	0.0000	-------	-
-	4.12		0	AR1254-B	0.0000	-------	-
-	4.50		0	AR1254-C	0.0000	-------	-
			0			0.0000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.98		0	AR1260-A	0.0000	-------	-
-	5.20		0	AR1260-B	0.0000	-------	-
-	5.65		0	AR1260-C	0.0000	-------	-
			0			0.0000	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

95/1004

Client No.

NM-MWDEC-W-0-1205

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5D98305

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 19B39176.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 12/07/2005 12/08/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 12/09/2005

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/13/2005

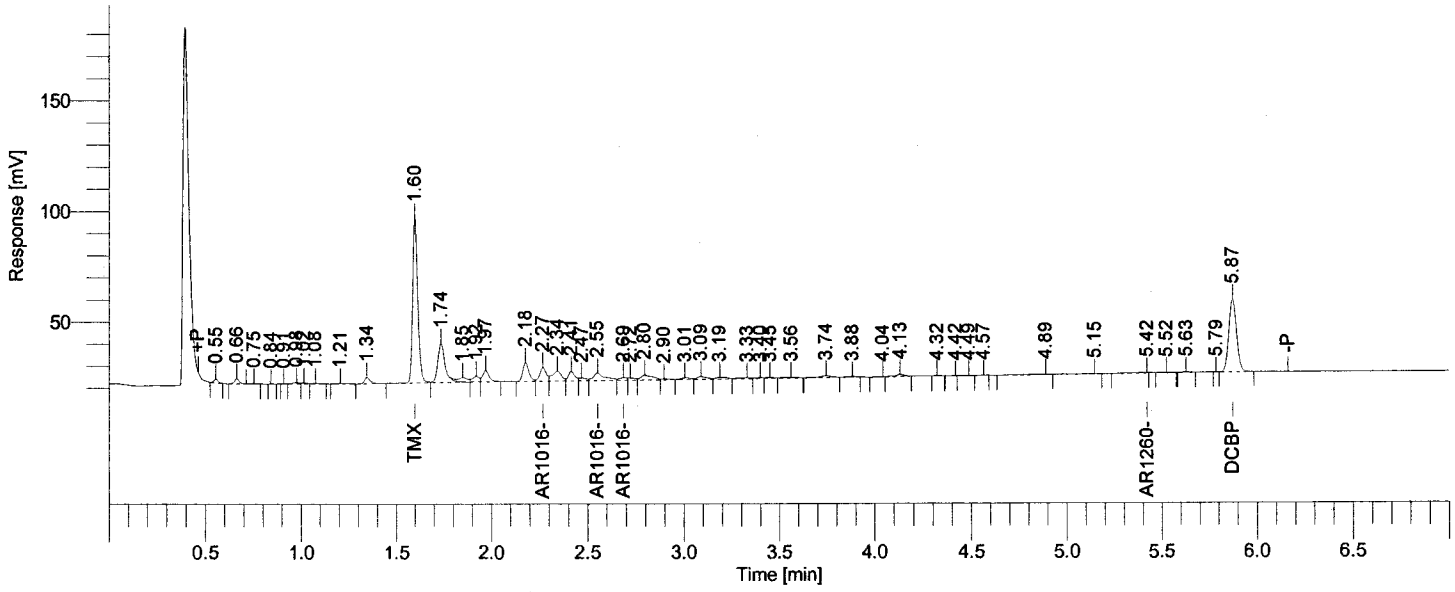
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.56	
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 11:03:17
Reprocess Number	: buf2042: 85693		
Operator	: tchrom	Sample Name	: AW50029477
Sample Number	: A5D98305	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/13/2005 23:40:02	Cycle	: 3

Raw Data File : H:\TURBO6\5890-19\19B39176.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39176.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39176.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39176.rst
Calib Method : h:\turbo6\5890-19\sb66(11-30-05).mth from H:\TURBO6\5890-19\19B39176.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
11	1.60	VV	138857	TMX	0.0155	-------	0
	2.27		31766	AR1016	-6e-03	-2e-03	3
47	5.87	VB	93754	DCBP	0.0100	-------	0
			264376			-2e-03	

12/14/05

12/14/2005 11:03:17 Result: H:\TURBO6\5890-19\19B39176.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
17	2.27	VV	14353	AR1016-A	0.0076	0.0025	3
21	2.55	VV	14215	AR1016-B	-0.0108	-4e-03	3
22	2.69	VV	3199	AR1016-C	-0.0135	-5e-03	3
			31766			-6e-03	

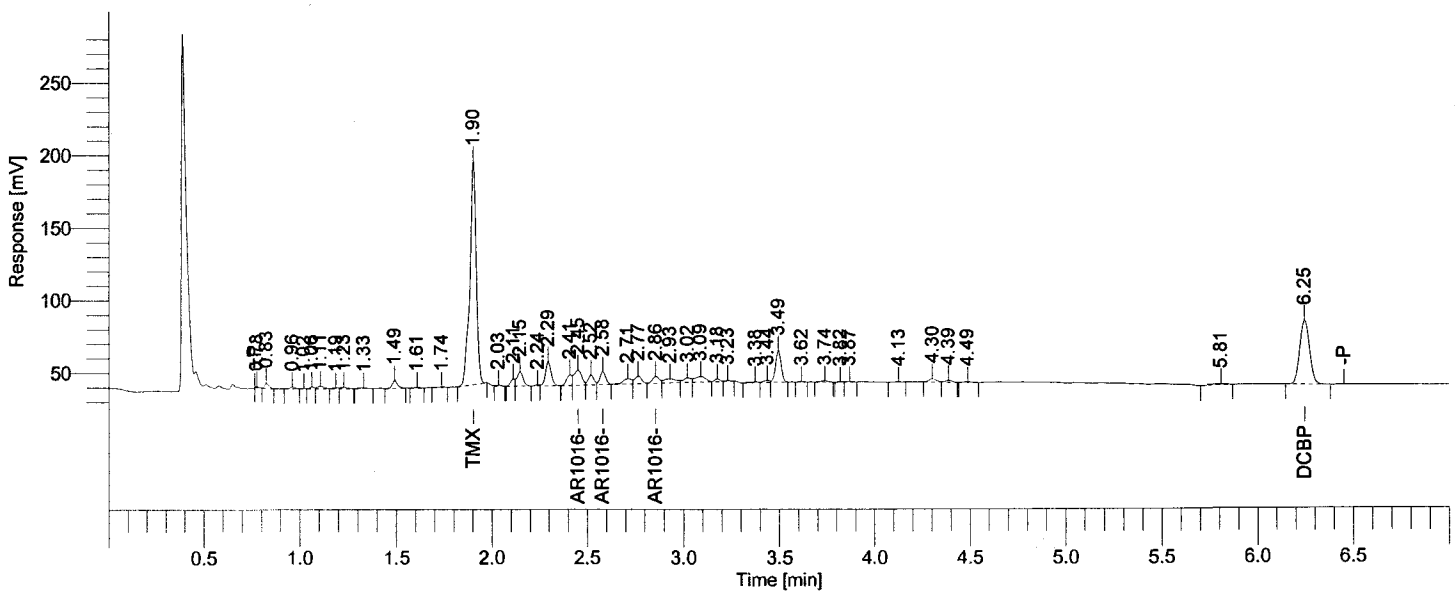
BAC 12/14/05

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.70		0	AR1260-A	0.0000	-------	-
-	5.01		0	AR1260-B	0.0000	-------	-
43	5.42	VV	1987	AR1260-C	-7e-03	-2e-03	3
			1987			-2e-03	

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 11:03:14
Reprocess Number	: buf2042: 85692		
Operator	: tchrom	Sample Name	: AW50029477
Sample Number	: A5D98305	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/13/2005 23:40:02	Cycle	: 3

Raw Data File : H:\TURBO6\5890-19\19A39176.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39176.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39176.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39176.rst
Calib Method : h:\turbo6\5890-19\sa66(11-30-05).mth from H:\TURBO6\5890-19\19A39176.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
13	1.90	BB	351907	TMX	0.0188	-------	0
	2.45		58610	AR1016	0.0051	0.0017	3
43	6.25	BB	154236	DCBP	0.0102	-------	0
			564754			0.0017	

12/14/05

12/14/2005 11:03:14 Result: H:\TURBO6\5890-19\19A39176.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
20	2.45	VV	28693	AR1016-A	0.0039	0.0013	3
22	2.58	VV	18194	AR1016-B	0.0137	0.0046	3
25	2.86	VV	11723	AR1016-C	-5e-04	-2e-04	3
			58610			0.0057	

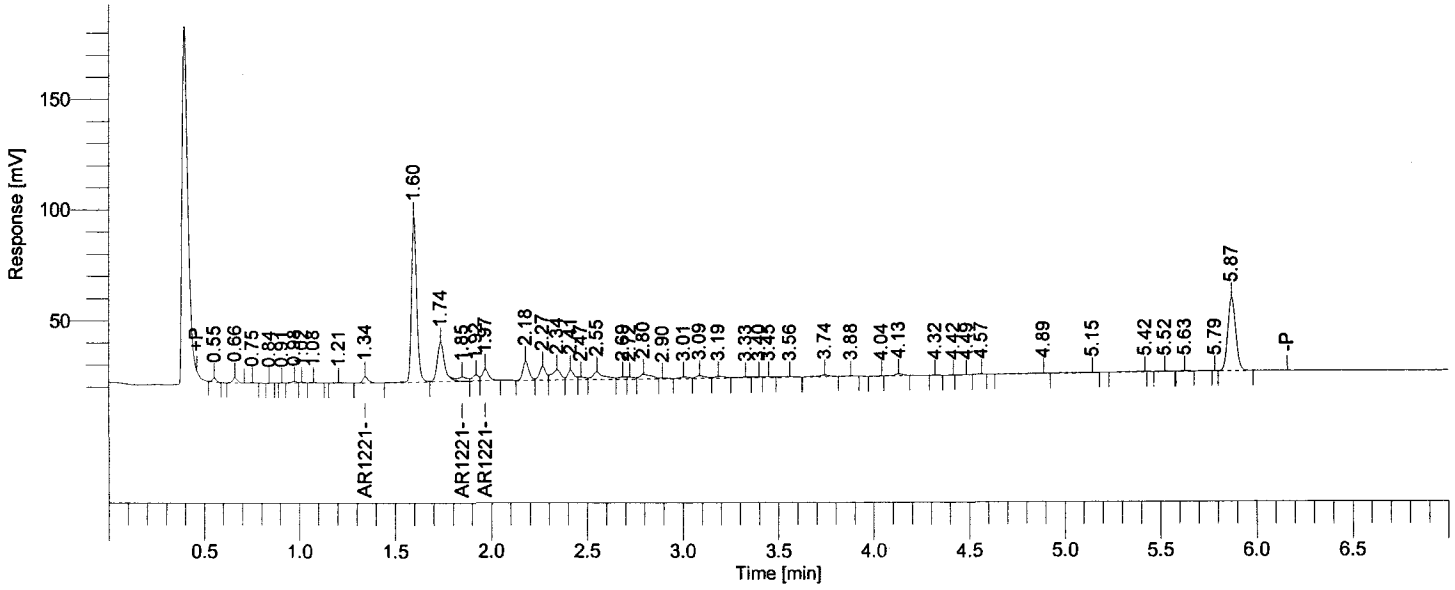
BKC 12/14/05 CMD

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.98		0	AR1260-A	0.0000	-------	-
-	5.20		0	AR1260-B	0.0000	-------	-
-	5.65		0	AR1260-C	0.0000	-------	-
			0			0.0000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 11:09:09
Reprocess Number	: buf2042: 85707		
Operator	: tchrom	Sample Name	: AW50029477
Sample Number	: A5D98305	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/13/2005 23:40:02	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19B39176.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39176-20051214-110909.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39176.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39176-20051214-110909.rst
Calib Method : h:\turbo6\5890-19\sb21(11-30-05).mth from H:\TURBO6\5890-19\19B39176-20051214-110909.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	1.97		24984	AR1221	0.0544	0.0181	3
			24984			0.0181	

12/14/05

12/14/2005 11:09:09 Result: H:\TURBO6\5890-19\19B39176-20051214-110909.rst

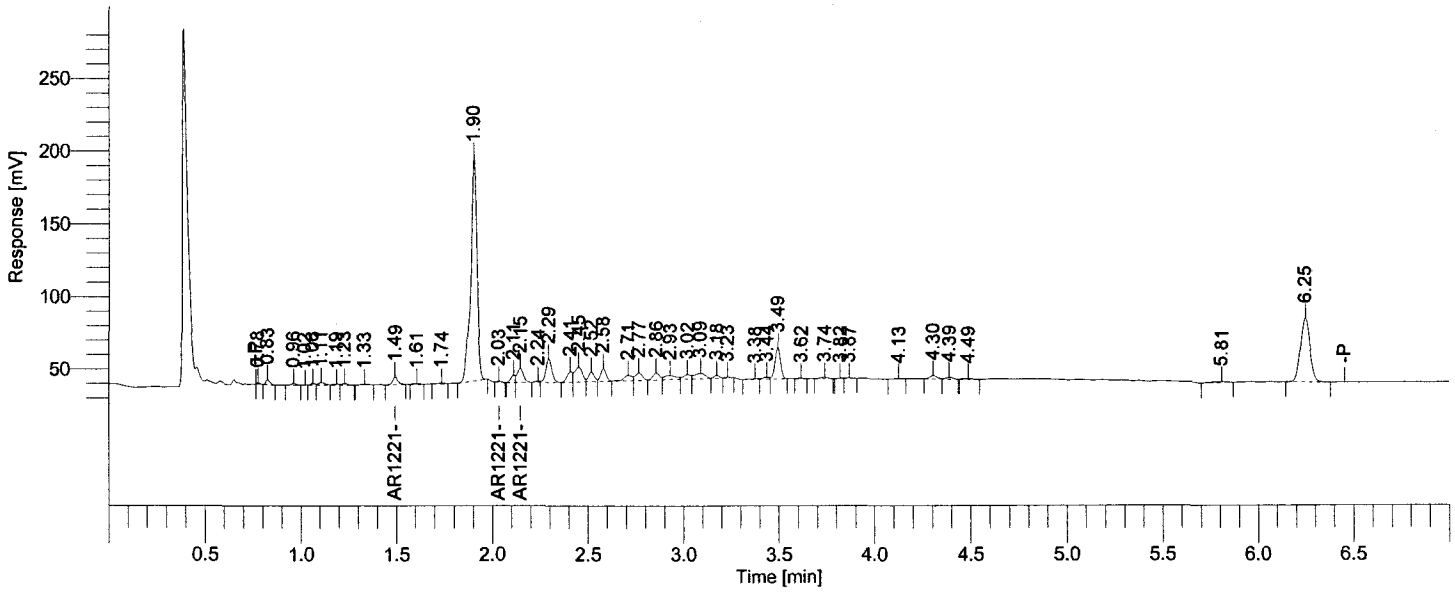
Group Report For : AR1221

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
10	1.34	BV	5860	AR1221-A	0.0620	0.0207	3
13	1.85	EV	7401	AR1221-B	0.0674	0.0225	3
15	1.97	VB	11723	AR1221-C	0.0460	0.0153	3
			24984			0.0585	

12/14/05

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 11:09:07
Reprocess Number	: buf2042: 85706		
Operator	: tchrom	Sample Name	: AW50029477
Sample Number	: A5D98305	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/13/2005 23:40:02	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19A39176.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39176-20051214-110907.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39176.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39176-20051214-110907.rst
Calib Method : h:\turbo6\5890-19\sa21(11-30-05).mth from H:\TURBO6\5890-19\19A39176-20051214-110907.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	2.15		32360	AR1221	0.0364	0.0121	3
			32360			0.0121	

12/14/05

12/14/2005 11:09:07 Result: H:\TURBO6\5890-19\19A39176-20051214-110907.rst

Group Report For : AR1221

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
10	1.49	BB	10072	AR1221-A	0.0587	0.0196	3
14	2.03	BB	970	AR1221-B	0.0044	0.0015	3
16	2.15	VV	21317	AR1221-C	0.0427	0.0142	3
			32360			0.0353	

12/14/05
GD

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

104/1004

Client No.

NM-MWDOT-W-0-1205

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5D98310

Sample wt/vol: 1040.00 (g/mL) ML Lab File ID: 19B39183.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 12/07/2005 12/08/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 12/09/2005

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/14/2005

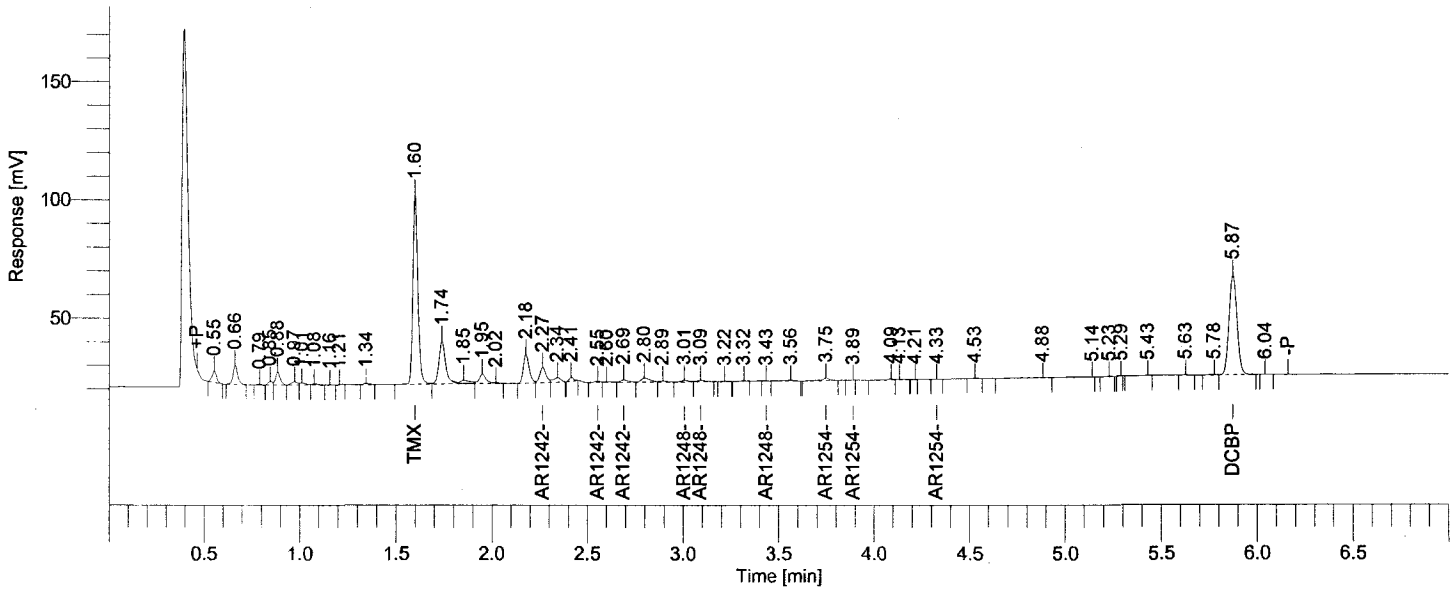
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:17:22
Reprocess Number	: buf2042: 85637		
Operator	: tchrom	Sample Name	: AW50029484
Sample Number	: A5D98310	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 01:46:06	Cycle	: 22

Raw Data File : H:\TURBO6\5890-19\19B39183.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39183.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39183.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39183.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(11-30-05).mth from H:\TURBO6\5890-19\19B39183.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
12	1.60	BV	148295	TMX	0.0168	-------	0
	2.27		18681	~~AR1242~~	0.0162	0.0054	3
46	5.87	VB	121437	DCBP	0.0140	-------	0
			288413			0.0054	

12/14/05

12/14/2005 07:17:22 Result: H:\TURBO6\5890-19\19B39183.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
18	2.27	VV	14529	AR1242-A	0.0437	0.0146	3
21	2.55	BV	1204	AR1242-B	0.0021	7.0e-04	3
23	2.69	VV	2948	AR1242-C	0.0117	0.0039	3
			18681			0.0192	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
26	3.01	VV	2163	AR1248-A	0.0053	0.0018	3
27	3.09	VV	2360	AR1248-B	0.0068	0.0023	3
30	3.43	BV	170	AR1248-C	4.9e-04	1.6e-04	3
			4693			0.0042	

12/14/05

Group Report For : AR1254

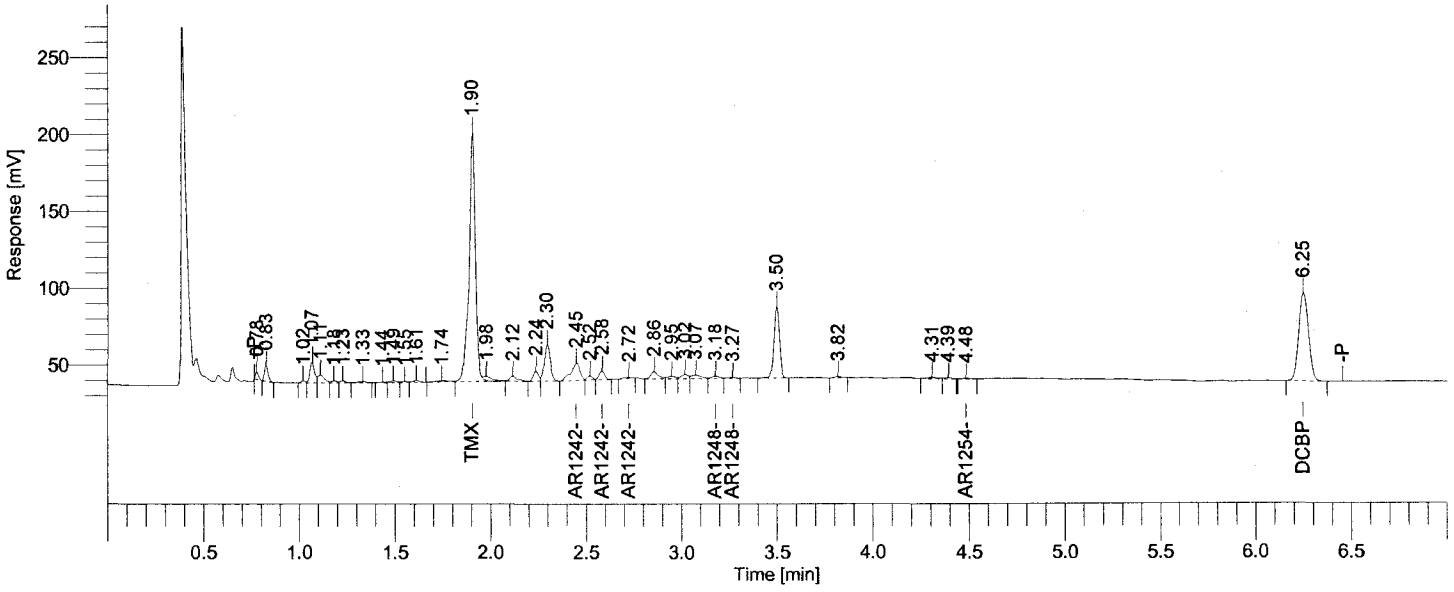
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
32	3.75	BB	3349	AR1254-A	0.0049	0.0016	3
33	3.89	BB	74	AR1254-B	1.1e-04	3.8e-05	3
37	4.33	BB	175	AR1254-C	3.2e-04	1.1e-04	3
			3598			0.0018	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.70		0	AR1260-A	0.0000	-------	-
-	5.01		0	AR1260-B	0.0000	-------	-
-	5.38		0	AR1260-C	0.0000	-------	-
			0			0.0000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:17:19
Reprocess Number	: buf2042: 85636		
Operator	: tchrom	Sample Name	: AW50029484
Sample Number	: A5D98310	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 01:46:06	Cycle	: 22

Raw Data File : H:\TURBO6\5890-19\19A39183.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39183.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39183.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39183.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(11-30-05).mth from H:\TURBO6\5890-19\19A39183.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
14	1.90	VE	380088	TMX	0.0205	-------	0
	2.45		49573	~~AR1242~~	0.0216	0.0072	3
	3.18		6455	~~AR1248~~	0.0037	0.0012	3
34	6.25	BB	200547	DCBP	0.0143	-------	0
			636663			0.0084	

12/14/05

12/14/2005 07:17:19 Result: H:\TURBO6\5890-19\19A39183.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
19	2.45	BV	36274	AR1242-A	0.0525	0.0175	3
21	2.58	VB	11470	AR1242-B	0.0274	0.0091	3
22	2.72	BB	1829	AR1242-C	0.0015	5.1e-04	3
			49573			0.0271	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
27	3.18	VV	4577	AR1248-A	0.0053	0.0018	3
28	3.27	VB	1879	AR1248-B	0.0028	9.2e-04	3
-	3.34		0	AR1248-C	0.0000	-------	-
			6455			0.0027	

12/14/05

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.94		0	AR1254-A	0.0000	-------	-
-	4.12		0	AR1254-B	0.0000	-------	-
33	4.48	BB	1494	AR1254-C	0.0013	4.3e-04	3
			1494			4.3e-04	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.98		0	AR1260-A	0.0000	-------	-
-	5.20		0	AR1260-B	0.0000	-------	-
-	5.65		0	AR1260-C	0.0000	-------	-
			0			0.0000	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

109/1004

Client No.

NM-MW01-W-0-1205

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5D98311

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 19B39186.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 12/07/2005 12/08/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 12/09/2005

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/14/2005

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

110/1004

Client No.

NM-MWIOW-W-0-1205

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5D98306

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 19B39177.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 12/08/2005 12/08/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 12/09/2005

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/13/2005

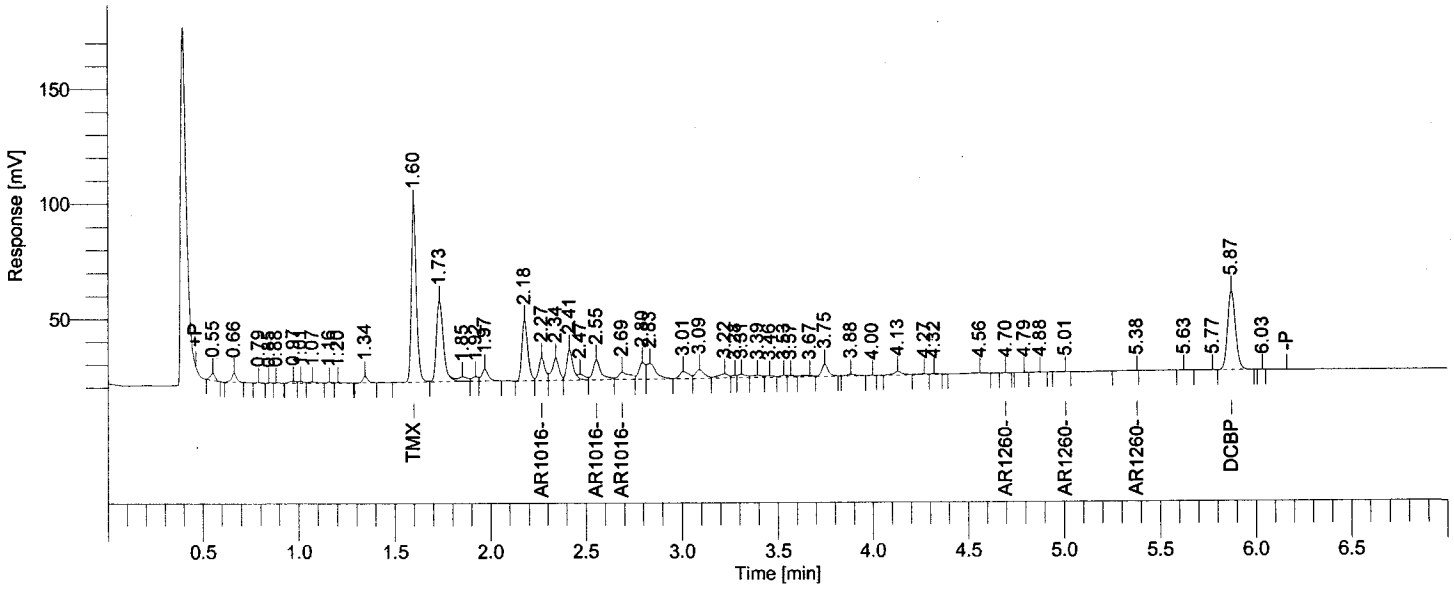
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 11:03:22
Reprocess Number	: buf2042: 85695		
Operator	: tchrom	Sample Name	: AW50029478
Sample Number	: A5D98306	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/13/2005 23:57:59	Cycle	: 4

Raw Data File : H:\TURBO6\5890-19\19B39177.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39177.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39177.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39177.rst
Calib Method : h:\turbo6\5890-19\sb66(11-30-05).mth from H:\TURBO6\5890-19\19B39177.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
12	1.60	BV	141624	TMX	0.0159	-------	0
	2.27		61209	AR1016	0.0161	0.0054	3
50	5.87	VB	98712	DCBP	0.0107	-------	0
			301544			0.0054	

12/14/05

12/14/2005 11:03:22 Result: H:\TURBO6\5890-19\19B39177.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
18	2.27	VV	23125	AR1016-A	0.0309	0.0103	3
22	2.55	VV	24961	AR1016-B	0.0057	0.0019	3
23	2.69	VV	13123	AR1016-C	0.0202	0.0067	3
			61209			0.0190	

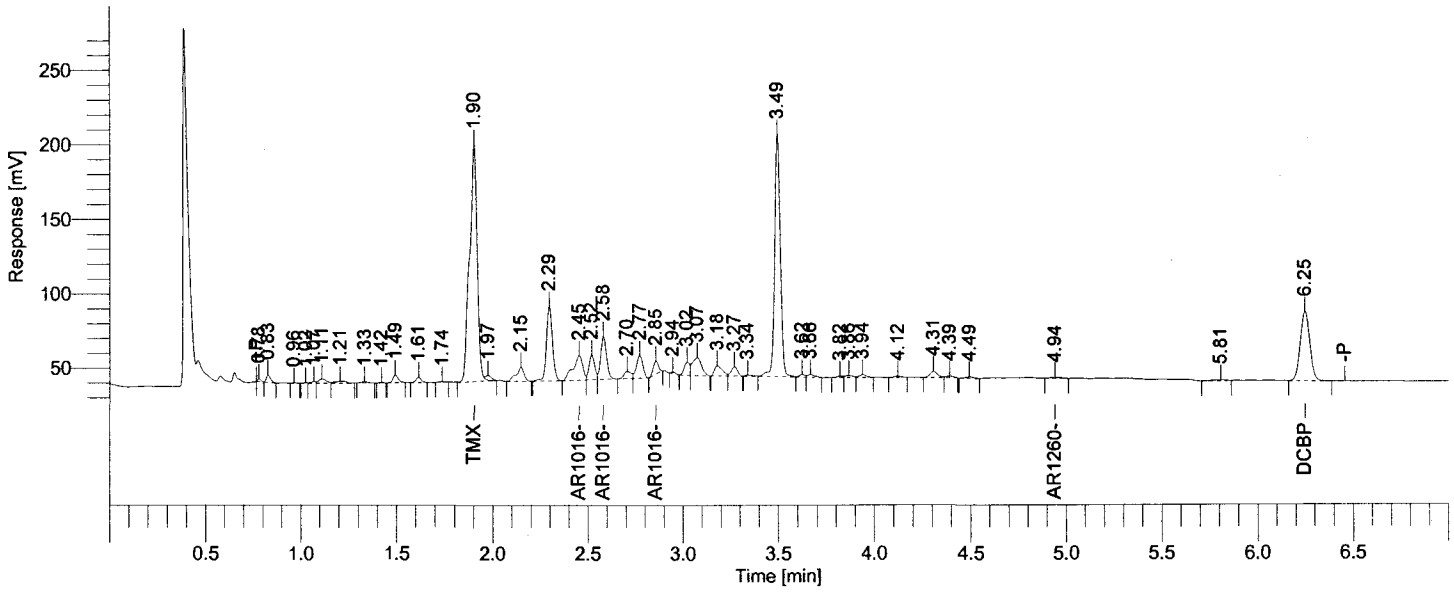
BAC 12/14/05

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
43	4.70	BV	357	AR1260-A	-0.0274	-9e-03	3
46	5.01	VB	302	AR1260-B	-0.0275	-9e-03	3
47	5.38	BB	172	AR1260-C	-0.0165	-5e-03	3
			832			-0.0238	

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 11:03:19
Reprocess Number	: buf2042: 85694		
Operator	: tchrom	Sample Name	: AW50029478
Sample Number	: A5D98306	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/13/2005 23:57:59	Cycle	: 4

Raw Data File : H:\TURBO6\5890-19\19A39177.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39177.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39177.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39177.rst
Calib Method : h:\turbo6\5890-19\sa66(11-30-05).mth from H:\TURBO6\5890-19\19A39177.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
13	1.90	BE	435399	TMX	0.0239	-------	0
	2.58		137711	AR1016	0.0479	0.0160	3
41	6.25	BB	163382	DCBP	0.0110	-------	0
			736492			0.0160	

12/14/05

12/14/2005 11:03:19 Result: H:\TURBO6\5890-19\19A39177.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
17	2.45	BV	58381	AR1016-A	0.0421	0.0140	3
19	2.58	VV	62014	AR1016-B	0.1044	0.0348	3
22	2.85	BB	17316	AR1016-C	0.0090	0.0030	3
			137711			0.0518	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
39	4.94	BB	2527	AR1260-A	-0.0154	-5e-03	3
-	5.20		0	AR1260-B	0.0000	-------	-
-	5.65		0	AR1260-C	0.0000	-------	-
			2527			-5e-03	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

115/1004

Client No.

NM-MWMPI1-W-0-1205

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5D98301

Sample wt/vol: 1015.00 (g/mL) ML Lab File ID: 19B39170.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 12/07/2005 12/08/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 12/09/2005

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/13/2005

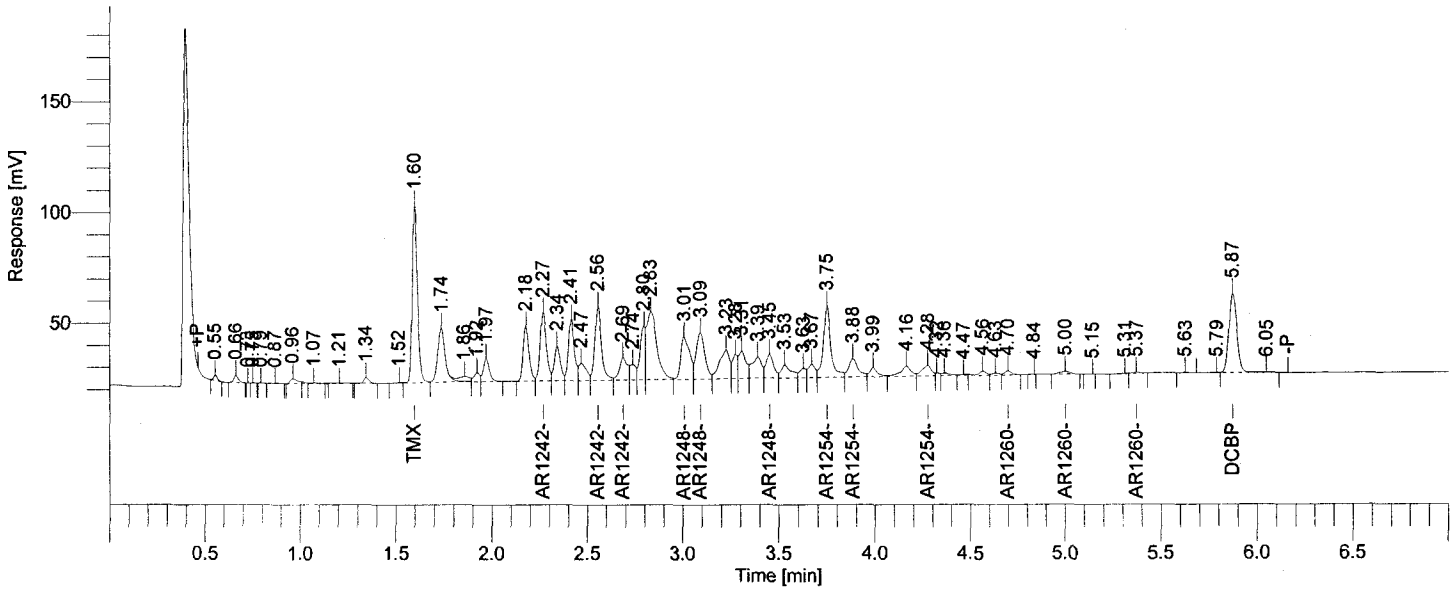
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	1.1	
11104-28-2	Aroclor 1221	0.49	U
11141-16-5	Aroclor 1232	0.49	U
53469-21-9	Aroclor 1242	0.49	U
12672-29-6	Aroclor 1248	0.49	U
11097-69-1	Aroclor 1254	0.66	
11096-82-5	Aroclor 1260	0.49	U

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:15:36
Reprocess Number	: buf2042: 85611		
Operator	: tchrom	Sample Name	: AW50029473
Sample Number	: A5D98301	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/13/2005 21:52:05	Cycle	: 9

Raw Data File : H:\TURBO6\5890-19\19B39170.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39170.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39170.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39170.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(11-30-05).mth from H:\TURBO6\5890-19\19B39170.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
12	1.60	VV	147968	TMX	0.0167	-------	0
	2.56		182077	AR1242	0.1576	0.0525	3
	3.09		160488	AR1248	0.1454	0.0485	3
	3.75		131879	AR1254	0.0702	0.0234	3
	4.70		10151	AR1260	-0.0198	-7e-03	3
55	5.87	VE	102342	DCBP	0.0112	-------	0
			734906			0.1178	

12/14/05

12/14/2005 07:15:36 Result: H:\TURBO6\5890-19\19B39170.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
18	2.27	VV	70509	AR1242-A	0.2123	0.0708	3
22	2.56	VV	82263	AR1242-B	0.1442	0.0481	3
23	2.69	VV	29305	AR1242-C	0.1160	0.0387	3
			182077			0.1575	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
27	3.01	VV	63043	AR1248-A	0.1547	0.0516	3
28	3.09	VV	66886	AR1248-B	0.1936	0.0645	3
33	3.45	VV	30559	AR1248-C	0.0872	0.0291	3
			160488			0.1452	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
37	3.75	VV	86683	AR1254-A	0.1257	0.0419	3
38	3.88	VV	28420	AR1254-B	0.0439	0.0146	3
41	4.28	VV	16776	AR1254-C	0.0310	0.0103	3
			131879			0.0669	

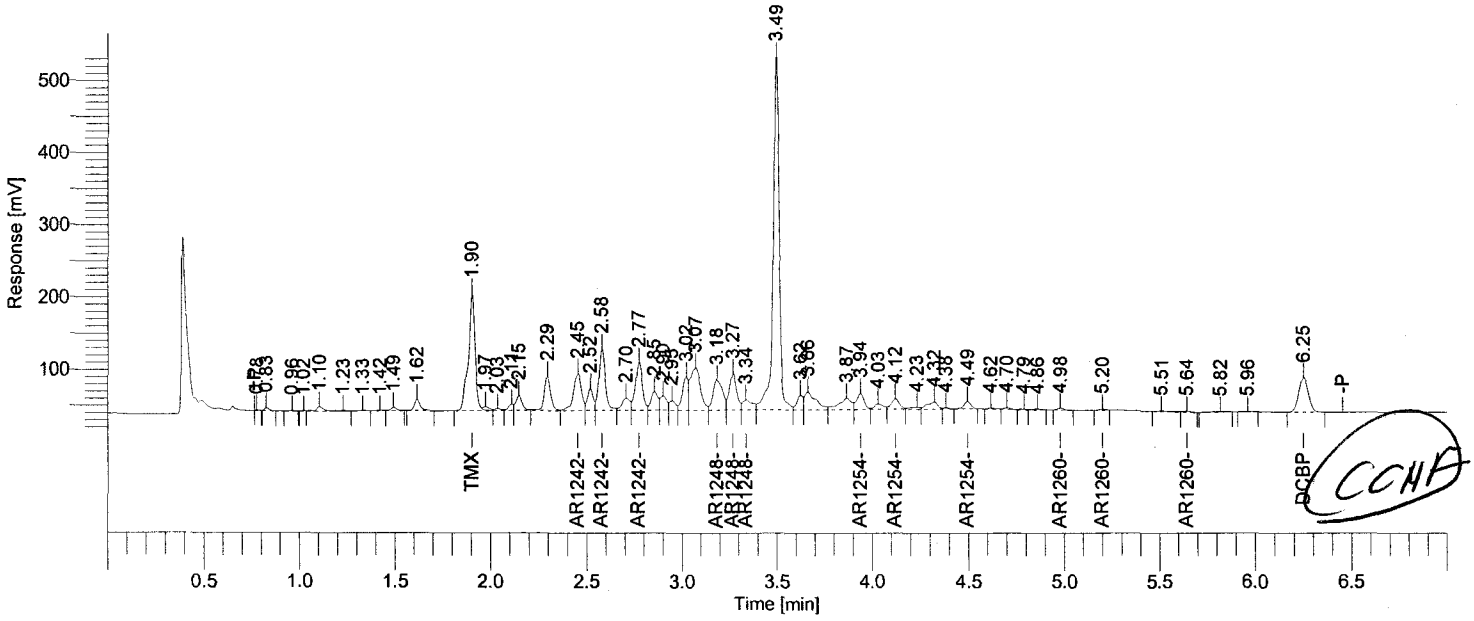
12/14/05

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
47	4.70	VB	4623	AR1260-A	-0.0211	-7e-03	3
49	5.00	BB	4121	AR1260-B	-0.0214	-7e-03	3
52	5.37	VB	1407	AR1260-C	-0.0102	-3e-03	3
			10151			-0.0176	

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:15:31
Reprocess Number	: buf2042: 85610		
Operator	: tchrom	Sample Name	: AW50029473
Sample Number	: A5D98301	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/13/2005 21:52:05	Cycle	: 9

Raw Data File : H:\TURBO6\5890-19\19A39170.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39170.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39170.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39170.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(11-30-05).mth from H:\TURBO6\5890-19\19A39170.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
11	1.90	BE	399739	TMX	0.0217	-------	0
	2.58		518945	AR~~1242~~	0.2259	0.0753	3
	3.27		334842	AR~~1248~~	0.1917	0.0639	3
	3.94		128945	AR1254	0.0379	0.0126	3
	4.98		14431	AR~~1260~~	-0.0166	-6e-03	3
51	6.25	BB	167046	DCBP	0.0113	-------	0
			1563949			0.1463	

12/14/05

12/14/2005 07:15:31 Result: H:\TURBO6\5890-19\19A39170.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
17	2.45	VV	150155	AR1242-A	0.2173	0.0724	3
19	2.58	VV	200130	AR1242-B	0.4783	0.1594	3
21	2.77	VV	168659	AR1242-C	0.1421	0.0474	3
			518945			0.2792	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
27	3.18	VV	149479	AR1248-A	0.1743	0.0581	3
28	3.27	VV	135110	AR1248-B	0.1980	0.0660	3
29	3.34	VV	50254	AR1248-C	0.2429	0.0810	3
			334842			0.2051	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
34	3.94	VV	60673	AR1254-A	0.0531	0.0177	3
36	4.12	VV	41830	AR1254-B	0.0379	0.0126	3
40	4.49	BB	26443	AR1254-C	0.0229	0.0076	3
			128945			0.0380	

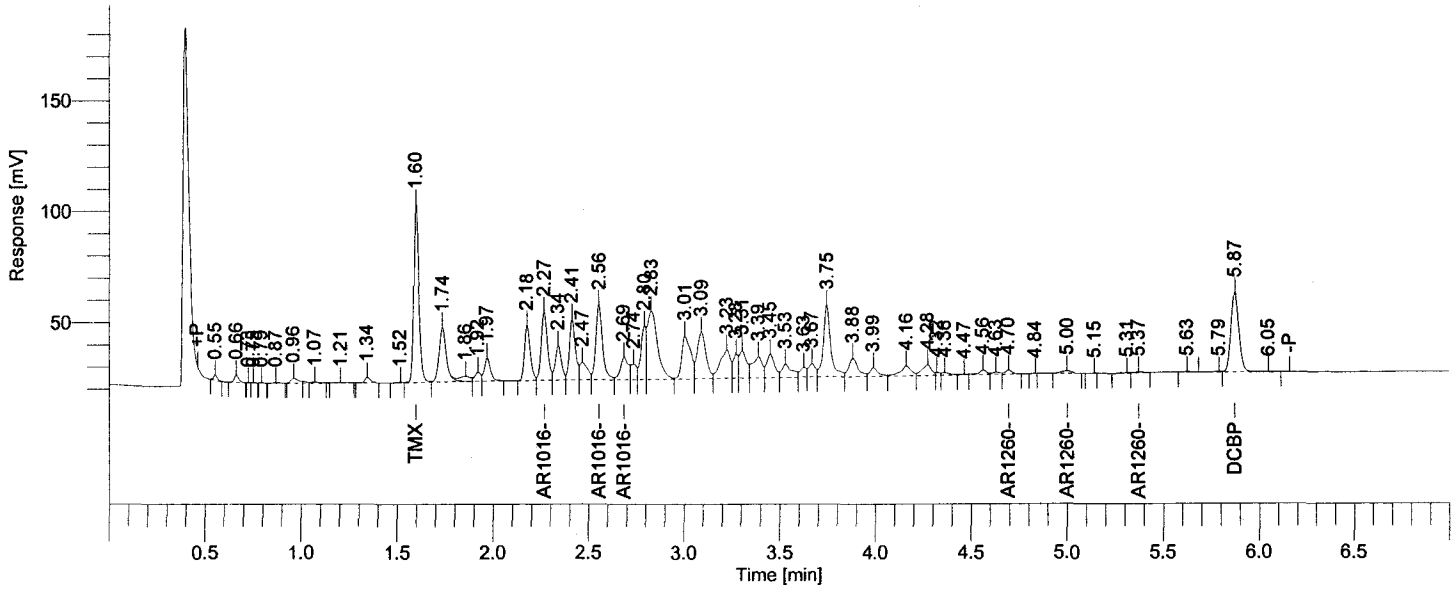
12/14/05

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
45	4.98	BB	6077	AR1260-A	-0.0127	-4e-03	3
46	5.20	BB	3244	AR1260-B	-0.0227	-8e-03	3
48	5.64	VB	5111	AR1260-C	-0.0212	-7e-03	3
			14431			-0.0189	

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 10:58:36
Reprocess Number	: buf2042: 85685		
Operator	: tchrom	Sample Name	: AW50029473
Sample Number	: A5D98301	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/13/2005 21:52:05	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19B39170.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39170-20051214-105835.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39170.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39170-20051214-105835.rst
Calib Method : h:\turbo6\5890-19\sb66(11-30-05).mth from H:\TURBO6\5890-19\19B39170-20051214-105835.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
12	1.60	VV	147968	TMX	0.0167	-------	0
	2.56		182077	AR1016	0.1085	0.0362	3
	4.70		10151	~~AR1260~~	~~-0.0198~~	-7e-03	3
55	5.87	VE	102342	DCBP	0.0112	-------	0
			442539			0.0296	

12/14/05

12/14/2005 10:58:36 Result: H:\TURBO6\5890-19\19B39170-20051214-105835.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
18	2.27	VV	70509	AR1016-A	0.1589	0.0530	3
22	2.56	VV	82263	AR1016-B	0.0945	0.0315	3
23	2.69	VV	29305	AR1016-C	0.0756	0.0252	3
			182077			0.1097	

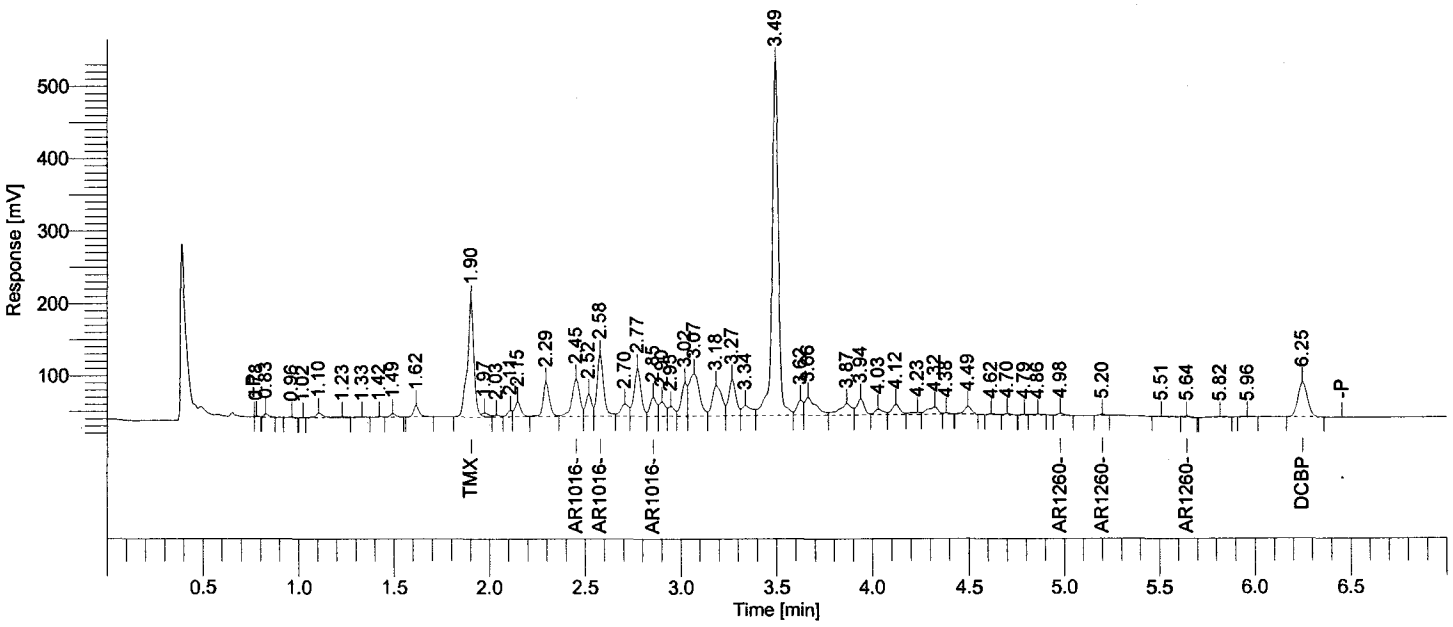
12/14/05

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
47	4.70	VB	4623	AR1260-A	-0.0211	-7e-03	3
49	5.00	BB	4121	AR1260-B	-0.0214	-7e-03	3
52	5.37	VB	1407	AR1260-C	-0.0102	-3e-03	3
			10151			-0.0176	

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 10:58:34
Reprocess Number	: buf2042: 85684		
Operator	: tchrom	Sample Name	: AW50029473
Sample Number	: A5D98301	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/13/2005 21:52:05	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19A39170.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39170-20051214-105833.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39170.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39170-20051214-105833.rst
Calib Method : h:\turbo6\5890-19\sa66(11-30-05).mth from H:\TURBO6\5890-19\19A39170-20051214-105833.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
11	1.90	BE	399739	TMX	0.0217	-------	0
	2.58		414421	AR1016	0.2003	0.0668	3
	4.98		14431	AR1260	-0.0166	-6e-03	3
51	6.25	BB	167046	DCBP	0.0113	-------	0
			995638			0.0612	

12/14/05

12/14/2005 10:58:34 Result: H:\TURBO6\5890-19\19A39170-20051214-105833.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
17	2.45	VV	150155	AR1016-A	0.1617	0.0539	3
19	2.58	VV	200130	AR1016-B	0.4003	0.1334	3
22	2.85	VV	64136	AR1016-C	0.0895	0.0298	3
			414421			0.2172	

12/14/05

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
45	4.98	BB	6077	AR1260-A	-0.0127	-4e-03	3
46	5.20	BB	3244	AR1260-B	-0.0227	-8e-03	3
48	5.64	VB	5111	AR1260-C	-0.0212	-7e-03	3
			14431			-0.0189	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

124/1004

Client No.

NM-MWMPI1-W-D-1205

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5D98302

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 19B39171.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 12/07/2005 12/08/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 12/09/2005

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/13/2005

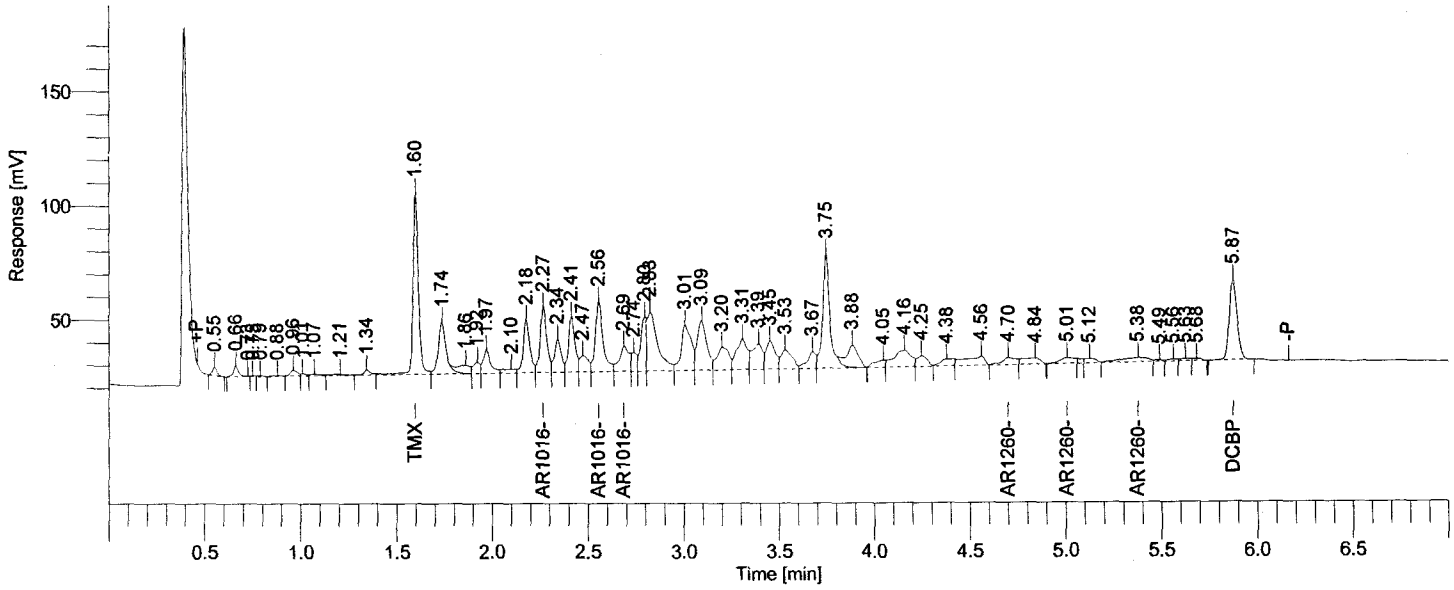
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	1.2	
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 11:00:33
Reprocess Number	: buf2042: 85687		
Operator	: tchrom	Sample Name	: AW50029474
Sample Number	: A5D98302	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/13/2005 22:10:02	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19B39171.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39171.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39171.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39171.rst
Calib Method : h:\turbo6\5890-19\sb66(11-30-05).mth from H:\TURBO6\5890-19\19B39171.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
12	1.60	VV	156405	TMX	0.0178	-------	0
	2.56		195473	AR1016	0.1189	0.0396	3
	4.70		48078	AR~~1260~~	0.0054	0.0018	3
52	5.87	BB	100667	DCBP	0.0110	-------	0
			500624			0.0414	

12/14/05 DB

12/14/2005 11:00:33 Result: H:\TURBO6\5890-19\19B39171.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
19	2.27	VV	70353	AR1016-A	0.1585	0.0528	3
23	2.56	VV	85969	AR1016-B	0.1003	0.0334	3
24	2.69	VV	39151	AR1016-C	0.1096	0.0365	3
			195473			0.1228	

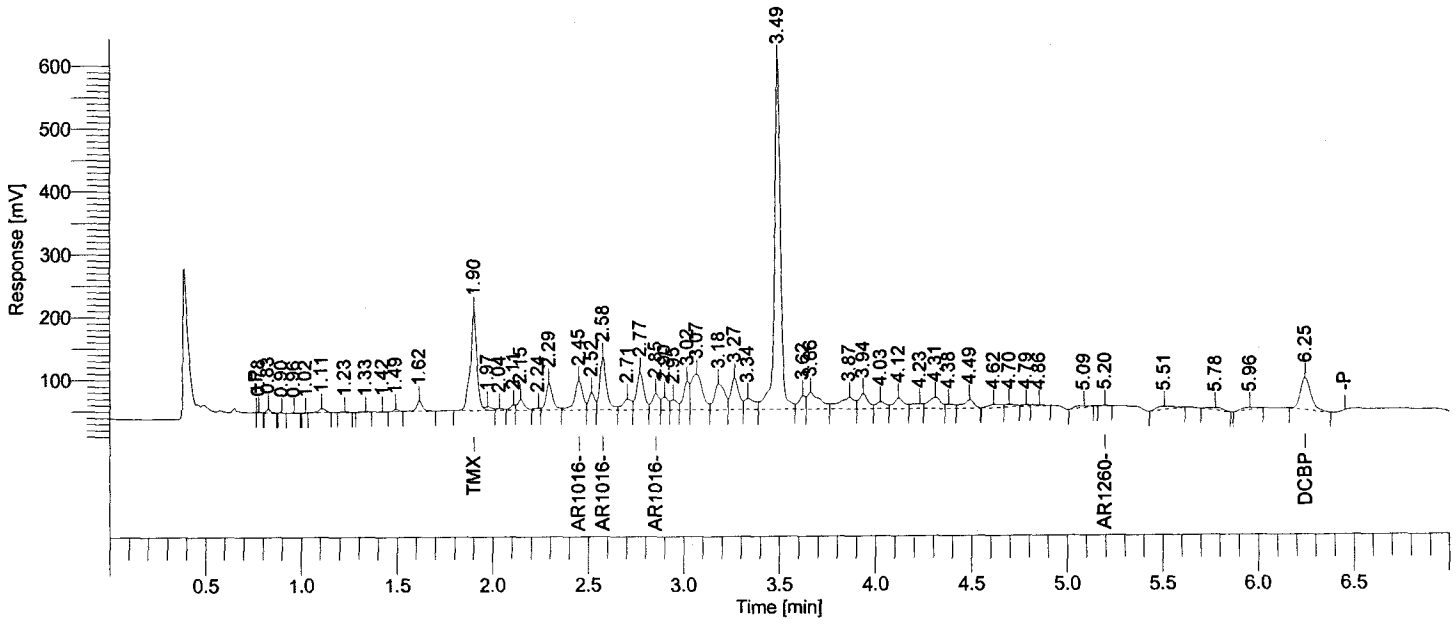
12/14/05

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
43	4.70	BV	16078	AR1260-A	-4e-03	-1e-03	3
45	5.01	BV	13194	AR1260-B	-7e-03	-2e-03	3
47	5.38	VV	18805	AR1260-C	0.0792	0.0264	3
			48078			0.0226	

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 11:00:31
Reprocess Number	: buf2042: 85686		
Operator	: tchrom	Sample Name	: AW50029474
Sample Number	: A5D98302	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/13/2005 22:10:02	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19A39171.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39171.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39171.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39171.rst
Calib Method : h:\turbo6\5890-19\sa66(11-30-05).mth from H:\TURBO6\5890-19\19A39171.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
12	1.90	BE	381742	TMX	0.0206	-------	0
	2.58		412539	AR1016	0.1992	0.0664	3
52	6.25	BB	192059	DCBP	0.0136	-------	0
			986340			0.0664	

12/14/05

12/14/2005 11:00:31 Result: H:\TURBO6\5890-19\19A39171.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
19	2.45	VV	142806	AR1016-A	0.1521	0.0507	3
21	2.58	VV	203507	AR1016-B	0.4078	0.1359	3
24	2.85	VV	66226	AR1016-C	0.0931	0.0310	3
			412539			0.2176	

12/14/05

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.98		0	AR1260-A	0.0000	-------	-
48	5.20	BB	2364	AR1260-B	-0.0241	-8e-03	3
-	5.65		0	AR1260-C	0.0000	-------	-
			2364			-8e-03	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

129/1004

Client No.

NM-MWMPI2-W-0-1205

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5D98303

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 19B39174.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 12/07/2005 12/08/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 12/09/2005

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/13/2005

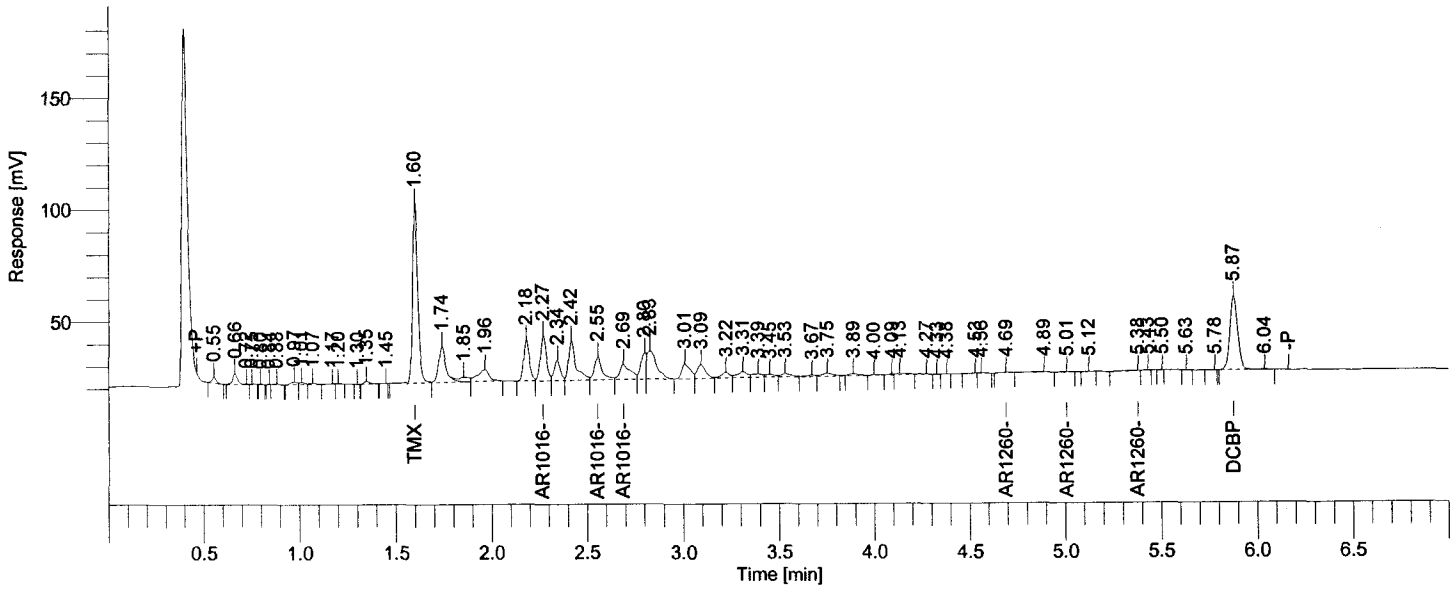
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.53	
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 11:03:06
Reprocess Number	: buf2042: 85689		
Operator	: tchrom	Sample Name	: AW50029475
Sample Number	: A5D98303	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/13/2005 23:04:11	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19B39174.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39174.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39174.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39174.rst
Calib Method : h:\turbo6\5890-19\sb66(11-30-05).mth from H:\TURBO6\5890-19\19B39174.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
16	1.60	BV	149767	TMX	0.0170	-------	0
	2.27		100580	AR1016	0.0461	0.0154	3
55	5.87	VE	93831	DCBP	0.0100	-------	0
			344177			0.0154	

12/14/05

12/14/2005 11:03:06 Result: H:\TURBO6\5890-19\19B39174.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
21	2.27	VV	45465	AR1016-A	0.0909	0.0303	3
24	2.55	VV	29052	AR1016-B	0.0120	0.0040	3
25	2.69	VV	26063	AR1016-C	0.0645	0.0215	3
			100580			0.0558	

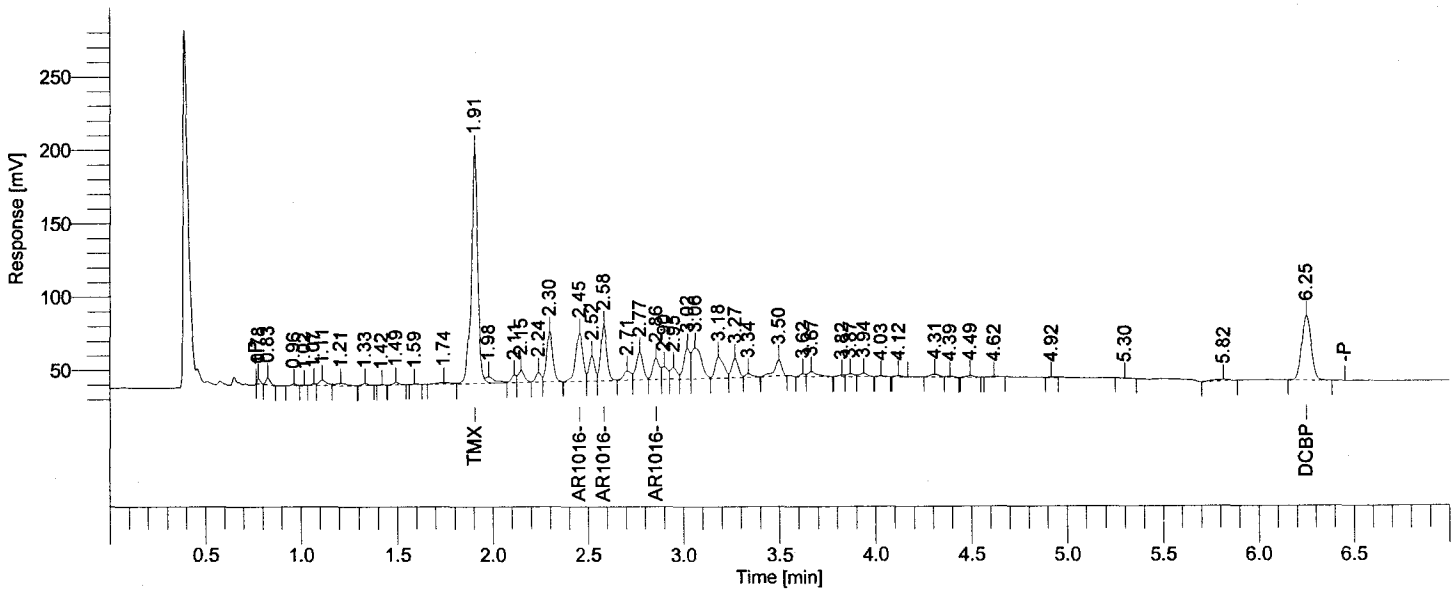
12/14/05

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
46	4.69	BV	921	AR1260-A	-0.0266	-9e-03	3
48	5.01	BV	634	AR1260-B	-0.0269	-9e-03	3
50	5.38	BV	1236	AR1260-C	-0.0111	-4e-03	3
			2791			-0.0215	

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 11:03:03
Reprocess Number	: buf2042: 85688		
Operator	: tchrom	Sample Name	: AW50029475
Sample Number	: A5D98303	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/13/2005 23:04:11	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19A39174.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39174.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39174.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39174.rst
Calib Method : h:\turbo6\5890-19\sa66(11-30-05).mth from H:\TURBO6\5890-19\19A39174.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
13	1.91	VE	369358	TMX	0.0198	-------	0
	2.58		208004	AR1016	0.0862	0.0287	3
47	6.25	BB	153239	DCBP	0.0101	-------	0
			730600			0.0287	

12/14/05 AD

12/14/2005 11:03:03 Result: H:\TURBO6\5890-19\19A39174.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
19	2.45	BV	90946	AR1016-A	0.0842	0.0281	3
21	2.58	VV	82403	AR1016-B	0.1470	0.0490	3
24	2.86	VV	34654	AR1016-C	0.0387	0.0129	3
			208004			0.0900	

12/14/05

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.98		0	AR1260-A	0.0000	-------	-
-	5.20		0	AR1260-B	0.0000	-------	-
-	5.65		0	AR1260-C	0.0000	-------	-
			0			0.0000	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

134/1004

Client No.

NM-MWMPI3-W-0-1205

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5D98304

Sample wt/vol: 1045.00 (g/mL) ML Lab File ID: 19B39175.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 12/07/2005 12/08/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 12/09/2005

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/13/2005

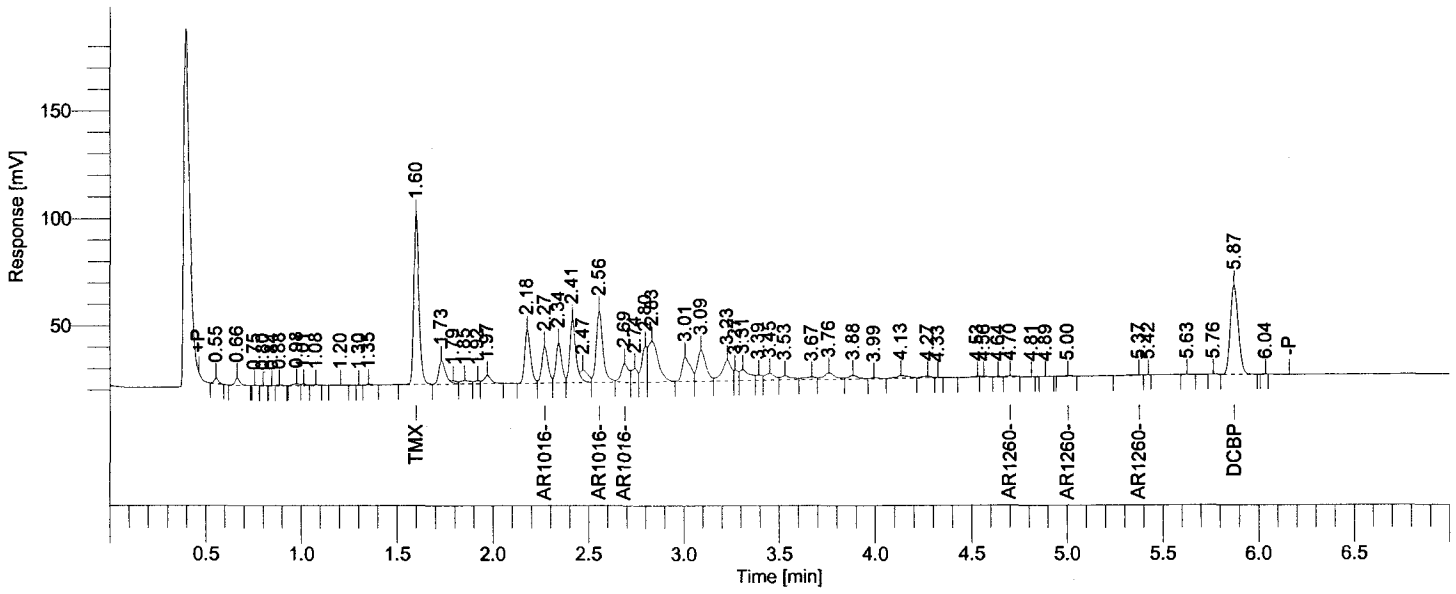
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.70	
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 11:03:12
Reprocess Number	: buf2042: 85691		
Operator	: tchrom	Sample Name	: AW50029476
Sample Number	: A5D98304	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/13/2005 23:22:08	Cycle	: 2

Raw Data File : H:\TURBO6\5890-19\19B39175.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39175.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39175.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39175.rst
Calib Method : h:\turbo6\5890-19\sb66(11-30-05).mth from H:\TURBO6\5890-19\19B39175.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
13	1.60	BV	145655	TMX	0.0164	-------	0
	2.56		142198	AR1016	0.0779	0.0260	3
55	5.87	VB	119300	DCBP	0.0137	-------	0
			407153			0.0260	

12/14/05

12/14/2005 11:03:12 Result: H:\TURBO6\5890-19\19B39175.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
20	2.27	VV	37942	AR1016-A	0.0706	0.0235	3
24	2.56	VV	80811	AR1016-B	0.0923	0.0308	3
25	2.69	VV	23445	AR1016-C	0.0555	0.0185	3
			142198			0.0728	

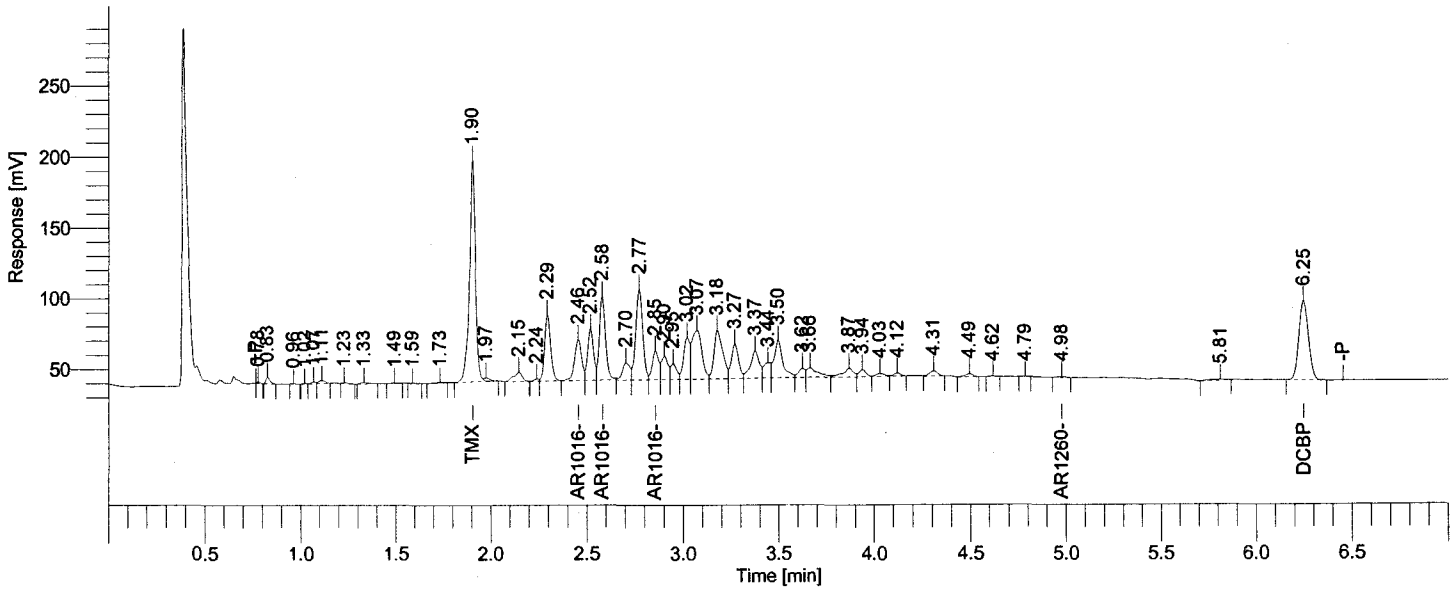
12/14/05

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
47	4.70	VV	938	AR1260-A	-0.0266	-9e-03	3
50	5.00	BB	842	AR1260-B	-0.0266	-9e-03	3
51	5.37	BV	725	AR1260-C	-0.0137	-5e-03	3
			2505			-0.0223	

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 11:03:09
Reprocess Number	: buf2042: 85690		
Operator	: tchrom	Sample Name	: AW50029476
Sample Number	: A5D98304	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/13/2005 23:22:08	Cycle	: 2

Raw Data File : H:\TURBO6\5890-19\19A39175.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39175.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39175.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39175.rst
Calib Method : h:\turbo6\5890-19\sa66(11-30-05).mth from H:\TURBO6\5890-19\19A39175.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
12	1.90	BE	340064	TMX	0.0180	-------	0
	2.58		253624	AR1016	0.1112	0.0371	3
44	6.25	BB	195544	DCBP	0.0139	-------	0
			789232			0.0371	

12/14/05

12/14/2005 11:03:09 Result: H:\TURBO6\5890-19\19A39175.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
17	2.46	VV	74793	AR1016-A	0.0633	0.0211	3
19	2.58	VV	131581	AR1016-B	0.2514	0.0838	3
22	2.85	VV	47250	AR1016-C	0.0603	0.0201	3
			253624			0.1250	

12/14/05

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
42	4.98	BB	1847	AR1260-A	-0.0159	-5e-03	3
-	5.20		0	AR1260-B	0.0000	-------	-
-	5.65		0	AR1260-C	0.0000	-------	-
			1847			-5e-03	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

139/1004

Client No.

NM-MWMPIO4-W-0-1205

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5D98307

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 19B39178.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 12/07/2005 12/08/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 12/09/2005

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/14/2005

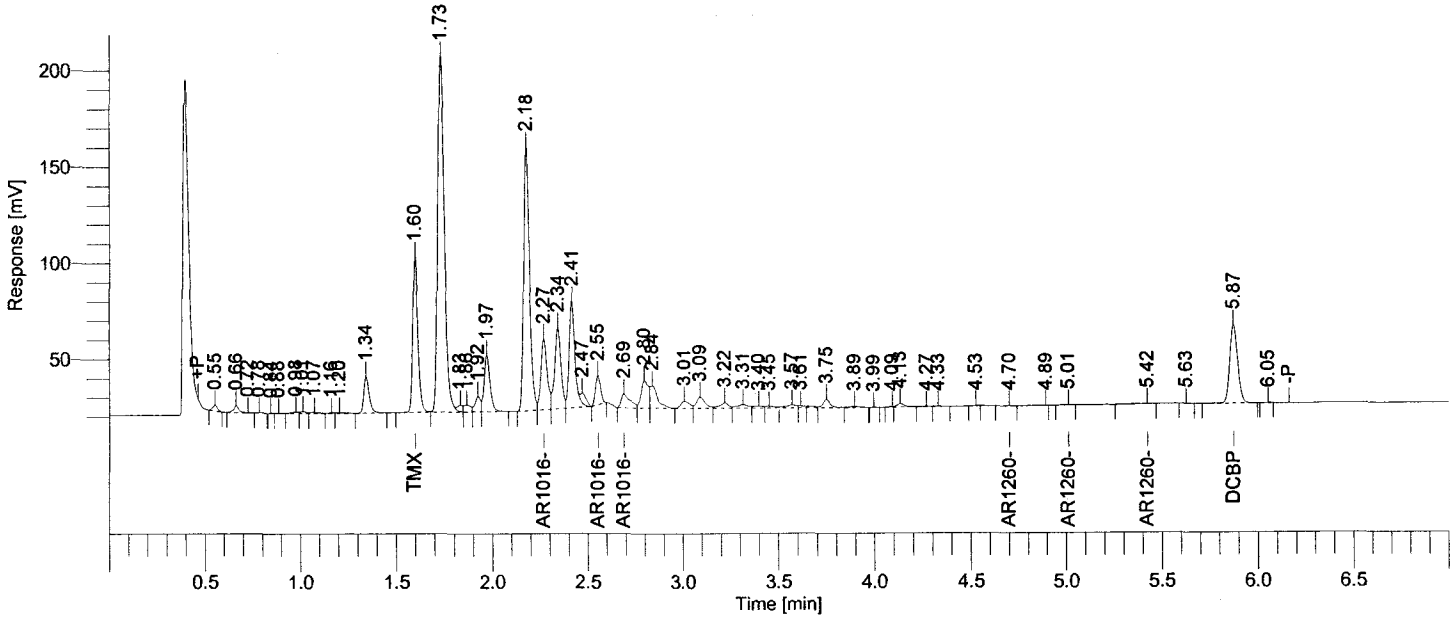
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.87	
11104-28-2	Aroclor 1221	2.3	
11141-16-5	Aroclor 1232	0.50	U
53469-21-9	Aroclor 1242	0.50	U
12672-29-6	Aroclor 1248	0.50	U
11097-69-1	Aroclor 1254	0.50	U
11096-82-5	Aroclor 1260	0.50	U

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 11:03:26
Reprocess Number	: buf2042: 85697		
Operator	: tchrom	Sample Name	: AW50029479
Sample Number	: A5D98307	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 00:16:04	Cycle	: 5

Raw Data File : H:\TURBO6\5890-19\19B39178.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39178.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39178.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39178.rst
Calib Method : h:\turbo6\5890-19\sb66(11-30-05).mth from H:\TURBO6\5890-19\19B39178.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
13	1.60	VV	148109	TMX	0.0167	-------	0
	2.27		136004	AR1016	0.0731	0.0244	3
49	5.87	BB	117394	DCBP	0.0134	-------	0
			401508			0.0244	

12/14/05

12/14/2005 11:03:26 Result: H:\TURBO6\5890-19\19B39178.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
20	2.27	VV	83671	AR1016-A	0.1951	0.0650	3
24	2.55	BB	29009	AR1016-B	0.0120	0.0040	3
25	2.69	BV	23325	AR1016-C	0.0551	0.0184	3
			136004			0.0874	

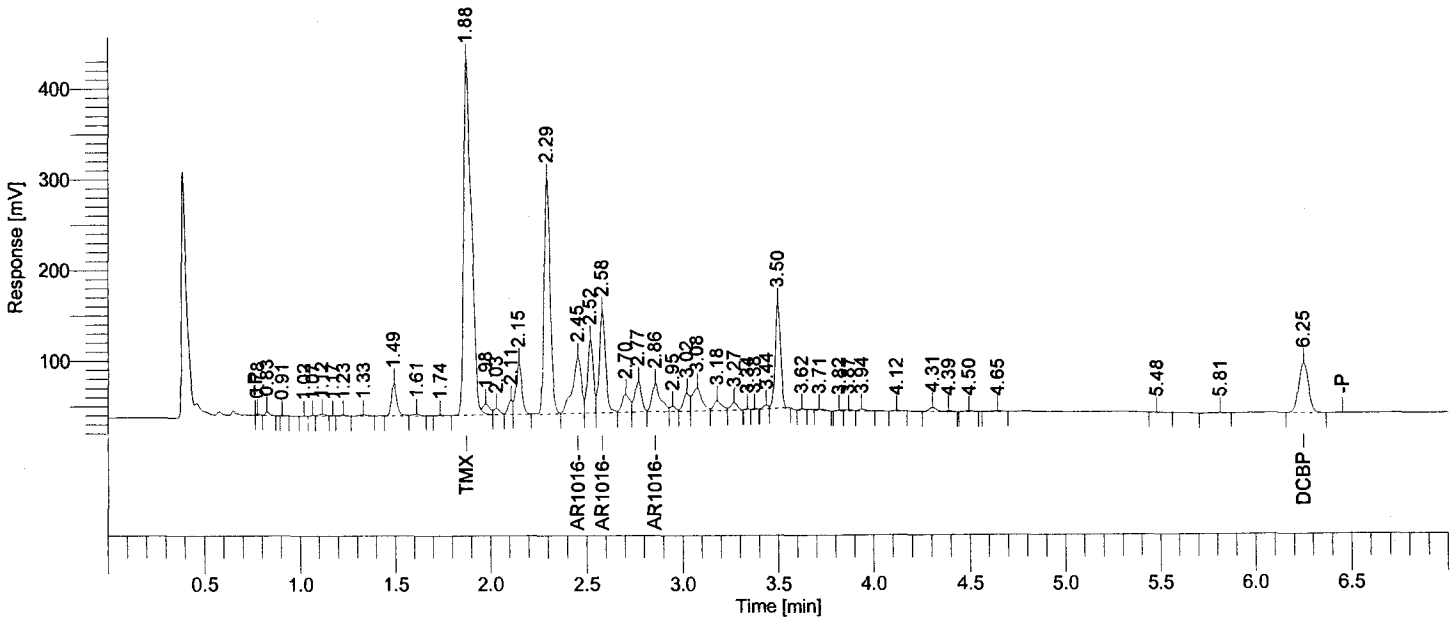
12/14/05 GAB

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
44	4.70	BV	571	AR1260-A	-0.0271	-9e-03	3
46	5.01	BB	481	AR1260-B	-0.0272	-9e-03	3
47	5.42	BB	860	AR1260-C	-0.0130	-4e-03	3
			1913			-0.0224	

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 11:03:24
Reprocess Number	: buf2042: 85696		
Operator	: tchrom	Sample Name	: AW50029479
Sample Number	: A5D98307	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 00:16:04	Cycle	: 5

Raw Data File : H:\TURBO6\5890-19\19A39178.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39178.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39178.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39178.rst
Calib Method : h:\turbo6\5890-19\sa66(11-30-05).mth from H:\TURBO6\5890-19\19A39178.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
13	1.88	VE	1088229	TMX	0.0626	-------	0
	2.58		545173	AR1016	0.2738	0.0913	3
46	6.25	BB	192823	DCBP	0.0136	-------	0
			1826225			0.0913	

12/14/05

12/14/2005 11:03:24 Result: H:\TURBO6\5890-19\19A39178.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
19	2.45	VV	202703	AR1016-A	0.2315	0.0772	3
21	2.58	VV	247158	AR1016-B	0.5051	0.1684	3
24	2.86	VV	95312	AR1016-C	0.1437	0.0479	3
			545173			0.2934	

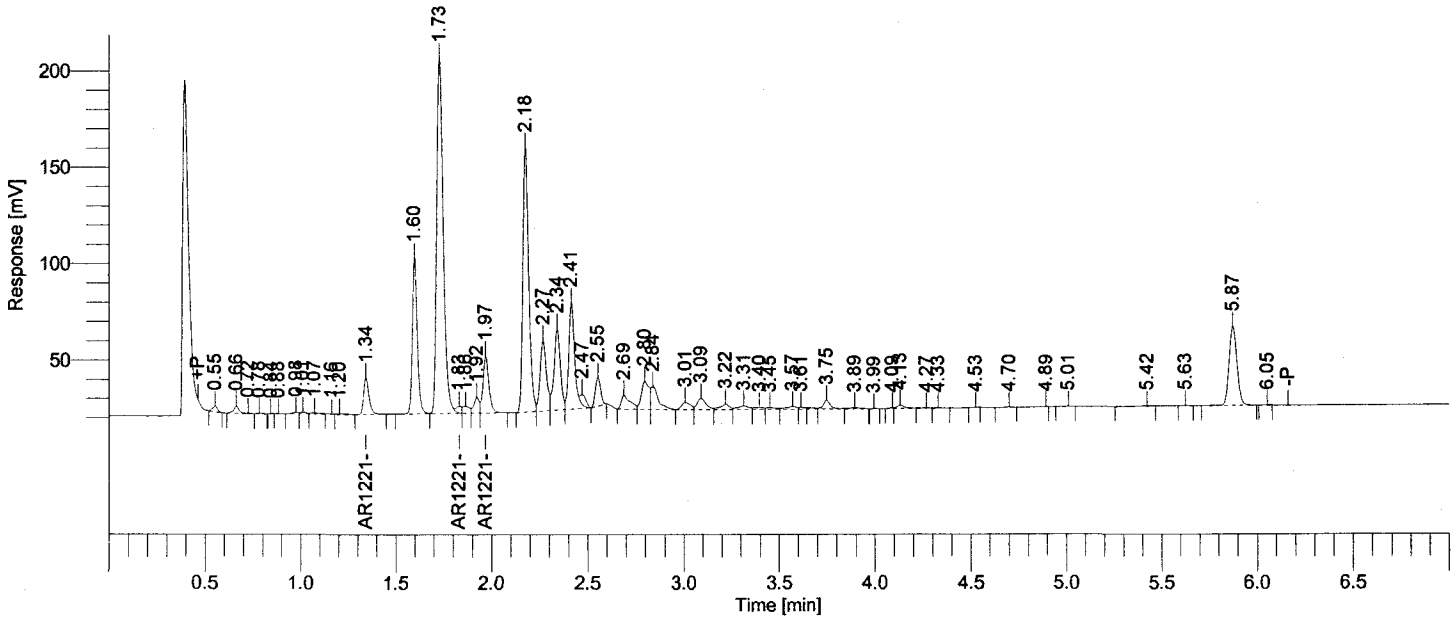
12/14/05

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.98		0	AR1260-A	0.0000	-------	-
-	5.20		0	AR1260-B	0.0000	-------	-
-	5.65		0	AR1260-C	0.0000	-------	-
			0			0.0000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 11:11:26
Reprocess Number	: buf2042: 85709		
Operator	: tchrom	Sample Name	: AW50029479
Sample Number	: A5D98307	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 00:16:04	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19B39178.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39178-20051214-111126.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39178.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39178-20051214-111126.rst
Calib Method : h:\turbo6\5890-19\sb21(11-30-05).mth from H:\TURBO6\5890-19\19B39178-20051214-111126.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	1.97		106798	AR1221	0.2326	0.0775	3
			106798			0.0775	

12/14/05

12/14/2005 11:11:26 Result: H:\TURBO6\5890-19\19B39178-20051214-111126.rst

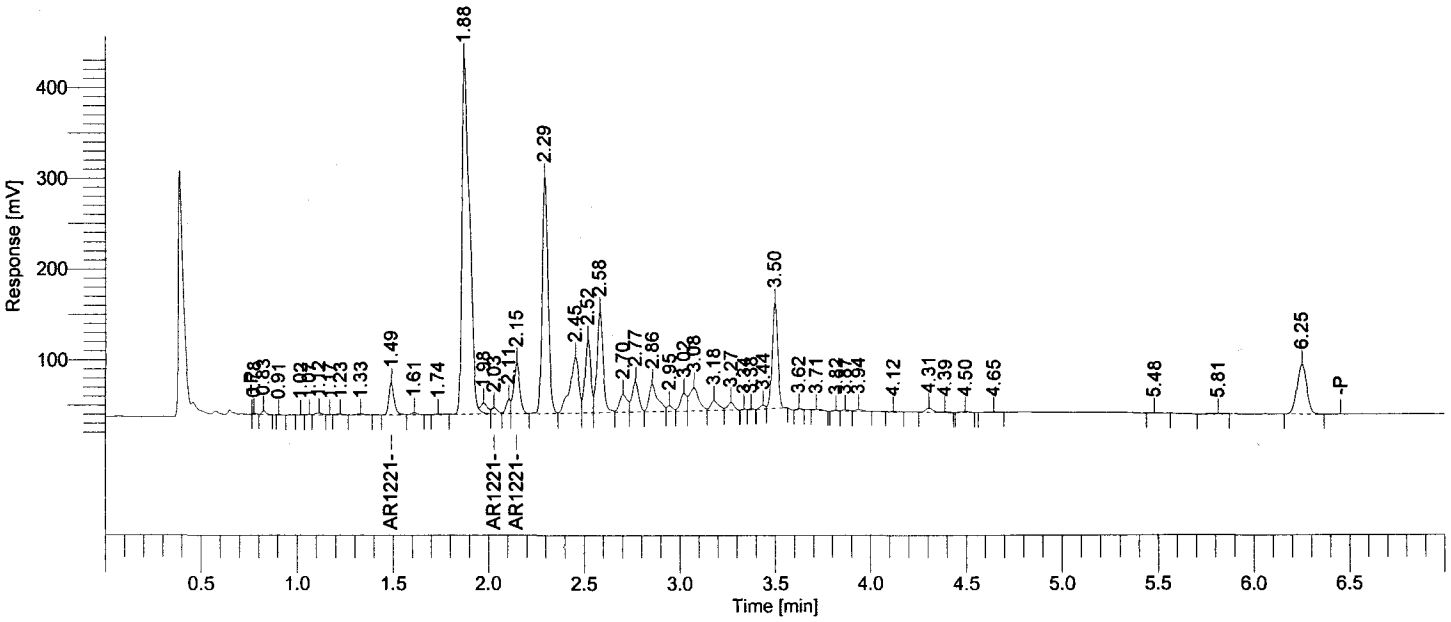
Group Report For : AR1221

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
12	1.34	BV	37244	AR1221-A	0.3941	0.1314	3
15	1.83	EV	6320	AR1221-B	0.0576	0.0192	3
18	1.97	VB	63234	AR1221-C	0.2481	0.0827	3
			106798			0.2333	

12/14/05

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 11:11:24
Reprocess Number	: buf2042: 85708		
Operator	: tchrom	Sample Name	: AW50029479
Sample Number	: A5D98307	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 00:16:04	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19A39178.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39178-20051214-111124.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39178.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39178-20051214-111124.rst
Calib Method : h:\turbo6\5890-19\sa21(11-30-05).mth from H:\TURBO6\5890-19\19A39178-20051214-111124.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	2.15		204070	AR1221	0.2296	0.0765	3
			204070			0.0765	

12/14/5

12/14/2005 11:11:24 Result: H:\TURBO6\5890-19\19A39178-20051214-111124.rst

Group Report For : AR1221

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
10	1.49	BV	67719	AR1221-A	0.3947	0.1316	3
15	2.03	VV	14992	AR1221-B	0.0687	0.0229	3
17	2.15	VB	121359	AR1221-C	0.2433	0.0811	3
			204070			0.2355	

12/14/05

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

148/1004

Client No.

NM-MWMPIO5-W-0-1205

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5D98309

Sample wt/vol: 1020.00 (g/mL) ML Lab File ID: 19B39182.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 12/07/2005 12/08/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 12/09/2005

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/14/2005

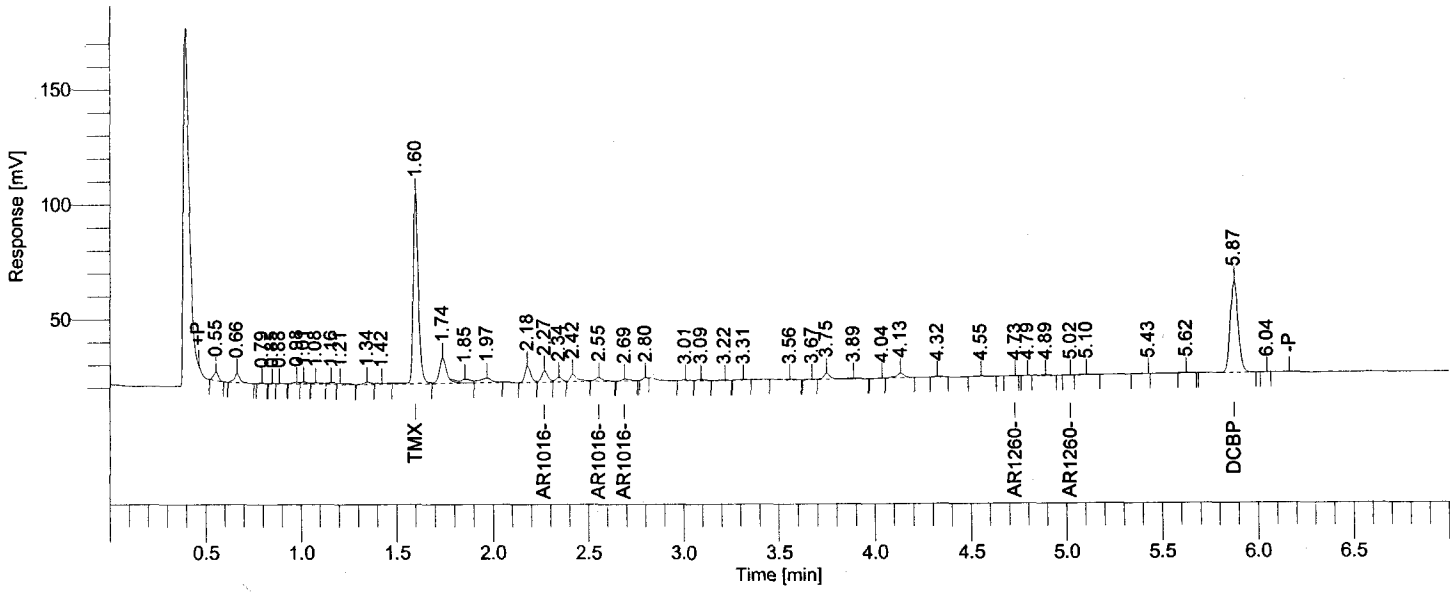
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.49	U
11104-28-2	Aroclor 1221	0.49	U
11141-16-5	Aroclor 1232	0.49	U
53469-21-9	Aroclor 1242	0.49	U
12672-29-6	Aroclor 1248	0.49	U
11097-69-1	Aroclor 1254	0.49	U
11096-82-5	Aroclor 1260	0.49	U

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 11:03:42
Reprocess Number	: buf2042: 85705		
Operator	: tchrom	Sample Name	: AW50029483
Sample Number	: A5D98309	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 01:27:59	Cycle	: 9

Raw Data File : H:\TURBO6\5890-19\19B39182.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39182.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39182.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39182.rst
Calib Method : h:\turbo6\5890-19\sb66(11-30-05).mth from H:\TURBO6\5890-19\19B39182.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
13	1.60	VV	154357	TMX	0.0176	-------	0
	2.27		18779	AR1016	-0.0159	-5e-03	3
43	5.87	BB	114208	DCBP	0.0130	-------	0
			287344			-5e-03	

12/14/05

12/14/2005 11:03:42 Result: H:\TURBO6\5890-19\19B39182.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
18	2.27	VV	11267	AR1016-A	-6e-04	-2e-04	3
21	2.55	VB	4959	AR1016-B	-0.0249	-8e-03	3
22	2.69	BB	2553	AR1016-C	-0.0157	-5e-03	3
			18779			-0.0137	

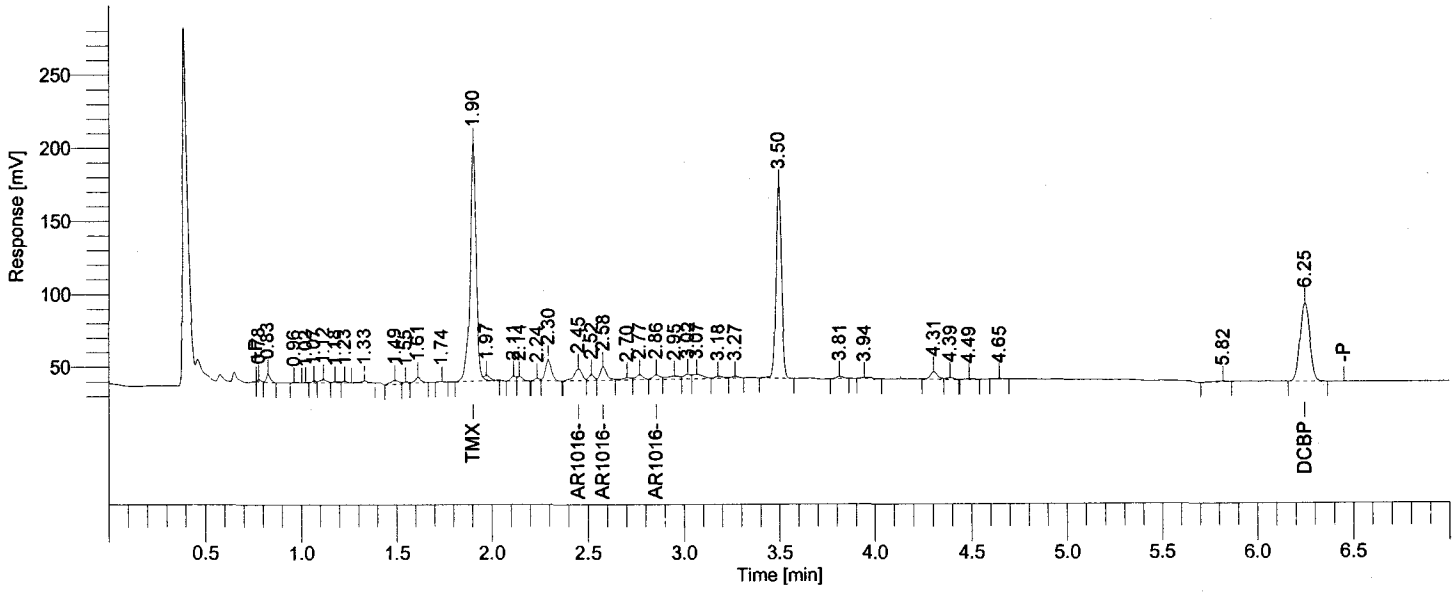
BAC 12/14/05

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
36	4.73	BV	237	AR1260-A	-0.0276	-9e-03	3
39	5.02	BV	229	AR1260-B	-0.0276	-9e-03	3
-	5.38		0	AR1260-C	0.0000	------	-
			466			-0.0184	

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 11:03:40
Reprocess Number	: buf2042: 85704		
Operator	: tchrom	Sample Name	: AW50029483
Sample Number	: A5D98309	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 01:27:59	Cycle	: 9

Raw Data File : H:\TURBO6\5890-19\19A39182.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39182.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39182.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39182.rst
Calib Method : h:\turbo6\5890-19\sa66(11-30-05).mth from H:\TURBO6\5890-19\19A39182.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
14	1.90	BE	353199	TMX	0.0189	-------	0
	2.58		52645	AR1016	0.0019	6.2e-04	3
39	6.25	BB	188757	DCBP	0.0133	-------	0
			594601			6.2e-04	

12/14/05

12/14/2005 11:03:40 Result: H:\TURBO6\5890-19\19A39182.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
20	2.45	BV	22964	AR1016-A	-3e-03	-1e-03	3
22	2.58	VV	21673	AR1016-B	0.0209	0.0070	3
25	2.86	VV	8008	AR1016-C	-7e-03	-2e-03	3
			52645			0.0035	

BAC 12/14/05

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.98		0	AR1260-A	0.0000	-------	-
-	5.20		0	AR1260-B	0.0000	-------	-
-	5.65		0	AR1260-C	0.0000	-------	-
			0			0.0000	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

153/1004

Client No.

NM-MWMPIO6-W-0-1205

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5D98308

Sample wt/vol: 995.00 (g/mL) ML Lab File ID: 19B39181.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 12/07/2005 12/08/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 12/09/2005

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/14/2005

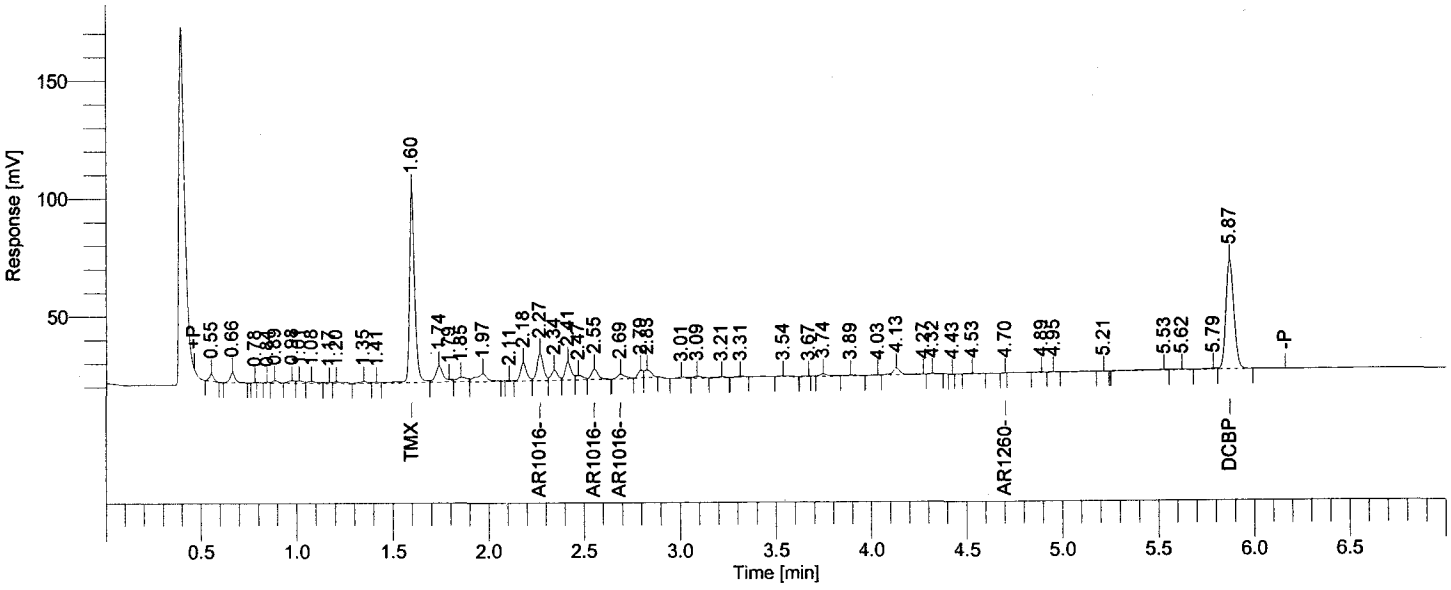
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.50	U
11104-28-2	Aroclor 1221	0.50	U
11141-16-5	Aroclor 1232	0.50	U
53469-21-9	Aroclor 1242	0.50	U
12672-29-6	Aroclor 1248	0.50	U
11097-69-1	Aroclor 1254	0.50	U
11096-82-5	Aroclor 1260	0.50	U

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 11:03:38
Reprocess Number	: buf2042: 85703		
Operator	: tchrom	Sample Name	: AW50029482
Sample Number	: A5D98308	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 01:10:03	Cycle	: 8

Raw Data File : H:\TURBO6\5890-19\19B39181.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39181.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39181.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39181.rst
Calib Method : h:\turbo6\5890-19\sb66(11-30-05).mth from H:\TURBO6\5890-19\19B39181.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
13	1.60	VV	156456	TMX	0.0178	-------	0
	2.27		43027	AR1016	0.0024	7.9e-04	3
49	5.87	VB	133043	DCBP	0.0158	-------	0
			332527			7.9e-04	

12/14/05

12/14/2005 11:03:38 Result: H:\TURBO6\5890-19\19B39181.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
20	2.27	VV	26955	AR1016-A	0.0412	0.0137	3
24	2.55	VB	10615	AR1016-B	-0.0163	-5e-03	3
25	2.69	BB	5457	AR1016-C	-6e-03	-2e-03	3
			43027			0.0063	

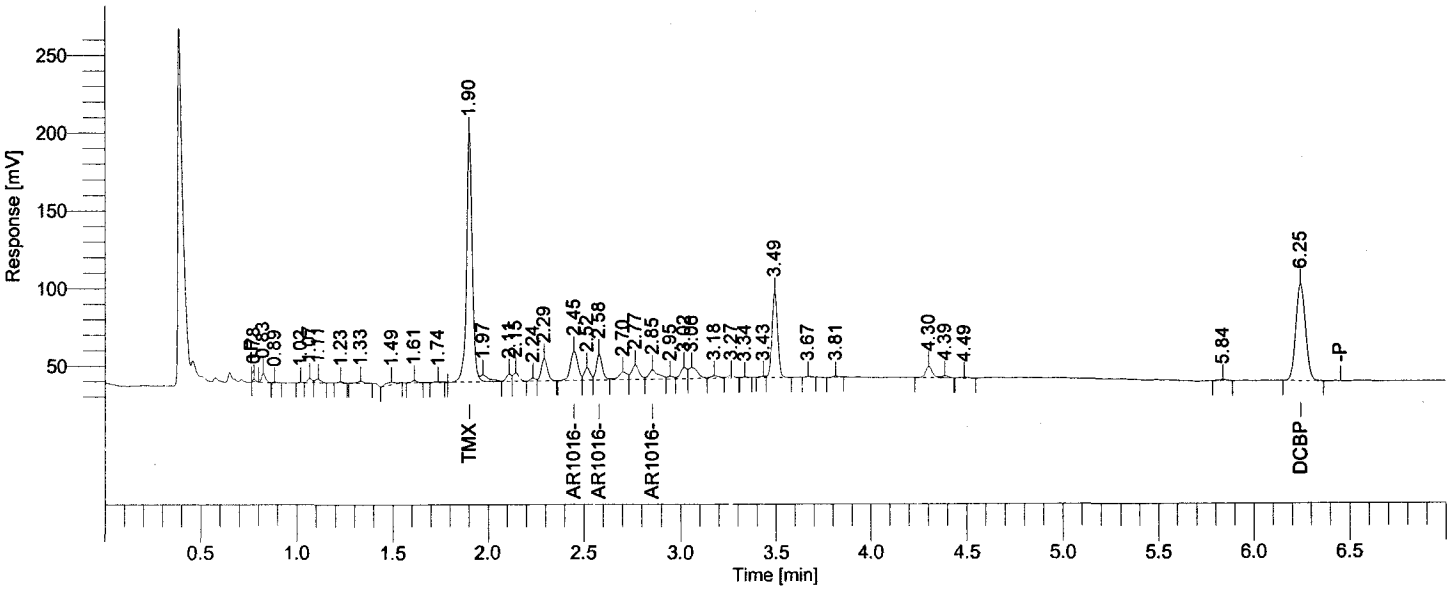
BCL 12/14/05

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
42	4.70	BB	57	AR1260-A	-0.0279	-9e-03	3
-	5.01		0	AR1260-B	0.0000	-------	-
-	5.38		0	AR1260-C	0.0000	-------	-
			57			-9e-03	

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 11:03:36
Reprocess Number	: buf2042: 85702		
Operator	: tchrom	Sample Name	: AW50029482
Sample Number	: A5D98308	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 01:10:03	Cycle	: 8

Raw Data File : H:\TURBO6\5890-19\19A39181.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39181.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39181.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39181.rst
Calib Method : h:\turbo6\5890-19\sa66(11-30-05).mth from H:\TURBO6\5890-19\19A39181.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
12	1.90	VE	335655	TMX	0.0178	-------	0
	2.45		108385	AR1016	0.0320	0.0107	3
38	6.25	BB	219396	DCBP	0.0161	-------	0
			663436			0.0107	

12/14/05

12/14/2005 11:03:36 Result: H:\TURBO6\5890-19\19A39181.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
18	2.45	BV	51308	AR1016-A	0.0329	0.0110	3
20	2.58	VV	36664	AR1016-B	0.0518	0.0173	3
23	2.85	VV	20413	AR1016-C	0.0143	0.0048	3
			108385			0.0330	

BAL 12/9/05

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.98		0	AR1260-A	0.0000	-------	-
-	5.20		0	AR1260-B	0.0000	-------	-
-	5.65		0	AR1260-C	0.0000	-------	-
			0			0.0000	

Standards

PCB INITIAL CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 B Date(s) Analyzed:

Column: ZB-5 12/01/2005 to 12/01/2005

	LEVEL (ng/ul) Area											
COMPOUND	0.025	0.05	0.1	0.25	0.5	1.0	2.5	Curve	R Squared	m_1	m_2	b
AR1016	53733	97710	186203	377254	679373	1230565	2595777	2nd	0.999786	1322814	-120408	39905
AR1260	53726	102261	215885	415956	774096	1398656	2991828	2nd	0.999705	1503134	-129241	40017
COMPOUND	0.005	0.01	0.02	0.03	0.04	0.05						
TMX	46260	111256	169347	244238	310291	380473		2nd	0.995422	8242370	-19906830	15714
DCBP	48035	108273	158943	221682	278159	336100		2nd	0.994175	7481200	-24675915	21323

Name	Level	File ID:
ICM66ML	0.025	H:\TURBO6\5890-19\19B38042.raw
ICM66MG	0.05	H:\TURBO6\5890-19\19B38041.raw
ICM66MF	0.10	H:\TURBO6\5890-19\19B38040.raw
ICM66ML	0.25	H:\TURBO6\5890-19\19B38039.raw
ICM66MK	0.5	H:\TURBO6\5890-19\19B38038.raw
ICM66MD	1.0	H:\TURBO6\5890-19\19B38037.raw
ICM66MI	2.5	H:\TURBO6\5890-19\19B38036.raw

Curve	Formula
1st Order	Area = Amt*m1 + b
2nd Order	Area = m1*Amt + m2((Amt)^2) + b

DEC 12 2005

FORM VIA PCB

6B

PCB INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 B Date(s) Analyzed:

Column: ZB-5 12/01/2005 to 12/01/2005

	LEVEL					INITIAL	WINDOW
COMPOUND	A	C	E	AVE RT	WINDOW (+/-)	From	To
TMX	1.60	1.60	1.60	1.60	0.08	1.52	1.68
AR1016-A	2.27	2.27	2.27	2.27	0.08	2.19	2.35
AR1016-B	2.56	2.56	2.56	2.56	0.08	2.48	2.64
AR1016-C	2.66	2.66	2.66	2.66	0.08	2.58	2.74
AR1260-A	4.70	4.70	4.70	4.70	0.08	4.62	4.78
AR1260-B	5.01	5.01	5.01	5.01	0.08	4.93	5.09
AR1260-C	5.38	5.38	5.38	5.38	0.08	5.30	5.46
DCBP	5.88	5.88	5.88	5.88	0.08	5.80	5.96

PCB SINGLE POINT CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo

Instrument: HP5890-19 B Date(s) Analyzed:

Column: ZB-5 11/30/2005 to 11/30/2005

	LEVEL (ng/ul)					
COMPOUND	0.5					
	Area	Calibration Factor		File ID:	Date	Time
AR1221	229569	459138		H:\TURBO6\5890-19\19B38026.raw	11/30/2005 21:22	
AR1232	327514	655028		H:\TURBO6\5890-19\19B38028.raw	11/30/2005 21:58	
AR1242	577621	1155242		H:\TURBO6\5890-19\19B38030.raw	11/30/2005 22:34	
AR1248	551698	1103396		H:\TURBO6\5890-19\19B38032.raw	11/30/2005 23:10	
AR1254	938804	1877608		H:\TURBO6\5890-19\19B38034.raw	11/30/2005 23:46	

6B

PCB INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo

Instrument: HP5890-19 B Date(s) Analyzed:

Column: ZB-5 11/30/2005 to 11/30/2005

			INITIAL	WINDOW
COMPOUND	Retention Time	WINDOW (+/-)	From	To
AR1221-A	1.34	0.08	1.26	1.42
AR1221-B	1.83	0.08	1.75	1.91
AR1221-C	1.97	0.08	1.89	2.05
AR1232-A	2.56	0.08	2.48	2.64
AR1232-B	2.66	0.08	2.58	2.74
AR1232-C	3.01	0.08	2.93	3.09
AR1242-A	2.27	0.08	2.19	2.35
AR1242-B	2.56	0.08	2.48	2.64
AR1242-C	2.66	0.08	2.58	2.74
AR1248-A	3.01	0.08	2.93	3.09
AR1248-B	3.10	0.08	3.02	3.18
AR1248-C	3.46	0.08	3.38	3.54
AR1254-A	3.75	0.08	3.67	3.83
AR1254-B	3.88	0.08	3.80	3.96
AR1254-C	4.28	0.08	4.20	4.36

PCB INITIAL CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 A Date(s) Analyzed:

Column: ZB-35 12/01/2005 to 12/01/2005

	LEVEL (ng/ul) Area											
COMPOUND	0.025	0.05	0.1	0.25	0.5	1.0	2.5	Curve	R Squared	m_1	m_2	b
AR1016	71189	125471	233149	546199	959783	1711498	3663817	2nd	0.999554	2407792	-225685	73220
AR1260	73855	145778	272676	634433	1140584	2065937	4624023	2nd	0.999745	1905183	-148564	46524
COMPOUND	0.005	0.01	0.02	0.03	0.04	0.05						
TMX	105710	242567	369457	533486	691888	880071		2nd	0.995559	15877737	11499423	49766
DCBP	79670	174553	254817	361999	450764	542059		2nd	0.994776	12181175	-41769412	34426

Name	Level	File ID:
ICM66ML	0.025	H:\TURBO6\5890-19\19A38042.raw
ICM66MG	0.05	H:\TURBO6\5890-19\19A38041.raw
ICM66MF	0.10	H:\TURBO6\5890-19\19A38040.raw
ICM66ML	0.25	H:\TURBO6\5890-19\19A38039.raw
ICM66MK	0.5	H:\TURBO6\5890-19\19A38038.raw
ICM66MD	1.0	H:\TURBO6\5890-19\19A38037.raw
ICM66MI	2.5	H:\TURBO6\5890-19\19A38036.raw

Curve	Formula
1st Order	Area = Amt*m1 + b
2nd Order	Area = m1*Amt + m2((Amt)^2) + b

DEC 2 2005

FORM VIA PCB

6B

PCB INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 A Date(s) Analyzed:

Column: ZB-35 12/01/2005 to 12/01/2005

	LEVEL					INITIAL	WINDOW
COMPOUND	A	C	E	AVE RT	WINDOW (+/-)	From	To
TMX	1.90	1.90	1.90	1.90	0.08	1.82	1.98
AR1016-A	2.45	2.45	2.45	2.45	0.08	2.37	2.53
AR1016-B	2.58	2.58	2.58	2.58	0.08	2.50	2.66
AR1016-C	2.85	2.85	2.85	2.85	0.08	2.77	2.93
AR1260-A	4.98	4.98	4.98	4.98	0.08	4.90	5.06
AR1260-B	5.20	5.20	5.20	5.20	0.08	5.12	5.28
AR1260-C	5.64	5.65	5.65	5.65	0.08	5.57	5.73
DCBP	6.25	6.25	6.25	6.25	0.08	6.17	6.33

PCB SINGLE POINT CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo

Instrument: HP5890-19 A Date(s) Analyzed:

Column: ZB-35 11/30/2005 to 11/30/2005

	LEVEL (ng/ul)					
COMPOUND	0.5					
		Calibration Factor		File ID:	Date	Time
	Area					
AR1221	444338		888676	H:\TURBO6\5890-19\19A38026.raw	11/30/2005 21:22	
AR1232	605285		1210570	H:\TURBO6\5890-19\19A38028.raw	11/30/2005 21:58	
AR1242	1148376		2296752	H:\TURBO6\5890-19\19A38030.raw	11/30/2005 22:34	
AR1248	873312		1746624	H:\TURBO6\5890-19\19A38032.raw	11/30/2005 23:10	
AR1254	1699872		3399744	H:\TURBO6\5890-19\19A38034.raw	11/30/2005 23:46	

6B

PCB INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo

Instrument: HP5890-19 A Date(s) Analyzed:

Column: ZB-35 11/30/2005 to 11/30/2005

			INITIAL	WINDOW
COMPOUND	Retention Time	WINDOW (+/-)	From	To
AR1221-A	1.49	0.08	1.41	1.57
AR1221-B	2.03	0.08	1.95	2.11
AR1221-C	2.15	0.08	2.07	2.23
AR1232-A	2.58	0.08	2.50	2.66
AR1232-B	2.77	0.08	2.69	2.85
AR1232-C	3.27	0.08	3.19	3.35
AR1242-A	2.45	0.08	2.37	2.53
AR1242-B	2.58	0.08	2.50	2.66
AR1242-C	2.77	0.08	2.69	2.85
AR1248-A	3.18	0.08	3.10	3.26
AR1248-B	3.27	0.08	3.19	3.35
AR1248-C	3.34	0.08	3.26	3.42
AR1254-A	3.94	0.08	3.86	4.02
AR1254-B	4.12	0.08	4.04	4.20
AR1254-C	4.50	0.08	4.42	4.58

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 B ICAL Date(s) Analyzed:

Column: ZB-5 12/01/2005 to: 12/01/2005

CCV ID: ICM66MN Date/Time: 12/13/2005 18:52

FILE ID: H:\TURBO6\5890-19\19B39160.raw

		DAILY	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.60	1.52	1.68	0.0316	0.0300	5.3
AR1016	2.55	2.47	2.63	0.5470	0.500	9.4
AR1260	4.69	4.61	4.77	0.5310	0.500	6.2
DCBP	5.87	5.79	5.95	0.0315	0.0300	4.9

Ave %D = 6.5

* Value >15.0% Difference

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 A ICAL Date(s) Analyzed:

Column: ZB-35 12/01/2005 to: 12/01/2005

CCV ID: ICM66MN Date/Time: 12/13/2005 18:52

FILE ID: H:\TURBO6\5890-19\19A39160.raw

		DAILY	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.90	1.82	1.98	0.0308	0.0300	2.6
AR1016	2.45	2.37	2.53	0.5335	0.500	6.7
AR1260	4.98	4.90	5.06	0.5674	0.500	13.5
DCBP	6.25	6.17	6.33	0.0328	0.0300	9.4

Ave %D = 8.0

* Value >15.0% Difference

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 B ICAL Date(s) Analyzed:

Column: ZB-5 11/30/2005 to: 11/30/2005

CCV ID: ICM54UA Date/Time: 12/13/2005 22:27

FILE ID: H:\TURBO6\5890-19\19B39172.raw

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.60	1.52	1.68	0.0316	0.0300	5.3
AR1254	3.87	3.79	3.95	0.5375	0.500	7.5
DCBP	5.87	5.79	5.95	0.0302	0.0300	0.7

Ave %D = 4.5

* Value >15.0% Difference

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 A ICAL Date(s) Analyzed:

Column: ZB-35 11/30/2005 to: 11/30/2005

CCV ID: ICM54UA Date/Time: 12/13/2005 22:27

FILE ID: H:\TURBO6\5890-19\19A39172.raw

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.90	1.82	1.98	0.0287	0.0300	-4.5
AR1254	4.12	4.04	4.20	0.5529	0.500	10.6
DCBP	6.25	6.17	6.33	0.0310	0.0300	3.2

Ave %D = 6.1

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 B ICAL Date(s) Analyzed:

Column: ZB-5 12/01/2005 to: 12/01/2005

CCV ID: ICM66MN Date/Time: 12/14/2005 02:04

FILE ID: H:\TURBO6\5890-19\19B39184.raw

		DAILY	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.60	1.52	1.68	0.0312	0.0300	3.9
AR1016	2.55	2.47	2.63	0.5360	0.500	7.2
AR1260	4.70	4.62	4.78	0.5215	0.500	4.3
DCBP	5.87	5.79	5.95	0.0311	0.0300	3.8

Ave %D = 4.8

* Value >15.0% Difference

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 A ICAL Date(s) Analyzed:

Column: ZB-35 12/01/2005 to: 12/01/2005

CCV ID: ICM66MN Date/Time: 12/14/2005 02:04

FILE ID: H:\TURBO6\5890-19\19A39184.raw

		DAILY	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.90	1.82	1.98	0.0302	0.0300	0.7
AR1016	2.45	2.37	2.53	0.5220	0.500	4.4
AR1260	4.98	4.90	5.06	0.5666	0.500	13.3
DCBP	6.25	6.17	6.33	0.0323	0.0300	7.6

Ave %D = 6.5

* Value >15.0% Difference

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 B ICAL Date(s) Analyzed:

Column: ZB-5 11/30/2005 to: 11/30/2005

CCV ID: ICM54UA Date/Time: 12/14/2005 04:46

FILE ID: H:\TURBO6\5890-19\19B39193.raw

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.60	1.52	1.68	0.0317	0.0300	5.8
AR1254	3.87	3.79	3.95	0.5556	0.500	11.1
DCBP	5.87	5.79	5.95	0.0315	0.0300	5.1

Ave %D = 7.3

* Value >15.0% Difference

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 A ICAL Date(s) Analyzed:

Column: ZB-35 11/30/2005 to: 11/30/2005

CCV ID: ICM54UA Date/Time: 12/14/2005 04:46

FILE ID: H:\TURBO6\5890-19\19A39193.raw

		INITIAL WINDOW		Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.90	1.82	1.98	0.0288	0.0300	-4.1
AR1254	4.12	4.04	4.20	0.5761	0.500	15.2 *
DCBP	6.25	6.17	6.33	0.0327	0.0300	9.1

Ave %D = 9.5

* Value >15.0% Difference

TotalChrom Method File H:\TURBO6\5890-19\SA66(11-30-05).mth
Printed by : RudzG on: 12/01/2005 11:31:44
Created by : DelongG on: 12/01/2005 08:27:50
Edited by : RudzG on: 12/01/2005 11:31:38
Number of Times Edited : 10
Number of Times Calibrated : 303
Description: NEW 7 PT. 1016/1260 CURVE FOR INST #19 11/30/05

Global Sample Information
Default Sample Volume : 1.000 uL
Quantitation Units : ng
Void Time : 0.000 min
Correct amounts during calibration : Yes
Convert unknowns to concentration units : Yes
Reject outliers during calibration : No

An External Standard calibration will be used
Unknown peaks will be quantitated using a response factor of 1.000000e+06
First peak will be relative retention reference

Component Information
TMX
Component Type : Single Peak Component
Retention Time : 1.904 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

Processed by: GD 12/1/05
Reviewed by: gr DEC 1 2005

User Values
Label :
Value 1 : 0.030000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.020000
Value 6 : -1.000000
Value 7 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	105710.23	53599.27	————	————	1
B	0.0100	242566.54	124863.61	————	————	1
C	0.0200	369456.81	187987.73	————	————	1
D	0.0300	533485.50	270432.56	————	————	1
E	0.0400	691888.34	344107.64	————	————	1
F	0.0500	880071.17	422317.61	————	————	1

Calibration Curve : y = (49765.839661) + (15877736.991400)x + (11499422.840087)x^2 + (0.000000)x^3
R-squared : 0.995559

AR1016-A
Component Type : Single Peak Component
Retention Time : 2.447 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	58215.13	21098.67	————	————	1
b	0.1000	108150.71	39886.02	————	————	1
c	0.2500	232801.30	81224.91	————	————	1
d	0.5000	408660.84	145743.24	————	————	1
e	1.0000	724659.86	258279.40	————	————	1
f	2.5000	1544354.45	559497.91	————	————	1
H	0.0250	31229.54	11660.47	————	————	1

TotalChrom Method File H:\TURBO6\5890-19\SB66(11-30-05).mth
Printed by : RudzG on: 12/01/2005 11:42:50
Created by : DelongG on: 12/01/2005 08:29:11
Edited by : RudzG on: 12/01/2005 11:42:46
Number of Times Edited : 8
Number of Times Calibrated : 277
Description: NEW 7 PT 1016/1260 CURVE FOR INST #19 11/30/05

Global Sample Information
Default Sample Volume : 1.000 uL
Quantitation Units : ng
Void Time : 0.000 min
Correct amounts during calibration : Yes
Convert unknowns to concentration units : Yes
Reject outliers during calibration : No

An External Standard calibration will be used
Unknown peaks will be quantitated using a response factor of 1.000000e+06
First peak will be relative retention reference

Processed by: GRD 12/1/05
Reviewed by: JL DEC 1 2005

Component Information
TMX
Component Type : Single Peak Component
Retention Time : 1.598 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.030000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.020000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	46260.47	25553.28	————	————	1
B	0.0100	111256.39	62048.94	————	————	1
C	0.0200	169347.17	94115.07	————	————	1
D	0.0300	244238.07	135570.98	————	————	1
E	0.0400	310291.48	171830.23	————	————	1
F	0.0500	380472.62	209444.43	————	————	1

Calibration Curve : y = (15714.001586) + (8242370.452813)x + (-19906830.041698)x^2 + (0.000000)x^3
R-squared : 0.995422

AR1016-A
Component Type : Single Peak Component
Retention Time : 2.266 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	27690.82	12358.47	————	————	1
b	0.1000	53542.60	23586.07	————	————	1
c	0.2500	107523.30	47328.09	————	————	1
d	0.5000	194582.66	85467.53	————	————	1
e	1.0000	346574.14	152195.46	————	————	1
f	2.5000	718720.11	316198.78	————	————	1
H	0.0250	14716.67	6676.93	————	————	1

Calibration Curve : y = (11487.010071) + (377352.819272)x + (-37864.200375)x^2 + (0.000000)x^3
R-squared : 0.999692

12/01/2005 11:42:50 Method: H:\TURBO6\5890-19\SB66(11-30-05).mth

AR1016-B
Component Type : Single Peak Component
Retention Time : 2.556 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	49549.34	18965.73	----------	----------	1
b	0.1000	93068.18	37115.85	----------	----------	1
c	0.2500	188227.39	77432.50	----------	----------	1
d	0.5000	334652.12	141949.25	----------	----------	1
e	1.0000	610593.83	257558.22	----------	----------	1
f	2.5000	1293915.04	551782.48	----------	----------	1
H	0.0250	28561.73	10038.73	----------	----------	1

Calibration Curve : y = (21232.410711) + (651044.760188)x + (-56884.060491)x^2 + (0.000000)x^3
R-squared : 0.999808

AR1016
Component Type : Named Group
Group Members
AR1016-A
AR1016-B
AR1016-C
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.600000
Value 4 : 0.000000
Value 5 : 0.250000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	97710.01	39233.96	----------	----------	1
b	0.1000	186203.15	76113.20	----------	----------	1
c	0.2500	377254.09	156699.05	----------	----------	1
d	0.5000	679373.04	286424.23	----------	----------	1
e	1.0000	1230565.36	517311.65	----------	----------	1
f	2.5000	2595777.40	1.10e+06	----------	----------	1
H	0.0250	53733.08	20862.54	----------	----------	1

Calibration Curve : y = (39905.151016) + (1322813.557090)x + (-120408.536690)x^2 + (0.000000)x^3
R-squared : 0.999786

AR1016-C
Component Type : Single Peak Component
Retention Time : 2.663 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

12/01/2005 11:42:50 Method: H:\TURBO6\5890-19\SB66(11-30-05).mth

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	20469.85	7909.76	————	————	1
b	0.1000	39592.36	15411.28	————	————	1
c	0.2500	81503.40	31938.47	————	————	1
d	0.5000	150138.25	59007.45	————	————	1
e	1.0000	273397.39	107557.97	————	————	1
f	2.5000	583142.24	229815.73	————	————	1
H	0.0250	10454.69	4146.88	————	————	1

Calibration Curve : y = (7185.730234) + (294415.977630)x + (-25660.275824)x^2 + (0.000000)x^3
R-squared : 0.999821

AR1260-A
Component Type : Single Peak Component
Retention Time : 4.700 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	47092.01	18200.03	————	————	1
b	0.1000	97192.50	35739.80	————	————	1
c	0.2500	188995.11	72798.82	————	————	1
d	0.5000	348452.73	133503.69	————	————	1
e	1.0000	632532.39	243096.76	————	————	1
f	2.5000	1365538.01	529019.42	————	————	1
H	0.0250	25022.09	9782.53	————	————	1

Calibration Curve : y = (18896.799745) + (674820.372421)x + (-54587.299520)x^2 + (0.000000)x^3
R-squared : 0.999731

AR1260
Component Type : Named Group
Group Members
AR1260-A
AR1260-B
AR1260-C
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.600000
Value 4 : 0.000000
Value 5 : 0.250000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	102261.41	34556.52	————	————	1
b	0.1000	215885.47	68985.86	————	————	1
c	0.2500	415956.38	140670.24	————	————	1
d	0.5000	774096.41	258997.08	————	————	1
e	1.0000	1398655.58	470941.87	————	————	1
f	2.5000	2991828.12	1.02e+06	————	————	1
H	0.0250	53726.44	18399.73	————	————	1

Calibration Curve : y = (40017.164096) + (1503134.329075)x + (-129240.787181)x^2 + (0.000000)x^3
R-squared : 0.999705

12/01/2005 11:42:50 Method: H:\TURBO6\5890-19\SB66(11-30-05).mth

AR1260-B
Component Type : Single Peak Component
Retention Time : 5.005 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	42233.44	11479.31	————	————	1
b	0.1000	93741.41	23508.70	————	————	1
c	0.2500	176098.08	47550.62	————	————	1
d	0.5000	326538.70	87302.82	————	————	1
e	1.0000	588234.51	158835.51	————	————	1
f	2.5000	1254962.39	340293.78	————	————	1
H	0.0250	23023.59	6227.51	————	————	1

Calibration Curve : y = (17712.865746) + (632451.610138)x + (-55144.797869)x^2 + (0.000000)x^3
R-squared : 0.999627

AR1260-C
Component Type : Single Peak Component
Retention Time : 5.376 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	12935.96	4877.18	————	————	1
b	0.1000	24951.56	9737.36	————	————	1
c	0.2500	50863.19	20320.80	————	————	1
d	0.5000	99104.99	38190.57	————	————	1
e	1.0000	177888.68	69009.59	————	————	1
f	2.5000	371327.72	147729.25	————	————	1
H	0.0250	5680.76	2389.69	————	————	1

Calibration Curve : y = (3407.498606) + (195862.346515)x + (-19508.689792)x^2 + (0.000000)x^3
R-squared : 0.999787

DCBP
Component Type : Single Peak Component
Retention Time : 5.878 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

12/01/2005 11:42:50 Method: H:\TURBO6\5890-19\SB66(11-30-05).mth

User Values
Label :
Value 1 : 0.030000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.020000
Value 6 : 0.010000
Value 7 : 1.000000

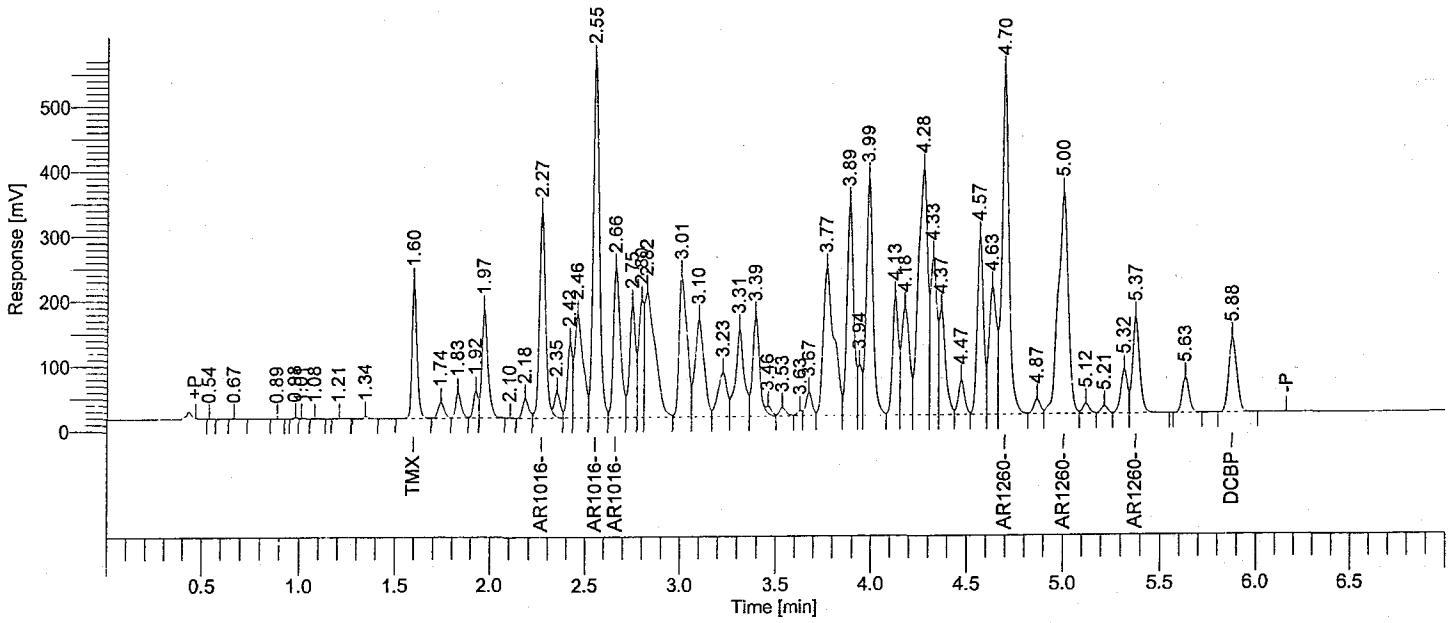
Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	48035.43	17050.81	----------	----------	1
B	0.0100	108272.77	37637.65	----------	----------	1
C	0.0200	158942.68	54954.64	----------	----------	1
D	0.0300	221681.50	75696.77	----------	----------	1
E	0.0400	278159.28	94970.68	----------	----------	1
F	0.0500	336100.37	114772.09	----------	----------	1

Calibration Curve : y = (21323.411282) + (7481200.018771)x + (-24675915.147963)x^2 + (0.000000)x^3
R-squared : 0.994175

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:31:26
Reprocess Number	: buf2042: 83334		
Operator	: tchrom	Sample Name	: ICM66MI
Sample Number	: 2.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 00:22:59	Cycle	: 11

Raw Data File : H:\TURBO6\5890-19\19B38036.raw <Modified>
Result File : H:\TURBO6\5890-19\19B38036.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B38036.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B38036.rst
Calib Method : h:\turbo6\5890-19\sb66(11-30-05).mth from H:\TURBO6\5890-19\19B38036.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
9	1.60	BV	380473	TMX	0.0500	-------	0
	2.55		2595777	AR1016	2.5000	0.8333	3
	4.70		2991828	AR1260	2.5000	0.8333	3
54	5.88	VB	336100	DCBP	0.0500	-------	0
			6304179			1.6667	

DEC 1 2005

12/01/2005 09:31:26 Result: H:\TURBO6\5890-19\19B38036.rst

Group Report For : AR1016

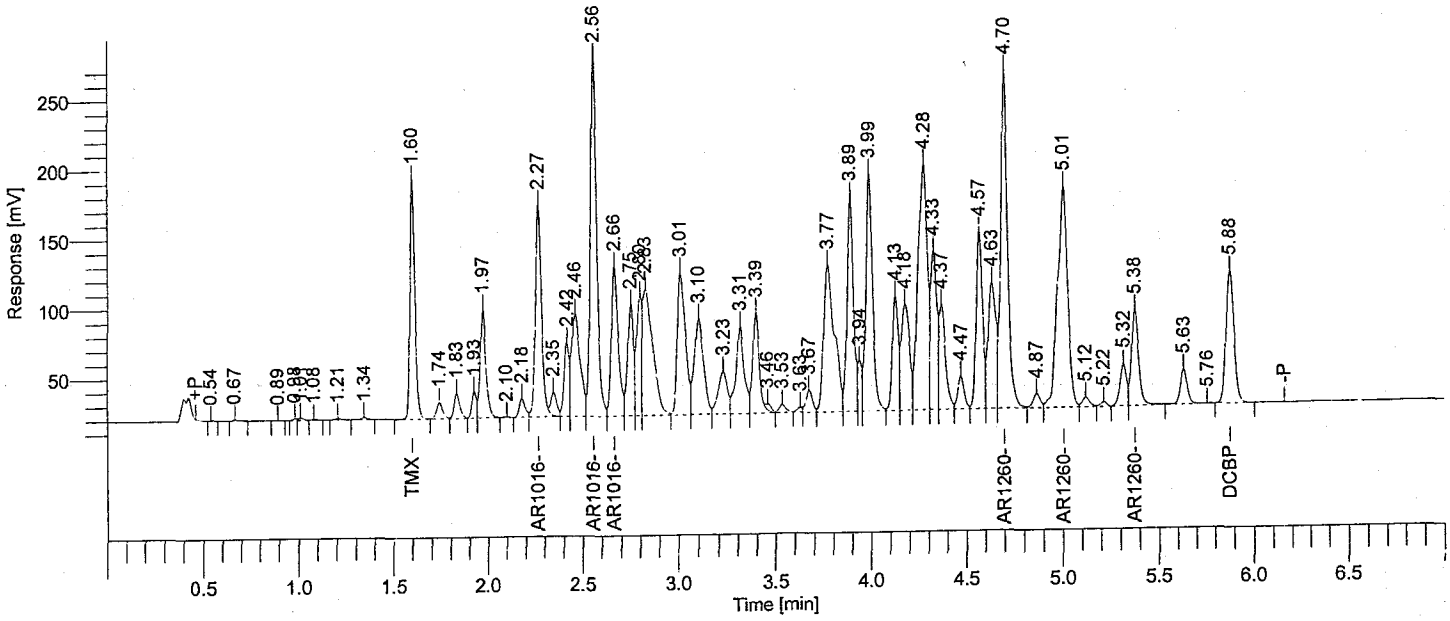
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
16	2.27	VE	718720	AR1016-A	2.5000	0.8333	3
20	2.55	VV	1293915	AR1016-B	2.5000	0.8333	3
21	2.66	VV	583142	AR1016-C	2.5000	0.8333	3
			2595777			2.5000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
46	4.70	VV	1365538	AR1260-A	2.5000	0.8333	3
48	5.00	VV	1254962	AR1260-B	2.5000	0.8333	3
52	5.37	VB	371328	AR1260-C	2.5000	0.8333	3
			2991828			2.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:31:33
Reprocess Number	: buf2042: 83336		
Operator	: tchrom	Sample Name	: ICM66MD
Sample Number	: 1.0NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 00:40:56	Cycle	: 12

Raw Data File : H:\TURBO6\5890-19\19B38037.raw <Modified>
Result File : H:\TURBO6\5890-19\19B38037.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B38037.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B38037.rst
Calib Method : h:\turbo6\5890-19\sb66(11-30-05).mth from H:\TURBO6\5890-19\19B38037.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
9	1.60	BV	310291	TMX	0.0400	-------	0
	2.56		1230565	AR1016	1.0000	0.3333	3
	4.70		1398656	AR1260	1.0000	0.3333	3
55	5.88	VB	278159	DCBP	0.0400	-------	0
			3217672			0.6667	

9 DEC 1 2005

12/01/2005 09:31:33 Result: H:\TURBO6\5890-19\19B38037.rst

Group Report For : AR1016

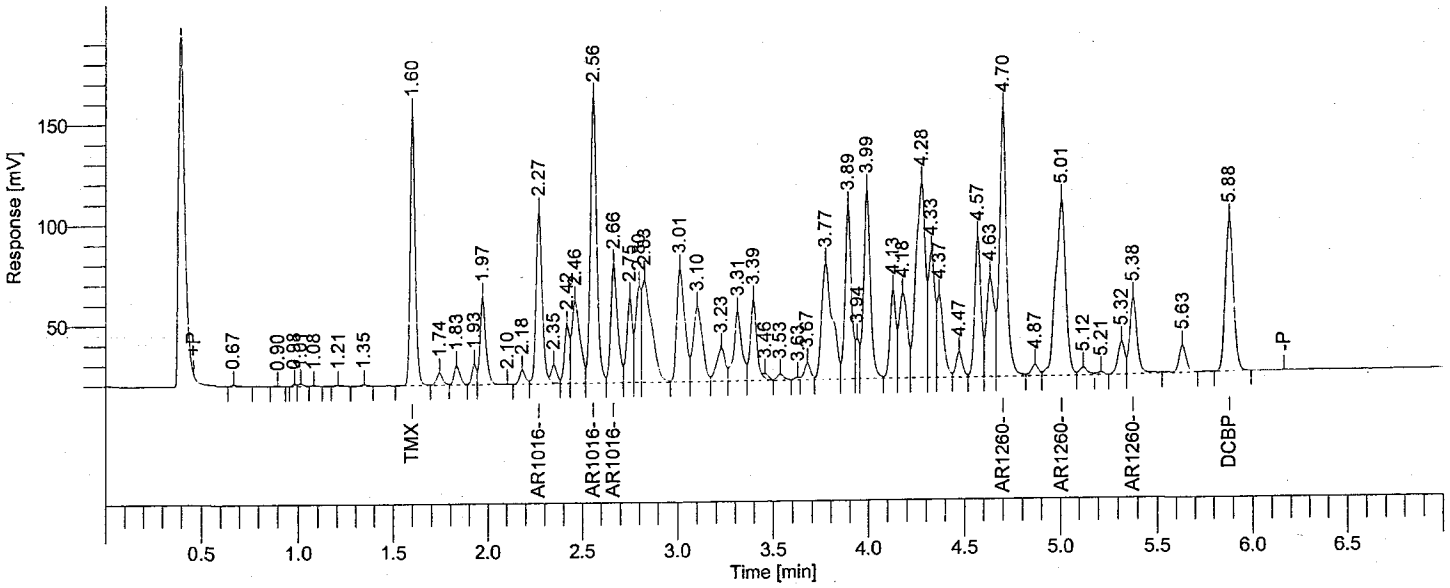
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
16	2.27	VE	346574	AR1016-A	1.0000	0.3333	3
20	2.56	VV	610594	AR1016-B	1.0000	0.3333	3
21	2.66	VV	273397	AR1016-C	1.0000	0.3333	3
			1230565			1.0000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
46	4.70	VV	632532	AR1260-A	1.0000	0.3333	3
48	5.01	VV	588235	AR1260-B	1.0000	0.3333	3
52	5.38	VV	177889	AR1260-C	1.0000	0.3333	3
			1398656			1.0000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:31:38
Reprocess Number	: buf2042: 83338		
Operator	: tchrom	Sample Name	: ICM66MK
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 00:58:55	Cycle	: 13

Raw Data File : H:\TURBO6\5890-19\19B38038.raw <Modified>
Result File : H:\TURBO6\5890-19\19B38038.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B38038.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B38038.rst
Calib Method : h:\turbo6\5890-19\sb66(11-30-05).mth from H:\TURBO6\5890-19\19B38038.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
8	1.60	BV	244238	TMX	0.0300	-------	0
	2.56		679373	AR1016	0.5000	0.1667	3
	4.70		774096	AR1260	0.5000	0.1667	3
53	5.88	VB	221682	DCBP	0.0300	-------	0
			1919389			0.3333	

DEC 1 2005

12/01/2005 09:31:38 Result: H:\TURBO6\5890-19\19B38038.rst

Group Report For : AR1016

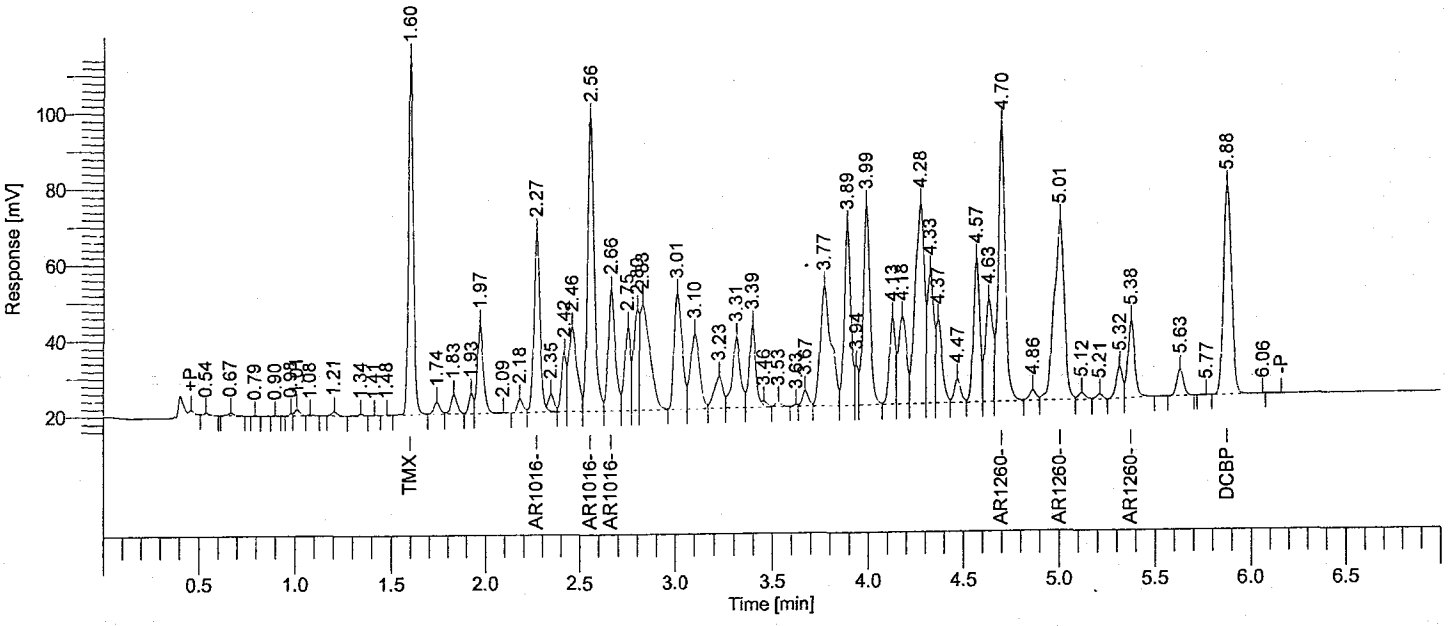
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
15	2.27	VE	194583	AR1016-A	0.5000	0.1667	3
19	2.56	VV	334652	AR1016-B	0.5000	0.1667	3
20	2.66	VV	150138	AR1016-C	0.5000	0.1667	3
			679373			0.5000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
45	4.70	VV	348453	AR1260-A	0.5000	0.1667	3
47	5.01	VV	326539	AR1260-B	0.5000	0.1667	3
51	5.38	VV	99105	AR1260-C	0.5000	0.1667	3
			774096			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:31:44
Reprocess Number	: buf2042: 83340		
Operator	: tchrom	Sample Name	: ICM66ML
Sample Number	: 0.25NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 01:16:51	Cycle	: 14

Raw Data File : H:\TURBO6\5890-19\19B38039.raw <Modified>
Result File : H:\TURBO6\5890-19\19B38039.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B38039.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B38039.rst
Calib Method : h:\turbo6\5890-19\sb66(11-30-05).mth from H:\TURBO6\5890-19\19B38039.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
12	1.60	VV	169347	TMX	0.0200	-------	0
	2.56		377254	AR1016	0.2500	0.0833	3
	4.70		415956	AR1260	0.2500	0.0833	3
58	5.88	VE	158943	DCBP	0.0200	-------	0
			1121500			0.1667	

DEC 1 20

12/01/2005 09:31:44 Result: H:\TURBO6\5890-19\19B38039.rst

Group Report For : AR1016

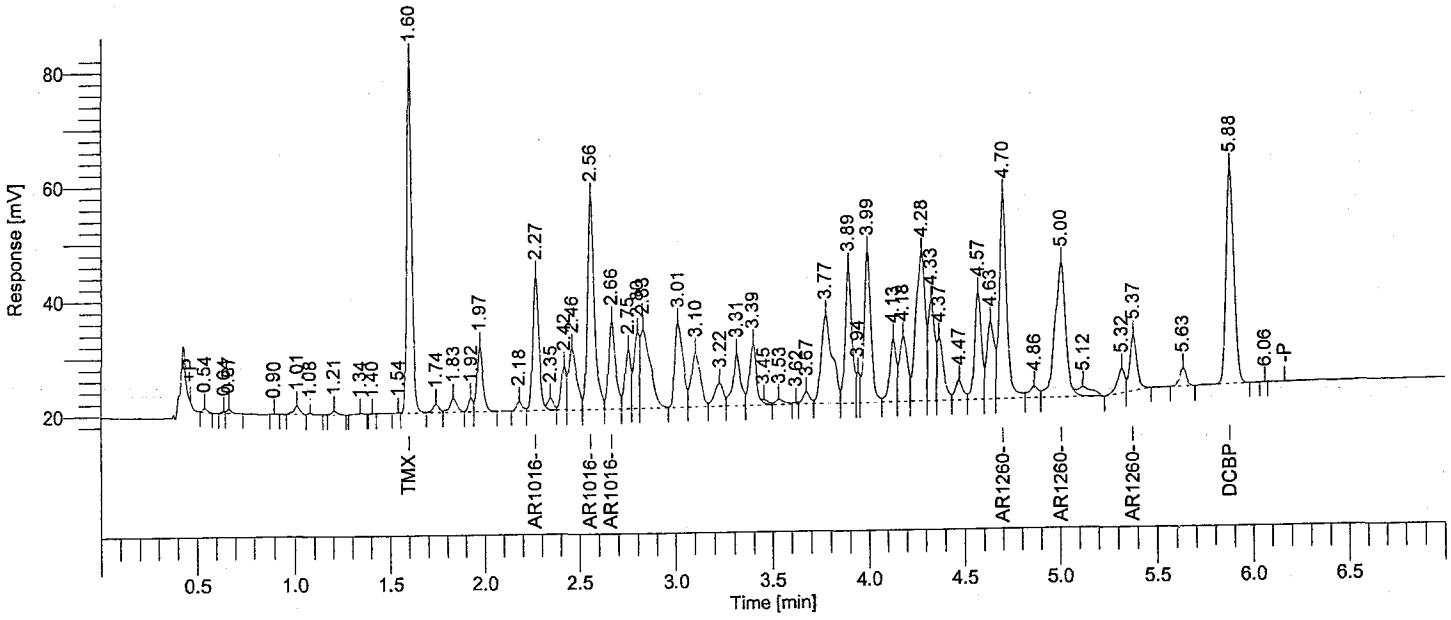
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
19	2.27	VE	107523	AR1016-A	0.2500	0.0833	3
23	2.56	VV	188227	AR1016-B	0.2500	0.0833	3
24	2.66	VV	81503	AR1016-C	0.2500	0.0833	3
			377254			0.2500	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
49	4.70	VV	188995	AR1260-A	0.2500	0.0833	3
51	5.01	VV	176098	AR1260-B	0.2500	0.0833	3
55	5.38	VB	50863	AR1260-C	0.2500	0.0833	3
			415956			0.2500	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:31:49
Reprocess Number	: buf2042: 83342		
Operator	: tchrom	Sample Name	: ICM66MF
Sample Number	: 0.1NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 01:34:51	Cycle	: 15

Raw Data File : H:\TURBO6\5890-19\19B38040.raw <Modified>
Result File : H:\TURBO6\5890-19\19B38040.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B38040.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B38040.rst
Calib Method : h:\turbo6\5890-19\sb66(11-30-05).mth from H:\TURBO6\5890-19\19B38040.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
11	1.60	VV	111256	TMX	0.0100	-------	0
	2.56		186203	AR1016	0.1000	0.0333	3
	4.70		215885	AR1260	0.1000	0.0333	3
54	5.88	BB	108273	DCBP	0.0100	-------	0
			621618			0.0667	

DEC 1 2005

12/01/2005 09:31:49 Result: H:\TURBO6\5890-19\19B38040.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
17	2.27	VE	53543	AR1016-A	0.1000	0.0333	3
21	2.56	VV	93068	AR1016-B	0.1000	0.0333	3
22	2.66	VV	39592	AR1016-C	0.1000	0.0333	3
			186203			0.1000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
47	4.70	VV	97192	AR1260-A	0.1000	0.0333	3
49	5.00	VE	93741	AR1260-B	0.1000	0.0333	3
52	5.37	VB	24952	AR1260-C	0.1000	0.0333	3
			215885			0.1000	

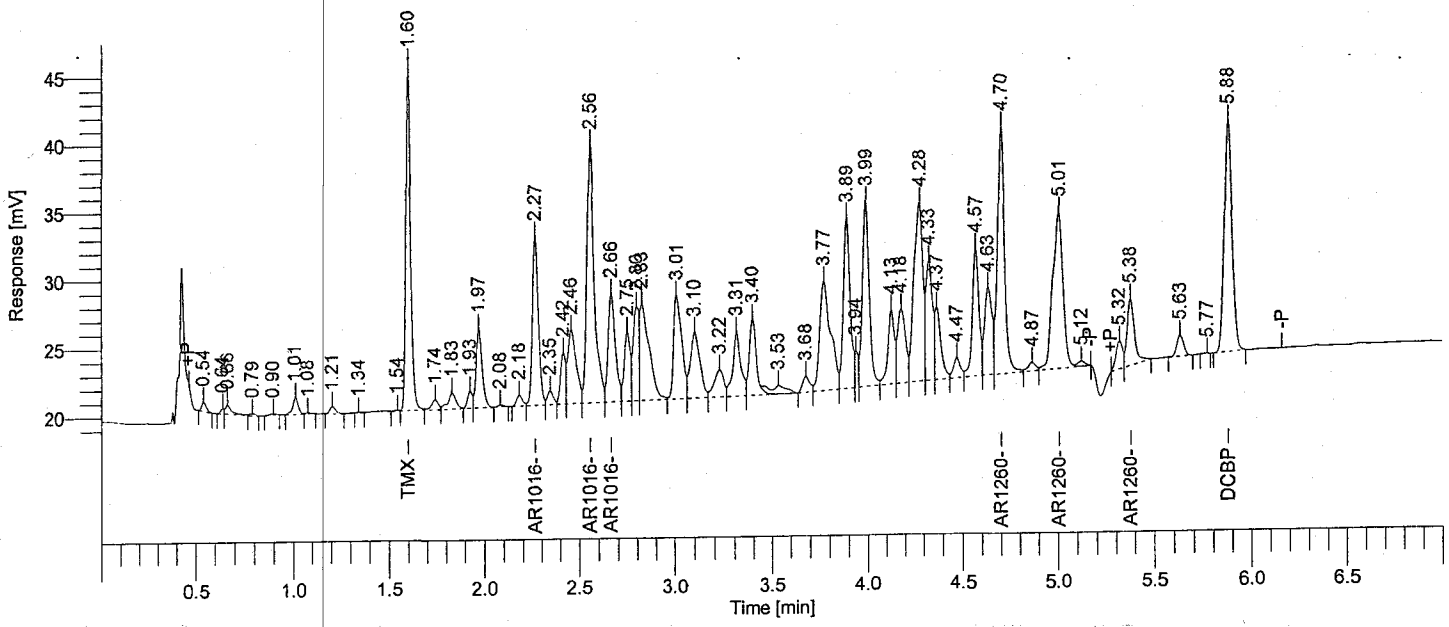
Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2044: 228
Operator : tchrom
Sample Number : 0.05NG
AutoSampler : NONE
Instrument Name : HP5890-19
Interface Serial # : 4251271896
Delay Time : 0.00 min
Sampling Rate : 16.6660 pts/s
Sample Volume : 1.000000 uL
Sample Amount : 1.0000
Data Acquisition Time : 12/01/2005 01:52:59

Date : 12/01/2005 11:41:47

Sample Name : ICM66MG
Study : ICAL
Rack/Vial : 0/0
Channel : B
A/D mV Range : 1000
End Time : 7.00 min

Area Reject : 5000.000000
Dilution Factor : 1.00
Cycle : 16

Raw Data File : H:\TURBO6\5890-19\19B38041.raw <Modified>
Result File : H:\TURBO6\5890-19\19b38041.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B38041.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19b38041.rst
Calib Method : h:\turbo6\5890-19\sb66(11-30-05).mth from H:\TURBO6\5890-19\19b38041.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
11	1.60	VV	46260	TMX	0.0050	——	0
	2.56		97710	AR1016	0.0500	0.0167	3
	4.70		102261	AR1260	0.0500	0.0167	3
54	5.88	BB	48035	DCBP	0.0050	——	0
			294267			0.0333	

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
18	2.27	VV	27691	AR1016-A	0.0500	0.0167	3
22	2.56	VV	49549	AR1016-B	0.0500	0.0167	3
23	2.66	VV	20470	AR1016-C	0.0500	0.0167	3
			97710			0.0500	

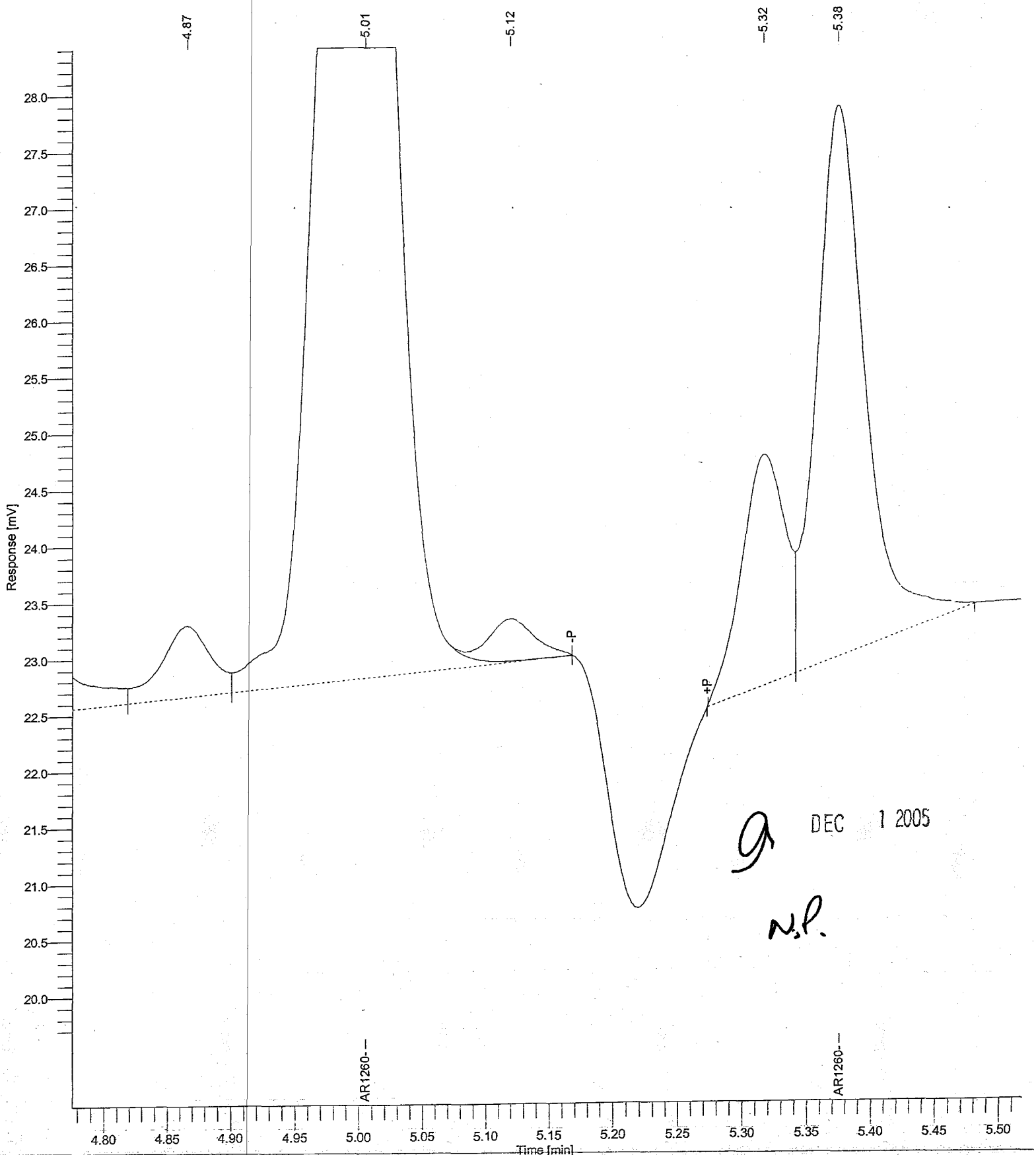
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
46	4.70	VV	47092	AR1260-A	0.0500	0.0167	3
48	5.01	VE	42233	AR1260-B	0.0500	0.0167	3
51	5.38	VB	12936	AR1260-C	0.0500	0.0167	3
			102261			0.0500	

DEC 1 2005

Chromatogram

Sample Name : ICM66MG
Sample #: 0.05NG
Page 1 of 1
FileName : H:\TURBO6\5890-19\19B38041.raw
Date : 12/01/2005 11:40:26
Method :
Time of Injection: 12/01/2005 01:52:59
Start Time : 4.78 min
End Time : 5.52 min
Low Point : 19.62 mV
High Point : 28.41 mV
Plot Offset: 19.62 mV
Plot Scale: 8.8 mV



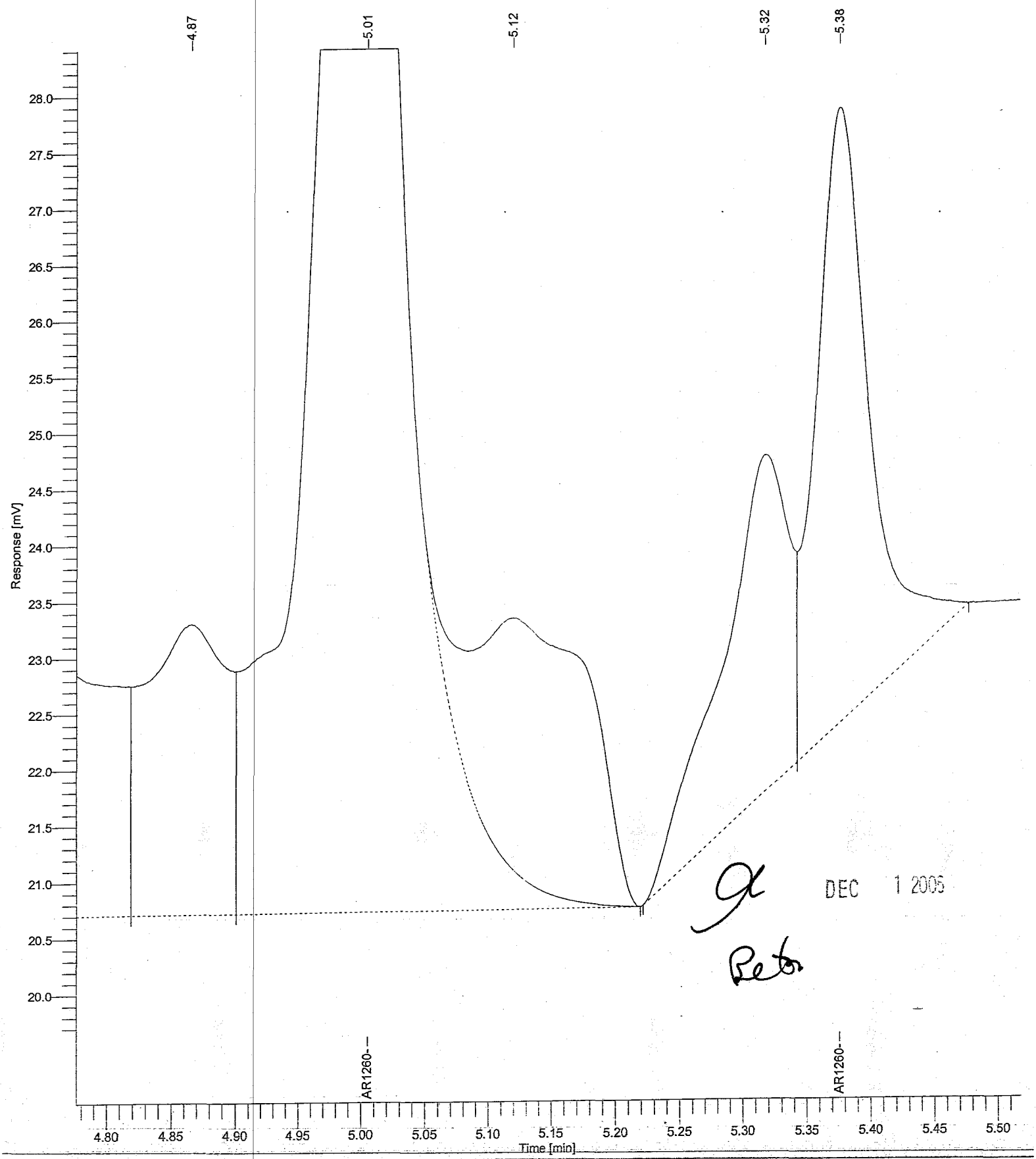
DEC 1 2005

N.P.

Chromatogram

Sample Name : ICM66MG
FileName : H:\TURBO6\5890-19\19B38041.raw
Date : 12/01/2005 11:39:57
Method :
Start Time : 4.78 min
Plot Offset: 19.62 mV

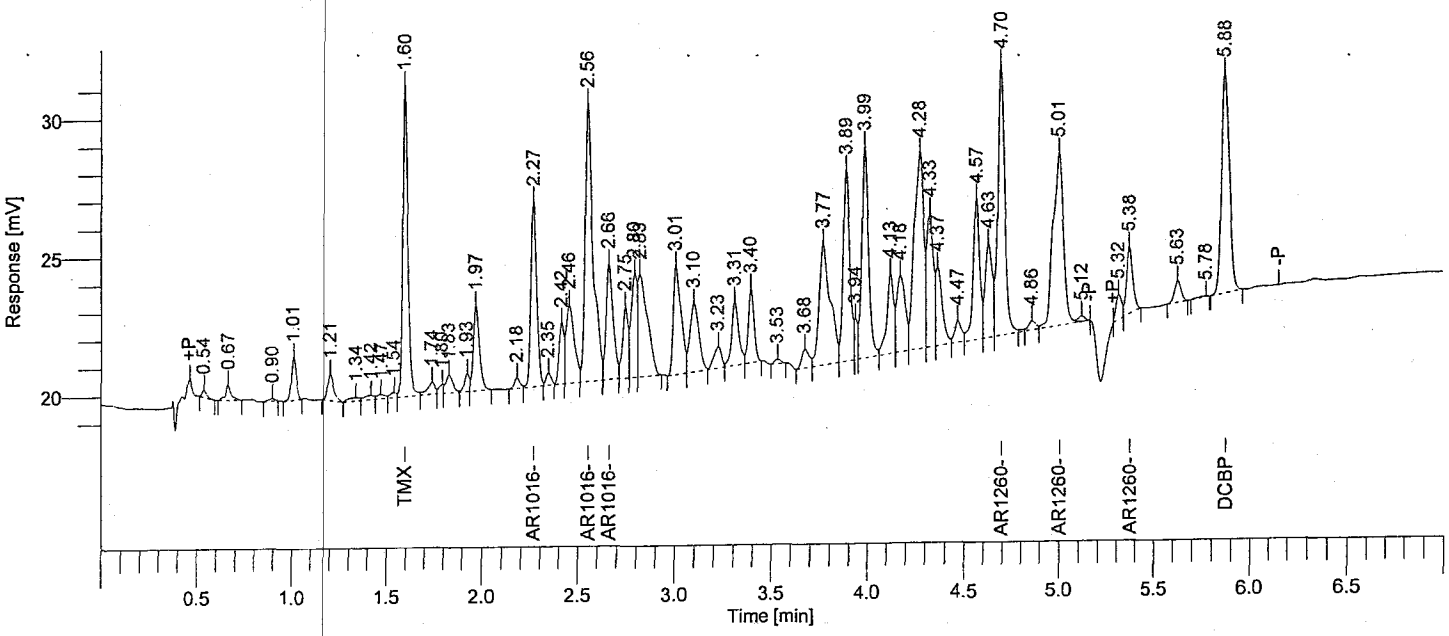
Sample #: 0.05NG
Page 1 of 1
Time of Injection: 12/01/2005 01:52:59
End Time : 5.52 min
Plot Scale: 8.8 mV
Low Point : 19.62 mV
High Point : 28.41 mV



DEC 1 2005

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 11:41:49
Reprocess Number	: buf2044: 229		
Operator	: tchrom	Sample Name	: ICM66ML
Sample Number	: 0.025NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 02:11:09	Cycle	: 17

Raw Data File : H:\TURBO6\5890-19\19B38042.raw <Modified>
Result File : H:\TURBO6\5890-19\19b38042.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B38042.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19b38042.rst
Calib Method : h:\turbo6\5890-19\sb66(11-30-05).mth from H:\TURBO6\5890-19\19b38042.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
10	1.60	VV	20906	TMX	0.0030	——	0
	2.56		53733	AR1016	0.0250	0.0083	3
	4.70		53726	AR1260	0.0250	0.0083	3
53	5.88	BB	22309	DCBP	0.0029	——	0
			150675			0.0167	

DEC 1 2005

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
17	2.27	VV	14717	AR1016-A	0.0250	0.0083	3
21	2.56	VV	28562	AR1016-B	0.0250	0.0083	3
22	2.66	VV	10455	AR1016-C	0.0250	0.0083	3
			53733			0.0250	

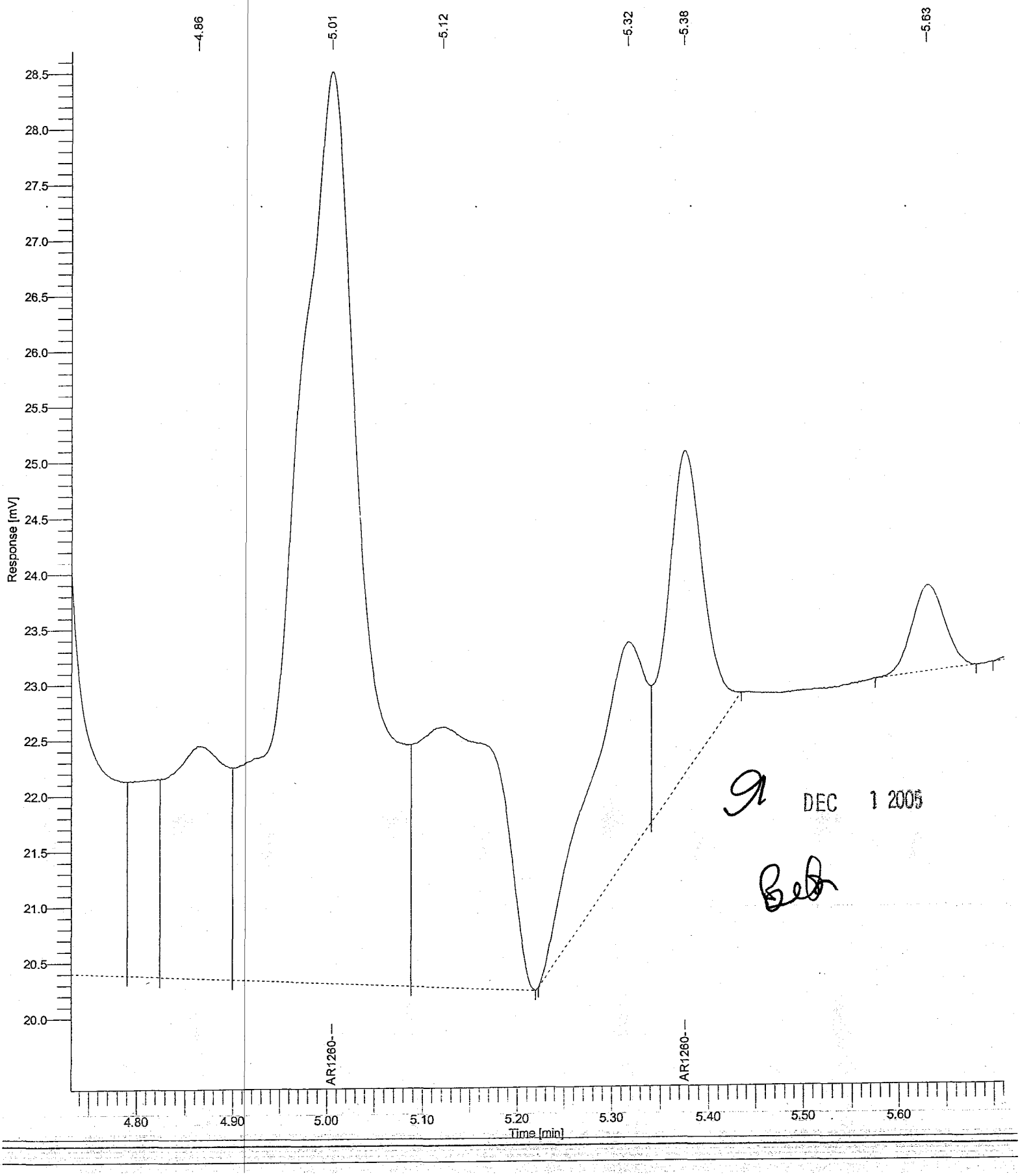
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
45	4.70	VV	25022	AR1260-A	0.0250	0.0083	3
47	5.01	VE	23024	AR1260-B	0.0250	0.0083	3
50	5.38	VB	5681	AR1260-C	0.0250	0.0083	3
			53726			0.0250	

Chromatogram

Sample Name : ICM66ML
FileName : H:\TURBO6\5890-19\19B38042.raw
Date : 12/01/2005 11:39:32
Method :
Start Time : 4.73 min
Plot Offset: 19.94 mV

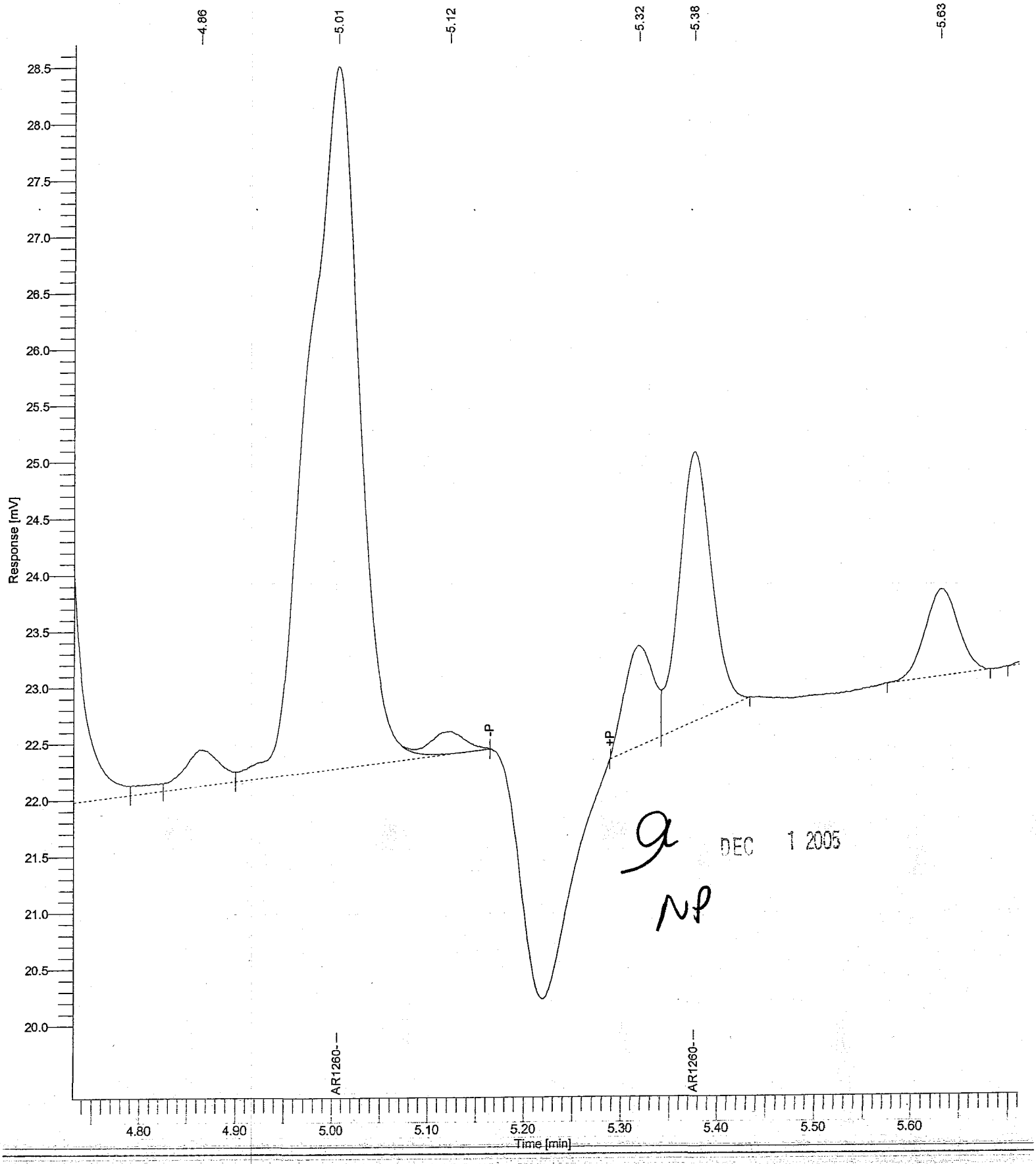
Sample #: 0.025NG
Page 1 of 1
Time of Injection: 12/01/2005 02:11:09
End Time : 5.71 min
Plot Scale: 8.8 mV
Low Point : 19.94 mV
High Point : 28.70 mV



DEC 1 2005

Chromatogram

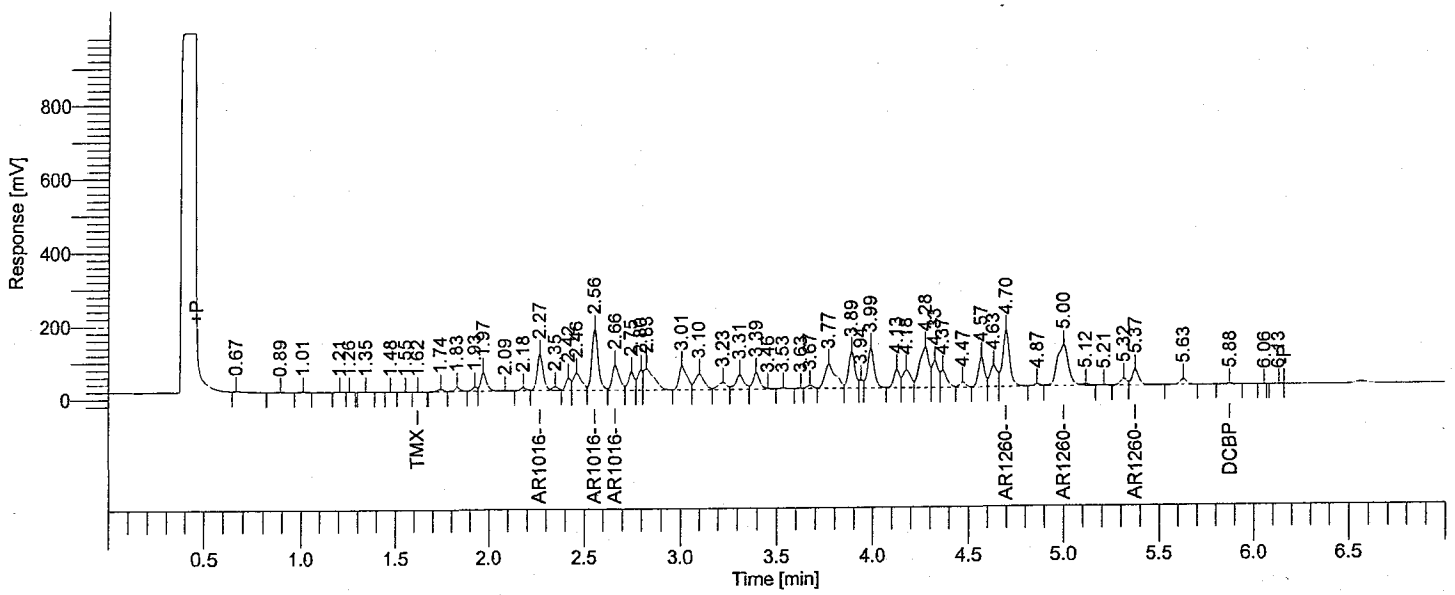
Sample Name : ICM66ML Sample #: 0.025NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19B38042.raw
Date : 12/01/2005 11:39:18
Method :
Time of Injection: 12/01/2005 02:11:09
Start Time : 4.73 min End Time : 5.71 min Low Point : 19.94 mV High Point : 28.70 mV
Plot Offset: 19.94 mV Plot Scale: 8.8 mV



DEC 1 2005

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:45:54
Reprocess Number	: buf2042: 83347		
Operator	: tchrom	Sample Name	: ACM66EB
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 02:29:05	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19B38043.raw <Modified>
Result File : H:\TURBO6\5890-19\19B38043.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B38043.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B38043.rst
Calib Method : h:\turbo6\5890-19\sb66(11-30-05).mth from H:\TURBO6\5890-19\19B38043.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.56		798538	AR1016	0.5960	1.3399e+06	1.5971e+06	-0.7
4.70		969646	AR1260	0.6526	1.4858e+06	1.9393e+06	8.8
		1768184		1.2486		3.5364e+06	

DEC 1 2005

12/01/2005 09:45:54 Result: H:\TURBO6\5890-19\19B38043.rst

Group Report For : AR1016

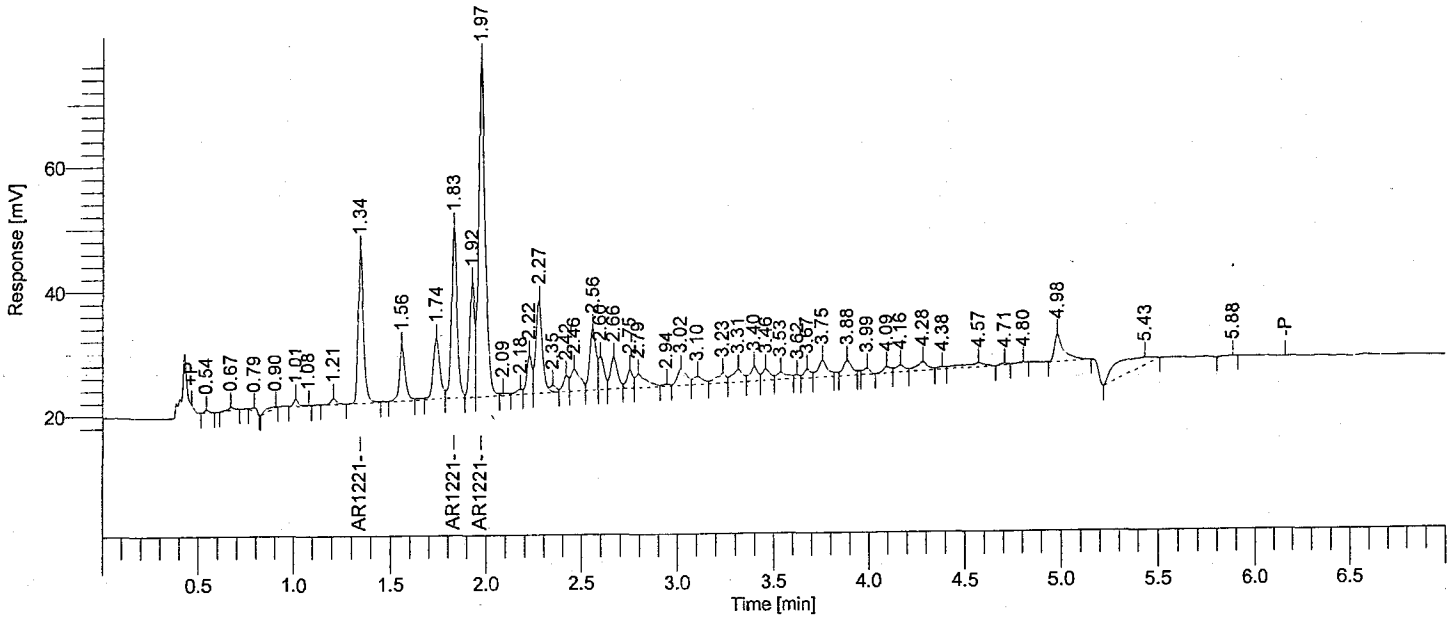
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.27	VE	225289	AR1016-A	0.6030	3.7363e+05	4.5058e+05	0.5
2.56	VV	394581	AR1016-B	0.6054	6.5174e+05	7.8916e+05	0.9
2.66	VV	178667	AR1016-C	0.6154	2.9034e+05	3.5733e+05	2.6
		798538		1.8238		1.5971e+06	

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
4.70	VV	399889	AR1260-A	0.5924	6.7506e+05	7.9978e+05	-1.3
5.00	VE	458653	AR1260-B	0.7495	6.1191e+05	9.1731e+05	24.9
5.37	VV	111104	AR1260-C	0.5833	1.9049e+05	2.2221e+05	-2.8
		969646		1.9252		1.9393e+06	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:30:21
Reprocess Number	: buf2042: 83314		
Operator	: tchrom	Sample Name	: ICM21RA
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 21:22:38	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19B38026.raw <Modified>
Result File : H:\TURBO6\5890-19\19B38026.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B38026.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B38026.rst
Calib Method : h:\turbo6\5890-19\sb21(11-30-05).mth from H:\TURBO6\5890-19\19B38026.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	1.97		229569	AR1221	0.5000	0.1667	3
			229569			0.1667	

Processed by: GKO 12/1/05
Reviewed by: DEC 1 2005

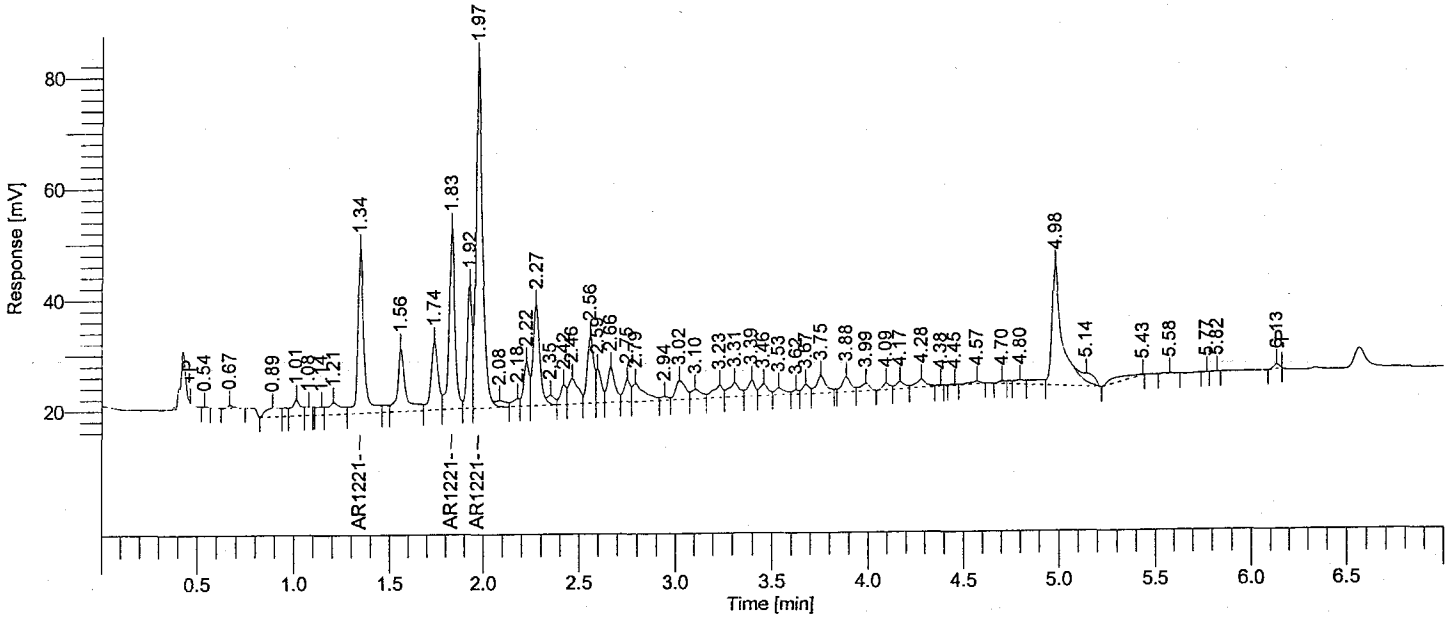
12/01/2005 09:30:21 Result: H:\TURBO6\5890-19\19B38026.rst

Group Report For : AR1221

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
8	1.34	BV	47254	AR1221-A	0.5000	0.1667	3
11	1.83	VV	54903	AR1221-B	0.5000	0.1667	3
13	1.97	VV	127413	AR1221-C	0.5000	0.1667	3
			229569			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:30:28
Reprocess Number	: buf2042: 83316		
Operator	: tchrom	Sample Name	: ACM21PA
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 21:40:35	Cycle	: 2

Raw Data File : H:\TURBO6\5890-19\19B38027.raw <Modified>
Result File : H:\TURBO6\5890-19\19B38027.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B38027.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B38027.rst
Calib Method : h:\turbo6\5890-19\sb21(11-30-05).mth from H:\TURBO6\5890-19\19B38027.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.97		289756	AR1221	0.6311	4.5914e+05	5.7951e+05	5.2
		289756		0.6311		5.7951e+05	

DEC 1 2005

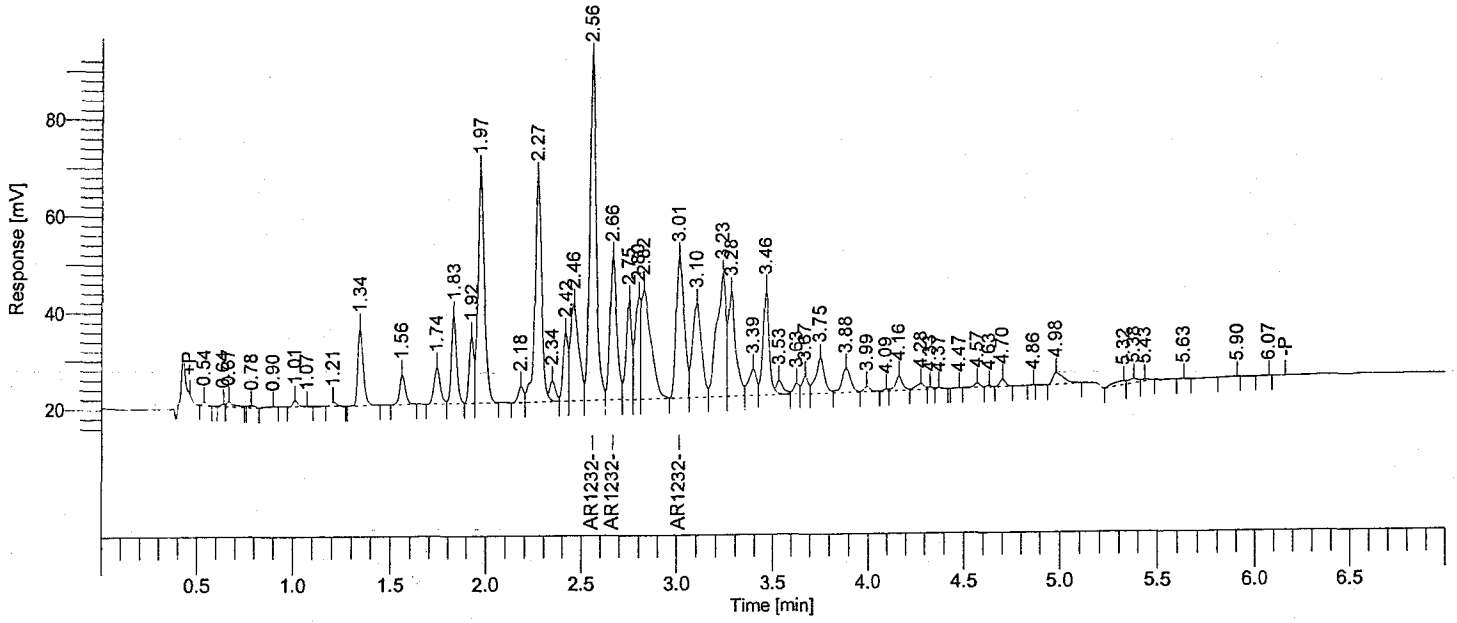
12/01/2005 09:30:28 Result: H:\TURBO6\5890-19\19B38027.rst

Group Report For : AR1221

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.34	VV	67585	AR1221-A	0.7151	94507.1913	1.3517e+05	19.2
1.83	VV	70263	AR1221-B	0.6399	1.0981e+05	1.4053e+05	6.6
1.97	VE	151909	AR1221-C	0.5961	2.5483e+05	3.0382e+05	-0.6
		289756		1.9511		5.7951e+05	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:30:36
Reprocess Number	: buf2042: 83318		
Operator	: tchrom	Sample Name	: ICM32GA
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 21:58:34	Cycle	: 3

Raw Data File : H:\TURBO6\5890-19\19B38028.raw <Modified>
Result File : H:\TURBO6\5890-19\19B38028.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B38028.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B38028.rst
Calib Method : h:\turbo6\5890-19\sb32(11-30-05).mth from H:\TURBO6\5890-19\19B38028.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	2.56		327514	AR1232	0.5000	0.1667	3
			327514			0.1667	

Processed by: GMD 12/1/05
Reviewed by: DEC 1 2005

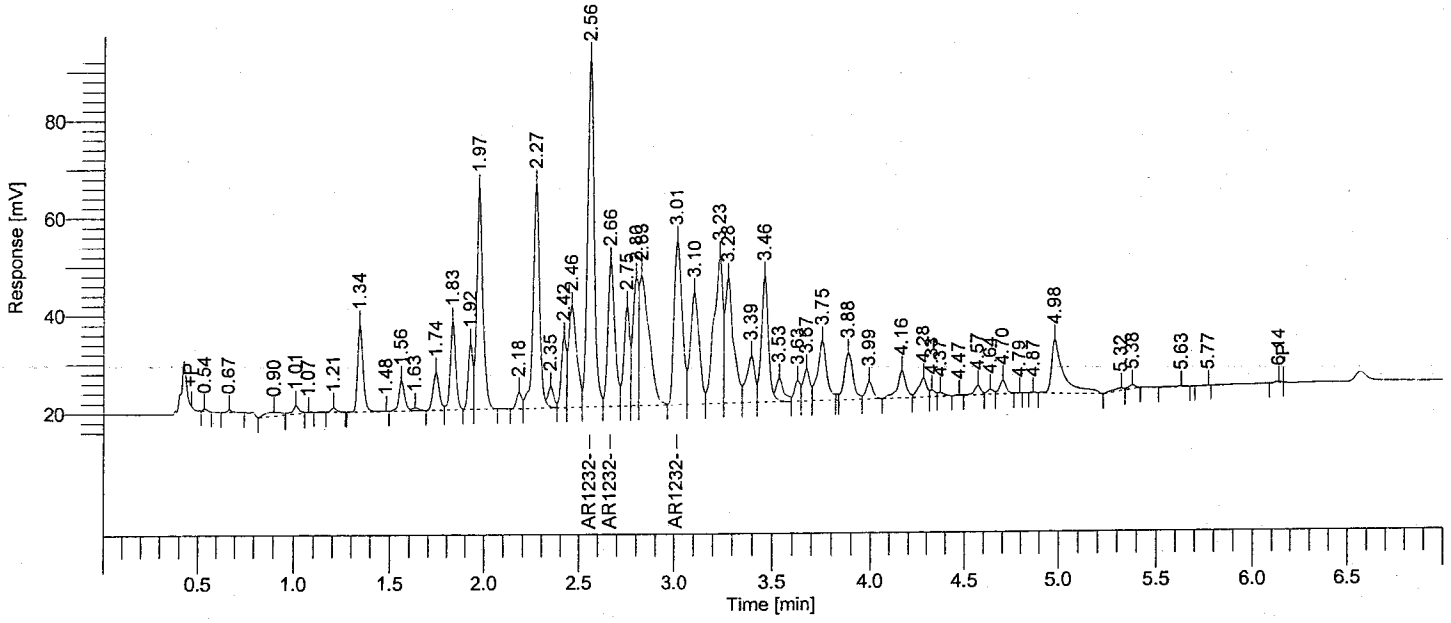
12/01/2005 09:30:36 Result: H:\TURBO6\5890-19\19B38028.rst

Group Report For : AR1232

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
20	2.56	VV	168983	AR1232-A	0.5000	0.1667	3
21	2.66	VV	73576	AR1232-B	0.5000	0.1667	3
25	3.01	VV	84954	AR1232-C	0.5000	0.1667	3
			327514			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:30:43
Reprocess Number	: buf2042: 83320		
Operator	: tchrom	Sample Name	: ACM32BB
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 22:16:51	Cycle	: 4

Raw Data File : H:\TURBO6\5890-19\19B38029.raw <Modified>
Result File : H:\TURBO6\5890-19\19B38029.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B38029.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B38029.rst
Calib Method : h:\turbo6\5890-19\sb32(11-30-05).mth from H:\TURBO6\5890-19\19B38029.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.56		343746	AR1232	0.5248	6.5503e+05	6.8749e+05	-12.5
		343746		0.5248		6.8749e+05	

DEC 1 2005

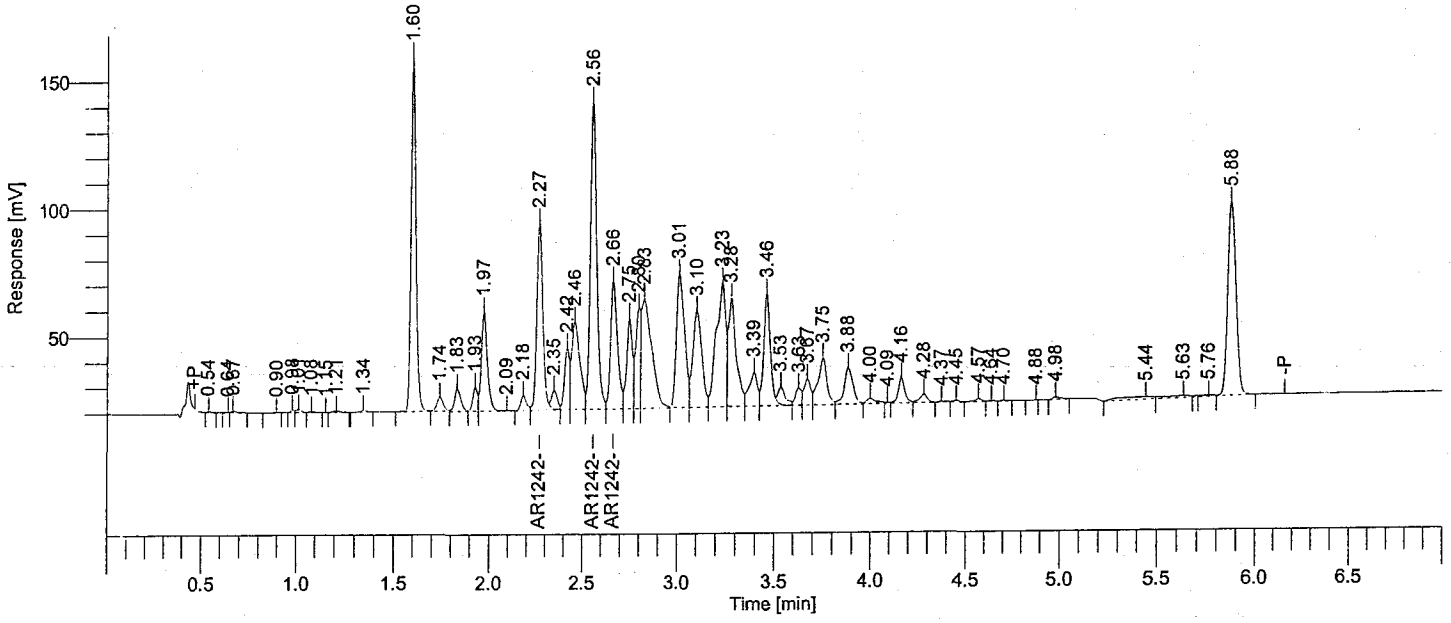
12/01/2005 09:30:43 Result: H:\TURBO6\5890-19\19B38029.rst

Group Report For : AR1232

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.56	VV	170867	AR1232-A	0.5056	3.3797e+05	3.4173e+05	-15.7
2.66	VV	75348	AR1232-B	0.5120	1.4715e+05	1.5070e+05	-14.7
3.01	VV	97531	AR1232-C	0.5740	1.6991e+05	1.9506e+05	-4.3
		343746		1.5916		6.8749e+05	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:30:50
Reprocess Number	: buf2042: 83322		
Operator	: tchrom	Sample Name	: ICM42SA
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 22:34:50	Cycle	: 5

Raw Data File : H:\TURBO6\5890-19\19B38030.raw <Modified>
Result File : H:\TURBO6\5890-19\19B38030.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B38030.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B38030.rst
Calib Method : h:\turbo6\5890-19\sb42(11-30-05).mth from H:\TURBO6\5890-19\19B38030.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	2.56		577621	AR1242	0.5000	0.1667	3
			577621			0.1667	

Processed by: GD 12/1/05
Reviewed by: DEC 1 2005

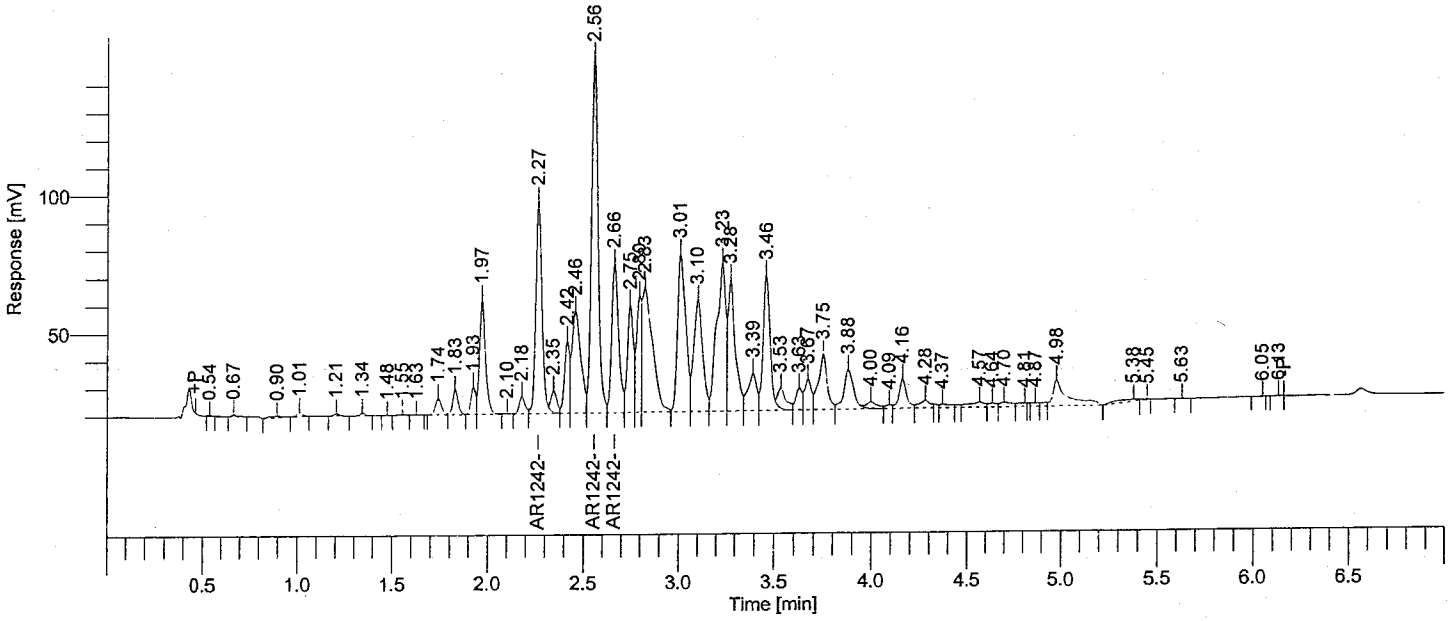
12/01/2005 09:30:50 Result: H:\TURBO6\5890-19\19B38030.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
18	2.27	VE	166051	AR1242-A	0.5000	0.1667	3
22	2.56	VV	285225	AR1242-B	0.5000	0.1667	3
23	2.66	VV	126346	AR1242-C	0.5000	0.1667	3
			577621			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:30:56
Reprocess Number	: buf2042: 83324		
Operator	: tchrom	Sample Name	: ACM42OA
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 22:52:57	Cycle	: 6

Raw Data File : H:\TURBO6\5890-19\19B38031.raw <Modified>
Result File : H:\TURBO6\5890-19\19B38031.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B38031.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B38031.rst
Calib Method : h:\turbo6\5890-19\sb42(11-30-05).mth from H:\TURBO6\5890-19\19B38031.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.56		618162	AR1242	0.5351	1.1552e+06	1.2363e+06	-10.8
		618162		0.5351		1.2363e+06	

DEC 1 2005

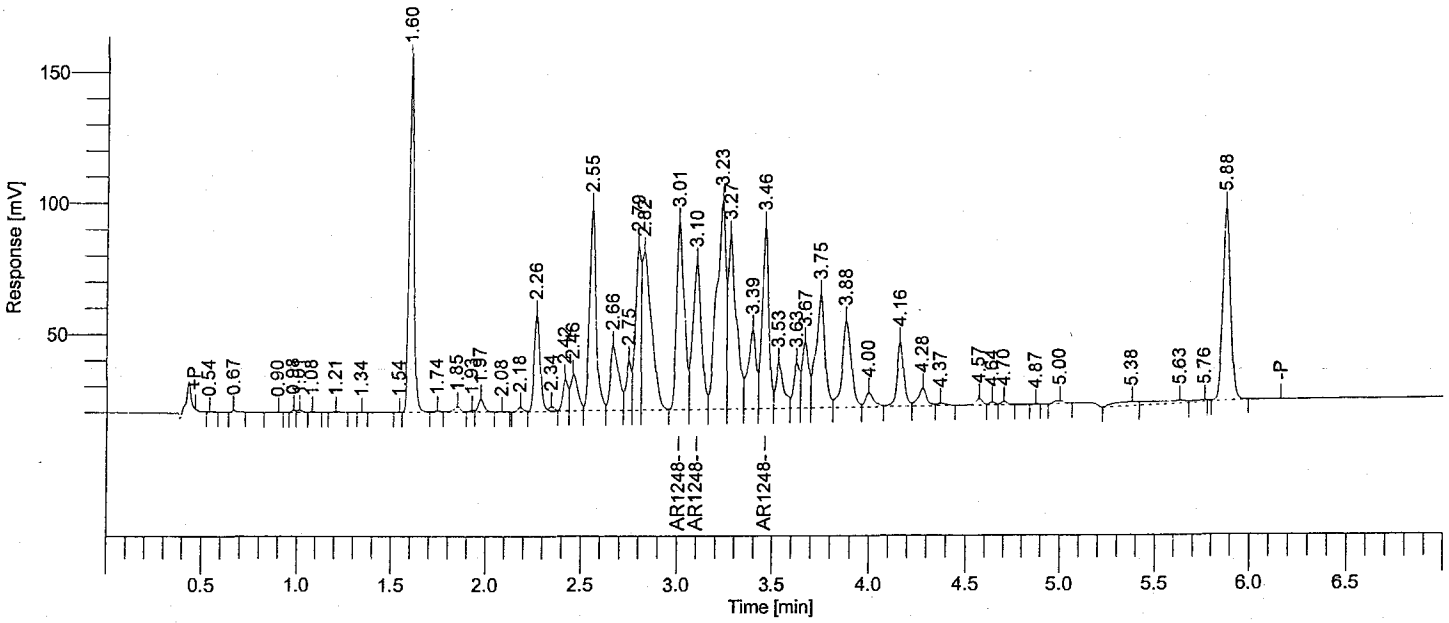
12/01/2005 09:30:56 Result: H:\TURBO6\5890-19\19B38031.rst

Group Report For : AR1242

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.27	VE	175205	AR1242-A	0.5276	3.3210e+05	3.5041e+05	-12.1
2.56	VV	306125	AR1242-B	0.5366	5.7045e+05	6.1225e+05	-10.6
2.66	VV	136831	AR1242-C	0.5415	2.5269e+05	2.7366e+05	-9.8
		618162		1.6057		1.2363e+06	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:31:03
Reprocess Number	: buf2042: 83326		
Operator	: tchrom	Sample Name	: ICM48RA
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 23:10:57	Cycle	: 7

Raw Data File : H:\TURBO6\5890-19\19B38032.raw <Modified>
Result File : H:\TURBO6\5890-19\19B38032.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B38032.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B38032.rst
Calib Method : h:\turbo6\5890-19\sb48(11-30-05).mth from H:\TURBO6\5890-19\19B38032.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	3.01		551698	AR1248	0.5000	0.1667	3
			551698			0.1667	

Processed by: GM 12/1/05
Reviewed by: DEC 1 2005

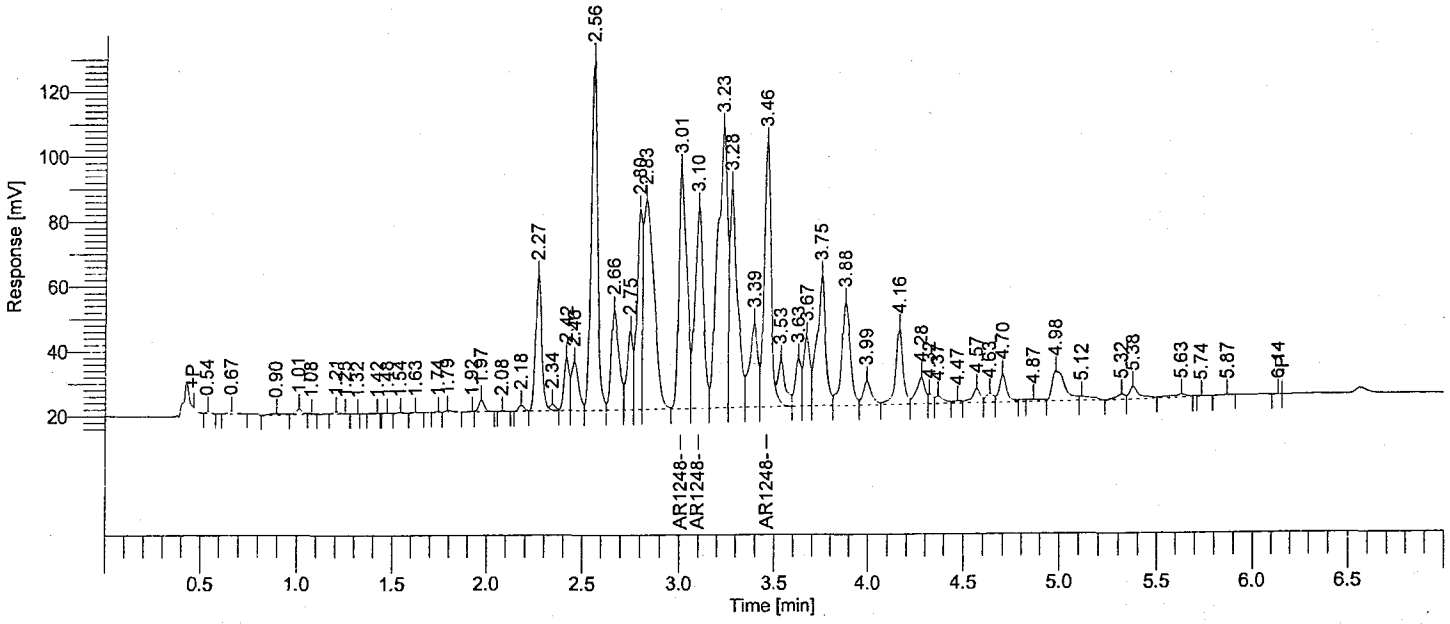
12/01/2005 09:31:03 Result: H:\TURBO6\5890-19\19B38032.rst

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
26	3.01	VV	203748	AR1248-A	0.5000	0.1667	3
27	3.10	VV	172769	AR1248-B	0.5000	0.1667	3
31	3.46	VV	175182	AR1248-C	0.5000	0.1667	3
			551698			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:31:09
Reprocess Number	: buf2042: 83328		
Operator	: tchrom	Sample Name	: ACM48MA
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 23:28:54	Cycle	: 8

Raw Data File : H:\TURBO6\5890-19\19B38033.raw <Modified>
Result File : H:\TURBO6\5890-19\19B38033.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B38033.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B38033.rst
Calib Method : h:\turbo6\5890-19\sb48(11-30-05).mth from H:\TURBO6\5890-19\19B38033.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.46		616330	AR1248	0.5586	1.1034e+06	1.2327e+06	-6.9
		616330		0.5586		1.2327e+06	

DEC 1 2005

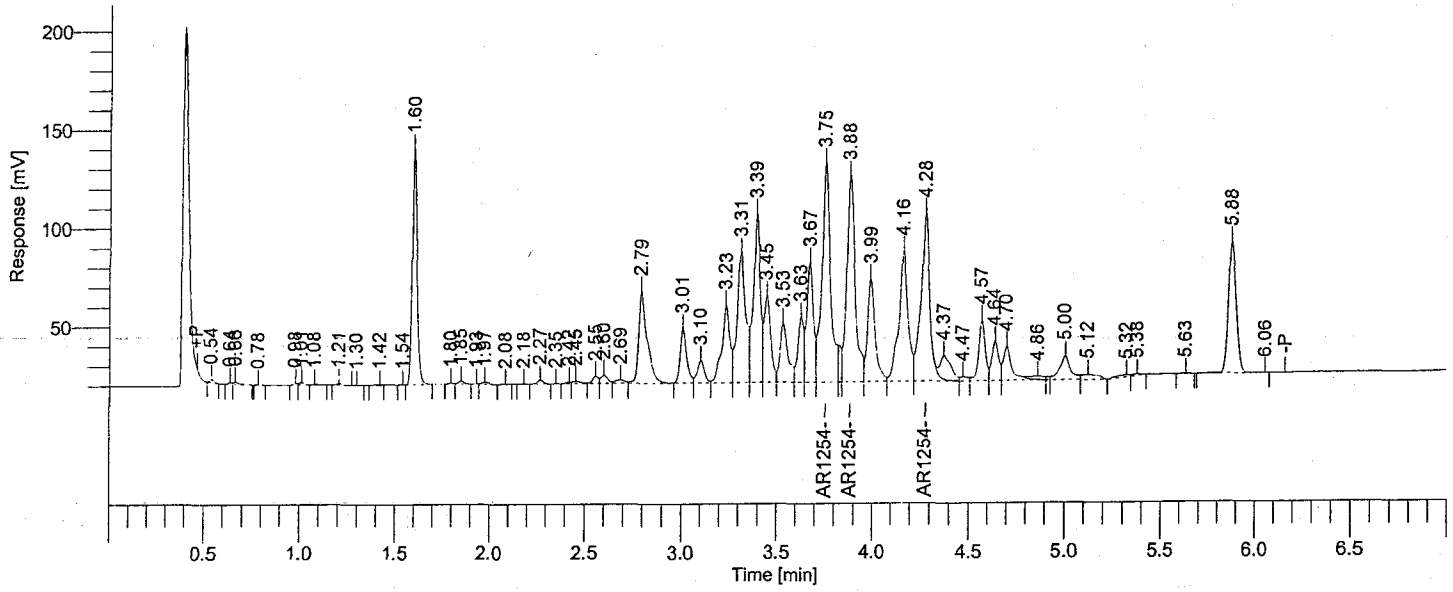
12/01/2005 09:31:09 Result: H:\TURBO6\5890-19\19B38033.rst

Group Report For : AR1248

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.01	VV	215237	AR1248-A	0.5282	4.0750e+05	4.3047e+05	-12.0
3.10	VV	193046	AR1248-B	0.5587	3.4554e+05	3.8609e+05	-6.9
3.46	VE	208046	AR1248-C	0.5938	3.5036e+05	4.1609e+05	-1.0
		616330		1.6807		1.2327e+06	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:31:15
Reprocess Number	: buf2042: 83330		
Operator	: tchrom	Sample Name	: ICM54TC
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 23:46:53	Cycle	: 9

Raw Data File : H:\TURBO6\5890-19\19B38034.raw <Modified>
Result File : H:\TURBO6\5890-19\19B38034.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B38034.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B38034.rst
Calib Method : h:\turbo6\5890-19\sb54(11-30-05).mth from H:\TURBO6\5890-19\19B38034.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	3.75		938804	AR1254	0.5000	0.1667	3
			938804			0.1667	

Processed by: GM 12/ 1 5 2005
Reviewed by: DEC 1 2005

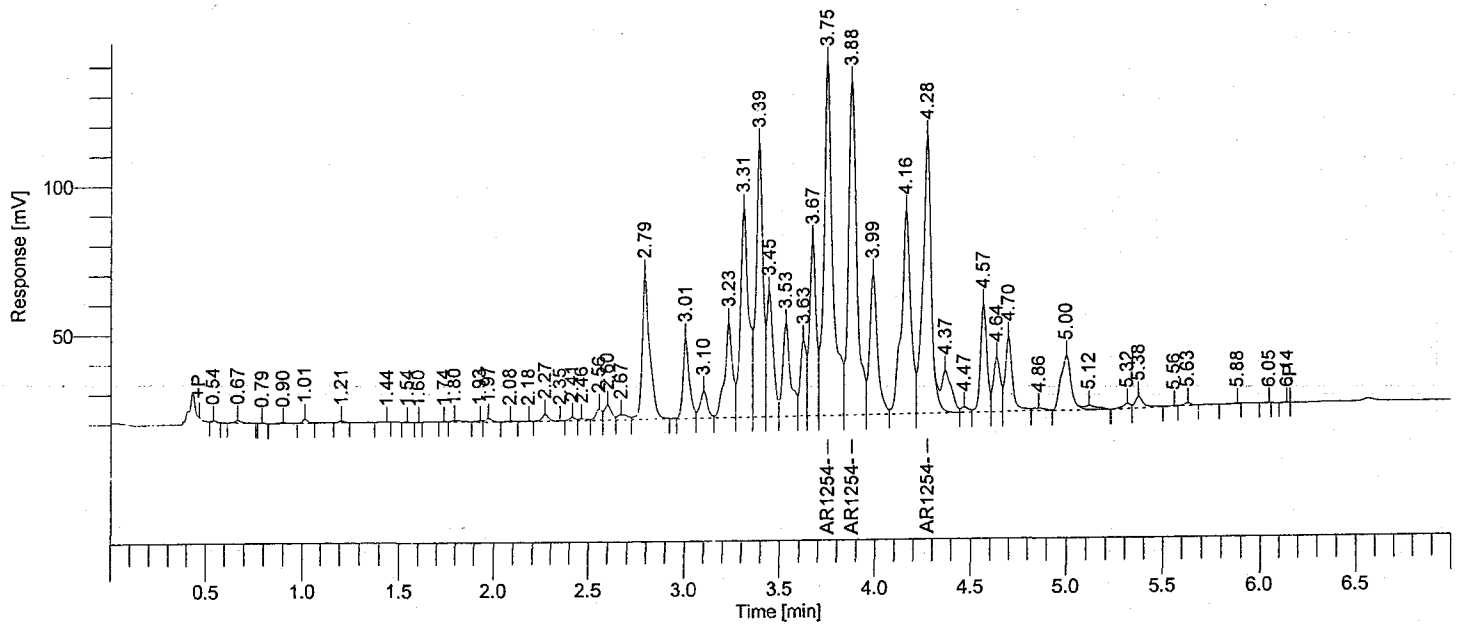
12/01/2005 09:31:15 Result: H:\TURBO6\5890-19\19B38034.rst

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
36	3.75	VV	344918	AR1254-A	0.5000	0.1667	3
37	3.88	VV	323367	AR1254-B	0.5000	0.1667	3
40	4.28	VE	270519	AR1254-C	0.5000	0.1667	3
			938804			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:31:20
Reprocess Number	: buf2042: 83332		
Operator	: tchrom	Sample Name	: ACM54RA
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 00:04:49	Cycle	: 10

Raw Data File : H:\TURBO6\5890-19\19B38035.raw <Modified>
Result File : H:\TURBO6\5890-19\19B38035.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B38035.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B38035.rst
Calib Method : h:\turbo6\5890-19\sb54(11-30-05).mth from H:\TURBO6\5890-19\19B38035.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.75		1016737	AR1254	0.5415	1.8776e+06	2.0335e+06	-9.7
		1016737		0.5415		2.0335e+06	

DEC 1 2005

12/01/2005 09:31:20 Result: H:\TURBO6\5890-19\19B38035.rst

Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.75	VV	384402	AR1254-A	0.5572	6.8984e+05	7.6880e+05	-7.1
3.88	VV	341478	AR1254-B	0.5280	6.4673e+05	6.8296e+05	-12.0
4.28	VE	290857	AR1254-C	0.5376	5.4104e+05	5.8171e+05	-10.4
		1016737		1.6228		2.0335e+06	

12/01/2005 11:31:44 Method: H:\TURBO6\5890-19\SA66(11-30-05).mth

Calibration Curve : y = (25653.792736) + (781073.519814)x + (-69664.885865)x^2 + (0.000000)x^3
R-squared : 0.999561

AR1016
Component Type : Named Group
Group Members
AR1016-A
AR1016-B
AR1016-C
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.600000
Value 4 : 0.000000
Value 5 : 0.250000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	125470.79	52733.24	----------	----------	1
b	0.1000	233149.48	99771.18	----------	----------	1
c	0.2500	546199.26	217825.04	----------	----------	1
d	0.5000	959783.30	390758.38	----------	----------	1
e	1.0000	1711497.95	699586.38	----------	----------	1
f	2.5000	3663816.60	1.52e+06	----------	----------	1
H	0.0250	71189.22	29568.38	----------	----------	1

Calibration Curve : y = (49177.469751) + (1856699.621400)x + (-164875.044661)x^2 + (0.000000)x^3
R-squared : 0.999586

AR1016-B
Component Type : Single Peak Component
Retention Time : 2.583 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	31853.64	14898.34	----------	----------	1
b	0.1000	61442.42	28716.58	----------	----------	1
c	0.2500	140803.04	61639.34	----------	----------	1
d	0.5000	250633.33	110842.14	----------	----------	1
e	1.0000	449299.51	200063.96	----------	----------	1
f	2.5000	960745.44	430364.68	----------	----------	1
H	0.0250	16863.34	8073.19	----------	----------	1

Calibration Curve : y = (11489.772674) + (488697.113989)x + (-43728.724007)x^2 + (0.000000)x^3
R-squared : 0.999643

AR1016-C
Component Type : Single Peak Component
Retention Time : 2.849 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

12/01/2005 11:31:44 Method: H:\TURBO6\5890-19\SA66(11-30-05).mth

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	35402.02	16736.22	----------	----------	1
b	0.1000	63556.35	31168.58	----------	----------	1
c	0.2500	172594.92	74960.79	----------	----------	1
d	0.5000	300489.13	134173.00	----------	----------	1
e	1.0000	537538.58	241243.03	----------	----------	1
f	2.5000	1158716.71	529994.26	----------	----------	1
H	0.0250	23096.34	9834.71	----------	----------	1

Calibration Curve : y = (12033.904340) + (586928.987597)x + (-51481.434789)x^2 + (0.000000)x^3
R-squared : 0.999460

AR1260-A
Component Type : Single Peak Component
Retention Time : 4.980 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find largest peak in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	78315.04	30059.00	----------	----------	1
b	0.1000	148217.45	56684.26	----------	----------	1
c	0.2500	372150.44	122412.21	----------	----------	1
d	0.5000	672153.90	221593.27	----------	----------	1
e	1.0000	1224727.84	410845.75	----------	----------	1
f	2.5000	2740848.67	947603.93	----------	----------	1
H	0.0250	43163.63	16743.47	----------	----------	1

Calibration Curve : y = (22730.220562) + (1310938.346706)x + (-89819.223646)x^2 + (0.000000)x^3
R-squared : 0.999708

AR1260
Component Type : Named Group
Group Members
AR1260-A
AR1260-B
AR1260-C
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.600000
Value 4 : 0.000000
Value 5 : 0.250000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	145778.30	56983.70	----------	----------	1
b	0.1000	272675.74	105540.53	----------	----------	1
c	0.2500	634432.93	221927.11	----------	----------	1
d	0.5000	1140584.06	401483.17	----------	----------	1
e	1.0000	2065936.98	735115.98	----------	----------	1
f	2.5000	4624023.43	1.67e+06	----------	----------	1
H	0.0250	73854.86	29661.41	----------	----------	1

12/01/2005 11:31:44 Method: H:\TURBO6\5890-19\SA66(11-30-05).mth

Calibration Curve : y = (50851.448963) + (2195937.045385)x + (-147274.353756)x^2 + (0.000000)x^3
R-squared : 0.999680

AR1260-B
Component Type : Single Peak Component
Retention Time : 5.201 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	44018.34	17289.41	----------	----------	1
b	0.1000	85382.33	33104.78	----------	----------	1
c	0.2500	181954.78	69043.27	----------	----------	1
d	0.5000	328358.18	125248.28	----------	----------	1
e	1.0000	594090.35	228288.89	----------	----------	1
f	2.5000	1308690.69	508886.69	----------	----------	1
H	0.0250	23944.33	9392.58	----------	----------	1

Calibration Curve : y = (17604.293112) + (630524.800028)x + (-45786.757259)x^2 + (0.000000)x^3
R-squared : 0.999726

AR1260-C
Component Type : Single Peak Component
Retention Time : 5.646 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	23444.92	9635.30	----------	----------	1
b	0.1000	39075.96	15751.48	----------	----------	1
c	0.2500	80327.71	30471.63	----------	----------	1
d	0.5000	140071.99	54641.62	----------	----------	1
e	1.0000	247118.78	95981.35	----------	----------	1
f	2.5000	574484.07	212153.47	----------	----------	1
H	0.0250	6746.90	3525.37	----------	----------	1

Calibration Curve : y = (10516.935290) + (254473.898651)x + (-11668.372851)x^2 + (0.000000)x^3
R-squared : 0.999064

DCBP
Component Type : Single Peak Component
Retention Time : 6.249 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

12/01/2005 11:31:44 Method: H:\TURBO6\5890-19\SA66(11-30-05).mth

User Values
Label :
Value 1 : 0.030000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.020000
Value 6 : 0.005000
Value 7 : 1.000000

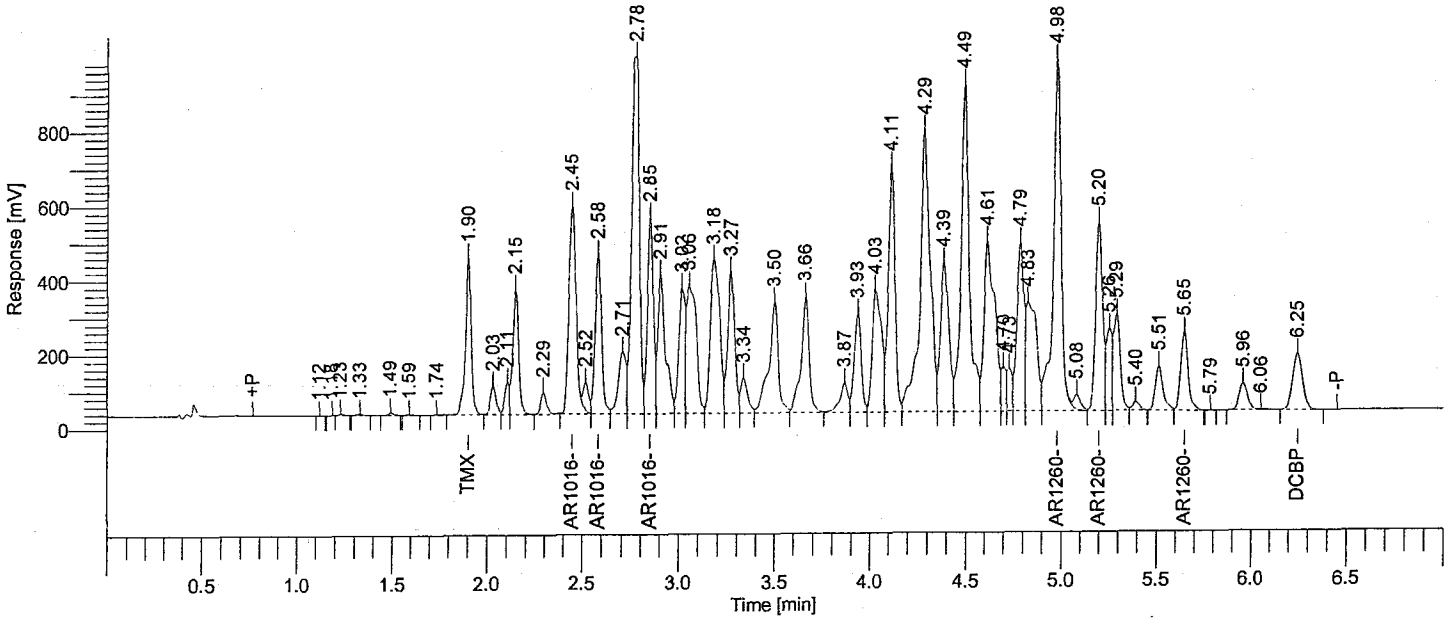
Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	79670.50	23076.59	----------	----------	1
B	0.0100	174552.92	49686.02	----------	----------	1
C	0.0200	254816.75	71677.13	----------	----------	1
D	0.0300	361998.84	99704.01	----------	----------	1
E	0.0400	450763.68	125094.47	----------	----------	1
F	0.0500	542058.71	151778.52	----------	----------	1

Calibration Curve : y = (34425.874294) + (12181175.211808)x + (-41769412.008671)x^2 + (0.000000)x^3
R-squared 0.994776

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:48:56
Reprocess Number	: buf2042: 83348		
Operator	: tchrom	Sample Name	: ICM66MI
Sample Number	: 2.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 00:22:59	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19A38036.raw <Modified>
Result File : H:\TURBO6\5890-19\19A38036.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A38036.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A38036.rst
Calib Method : h:\turbo6\5890-19\sa66(11-30-05).mth from H:\TURBO6\5890-19\19A38036.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
8	1.90	VV	880071	TMX	0.0500	------	0
	2.45		3663817	AR1016	2.5000	0.8333	3
	4.98		4624023	AR1260	2.5000	0.8333	3
50	6.25	VB	542059	DCBP	0.0500	------	0
			9709970			1.6667	

DEC 1 2005

12/01/2005 09:48:56 Result: H:\TURBO6\5890-19\19A38036.rst

Group Report For : AR1016

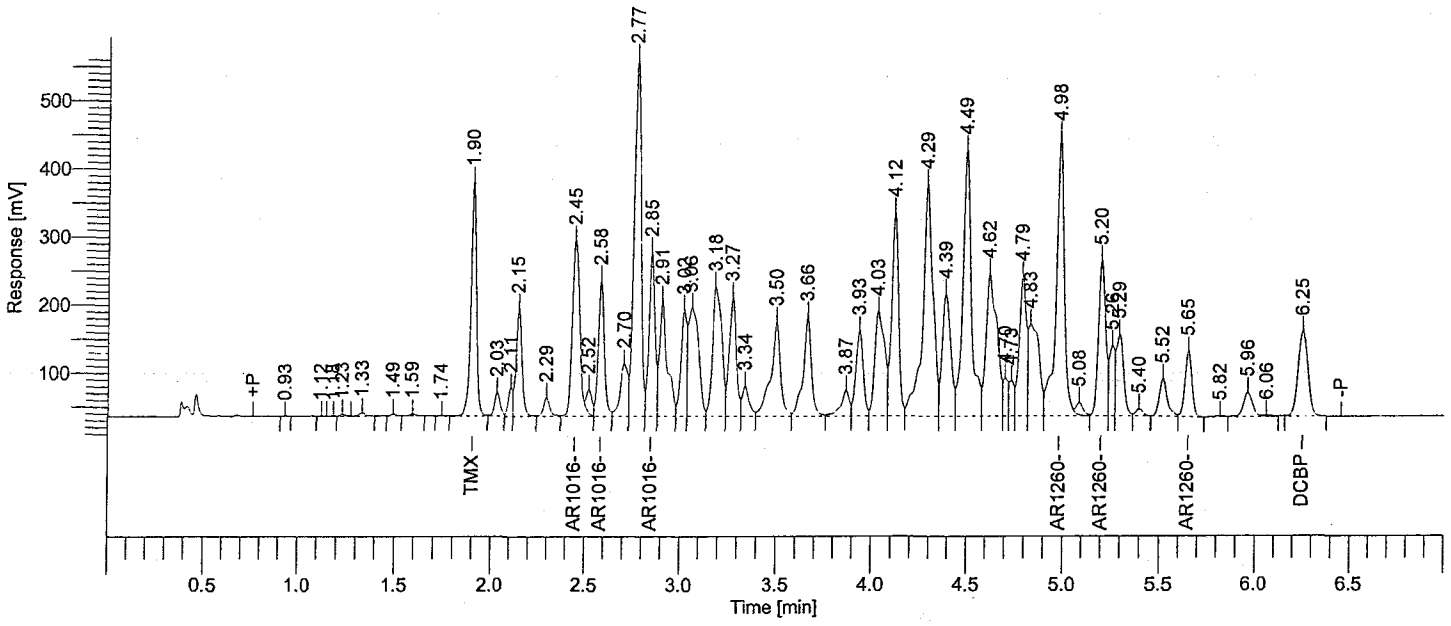
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
13	2.45	VE	1544354	AR1016-A	2.5000	0.8333	3
15	2.58	VV	960745	AR1016-B	2.5000	0.8333	3
18	2.85	VV	1158717	AR1016-C	2.5000	0.8333	3
			3663817			2.5000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
39	4.98	VE	2740849	AR1260-A	2.5000	0.8333	3
41	5.20	VV	1308691	AR1260-B	2.5000	0.8333	3
46	5.65	VB	574484	AR1260-C	2.5000	0.8333	3
			4624023			2.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:48:59
Reprocess Number	: buf2042: 83349		
Operator	: tchrom	Sample Name	: ICM66MD
Sample Number	: 1.0NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 00:40:56	Cycle	: 2

Raw Data File : H:\TURBO6\5890-19\19A38037.raw <Modified>
Result File : H:\TURBO6\5890-19\19A38037.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A38037.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A38037.rst
Calib Method : h:\turbo6\5890-19\sa66(11-30-05).mth from H:\TURBO6\5890-19\19A38037.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
9	1.90	VV	691888	TMX	0.0400	------	0
	2.45		1711498	AR1016	1.0000	0.3333	3
	4.98		2065937	AR1260	1.0000	0.3333	3
51	6.25	VB	450764	DCBP	0.0400	------	0
			4920087			0.6667	

9 DEC 1 2005

12/01/2005 09:48:59 Result: H:\TURBO6\5890-19\19A38037.rst

Group Report For : AR1016

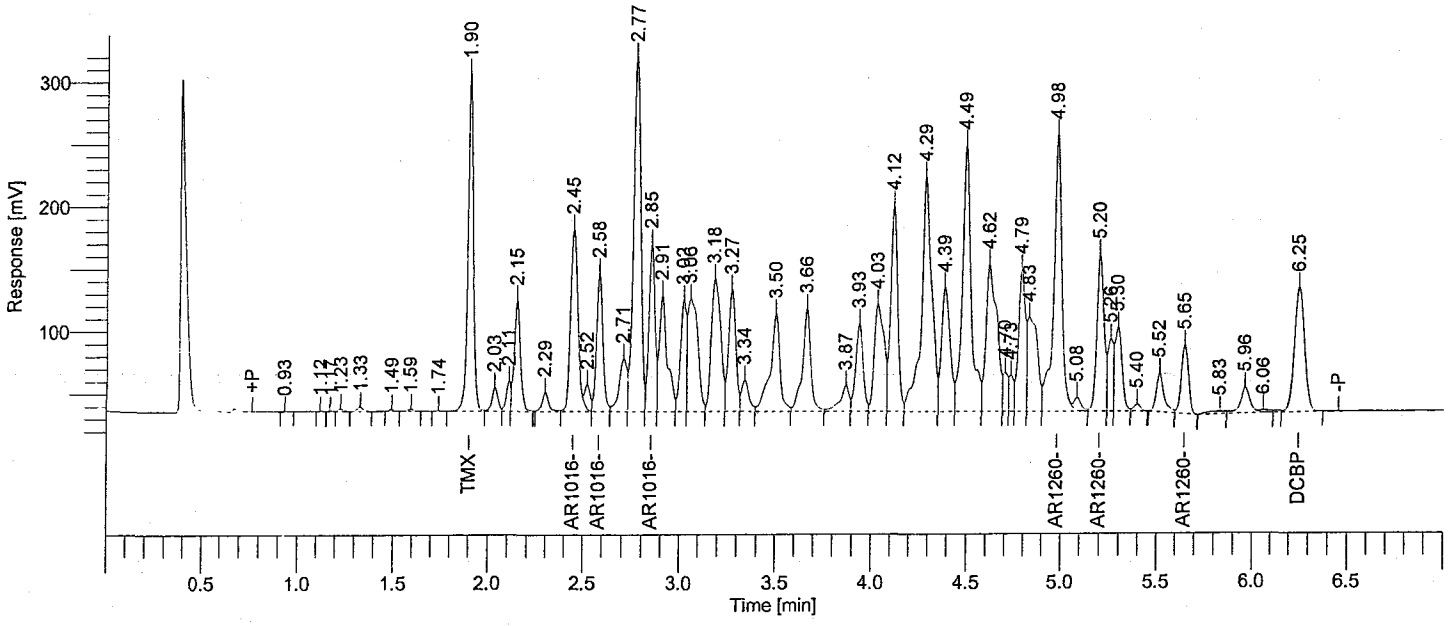
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
14	2.45	VE	724660	AR1016-A	1.0000	0.3333	3
16	2.58	VV	449300	AR1016-B	1.0000	0.3333	3
19	2.85	VV	537539	AR1016-C	1.0000	0.3333	3
			1711498			1.0000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
40	4.98	VE	1224728	AR1260-A	1.0000	0.3333	3
42	5.20	VV	594090	AR1260-B	1.0000	0.3333	3
47	5.65	VB	247119	AR1260-C	1.0000	0.3333	3
			2065937			1.0000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:49:01
Reprocess Number	: buf2042: 83350		
Operator	: tchrom	Sample Name	: ICM66MK
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 00:58:55	Cycle	: 3

Raw Data File : H:\TURBO6\5890-19\19A38038.raw <Modified>
Result File : H:\TURBO6\5890-19\19A38038.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A38038.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A38038.rst
Calib Method : h:\turbo6\5890-19\sa66(11-30-05).mth from H:\TURBO6\5890-19\19A38038.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
9	1.90	VV	533486	TMX	0.0300	------	0
	2.45		959783	AR1016	0.5000	0.1667	3
	4.98		1140584	AR1260	0.5000	0.1667	3
51	6.25	VB	361999	DCBP	0.0300	------	0
			2995852			0.3333	

DEC 1 2005

12/01/2005 09:49:01 Result: H:\TURBO6\5890-19\19A38038.rst

Group Report For : AR1016

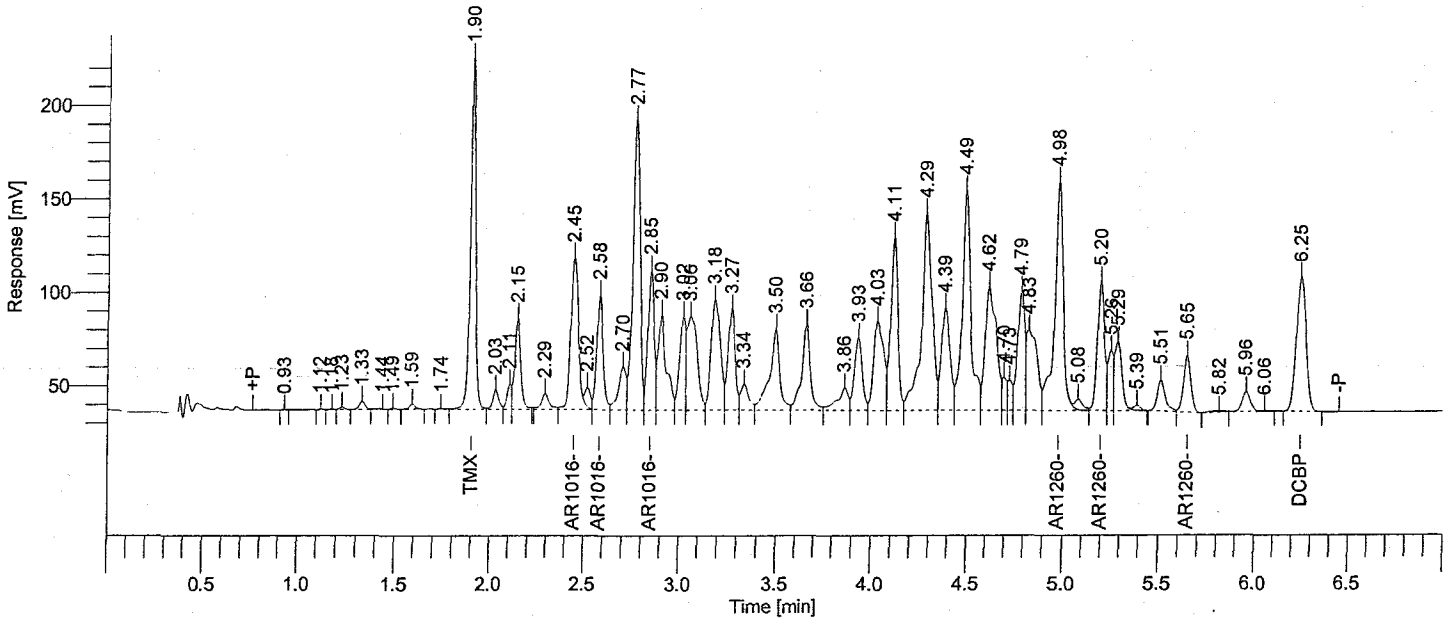
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
14	2.45	VE	408661	AR1016-A	0.5000	0.1667	3
16	2.58	VV	250633	AR1016-B	0.5000	0.1667	3
19	2.85	VV	300489	AR1016-C	0.5000	0.1667	3
			959783			0.5000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
40	4.98	VE	672154	AR1260-A	0.5000	0.1667	3
42	5.20	VV	328358	AR1260-B	0.5000	0.1667	3
47	5.65	VB	140072	AR1260-C	0.5000	0.1667	3
			1140584			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:49:04
Reprocess Number	: buf2042: 83351		
Operator	: tchrom	Sample Name	: ICM66ML
Sample Number	: 0.25NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 01:16:51	Cycle	: 4

Raw Data File : H:\TURBO6\5890-19\19A38039.raw <Modified>
Result File : H:\TURBO6\5890-19\19A38039.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A38039.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A38039.rst
Calib Method : h:\turbo6\5890-19\sa66(11-30-05).mth from H:\TURBO6\5890-19\19A38039.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
10	1.90	VV	369457	TMX	0.0200	------	0
	2.45		546199	AR1016	0.2500	0.0833	3
	4.98		634433	AR1260	0.2500	0.0833	3
52	6.25	BB	254817	DCBP	0.0200	------	0
			1804906			0.1667	

a DEC 1 2005

12/01/2005 09:49:04 Result: H:\TURBO6\5890-19\19A38039.rst

Group Report For : AR1016

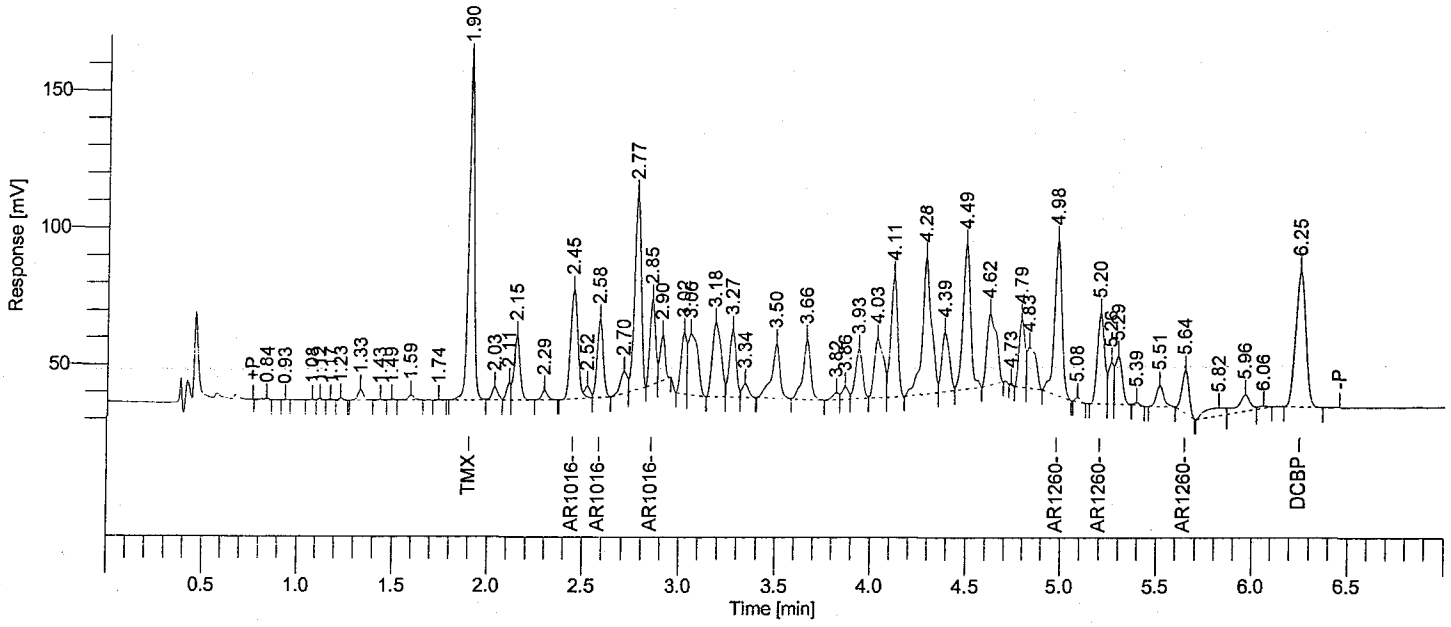
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
15	2.45	VE	232801	AR1016-A	0.2500	0.0833	3
17	2.58	VV	140803	AR1016-B	0.2500	0.0833	3
20	2.85	VV	172595	AR1016-C	0.2500	0.0833	3
			546199			0.2500	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
41	4.98	VE	372150	AR1260-A	0.2500	0.0833	3
43	5.20	VV	181955	AR1260-B	0.2500	0.0833	3
48	5.65	VB	80328	AR1260-C	0.2500	0.0833	3
			634433			0.2500	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:49:06
Reprocess Number	: buf2042: 83352		
Operator	: tchrom	Sample Name	: ICM66MF
Sample Number	: 0.1NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 01:34:51	Cycle	: 5

Raw Data File : H:\TURBO6\5890-19\19A38040.raw <Modified>
Result File : H:\TURBO6\5890-19\19A38040.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A38040.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A38040.rst
Calib Method : h:\turbo6\5890-19\sa66(11-30-05).mth from H:\TURBO6\5890-19\19A38040.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
12	1.90	VV	242567	TMX	0.0100	-------	0
	2.45		233149	AR1016	0.1000	0.0333	3
	4.98		272676	AR1260	0.1000	0.0333	3
54	6.25	BB	174553	DCBP	0.0100	-------	0
			922945			0.0667	

DEC 1 2005

12/01/2005 09:49:06 Result: H:\TURBO6\5890-19\19A38040.rst

Group Report For : AR1016

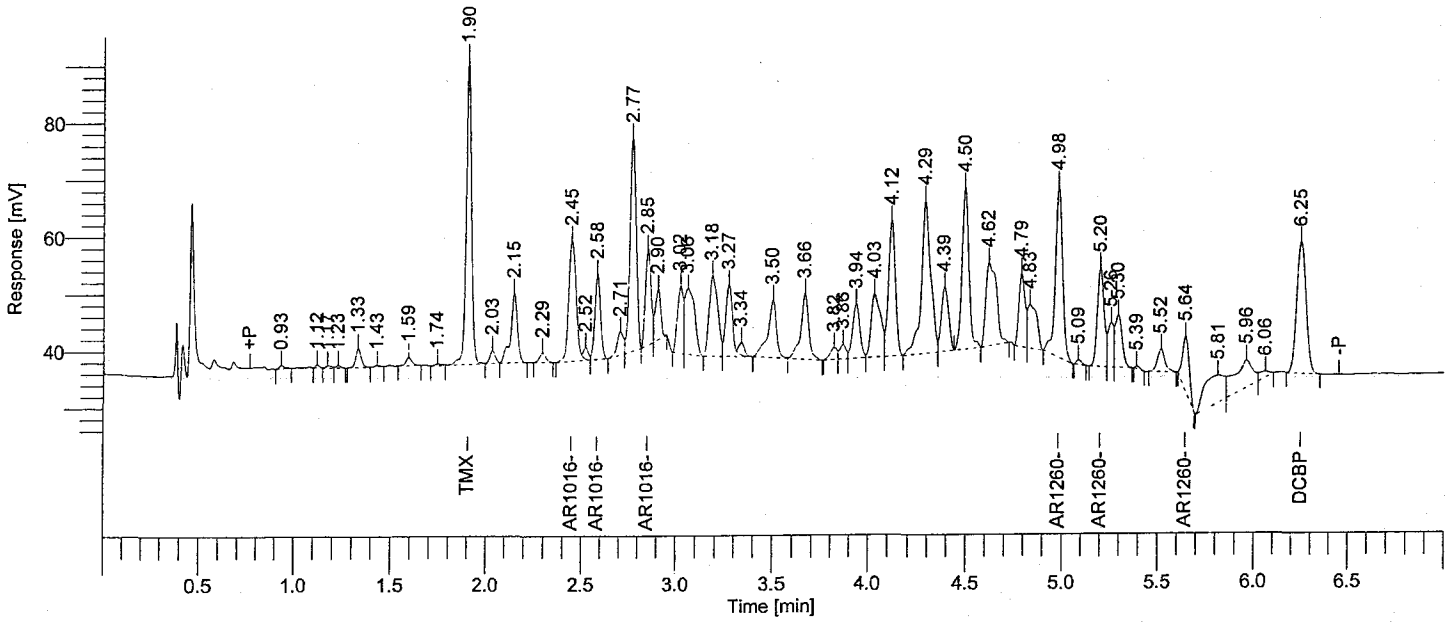
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
17	2.45	BE	108151	AR1016-A	0.1000	0.0333	3
19	2.58	VB	61442	AR1016-B	0.1000	0.0333	3
22	2.85	BV	63556	AR1016-C	0.1000	0.0333	3
			233149			0.1000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
43	4.98	BB	148217	AR1260-A	0.1000	0.0333	3
45	5.20	BV	85382	AR1260-B	0.1000	0.0333	3
50	5.64	BB	39076	AR1260-C	0.1000	0.0333	3
			272676			0.1000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:49:08
Reprocess Number	: buf2042: 83353		
Operator	: tchrom	Sample Name	: ICM66MG
Sample Number	: 0.05NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 01:52:59	Cycle	: 6

Raw Data File : H:\TURBO6\5890-19\19A38041.raw <Modified>
Result File : H:\TURBO6\5890-19\19A38041.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A38041.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A38041.rst
Calib Method : h:\turbo6\5890-19\sa66(11-30-05).mth from H:\TURBO6\5890-19\19A38041.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
9	1.90	VV	105710	TMX	0.0050	-------	0
	2.45		125471	AR1016	0.0500	0.0167	3
	4.98		145778	AR1260	0.0500	0.0167	3
49	6.25	BB	79670	DCBP	0.0050	-------	0
			456630			0.0333	

DEC 1 2005

12/01/2005 09:49:08 Result: H:\TURBO6\5890-19\19A38041.rst

Group Report For : AR1016

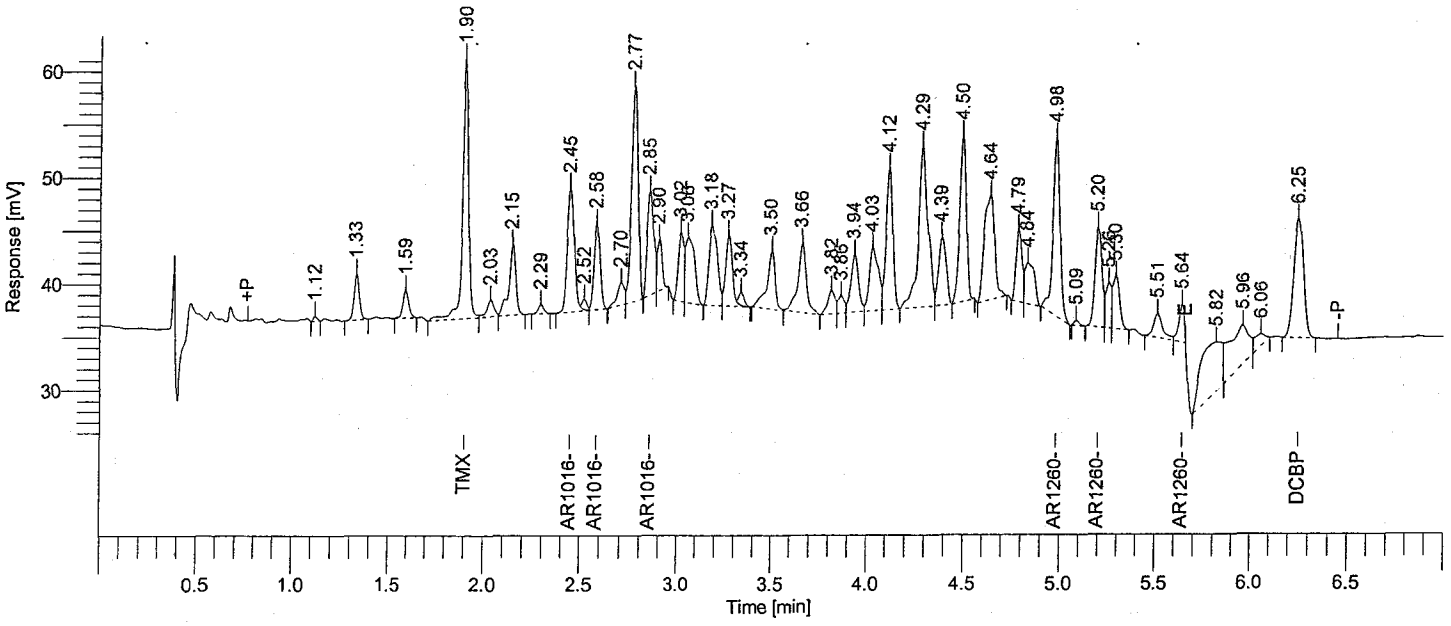
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
13	2.45	BE	58215	AR1016-A	0.0500	0.0167	3
15	2.58	VB	31854	AR1016-B	0.0500	0.0167	3
18	2.85	BV	35402	AR1016-C	0.0500	0.0167	3
			125471			0.0500	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
38	4.98	BB	78315	AR1260-A	0.0500	0.0167	3
40	5.20	BV	44018	AR1260-B	0.0500	0.0167	3
45	5.64	BB	23445	AR1260-C	0.0500	0.0167	3
			145778			0.0500	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 11:27:20
Reprocess Number	: buf2044: 227		
Operator	: tchrom	Sample Name	: ICM66ML
Sample Number	: 0.025NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 02:11:09	Cycle	: 7

Raw Data File : H:\TURBO6\5890-19\19A38042.raw <Modified>
Result File : H:\TURBO6\5890-19\19a38042.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A38042.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19a38042.rst
Calib Method : h:\turbo6\5890-19\sa66(11-30-05).mth from H:\TURBO6\5890-19\19a38042.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
4	1.90	BV	52323	TMX	0.0030	----	0
	2.45		71189	AR1016	0.0250	0.0083	3
	4.98		73855	AR1260	0.0250	0.0083	3
43	6.25	BB	37687	DCBP	0.0028	----	0
			235054			0.0167	

DEC 1 2005

Group Report For : AR1016

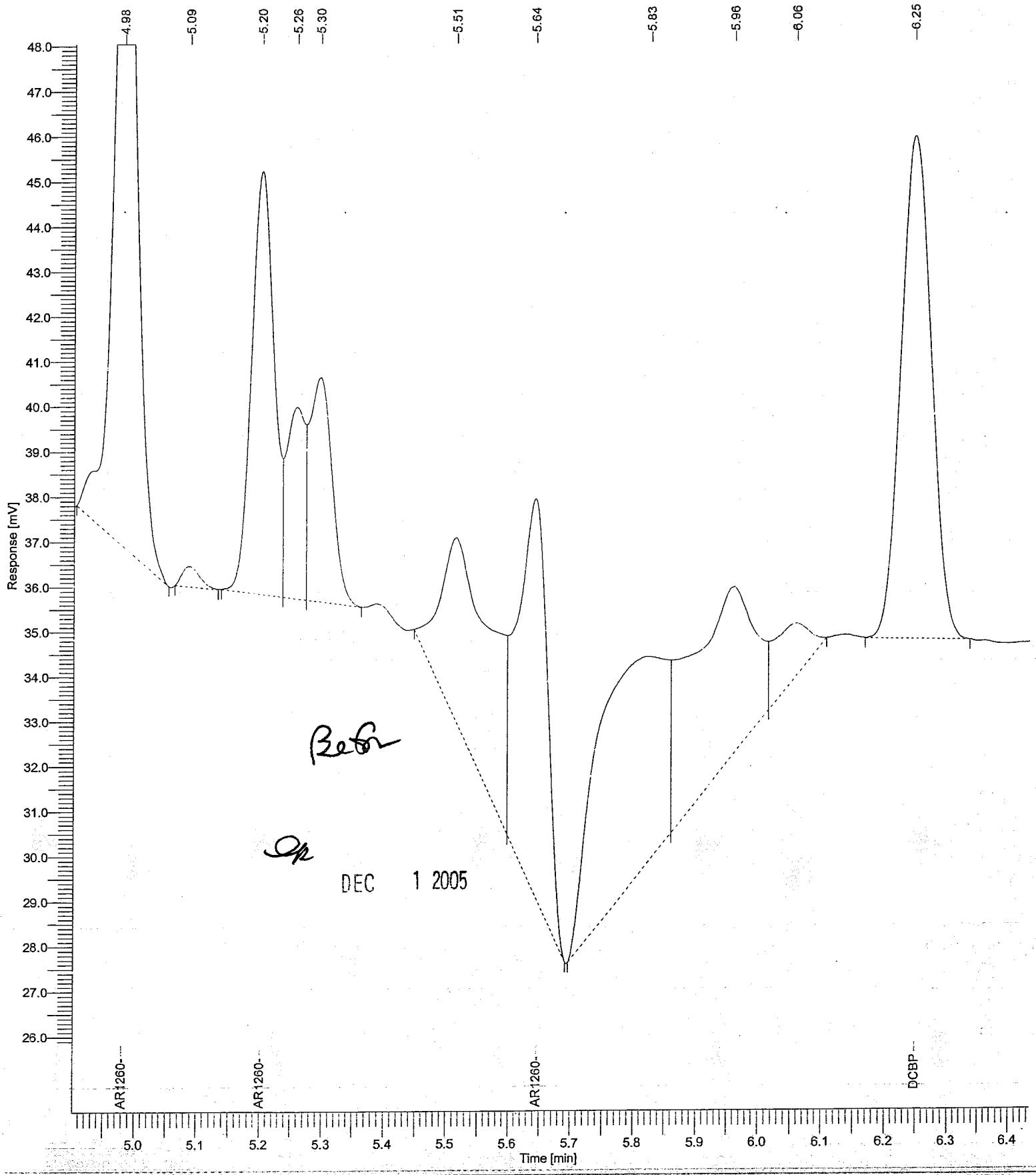
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
8	2.45	BE	31230	AR1016-A	0.0250	0.0083	3
10	2.58	VB	16863	AR1016-B	0.0250	0.0083	3
13	2.85	BV	23096	AR1016-C	0.0250	0.0083	3
			71189			0.0250	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
33	4.98	BB	43164	AR1260-A	0.0250	0.0083	3
35	5.20	BV	23944	AR1260-B	0.0250	0.0083	3
39	5.64	*VB	6747	AR1260-C	0.0250	0.0083	3
			73855			0.0250	

Chromatogram

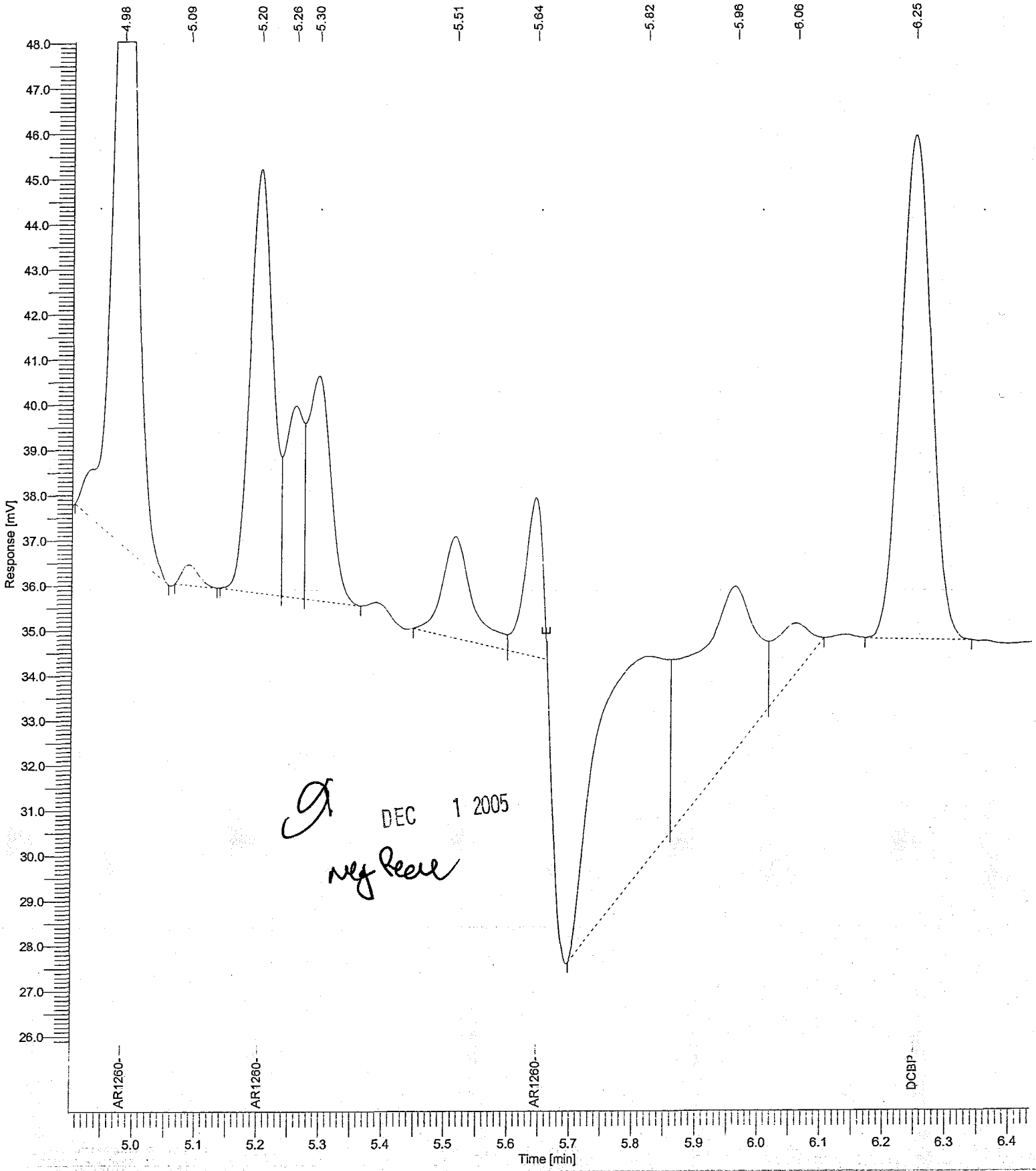
Sample Name : ICM66ML Sample #: 0.025NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19A38042.raw
Date : 12/01/2005 11:24:43
Method : Time of Injection: 12/01/2005 02:11:09
Start Time : 4.90 min End Time : 6.44 min Low Point : 25.82 mV High Point : 48.04 mV
Plot Offset: 25.82 mV Plot Scale: 22.2 mV



DEC 1 2005

Chromatogram

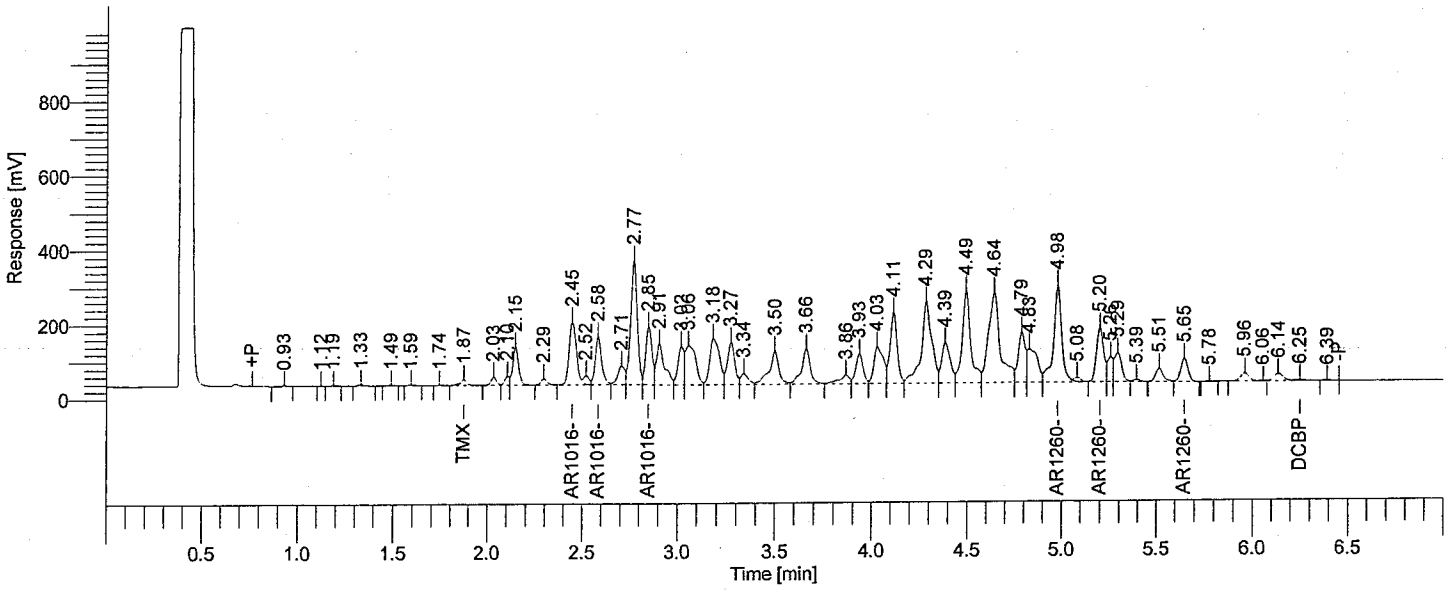
Sample Name : ICM66ML Sample #: 0.025NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19A38042.raw
Date : 12/01/2005 11:24:15
Method : Time of Injection: 12/01/2005 02:11:09
Start Time : 4.90 min End Time : 6.44 min Low Point : 25.82 mV High Point : 48.04 mV
Plot Offset: 25.82 mV Plot Scale: 22.2 mV



DEC 1 2005

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:57:11
Reprocess Number	: buf2042: 83356		
Operator	: tchrom	Sample Name	: ACM66EB
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 02:29:05	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19A38043.raw <Modified>
Result File : H:\TURBO6\5890-19\19A38043.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A38043.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A38043.rst
Calib Method : h:\turbo6\5890-19\sa66(11-30-05).mth from H:\TURBO6\5890-19\19A38043.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.87	VB	42322	TMX	-5e-04	----------	84644 ~~8667~~	~~-100.1~~
2.45		1135543	AR1016	0.6191	1.8340e+06	2.2711e+06	3.2
4.98		1331916	AR1260	0.6082	2.1898e+06	2.6638e+06	1.4
6.25	EV	14848	DCBP	-2e-03	----------	29695 ~~3078~~	~~-100.3~~
		2524629		1.2253		5.0493e+06	

DEC 1 2005

12/01/2005 09:57:11 Result: H:\TURBO6\5890-19\19A38043.rst

Group Report For : AR1016

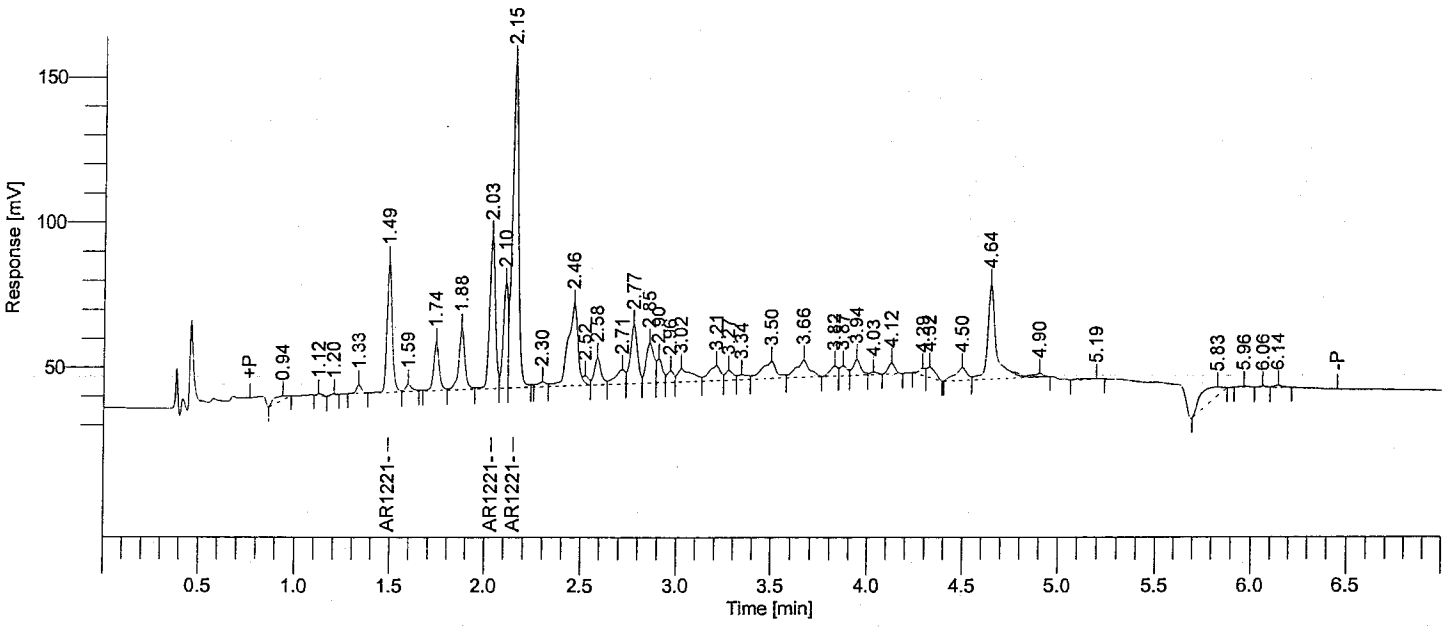
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.45	VE	474899	AR1016-A	0.6082	7.8089e+05	9.4980e+05	1.4
2.58	VV	309655	AR1016-B	0.6477	4.7812e+05	6.1931e+05	7.9
2.85	VV	350988	AR1016-C	0.6102	5.7524e+05	7.0198e+05	1.7
		1135543		1.8660		2.2711e+06	

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
4.98	VE	787625	AR1260-A	0.6089	1.2936e+06	1.5752e+06	1.5
5.20	VV	379858	AR1260-B	0.6007	6.3232e+05	7.5972e+05	0.1
5.65	VB	164433	AR1260-C	0.6237	2.6365e+05	3.2887e+05	3.9
		1331916		1.8333		2.6638e+06	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:30:17
Reprocess Number	: buf2042: 83313		
Operator	: tchrom	Sample Name	: ICM21RA
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 21:22:38	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19A38026.raw <Modified>
Result File : H:\TURBO6\5890-19\19A38026.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A38026.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A38026.rst
Calib Method : h:\turbo6\5890-19\sa21(11-30-05).mth from H:\TURBO6\5890-19\19A38026.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	2.15		444338	AR1221	0.5000	0.1667	3
			444338			0.1667	

Processed by: GAS 12/1/05

Reviewed by: DEC\ 1\2005

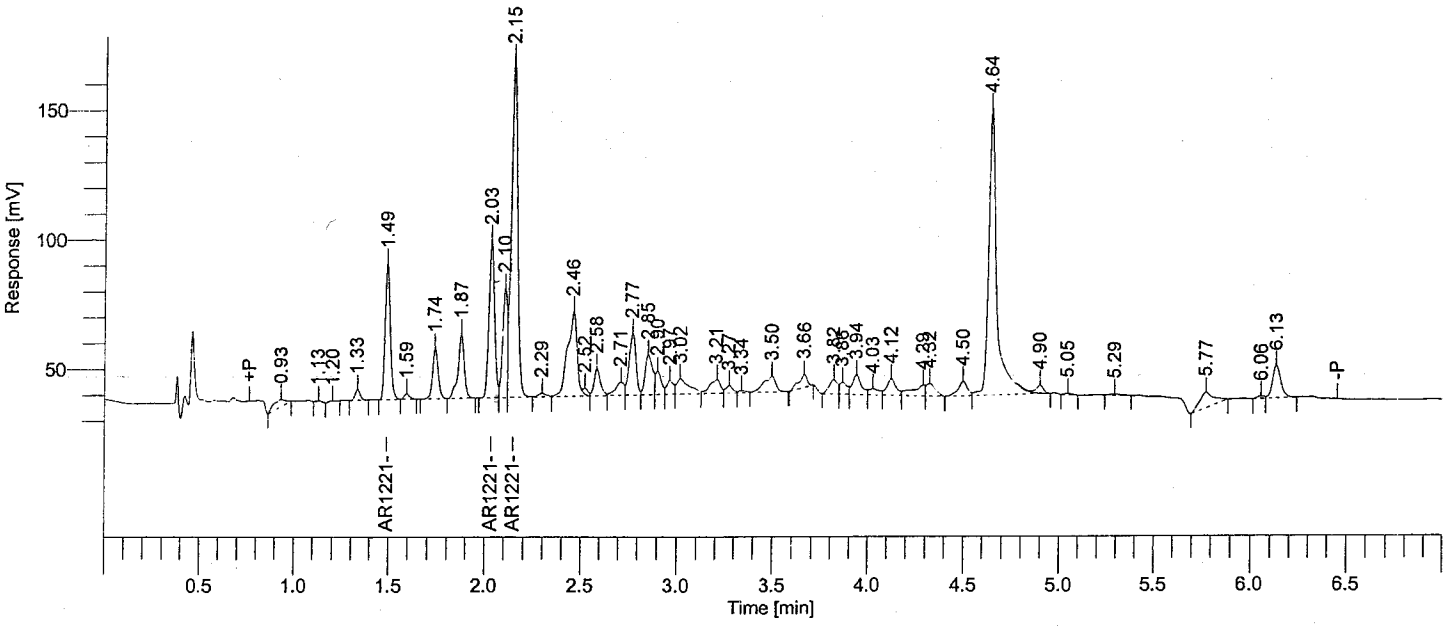
12/01/2005 09:30:17 Result: H:\TURBO6\5890-19\19A38026.rst

Group Report For : AR1221

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
5	1.49	VV	85792	AR1221-A	0.5000	0.1667	3
9	2.03	VV	109128	AR1221-B	0.5000	0.1667	3
11	2.15	VV	249417	AR1221-C	0.5000	0.1667	3
			444338			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:30:25
Reprocess Number	: buf2042: 83315		
Operator	: tchrom	Sample Name	: ACM21PA
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 21:40:35	Cycle	: 2

Raw Data File : H:\TURBO6\5890-19\19A38027.raw <Modified>
Result File : H:\TURBO6\5890-19\19A38027.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A38027.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A38027.rst
Calib Method : h:\turbo6\5890-19\sa21(11-30-05).mth from H:\TURBO6\5890-19\19A38027.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.15		507352	AR1221	0.5709	8.8868e+05	1.0147e+06	-4.8
		507352		0.5709		1.0147e+06	

DEC 1 2005

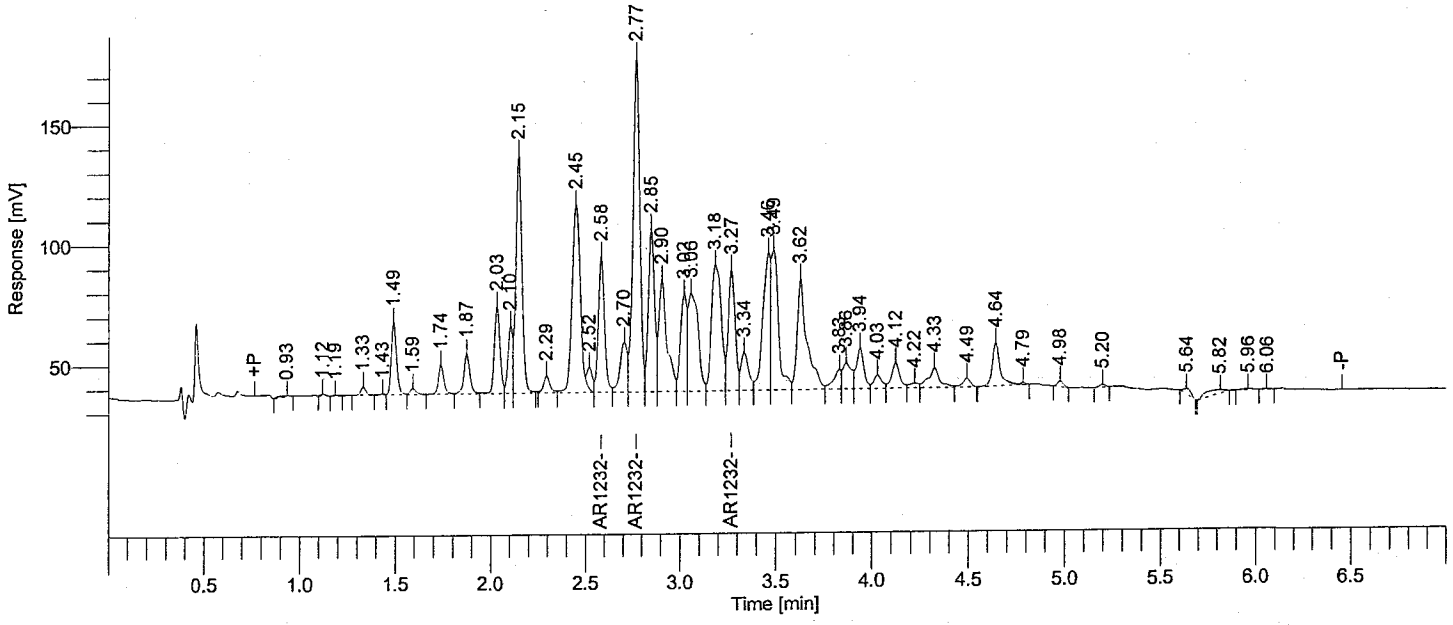
12/01/2005 09:30:25 Result: H:\TURBO6\5890-19\19A38027.rst

Group Report For : AR1221

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.49	BV	97521	AR1221-A	0.5684	1.7158e+05	1.9504e+05	-5.3
2.03	BV	124007	AR1221-B	0.5682	2.1826e+05	2.4801e+05	-5.3
2.15	VV	285824	AR1221-C	0.5730	4.9883e+05	5.7165e+05	-4.5
		507352		1.7095		1.0147e+06	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:30:32
Reprocess Number	: buf2042: 83317		
Operator	: tchrom	Sample Name	: ICM32GA
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 21:58:34	Cycle	: 3

Raw Data File : H:\TURBO6\5890-19\19A38028.raw <Modified>
Result File : H:\TURBO6\5890-19\19A38028.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A38028.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A38028.rst
Calib Method : h:\turbo6\5890-19\sa32(11-30-05).mth from H:\TURBO6\5890-19\19A38028.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	2.77		605285	AR1232	0.5000	0.1667	3
			605285			0.1667	

Processed by: GRD 12/1/05
Reviewed by: [signature] DEC 1 2005

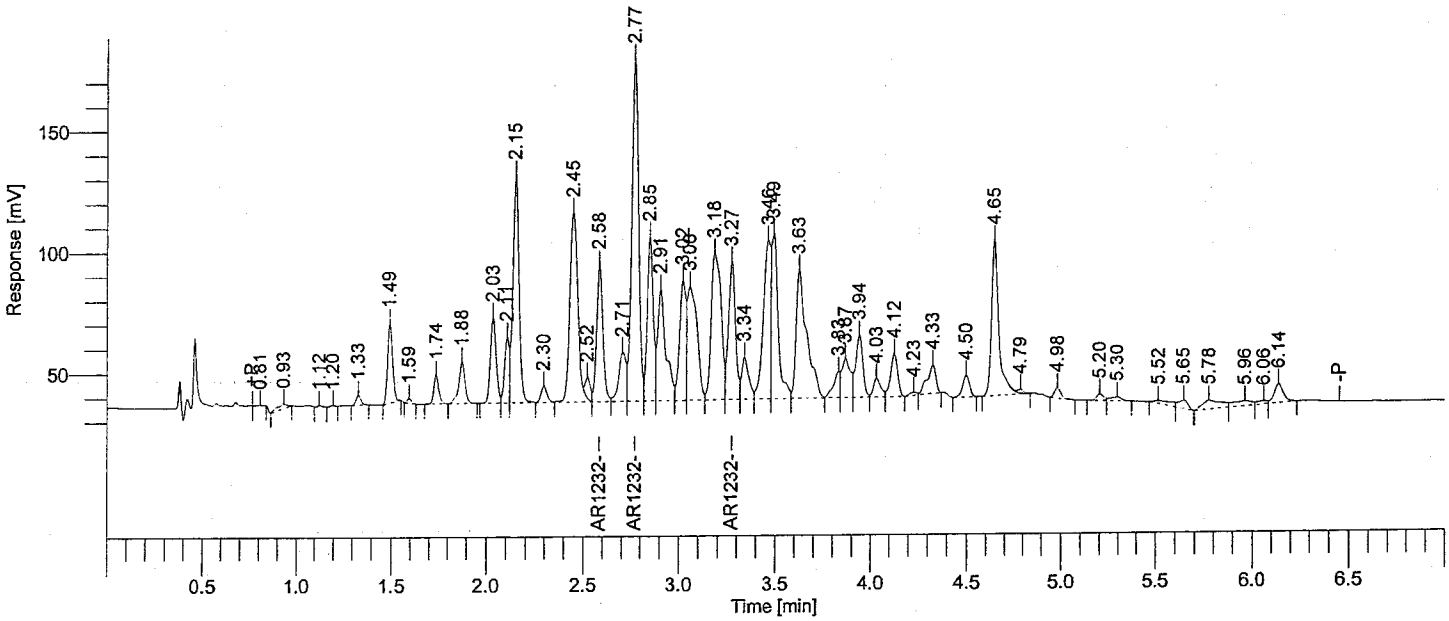
12/01/2005 09:30:32 Result: H:\TURBO6\5890-19\19A38028.rst

Group Report For : AR1232

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
16	2.58	VV	128212	AR1232-A	0.5000	0.1667	3
18	2.77	VV	349135	AR1232-B	0.5000	0.1667	3
24	3.27	VV	127938	AR1232-C	0.5000	0.1667	3
			605285			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:30:40
Reprocess Number	: buf2042: 83319		
Operator	: tchrom	Sample Name	: ACM32BB
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 22:16:51	Cycle	: 4

Raw Data File : H:\TURBO6\5890-19\19A38029.raw <Modified>
Result File : H:\TURBO6\5890-19\19A38029.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A38029.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A38029.rst
Calib Method : h:\turbo6\5890-19\sa32(11-30-05).mth from H:\TURBO6\5890-19\19A38029.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.77		622512	AR1232	0.5142	1.2106e+06	1.2450e+06	-14.3
		622512		0.5142		1.2450e+06	

DEC 1 2005

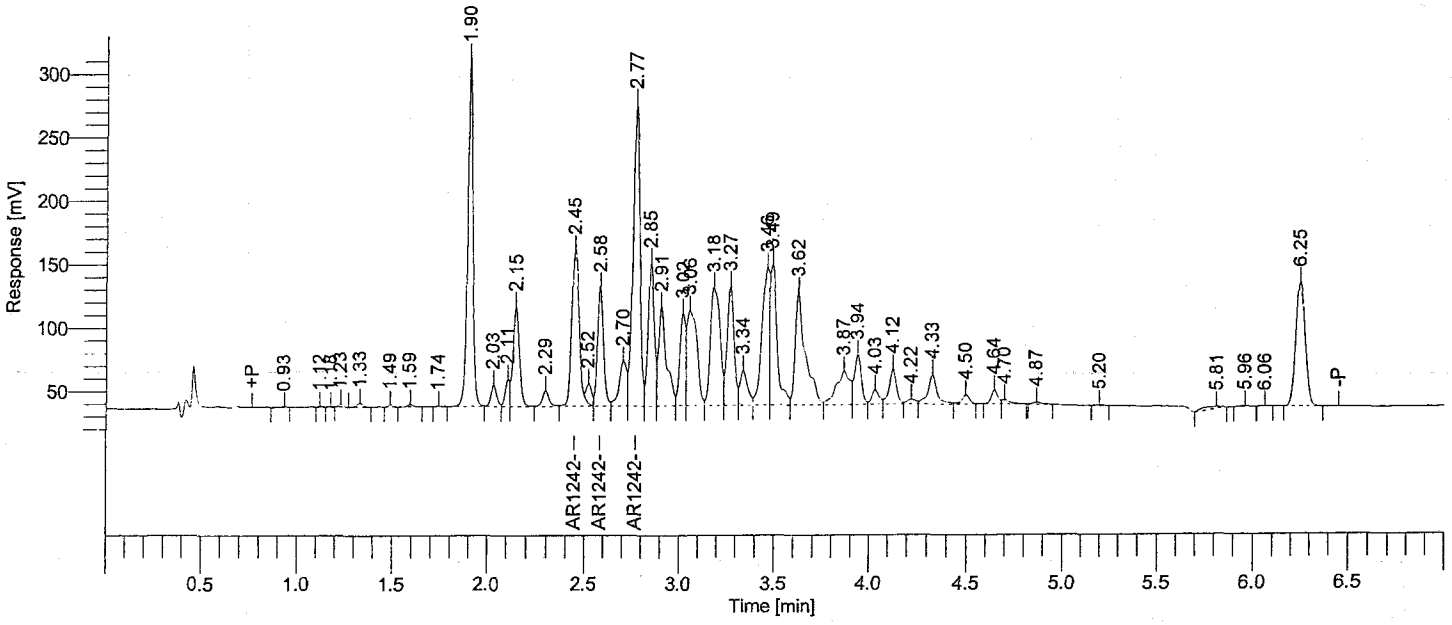
12/01/2005 09:30:40 Result: H:\TURBO6\5890-19\19A38029.rst

Group Report For : AR1232

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.58	VV	126913	AR1232-A	0.4949	2.5642e+05	2.5383e+05	-17.5
2.77	VV	351861	AR1232-B	0.5039	6.9827e+05	7.0372e+05	-16.0
3.27	VV	143738	AR1232-C	0.5618	2.5588e+05	2.8748e+05	-6.4
		622512		1.5606		1.2450e+06	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:30:47
Reprocess Number	: buf2042: 83321		
Operator	: tchrom	Sample Name	: ICM42SA
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 22:34:50	Cycle	: 5

Raw Data File : H:\TURBO6\5890-19\19A38030.raw <Modified>
Result File : H:\TURBO6\5890-19\19A38030.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A38030.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A38030.rst
Calib Method : h:\turbo6\5890-19\sa42(11-30-05).mth from H:\TURBO6\5890-19\19A38030.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	2.77		1148376	AR1242	0.5000	0.1667	3
			1148376			0.1667	

Processed by: GAD 12/1/05
Reviewed by: [signature] DEC 1 2005

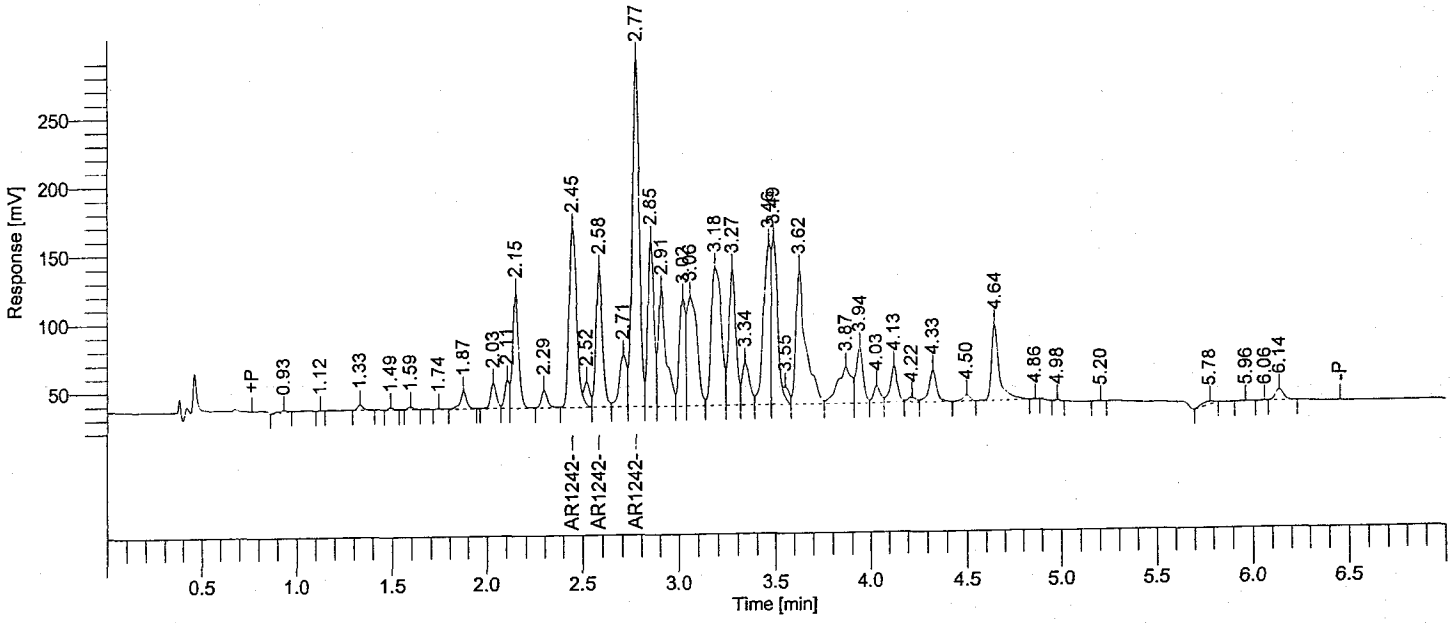
12/01/2005 09:30:47 Result: H:\TURBO6\5890-19\19A38030.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
14	2.45	VE	345570	AR1242-A	0.5000	0.1667	3
16	2.58	VV	209206	AR1242-B	0.5000	0.1667	3
18	2.77	VV	593601	AR1242-C	0.5000	0.1667	3
			1148376			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:30:53
Reprocess Number	: buf2042: 83323		
Operator	: tchrom	Sample Name	: ACM42OA
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 22:52:57	Cycle	: 6

Raw Data File : H:\TURBO6\5890-19\19A38031.raw <Modified>
Result File : H:\TURBO6\5890-19\19A38031.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A38031.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A38031.rst
Calib Method : h:\turbo6\5890-19\sa42(11-30-05).mth from H:\TURBO6\5890-19\19A38031.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.77		1227090	AR1242	0.5343	2.2968e+06	2.4542e+06	-11.0
		1227090		0.5343		2.4542e+06	

DEC 1 2005

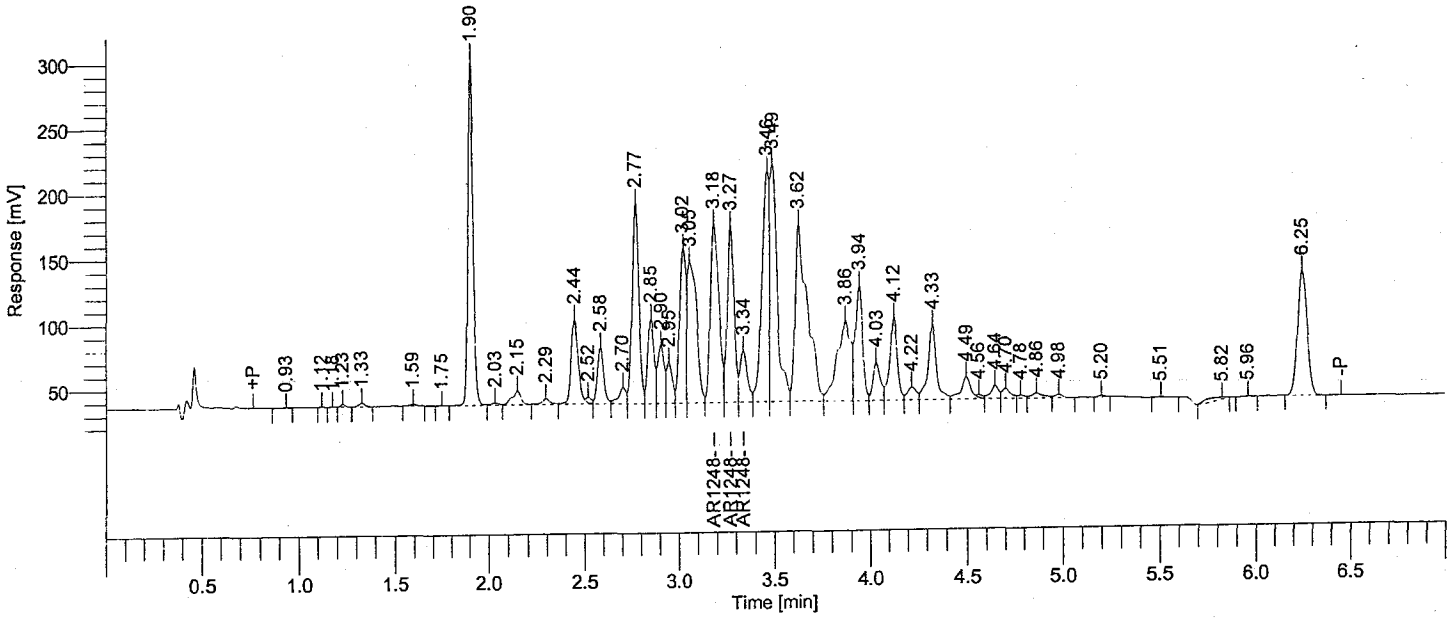
12/01/2005 09:30:53 Result: H:\TURBO6\5890-19\19A38031.rst

Group Report For : AR1242

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.45	VE	364224	AR1242-A	0.5270	6.9114e+05	7.2845e+05	-12.2
2.58	VV	226288	AR1242-B	0.5408	4.1841e+05	4.5258e+05	-9.9
2.77	VV	636578	AR1242-C	0.5362	1.1872e+06	1.2732e+06	-10.6
		1227090		1.6040		2.4542e+06	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:31:00
Reprocess Number	: buf2042: 83325		
Operator	: tchrom	Sample Name	: ICM48RA
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 23:10:57	Cycle	: 7

Raw Data File : H:\TURBO6\5890-19\19A38032.raw <Modified>
Result File : H:\TURBO6\5890-19\19A38032.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A38032.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A38032.rst
Calib Method : h:\turbo6\5890-19\sa48(11-30-05).mth from H:\TURBO6\5890-19\19A38032.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	3.18		873312	AR1248	0.5000	0.1667	3
			873312			0.1667	

Processed by: GRD 12/1/05
Reviewed by: DEC 11 2005

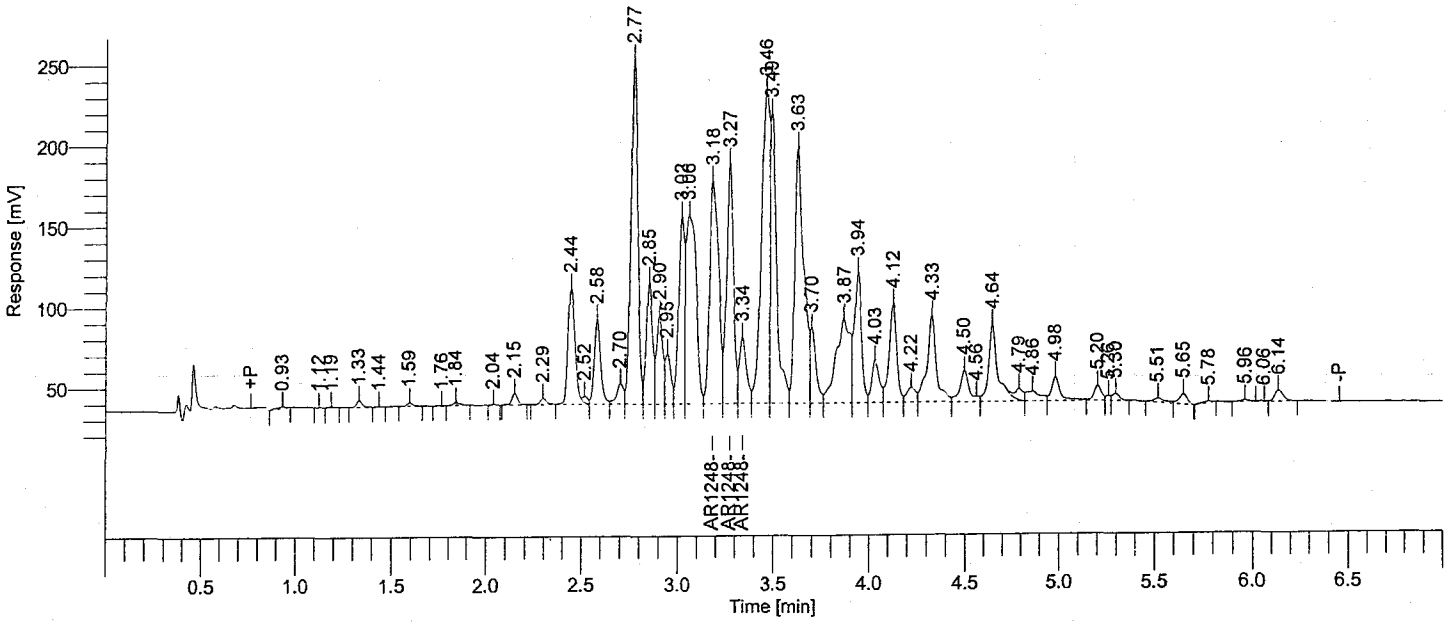
12/01/2005 09:31:00 Result: H:\TURBO6\5890-19\19A38032.rst

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
22	3.18	VV	428746	AR1248-A	0.5000	0.1667	3
23	3.27	VV	341113	AR1248-B	0.5000	0.1667	3
24	3.34	VV	103452	AR1248-C	0.5000	0.1667	3
			873312			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:31:06
Reprocess Number	: buf2042: 83327		
Operator	: tchrom	Sample Name	: ACM48MA
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 23:28:54	Cycle	: 8

Raw Data File : H:\TURBO6\5890-19\19A38033.raw <Modified>
Result File : H:\TURBO6\5890-19\19A38033.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A38033.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A38033.rst
Calib Method : h:\turbo6\5890-19\sa48(11-30-05).mth from H:\TURBO6\5890-19\19A38033.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.27		933436	AR1248	0.5344	1.7466e+06	1.8669e+06	-10.9
		933436		0.5344		1.8669e+06	

DEC 1 2005

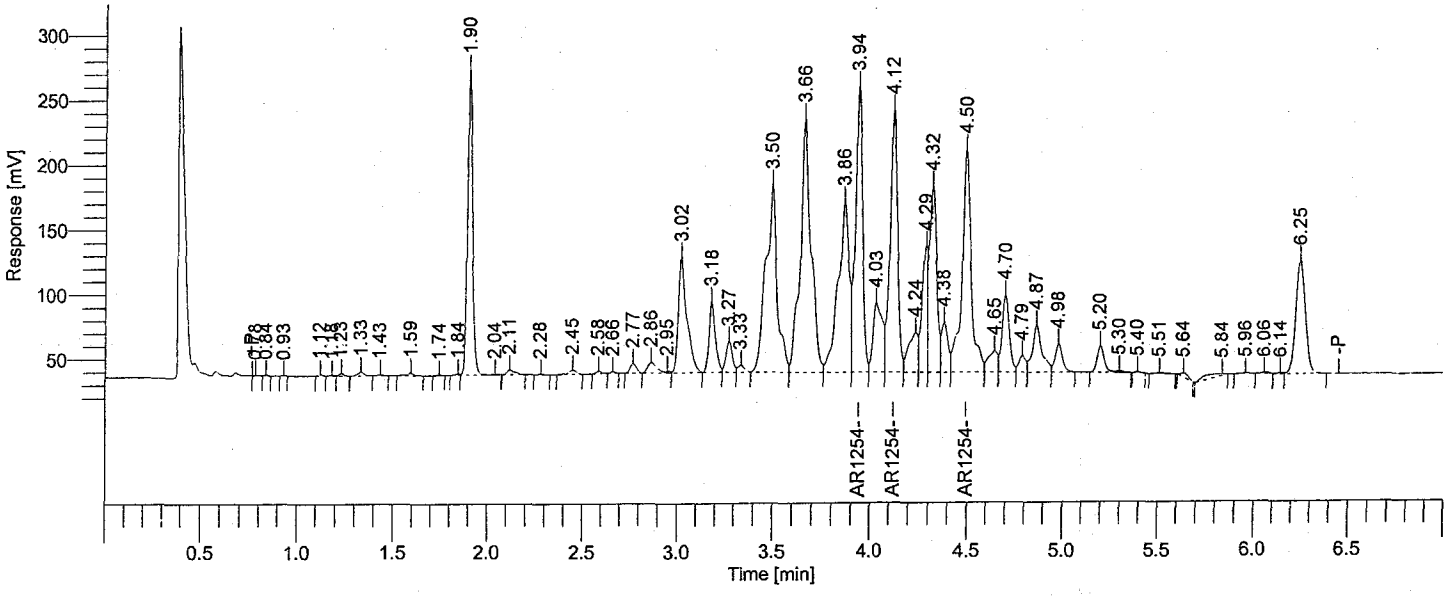
12/01/2005 09:31:06 Result: H:\TURBO6\5890-19\19A38033.rst

Group Report For : AR1248

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.18	VV	451136	AR1248-A	0.5261	8.5749e+05	9.0227e+05	-12.3
3.27	VV	376090	AR1248-B	0.5513	6.8223e+05	7.5218e+05	-8.1
3.34	VV	106210	AR1248-C	0.5133	2.0690e+05	2.1242e+05	-14.4
		933436		1.5907		1.8669e+06	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:31:12
Reprocess Number	: buf2042: 83329		
Operator	: tchrom	Sample Name	: ICM54TC
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 23:46:53	Cycle	: 9

Raw Data File : H:\TURBO6\5890-19\19A38034.raw <Modified>
Result File : H:\TURBO6\5890-19\19A38034.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A38034.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A38034.rst
Calib Method : h:\turbo6\5890-19\sa54(11-30-05).mth from H:\TURBO6\5890-19\19A38034.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	3.94		1699872	AR1254	0.5000	0.1667	3
			1699872			0.1667	

Processed by: BFD 12/1/05
Reviewed by: DEC 1 1 2005

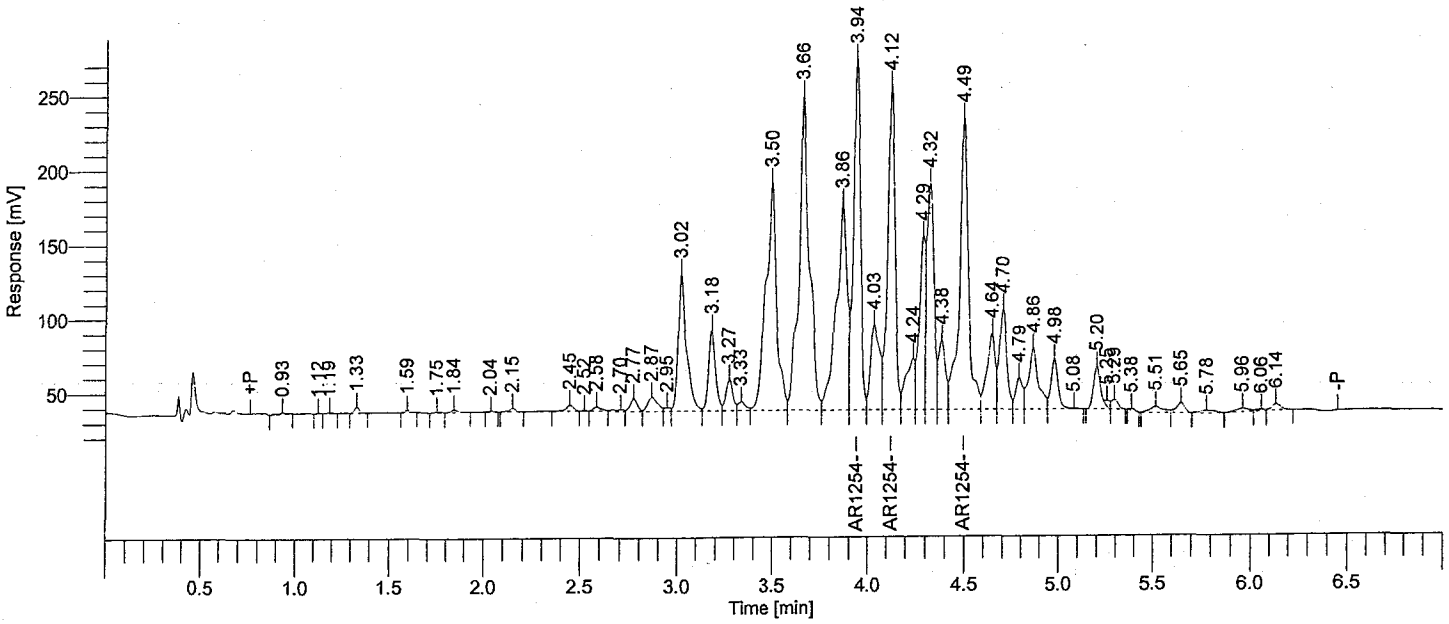
12/01/2005 09:31:12 Result: H:\TURBO6\5890-19\19A38034.rst

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
29	3.94	VV	571439	AR1254-A	0.5000	0.1667	3
31	4.12	VV	551705	AR1254-B	0.5000	0.1667	3
36	4.50	VV	576727	AR1254-C	0.5000	0.1667	3
			1699872			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:31:18
Reprocess Number	: buf2042: 83331		
Operator	: tchrom	Sample Name	: ACM54RA
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 00:04:49	Cycle	: 10

Raw Data File : H:\TURBO6\5890-19\19A38035.raw <Modified>
Result File : H:\TURBO6\5890-19\19A38035.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A38035.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A38035.rst
Calib Method : h:\turbo6\5890-19\sa54(11-30-05).mth from H:\TURBO6\5890-19\19A38035.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.94		1830917	AR1254	0.5385	3.3997e+06	3.6618e+06	-10.2
		1830917		0.5385		3.6618e+06	

9 DEC 1 2005

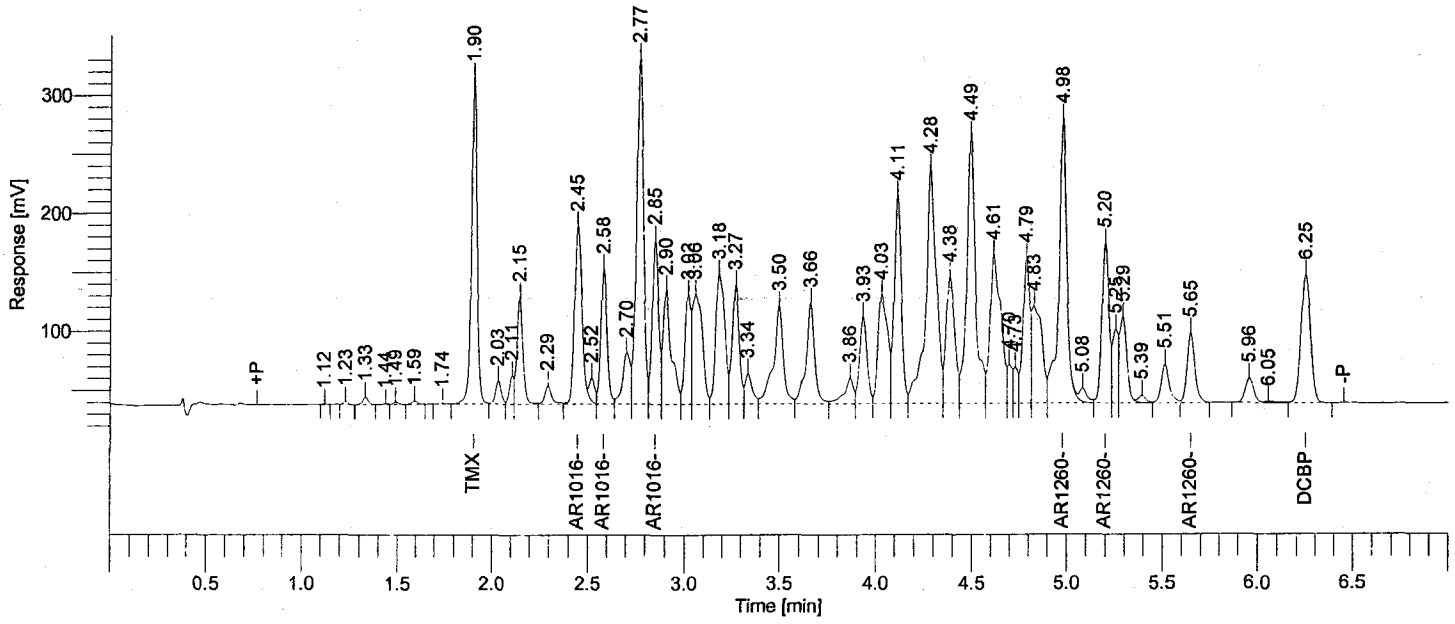
12/01/2005 09:31:18 Result: H:\TURBO6\5890-19\19A38035.rst

Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.94	VV	612192	AR1254-A	0.5357	1.1429e+06	1.2244e+06	-10.7
4.12	VV	586690	AR1254-B	0.5317	1.1034e+06	1.1734e+06	-11.4
4.49	VV	632035	AR1254-C	0.5479	1.1535e+06	1.2641e+06	-8.7
		1830917		1.6153		3.6618e+06	

Software Version	: 6.2.1.0.104:0104	Date	: 12/13/2005 19:44:53
Reprocess Number	: buf2046: 32124		
Operator	: tchrom	Sample Name	: ICM66MN
Sample Number	: 0.5	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/13/2005 18:52:04	Cycle	: 11

Raw Data File : H:\TURBO6\5890-19\19A39160.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39160.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39160.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39160.rst
Calib Method : h:\turbo6\5890-19\sa66(11-30-05).mth from H:\TURBO6\5890-19\19A39160.rst
Report Format File: h:\turbo6\5890-19\s%d.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
1.90	VV	549371	TMX	0.0308	1.7849e+07	1.0987e+06	2.6	1.83 - 1.97
2.45		992825	AR1016	0.5335	1.8609e+06	1.9857e+06	6.7	2.38 - 2.52
4.98		1249459	AR1260	0.5674	2.2020e+06	2.4989e+06	13.5	4.91 - 5.05
6.25	VB	389227	DCBP	0.0328	1.1859e+07	7.7845e+05	9.4	6.18 - 6.32
		3180882		1.1645		6.3618e+06		

Group Report For : AR1016

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
2.45	VE	421941	AR1016-A	0.5327	7.9213e+05	8.4388e+05	6.5	2.38 - 2.52
2.58	VV	258747	AR1016-B	0.5312	4.8710e+05	5.1749e+05	6.2	2.51 - 2.65
2.85	VV	312138	AR1016-C	0.5366	5.8173e+05	6.2428e+05	7.3	2.78 - 2.92
		992825		1.6004		1.9857e+06		

12/13/05

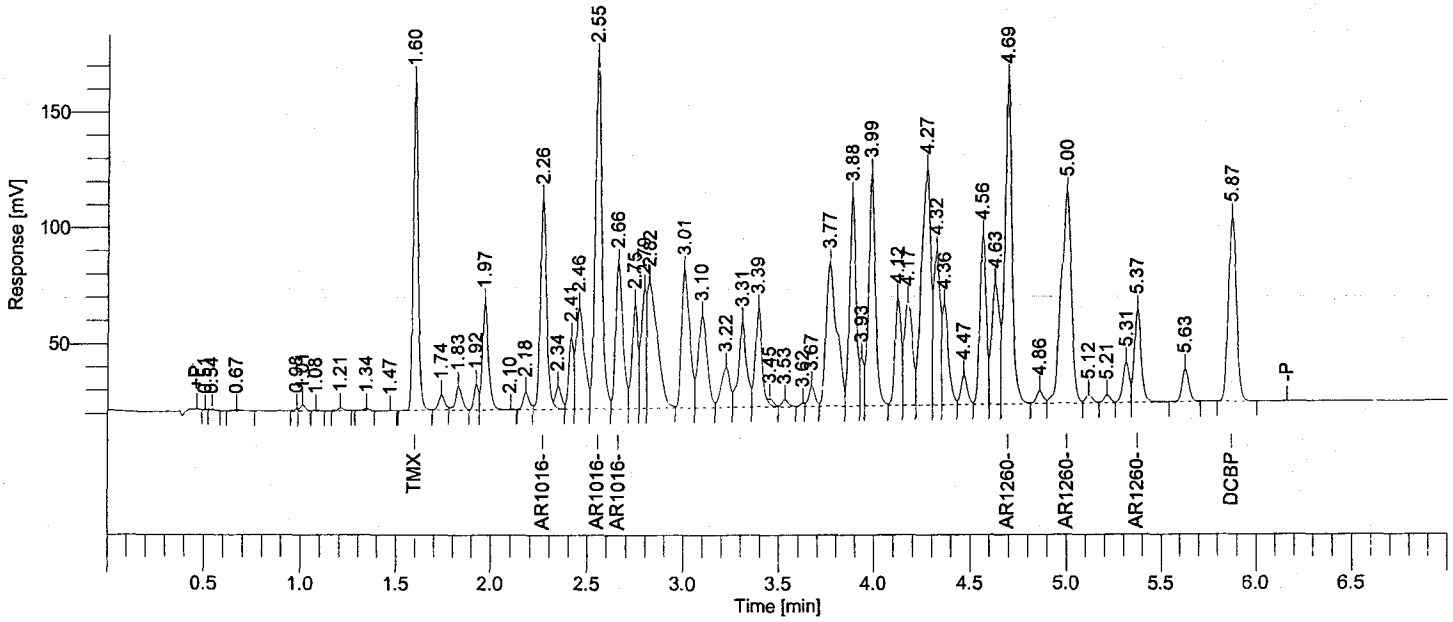
12/13/2005 19:44:53 Result: H:\TURBO6\5890-19\19A39160.rst

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
4.98	VE	728021	AR1260-A	0.5594	1.3013e+06	1.4560e+06	11.9	4.91 - 5.05
5.20	VV	355662	AR1260-B	0.5588	6.3644e+05	7.1132e+05	11.8	5.13 - 5.27
5.65	VB	165776	AR1260-C	0.6282	2.6388e+05	3.3155e+05	25.6	5.58 - 5.72
		1249459		1.7465		2.4989e+06		

Software Version	: 6.2.1.0.104:0104	Date	: 12/13/2005 19:44:55
Reprocess Number	: buf2046: 32125		
Operator	: tchrom	Sample Name	: ICM66MN
Sample Number	: 0.5	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/13/2005 18:52:04	Cycle	: 11

Raw Data File : H:\TURBO6\5890-19\19B39160.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39160.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39160.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39160.rst
Calib Method : h:\turbo6\5890-19\sb66(11-30-05).mth from H:\TURBO6\5890-19\19B39160.rst
Report Format File: h:\turbo6\5890-19\s%d.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Window
1.60	BV	256213	TMX	0.0316	8.1110e+06	5.1243e+05	5.3	1.53	-	1.67
2.55		727410	AR1016	0.5470	1.3299e+06	1.4548e+06	9.4	2.48	-	2.62
4.69		801739	AR1260	0.5310	1.5099e+06	1.6035e+06	6.2	4.62	-	4.76
5.87	VB	232396	DCBP	0.0315	7.3816e+06	4.6479e+05	4.9	5.80	-	5.94
		2017759		1.1410		4.0355e+06				

12/13/05

Group Report For : AR1016

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Window
2.26	VE	206154	AR1016-A	0.5458	3.7774e+05	4.1231e+05	9.2	2.19	-	2.33
2.55	VV	361805	AR1016-B	0.5495	6.5843e+05	7.2361e+05	9.9	2.48	-	2.62
2.66	VV	159451	AR1016-C	0.5429	2.9372e+05	3.1890e+05	8.6	2.59	-	2.73
		727410		1.6381		1.4548e+06				

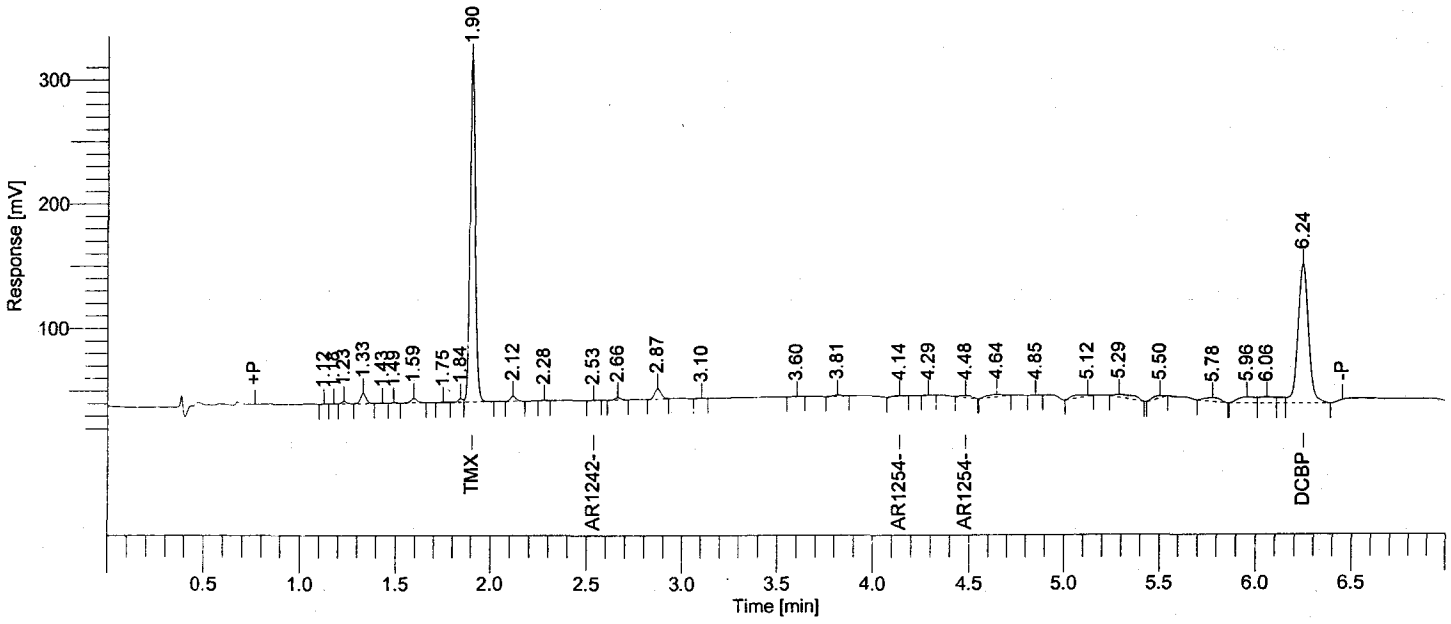
12/13/2005 19:44:55 Result: H:\TURBO6\5890-19\19B39160.rst

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
4.69	VV	363996	AR1260-A	0.5345	6.8100e+05	7.2799e+05	6.9	4.62 - 4.76
5.00	VV	337096	AR1260-B	0.5294	6.3671e+05	6.7419e+05	5.9	4.93 - 5.07
5.37	VV	100647	AR1260-C	0.5238	1.9215e+05	2.0129e+05	4.8	5.30 - 5.44
		801739		1.5877		1.6035e+06		

Software Version	: 6.2.1.0.104:0104	Date	: 12/13/2005 19:44:56
Reprocess Number	: buf2046: 32126		
Operator	: tchrom	Sample Name	: ICM3IN
Sample Number	: 0.03	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/13/2005 19:10:02	Cycle	: 12

Raw Data File : H:\TURBO6\5890-19\19A39161.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39161.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39161.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39161.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(11-30-05).mth from H:\TURBO6\5890-19\19A39161.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
10	1.90	VB	519191	TMX	0.0290	------	0
	4.48		10474	AR1254	0.0031	0.0010	3
30	6.24	VB	423793	DCBP	0.0365	------	0
			953457			0.0010	

12/16/05

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.45		0	AR1242-A	0.0000	------	-
13	2.53	BB	269	AR1242-B	6.4e-04	2.1e-04	3
-	2.77		0	AR1242-C	0.0000	------	-
			269			2.1e-04	

12/13/2005 19:44:56 Result: H:\TURBO6\5890-19\19A39161.rst

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.18		0	AR1248-A	0.0000	------	-
-	3.27		0	AR1248-B	0.0000	------	-
-	3.34		0	AR1248-C	0.0000	------	-
			0			0.0000	

Group Report For : AR1254

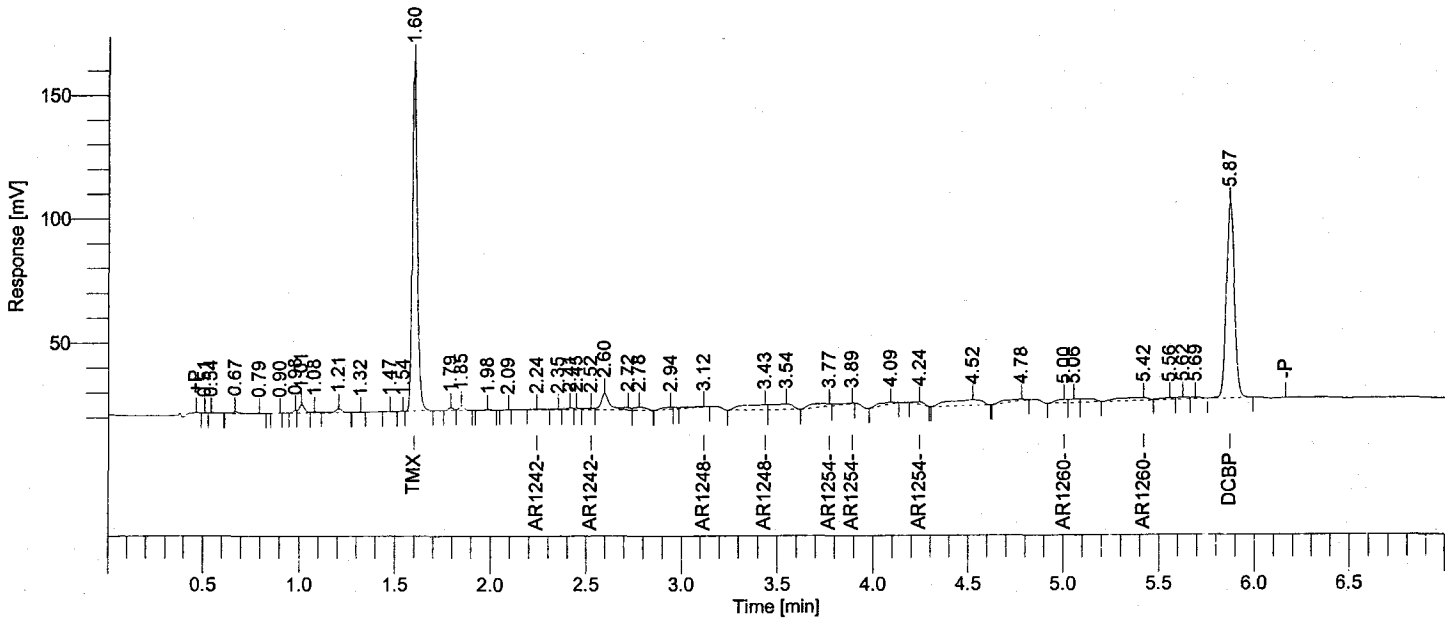
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.94		0	AR1254-A	0.0000	------	-
19	4.14	BB	3014	AR1254-B	0.0027	9.1e-04	3
21	4.48	BB	7459	AR1254-C	0.0065	0.0022	3
			10474			0.0031	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.98		0	AR1260-A	0.0000	------	-
-	5.20		0	AR1260-B	0.0000	------	-
-	5.65		0	AR1260-C	0.0000	------	-
			0			0.0000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/13/2005 19:44:57
Reprocess Number	: buf2046: 32127		
Operator	: tchrom	Sample Name	: ICM3IN
Sample Number	: 0.03	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/13/2005 19:10:02	Cycle	: 12

Raw Data File : H:\TURBO6\5890-19\19B39161.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39161.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39161.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39161.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(11-30-05).mth from H:\TURBO6\5890-19\19B39161.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
13	1.60	VB	255542	TMX	0.0315	------	0
	3.43		22759	AR1248	0.0086	0.0069	3
	4.24		17122	AR1254	0.0091	0.0030	3
	5.00		19210	AR1260	-0.0138	-5e-03	3
42	5.87	BB	229281	DCBP	0.0310	------	0
			543914			0.0053	

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
18	2.24	BV	963	AR1242-A	0.0029	9.7e-04	3
22	2.52	VV	2573	AR1242-B	0.0045	0.0015	3
-	2.66		0	AR1242-C	0.0000	------	-
			3536			0.0025	

BW 12/13/05

12/13/2005 19:44:57 Result: H:\TURBO6\5890-19\19B39161.rst

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.01		0	AR1248-A	0.0000	------	-
27	3.12	VB	3058	AR1248-B	0.0089	0.0030	3
28	3.43	BV	19701	AR1248-C	0.0562	0.0187	3
			22759			0.0217	

Group Report For : AR1254

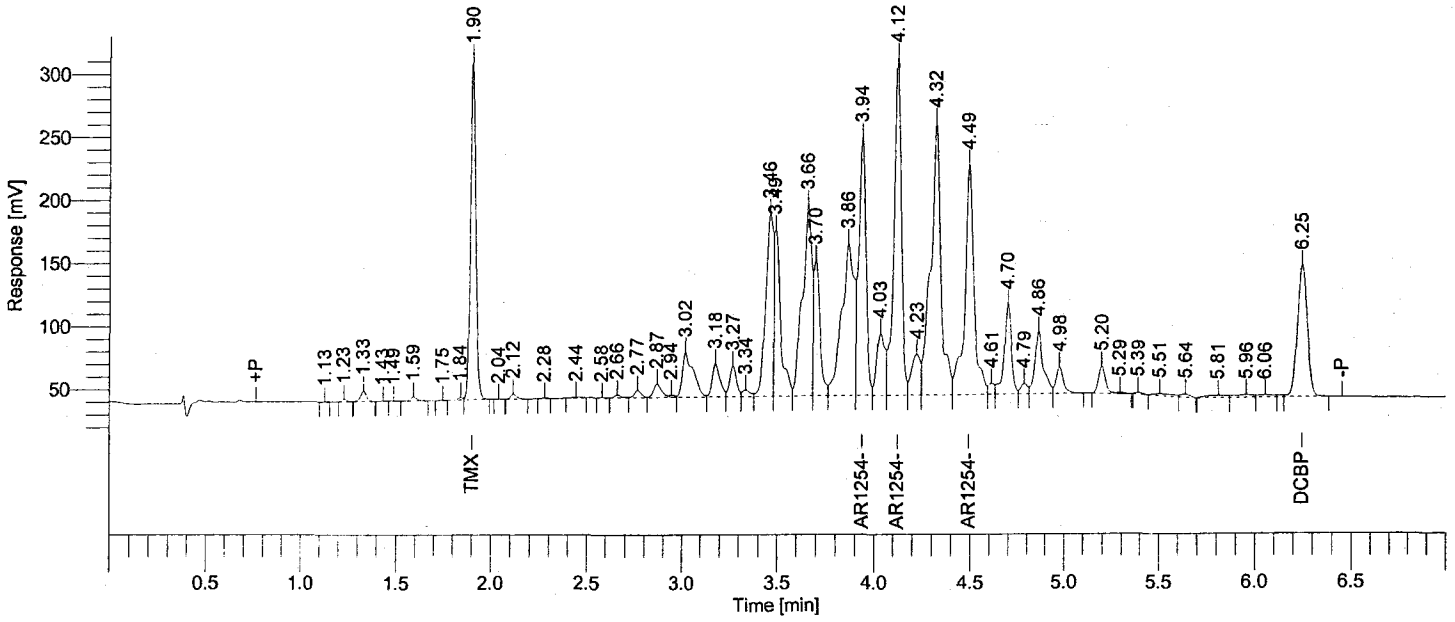
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
30	3.77	BV	10520	AR1254-A	0.0153	0.0051	3
31	3.89	VB	2911	AR1254-B	0.0045	0.0015	3
33	4.24	BB	3691	AR1254-C	0.0068	0.0023	3
			17122			0.0089	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.70		0	AR1260-A	0.0000	-------	-
36	5.00	BV	5754	AR1260-B	-0.0189	-6e-03	3
38	5.42	VV	13456	AR1260-C	0.0516	0.0172	3
			19210			0.0109	

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:15:51
Reprocess Number	: buf2042: 85614		
Operator	: tchrom	Sample Name	: ICM54UA
Sample Number	: 0.5	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/13/2005 22:27:57	Cycle	: 11

Raw Data File : H:\TURBO6\5890-19\19A39172.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39172.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39172.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39172.rst
Calib Method : h:\turbo6\5890-19\sa54(11-30-05).mth from H:\TURBO6\5890-19\19A39172.rst
Report Format File: h:\turbo6\5890-19\s%d.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
1.90	VB	514293	TMX	0.0287	1.7944e+07	1.0286e+06	-4.5	1.83 - 1.97
4.12		1879713	AR1254	0.5529	3.3997e+06	3.7594e+06	10.6	4.05 - 4.19
6.25	VB	371515	DCBP	0.0310	1.2000e+07	7.4303e+05	3.2	6.18 - 6.32
		2765521		0.6125		5.5310e+06		

12/14/05

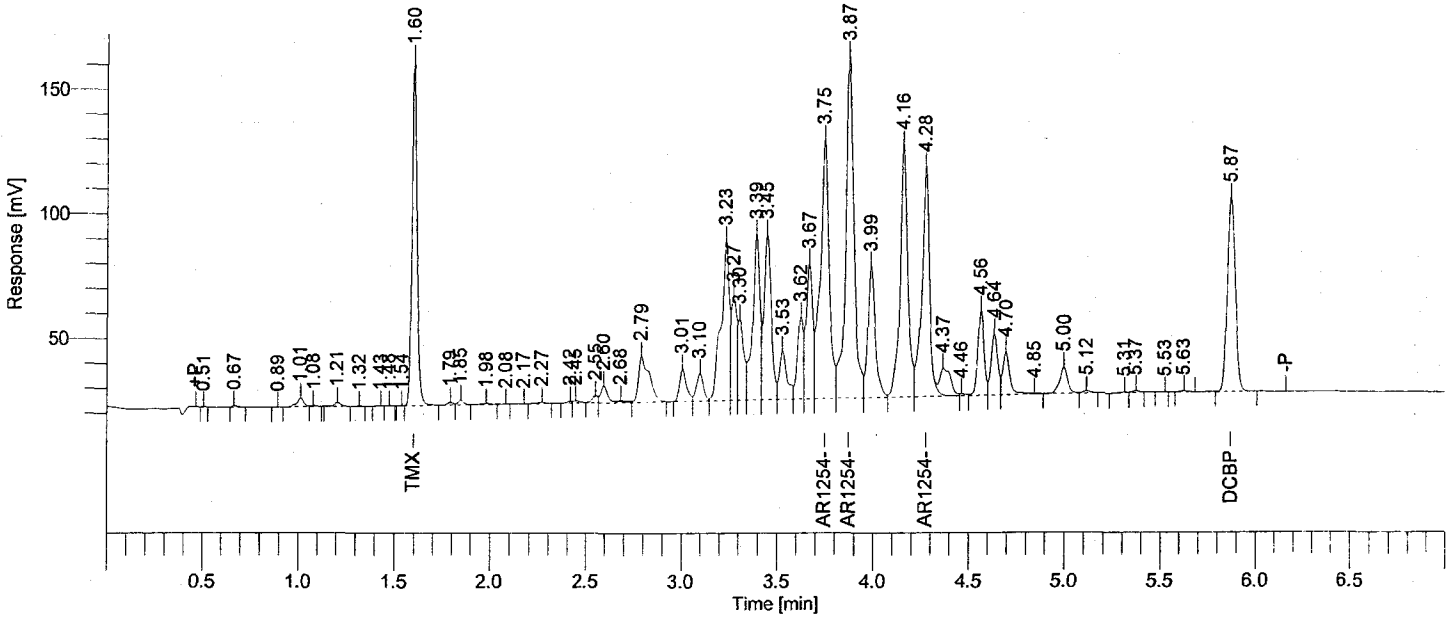
12/14/2005 07:15:51 Result: H:\TURBO6\5890-19\19A39172.rst

Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
3.94	VV	546207	AR1254-A	0.4779	1.1429e+06	1.0924e+06	-4.4	3.87 - 4.01
4.12	VV	723041	AR1254-B	0.6553	1.1034e+06	1.4461e+06	31.1	4.05 - 4.19
4.49	VV	610465	AR1254-C	0.5292	1.1535e+06	1.2209e+06	5.8	4.42 - 4.56
		1879713		1.6625		3.7594e+06		

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:15:55
Reprocess Number	: buf2042: 85615		
Operator	: tchrom	Sample Name	: ICM54UA
Sample Number	: 0.5	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/13/2005 22:27:57	Cycle	: 11

Raw Data File : H:\TURBO6\5890-19\19B39172.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39172.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39172.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39172.rst
Calib Method : h:\turbo6\5890-19\sb54(11-30-05).mth from H:\TURBO6\5890-19\19B39172.rst
Report Format File: h:\turbo6\5890-19\s%d.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
1.60	VV	256186	TMX	0.0316	8.1111e+06	5.1237e+05	5.3	1.53 - 1.67
3.87		1009180	AR1254	0.5375	1.8776e+06	2.0184e+05	7.5	3.80 - 3.94
5.87	VB	224877	DCBP	0.0302	7.4410e+06	4.4975e+05	0.7	5.80 - 5.94
		1490243		0.5993		2.9805e+06		

12/14/05

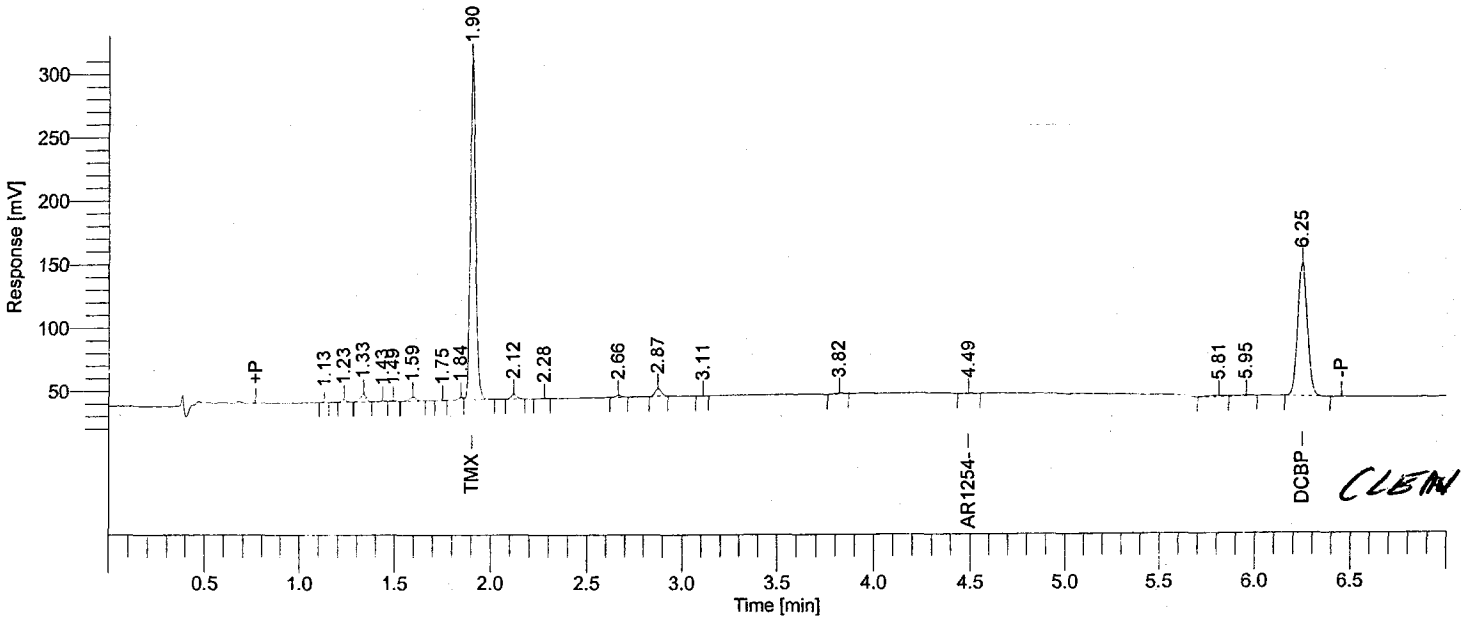
12/14/2005 07:15:55 Result: H:\TURBO6\5890-19\19B39172.rst

Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
3.75	VV	332465	AR1254-A	0.4819	6.8984e+05	6.6493e+05	-3.6	3.68 - 3.82
3.87	VV	411503	AR1254-B	0.6363	6.4673e+05	8.2301e+05	27.3	3.80 - 3.94
4.28	VE	265213	AR1254-C	0.4902	5.4104e+05	5.3043e+05	-2.0	4.21 - 4.35
		1009180		1.6084		2.0184e+06		

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:16:00
Reprocess Number	: buf2042: 85616		
Operator	: tchrom	Sample Name	: ICM3IN
Sample Number	: 0.03	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/13/2005 22:46:05	Cycle	: 12

Raw Data File : H:\TURBO6\5890-19\19A39173.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39173.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39173.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39173.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(11-30-05).mth from H:\TURBO6\5890-19\19A39173.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq

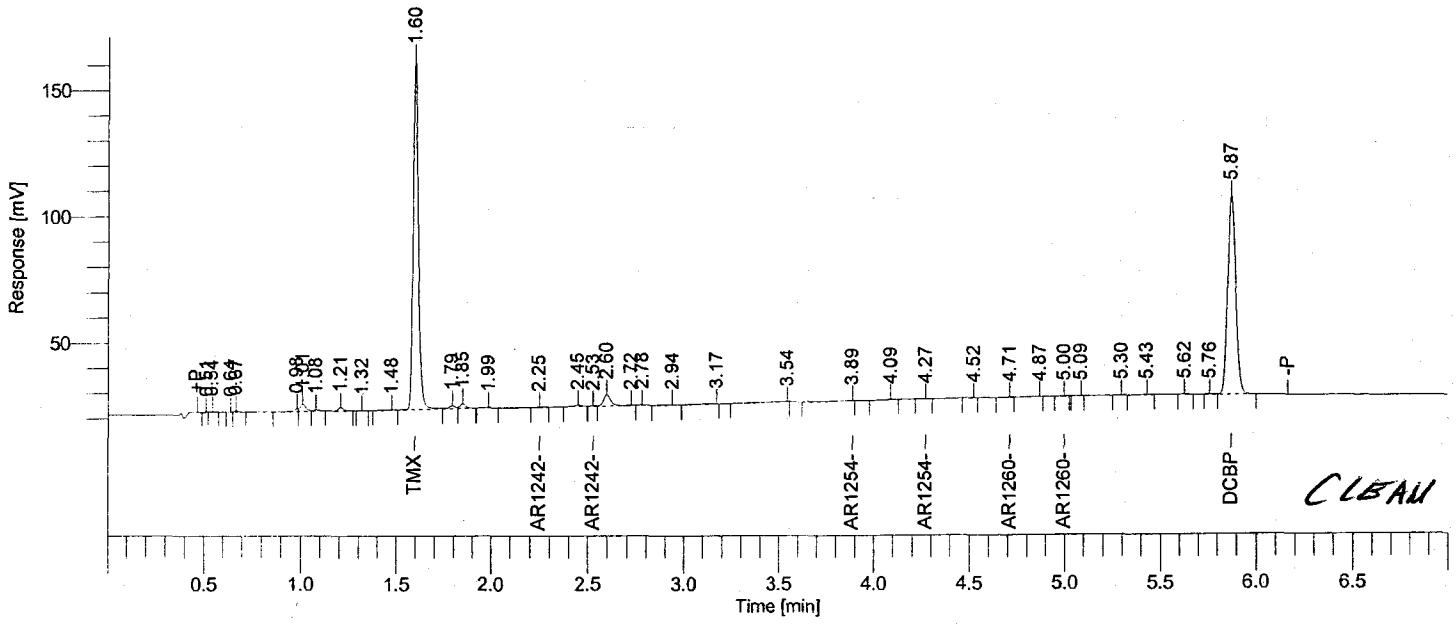


Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
9	1.90	VB	516228	TMX	0.0288	-------	0
19	6.25	BB	369270	DCBP	0.0307	-------	0
			885498			0.0000	

12/14/05

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:16:04
Reprocess Number	: buf2042: 85617		
Operator	: tchrom	Sample Name	: ICM3IN
Sample Number	: 0.03	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/13/2005 22:46:05	Cycle	: 12

Raw Data File : H:\TURBO6\5890-19\19B39173.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39173.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39173.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39173.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(11-30-05).mth from H:\TURBO6\5890-19\19B39173.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq

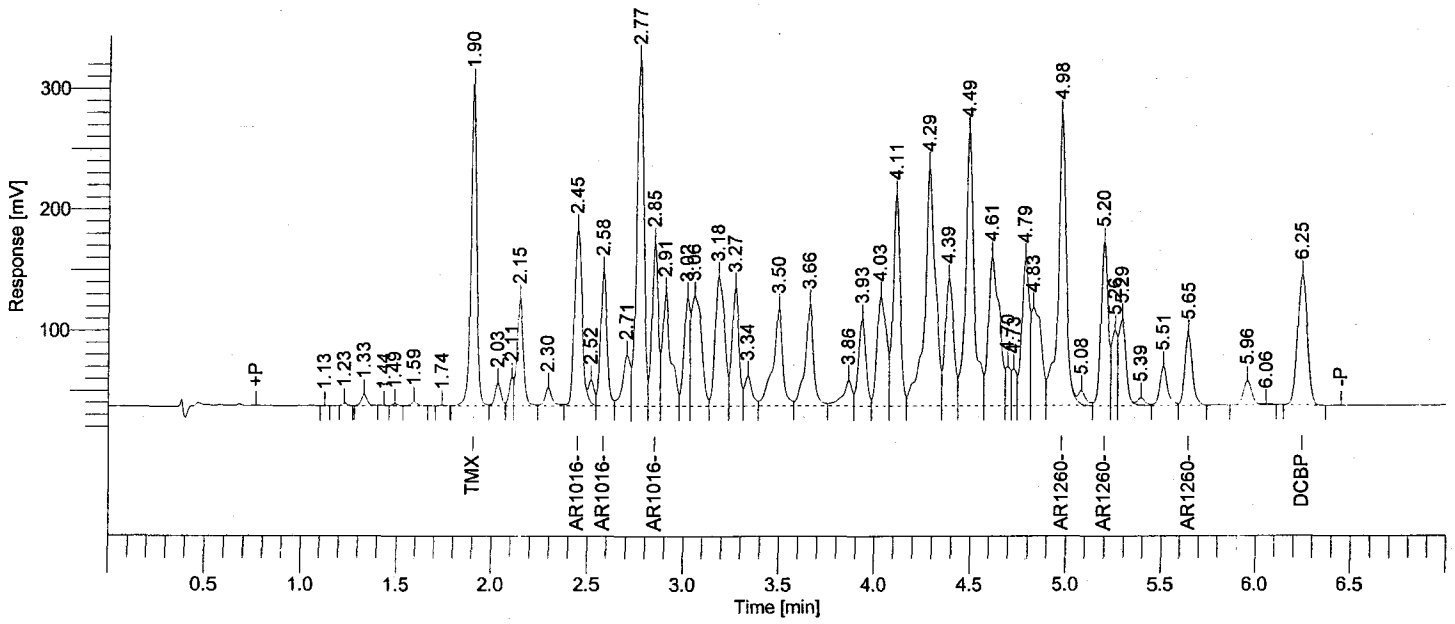


Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG ~~conc.~~	AVG NG CONC (5pts)	# PEAKS USED
11	1.60	VV	258442	TMX	0.0319	-------	0
36	5.87	VB	228075	DCBP	0.0308	-------	0
			486517			0.0000	

12/14/05
CD

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:17:25
Reprocess Number	: buf2042: 85638		
Operator	: tchrom	Sample Name	: ICM66MN
Sample Number	: 0.5	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 02:04:11	Cycle	: 23

Raw Data File : H:\TURBO6\5890-19\19A39184.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39184.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39184.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39184.rst
Calib Method : h:\turbo6\5890-19\sa66(11-30-05).mth from H:\TURBO6\5890-19\19A39184.rst
Report Format File: h:\turbo6\5890-19\s%d.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
1.90	VV	539876	TMX	0.0302	1.7873e+07	1.0798e+06	0.7	1.83 - 1.97
2.45		973441	AR1016	0.5220	1.8648e+06	1.9469e+06	4.4	2.38 - 2.52
4.98		1247684	AR1260	0.5665	2.2023e+06	2.4954e+06	13.3	4.91 - 5.05
6.25	VB	384231	DCBP	0.0323	1.1898e+07	7.6846e+05	7.6	6.18 - 6.32
		3145232		1.1510		6.2905e+06		

12/14/05

12/14/2005 07:17:25 Result: H:\TURBO6\5890-19\19A39184.rst

Group Report For : AR1016

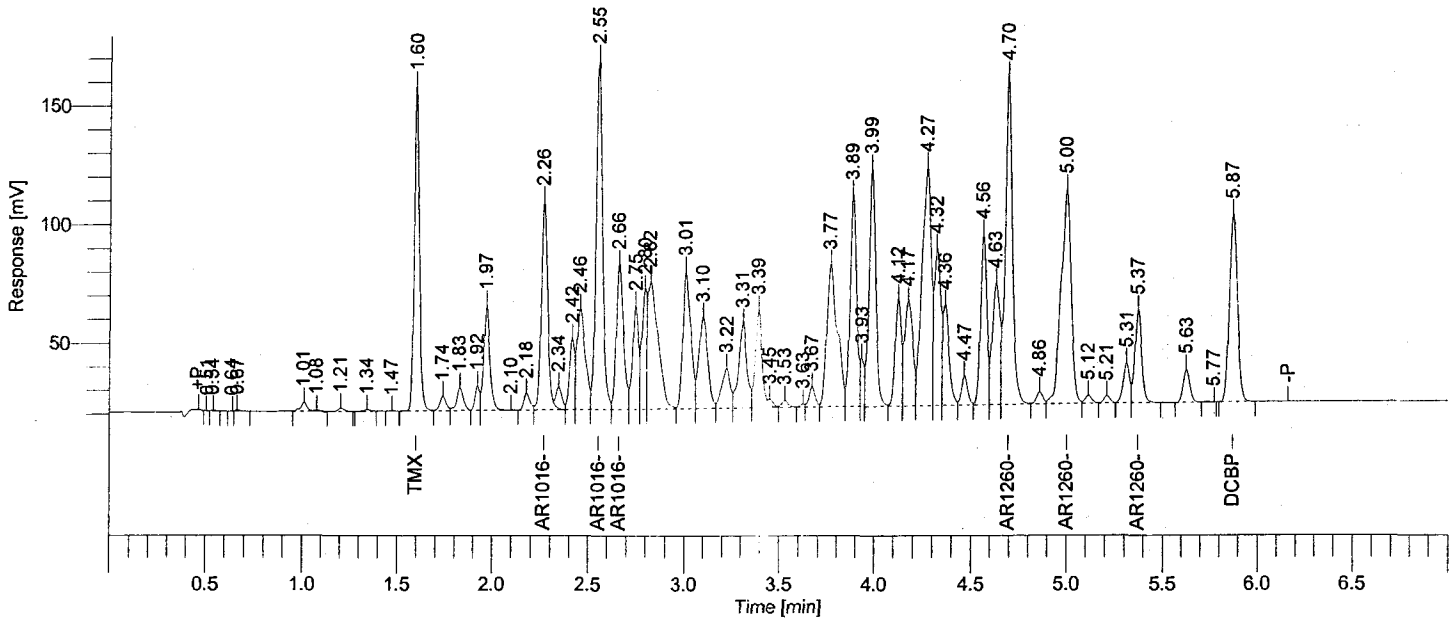
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
2.45	VE	413808	AR1016-A	0.5212	7.9399e+05	8.2762e+05	4.2	2.38 - 2.52
2.58	VV	253336	AR1016-B	0.5190	4.8814e+05	5.0667e+05	3.8	2.51 - 2.65
2.85	VV	306297	AR1016-C	0.5256	5.8277e+05	6.1259e+05	5.1	2.78 - 2.92
		973441		1.5657		1.9469e+06		

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
4.98	VE	728287	AR1260-A	0.5597	1.3013e+06	1.4566e+06	11.9	4.91 - 5.05
5.20	VV	354728	AR1260-B	0.5572	6.3660e+05	7.0946e+05	11.4	5.13 - 5.27
5.65	VB	164669	AR1260-C	0.6236	2.6406e+05	3.2934e+05	24.7	5.58 - 5.72
		1247684		1.7405		2.4954e+06		

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:17:28
Reprocess Number	: buf2042: 85639		
Operator	: tchrom	Sample Name	: ICM66MN
Sample Number	: 0.5	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 02:04:11	Cycle	: 23

Raw Data File : H:\TURBO6\5890-19\19B39184.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39184.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39184.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39184.rst
Calib Method : h:\turbo6\5890-19\sb66(11-30-05).mth from H:\TURBO6\5890-19\19B39184.rst
Report Format File: h:\turbo6\5890-19\s%d.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
1.60	BV	253366	TMX	0.0312	8.1256e+06	5.0673e+05	3.9	1.53 - 1.67
2.55		714299	AR1016	0.5360	1.3327e+06	1.4286e+06	7.2	2.48 - 2.62
4.70		788706	AR1260	0.5215	1.5125e+06	1.5774e+06	4.3	4.63 - 4.77
5.87	VB	230274	DCBP	0.0311	7.3982e+06	4.6055e+05	3.8	5.80 - 5.94
		1986645		1.1197		3.9733e+06		

12/14/05

12/14/2005 07:17:28 Result: H:\TURBO6\5890-19\19B39184.rst

Group Report For : AR1016

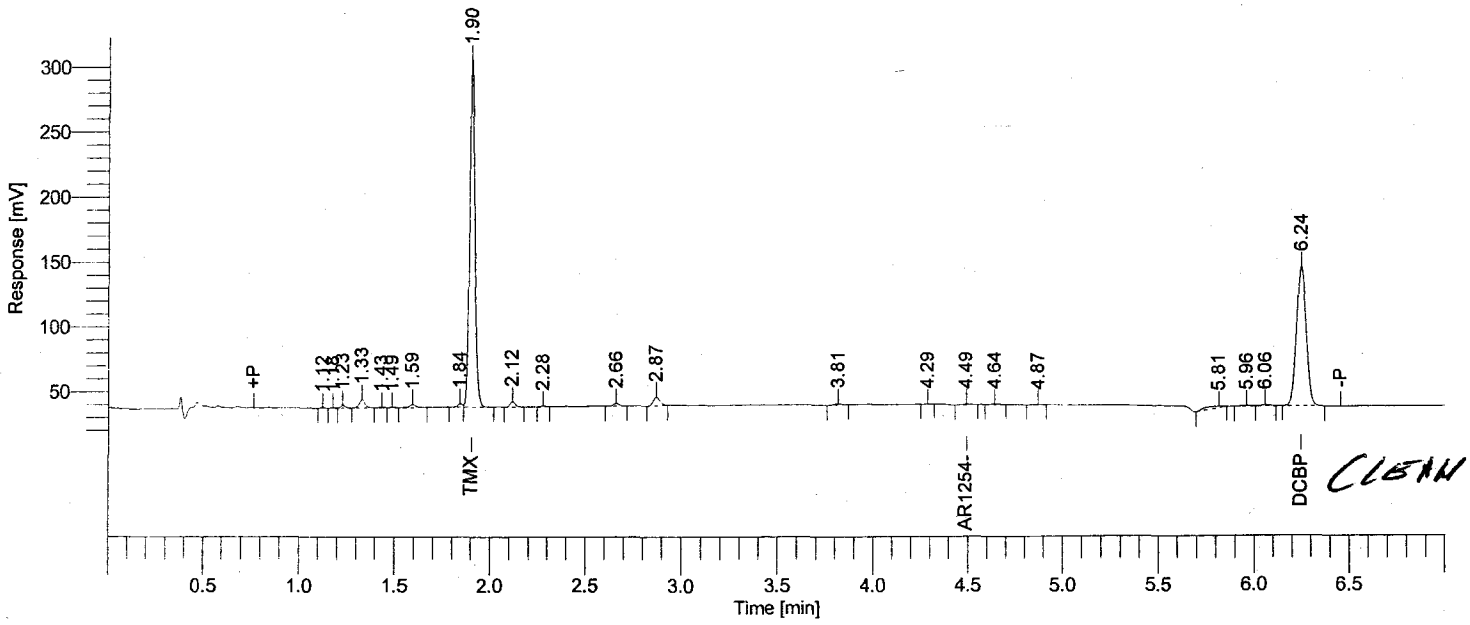
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
2.26	VE	203038	AR1016-A	0.5365	3.7845e+05	4.0608e+05	7.3	2.19 - 2.33
2.55	VV	354525	AR1016-B	0.5371	6.6002e+05	7.0905e+05	7.4	2.48 - 2.62
2.66	VV	156736	AR1016-C	0.5327	2.9424e+05	3.1347e+05	6.5	2.59 - 2.73
		714299		1.6063		1.4286e+06		

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
4.70	VV	359548	AR1260-A	0.5273	6.8187e+05	7.1910e+05	5.5	4.63 - 4.77
5.00	VV	331874	AR1260-B	0.5203	6.3780e+05	6.6375e+05	4.1	4.93 - 5.07
5.37	VB	97284	AR1260-C	0.5047	1.9277e+05	1.9457e+05	0.9	5.30 - 5.44
		788706		1.5523		1.5774e+06		

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:17:31
Reprocess Number	: buf2042: 85640		
Operator	: tchrom	Sample Name	: ICM3IN
Sample Number	: 0.03	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 02:22:09	Cycle	: 24

Raw Data File : H:\TURBO6\5890-19\19A39185.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39185.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39185.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39185.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(11-30-05).mth from H:\TURBO6\5890-19\19A39185.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq

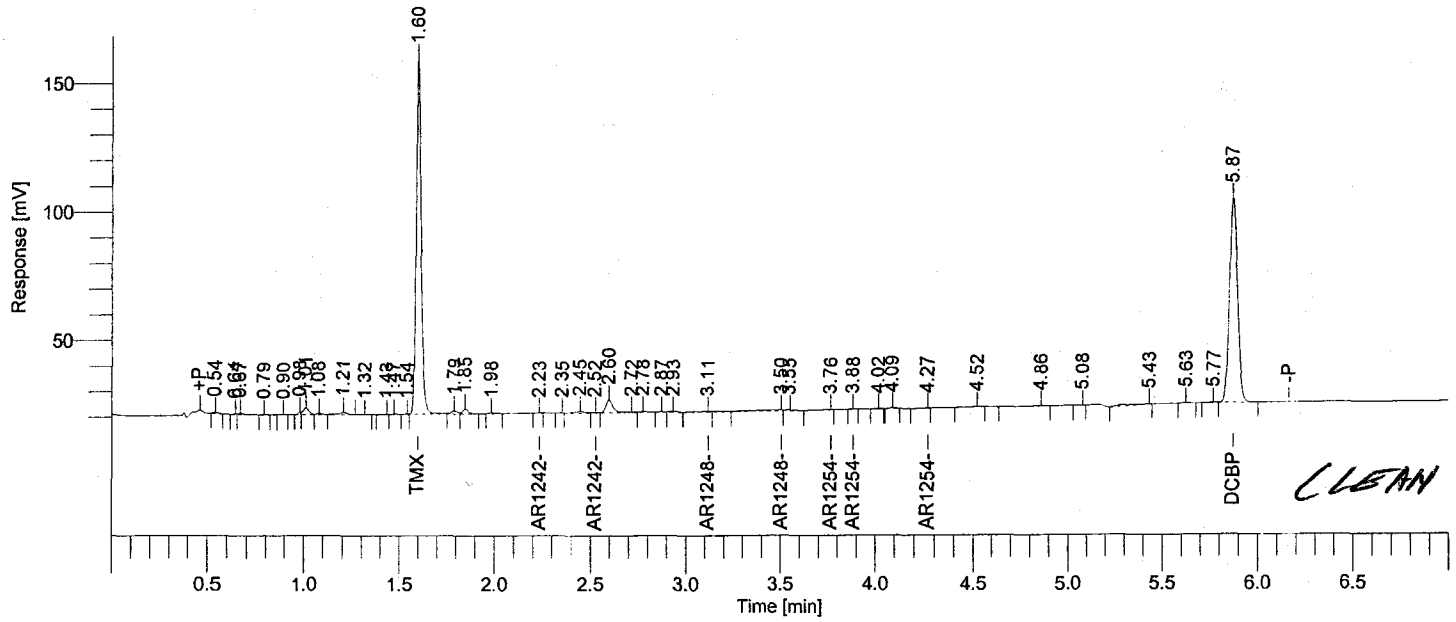


Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
9	1.90	VB	510592	TMX	0.0284	-------	0
22	6.24	VB	384629	DCBP	0.0323	-------	0
			895221			0.0000	

12/14/05 CRD

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:17:34
Reprocess Number	: buf2042: 85641		
Operator	: tchrom	Sample Name	: ICM3IN
Sample Number	: 0.03	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 02:22:09	Cycle	: 24

Raw Data File : H:\TURBO6\5890-19\19B39185.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39185.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39185.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39185.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(11-30-05).mth from H:\TURBO6\5890-19\19B39185.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq

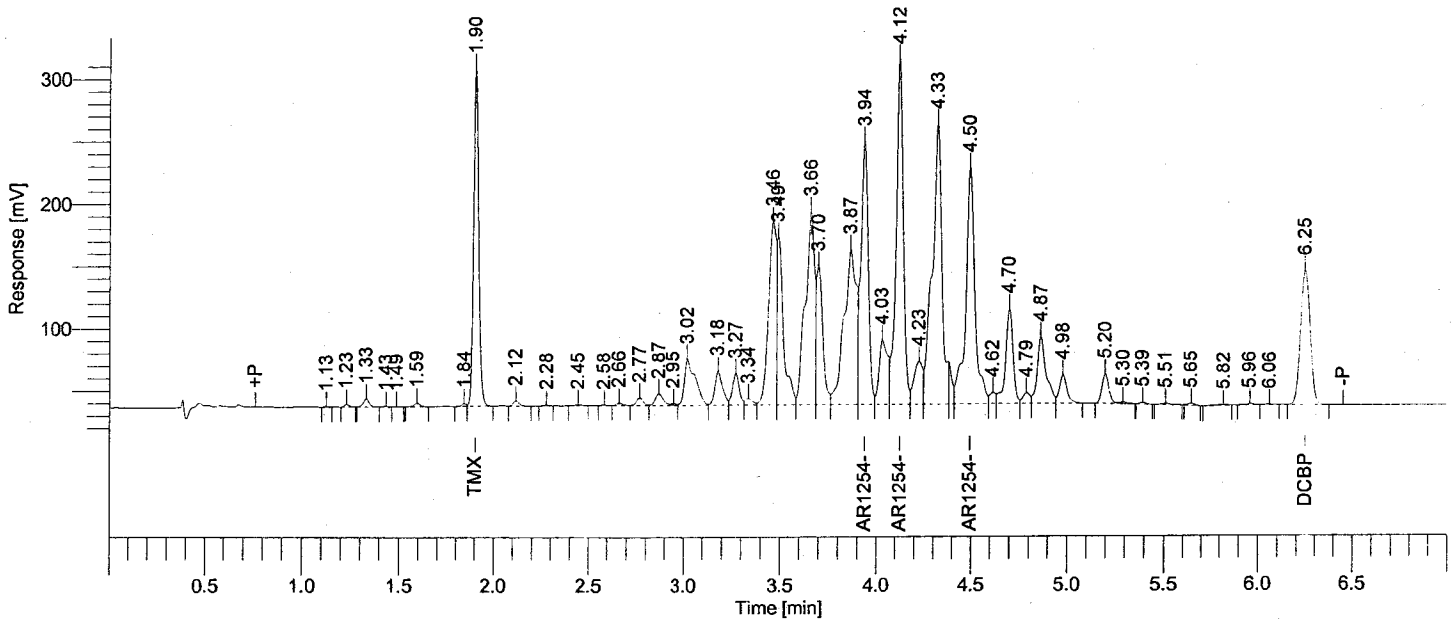


Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
14	1.60	VV	254159	TMX	0.0313	-------	0
	3.50		5495	~~AR1248~~	~~0.0050~~	0.0017	3
41	5.87	VB	231723	DCBP	0.0314	-------	0
			491377			0.0017	

12/14/05

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:18:11
Reprocess Number	: buf2042: 85656		
Operator	: tchrom	Sample Name	: ICM54UA
Sample Number	: 0.5	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 04:46:37	Cycle	: 32

Raw Data File : H:\TURBO6\5890-19\19A39193.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39193.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39193.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39193.rst
Calib Method : h:\turbo6\5890-19\sa54(11-30-05).mth from H:\TURBO6\5890-19\19A39193.rst
Report Format File: h:\turbo6\5890-19\s%d.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Window
1.90	VB	515956	TMX	0.0288	1.7939e+07	1.0319e+06	-4.1	1.83	-	1.97
4.12		1958635	AR1254	0.5761	3.3997e+06	3.9173e+06	15.2	4.05	-	4.19
6.25	VB	388326	DCBP	0.0327	1.1866e+07	7.7665e+05	9.1	6.18	-	6.32
		2862917		0.6376		5.7258e+06				

12/14/05

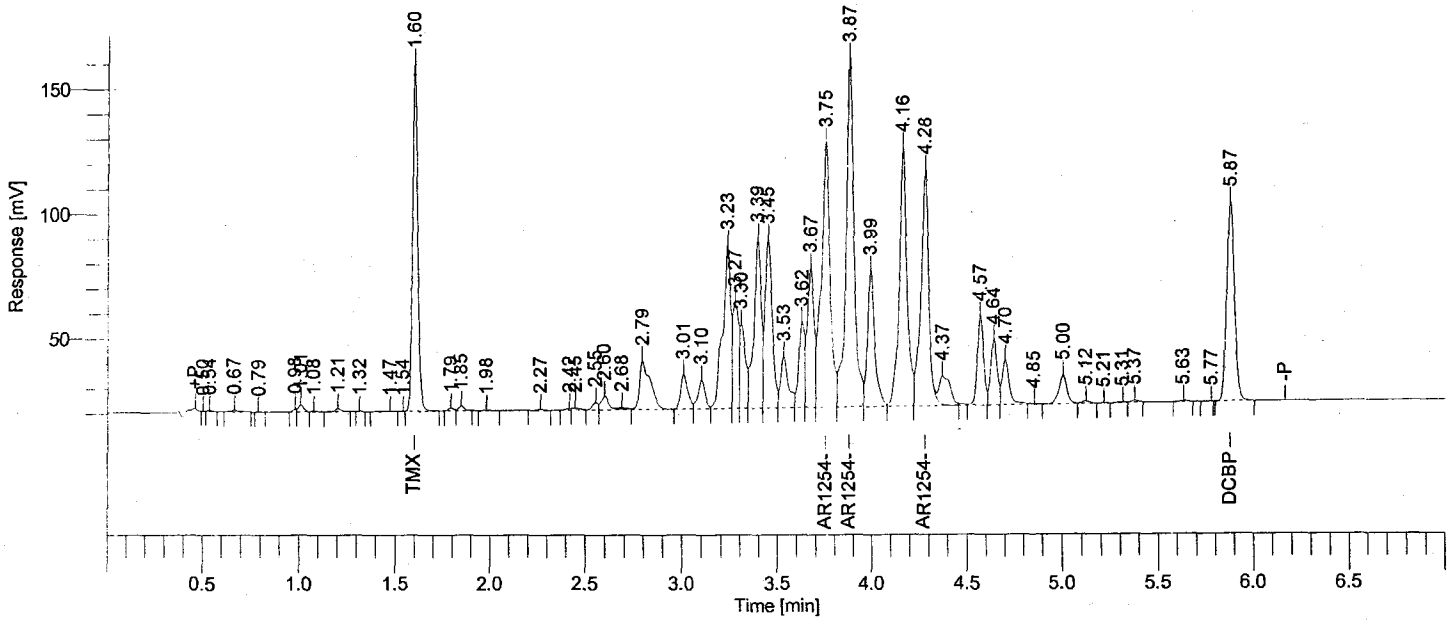
12/14/2005 07:18:11 Result: H:\TURBO6\5890-19\19A39193.rst

Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
3.94	VV	567517	AR1254-A	0.4966	1.1429e+06	1.1350e+06	-0.7	3.87 - 4.01
4.12	VV	749692	AR1254-B	0.6794	1.1034e+06	1.4994e+06	35.9	4.05 - 4.19
4.50	VV	641427	AR1254-C	0.5561	1.1535e+06	1.2829e+06	11.2	4.43 - 4.57
		1958635		1.7321		3.9173e+06		

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:18:13
Reprocess Number	: buf2042: 85657		
Operator	: tchrom	Sample Name	: ICM54UA
Sample Number	: 0.5	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 04:46:37	Cycle	: 32

Raw Data File : H:\TURBO6\5890-19\19B39193.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39193.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39193.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39193.rst
Calib Method : h:\turbo6\5890-19\sb54(11-30-05).mth from H:\TURBO6\5890-19\19B39193.rst
Report Format File: h:\turbo6\5890-19\s%d.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
1.60	VV	257218	TMX	0.0317	8.1059e+06	5.1444e+05	5.8	1.53 - 1.67
3.87		1043232	AR1254	0.5556	1.8776e+06	2.0865e+06	11.1	3.80 - 3.94
5.87	VB	232654	DCBP	0.0315	7.3796e+06	4.6531e+05	5.1	5.80 - 5.94
		1533104		0.6189		3.0662e+06		

12/14/05

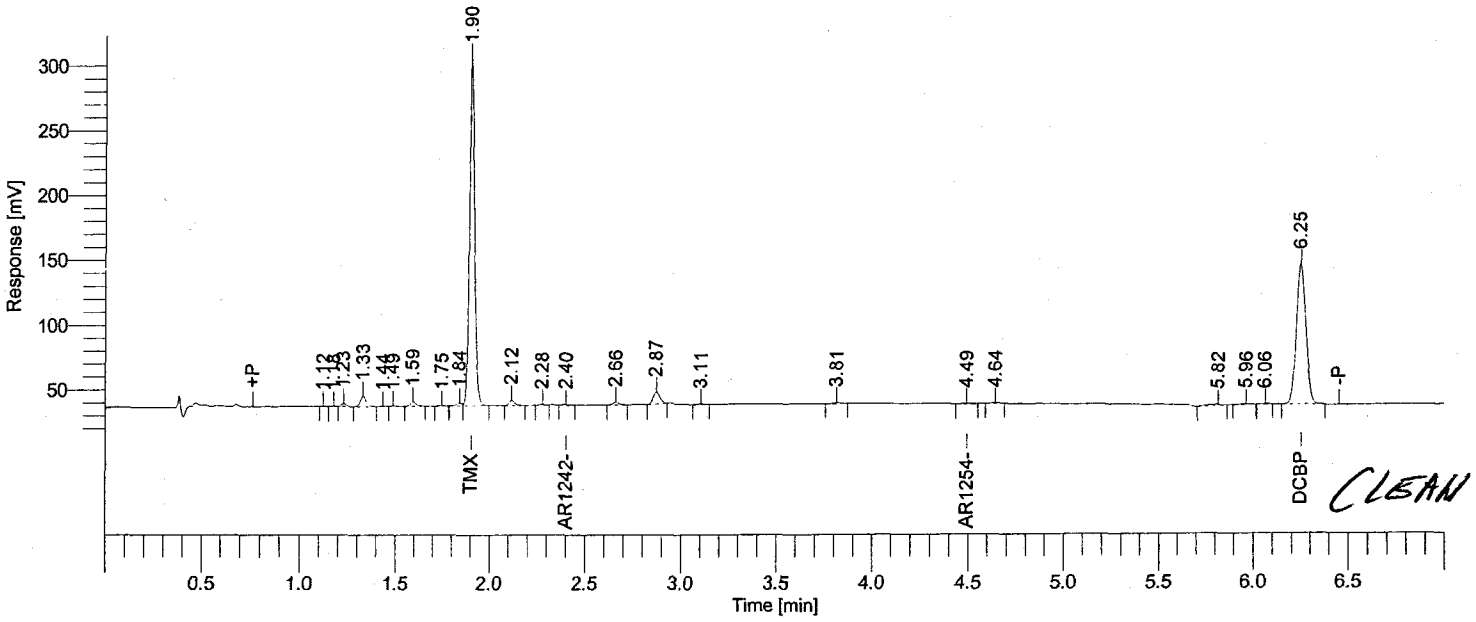
12/14/2005 07:18:13 Result: H:\TURBO6\5890-19\19B39193.rst

Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
3.75	VV	342957	AR1254-A	0.4972	6.8984e+05	6.8591e+05	-0.6	3.68 - 3.82
3.87	VV	424614	AR1254-B	0.6566	6.4673e+05	8.4923e+05	31.3	3.80 - 3.94
4.28	VE	275661	AR1254-C	0.5095	5.4104e+05	5.5132e+05	1.9	4.21 - 4.35
		1043232		1.6632		2.0865e+06		

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:18:14
Reprocess Number	: buf2042: 85658		
Operator	: tchrom	Sample Name	: ICM3IN
Sample Number	: 0.03	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 05:04:42	Cycle	: 33

Raw Data File : H:\TURBO6\5890-19\19A39194.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39194.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39194.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39194.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(11-30-05).mth from H:\TURBO6\5890-19\19A39194.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq

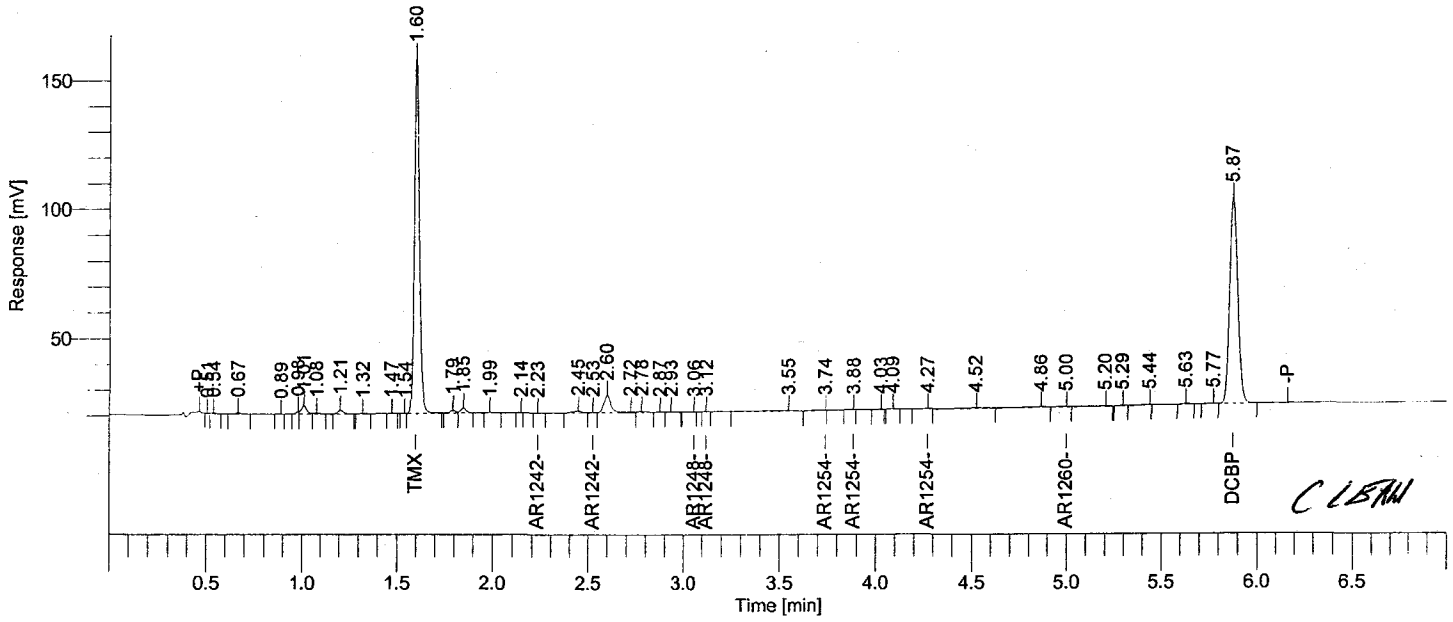


Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG ~~conc.~~	AVG NG CONC (5pts)	# PEAKS USED
10	1.90	VB	512431	TMX	0.0285	-------	0
23	6.25	BB	384925	DCBP	0.0324	-------	0
			897357			0.0000	

12/14/05

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:18:16
Reprocess Number	: buf2042: 85659		
Operator	: tchrom	Sample Name	: ICM3IN
Sample Number	: 0.03	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 05:04:42	Cycle	: 33

Raw Data File : H:\TURBO6\5890-19\19B39194.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39194.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39194.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39194.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(11-30-05).mth from H:\TURBO6\5890-19\19B39194.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc	AVG NG CONC (5pts)	# PEAKS USED
12	1.60	VV	254840	TMX	0.0314	-------	0
41	5.87	VB	233179	DCBP	0.0316	-------	0
			488020			0.0000	

12/14/05

Raw QC Data

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

288/1004

Client No.

Method Blank

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5B1914302

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 19B39169.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: _____ _____

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 12/09/2005

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/13/2005

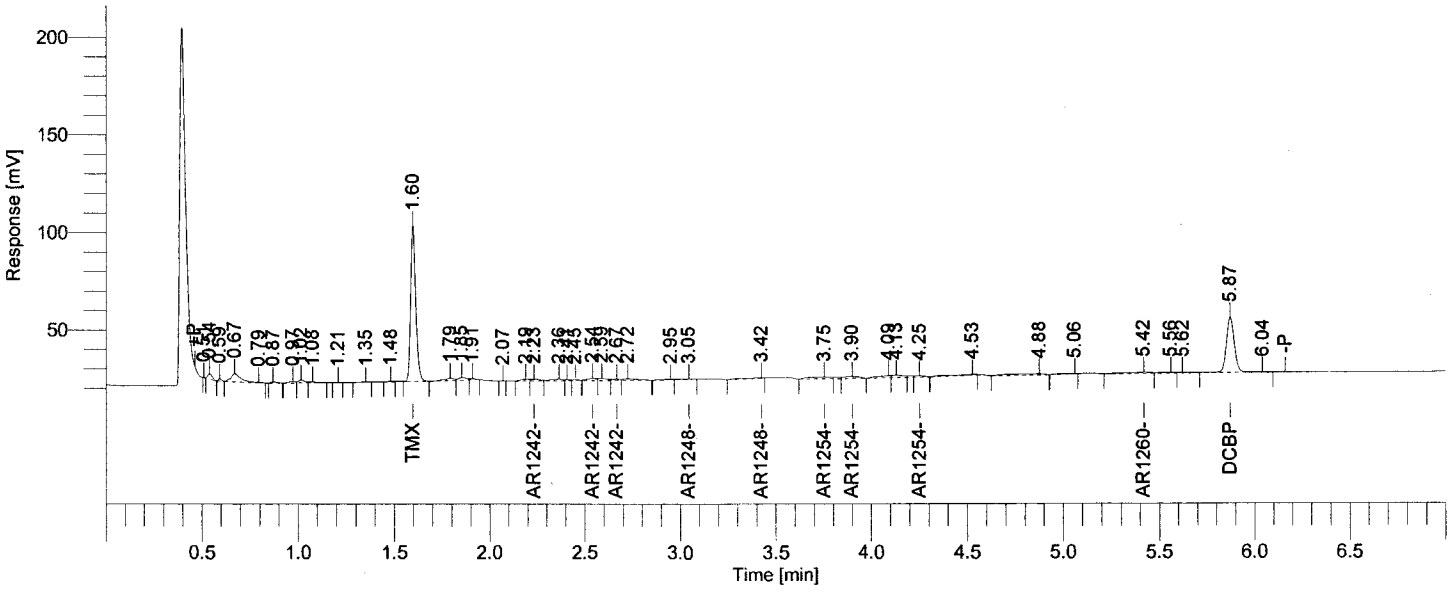
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.50	U
11104-28-2	Aroclor 1221	0.50	U
11141-16-5	Aroclor 1232	0.50	U
53469-21-9	Aroclor 1242	0.50	U
12672-29-6	Aroclor 1248	0.50	U
11097-69-1	Aroclor 1254	0.50	U
11096-82-5	Aroclor 1260	0.50	U

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:15:26
Reprocess Number	: buf2042: 85609		
Operator	: tchrom	Sample Name	: AW50029472-MBLK
Sample Number	: A5B1914302	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/13/2005 21:34:09	Cycle	: 8

Raw Data File : H:\TURBO6\5890-19\19B39169.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39169.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39169.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39169.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(11-30-05).mth from H:\TURBO6\5890-19\19B39169.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
13	1.60	VB	146099	TMX	0.0165	-------	0
	2.54		9008	AR~~1242~~	0.0078	0.0026	3
	3.90		15601	AR~~1254~~	0.0083	0.0028	3
	5.42		5829	AR~~1260~~	-0.0227	-8e-03	3
41	5.87	VE	82746	DCBP	0.0084	-------	0
			259284			-2e-03	

12/14/05

12/14/2005 07:15:26 Result: H:\TURBO6\5890-19\19B39169.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
19	2.23	VV	2976	AR1242-A	0.0090	0.0030	3
23	2.54	VV	4006	AR1242-B	0.0070	0.0023	3
25	2.67	VV	2026	AR1242-C	0.0080	0.0027	3
			9008			0.0080	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
28	3.05	VB	739	AR1248-A	0.0018	6.0e-04	3
-	3.10		0	AR1248-B	0.0000	-------	-
29	3.42	BB	2761	AR1248-C	0.0079	0.0026	3
			3501			0.0032	

12/14/05 CRD

Group Report For : AR1254

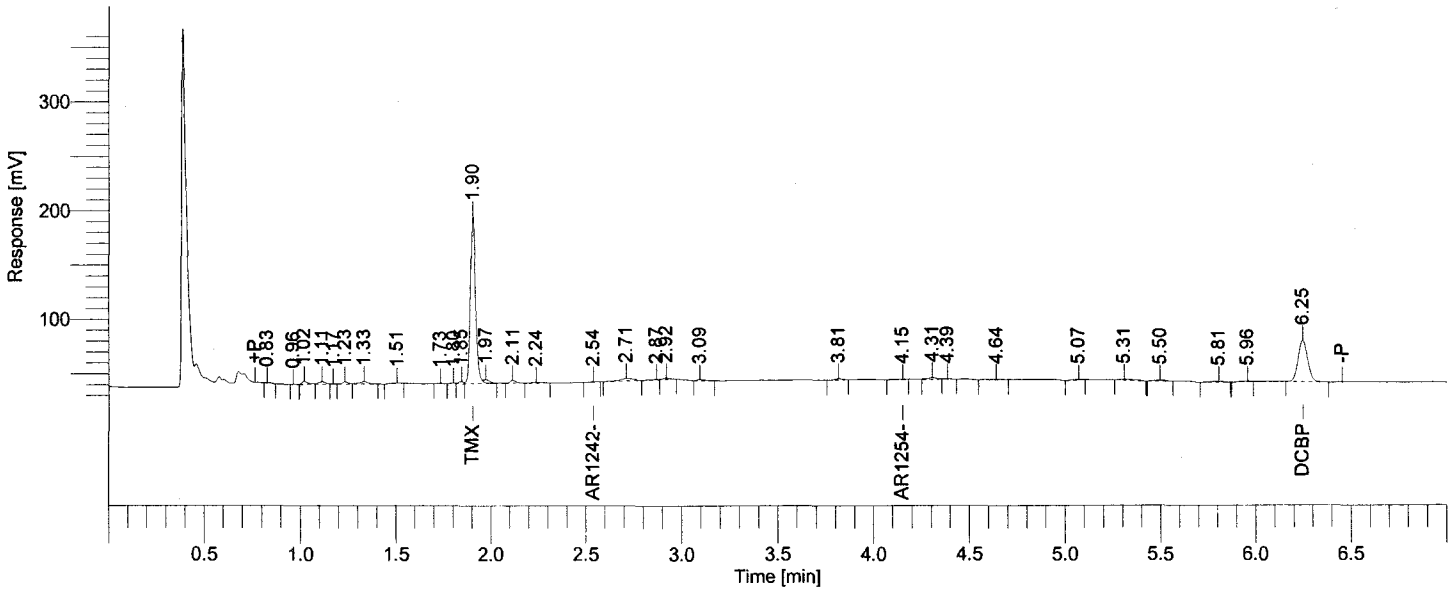
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
30	3.75	BV	7348	AR1254-A	0.0107	0.0036	3
31	3.90	VB	5542	AR1254-B	0.0086	0.0029	3
34	4.25	VB	2711	AR1254-C	0.0050	0.0017	3
			15601			0.0081	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.70		0	AR1260-A	0.0000	-------	-
-	5.01		0	AR1260-B	0.0000	-------	-
38	5.42	BV	5829	AR1260-C	0.0124	0.0041	3
			5829			0.0041	

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:15:21
Reprocess Number	: buf2042: 85608		
Operator	: tchrom	Sample Name	: AW50029472-MBLK
Sample Number	: A5B1914302	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/13/2005 21:34:09	Cycle	: 8

Raw Data File : H:\TURBO6\5890-19\19A39169.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39169.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39169.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39169.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(11-30-05).mth from H:\TURBO6\5890-19\19A39169.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
12	1.90	VE	295148	TMX	0.0153	-------	0
31	6.25	BB	133718	DCBP	0.0084	-------	0
			428866			0.0000	

12/14/05

12/14/2005 07:15:21 Result: H:\TURBO6\5890-19\19A39169.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.45		0	AR1242-A	0.0000	-------	-
16	2.54	BB	628	AR1242-B	0.0015	5.0e-04	3
-	2.77		0	AR1242-C	0.0000	-------	-
			628			5.0e-04	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.18		0	AR1248-A	0.0000	-------	-
-	3.27		0	AR1248-B	0.0000	-------	-
-	3.34		0	AR1248-C	0.0000	-------	-
			0			0.0000	

12/14/05

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.94		0	AR1254-A	0.0000	-------	-
22	4.15	BB	1140	AR1254-B	0.0010	3.4e-04	3
-	4.50		0	AR1254-C	0.0000	-------	-
			1140			3.4e-04	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.98		0	AR1260-A	0.0000	-------	-
-	5.20		0	AR1260-B	0.0000	-------	-
-	5.65		0	AR1260-C	0.0000	-------	-
			0			0.0000	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

293/1004

Client No.

Matrix Spike Blank

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5B1914301

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 19B39168.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: _____ _____

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 12/09/2005

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/13/2005

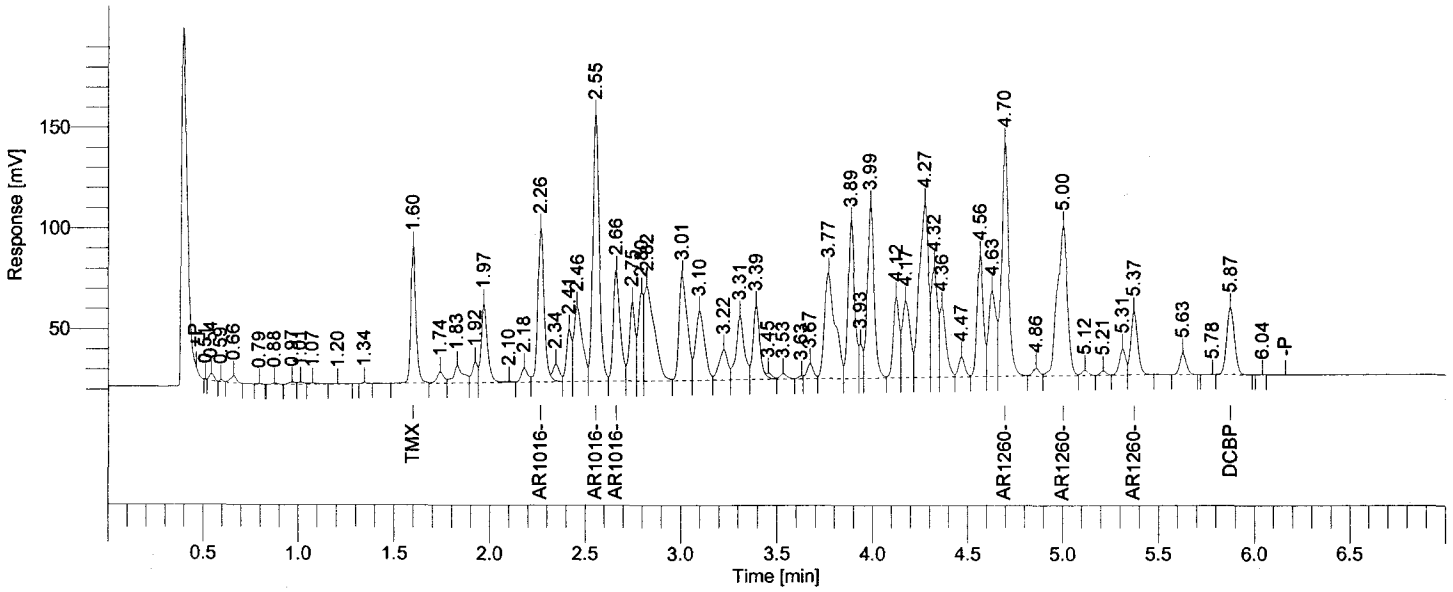
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	4.6	
11104-28-2	Aroclor 1221	0.50	U
11141-16-5	Aroclor 1232	0.50	U
53469-21-9	Aroclor 1242	0.50	U
12672-29-6	Aroclor 1248	0.50	U
11097-69-1	Aroclor 1254	0.50	U
11096-82-5	Aroclor 1260	4.1	

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:15:16
Reprocess Number	: buf2042: 85607		
Operator	: tchrom	Sample Name	: AW50029471-MSB
Sample Number	: A5B1914301	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/13/2005 21:16:11	Cycle	: 7

Raw Data File : H:\TURBO6\5890-19\19B39168.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39168.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39168.raw
Proc Method : *h*:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39168.rst
Calib Method : h:\turbo6\5890-19\sb66(11-30-05).mth from H:\TURBO6\5890-19\19B39168.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
12	1.60	VV	126435	TMX	0.0139	-------	0
	2.55		629332	AR1016	0.4653	0.1551	3
	4.70		645421	AR1260	0.4178	0.1393	3
58	5.87	VB	93807	DCBP	0.0100	-------	0
			1494995			0.2944	

12/14/05

12/14/2005 07:15:16 Result: H:\TURBO6\5890-19\19B39168.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
19	2.26	VE	178205	AR1016-A	0.4634	0.1545	3
23	2.55	VV	311734	AR1016-B	0.4651	0.1550	3
24	2.66	VV	139393	AR1016-C	0.4682	0.1561	3
			629332			0.4655	

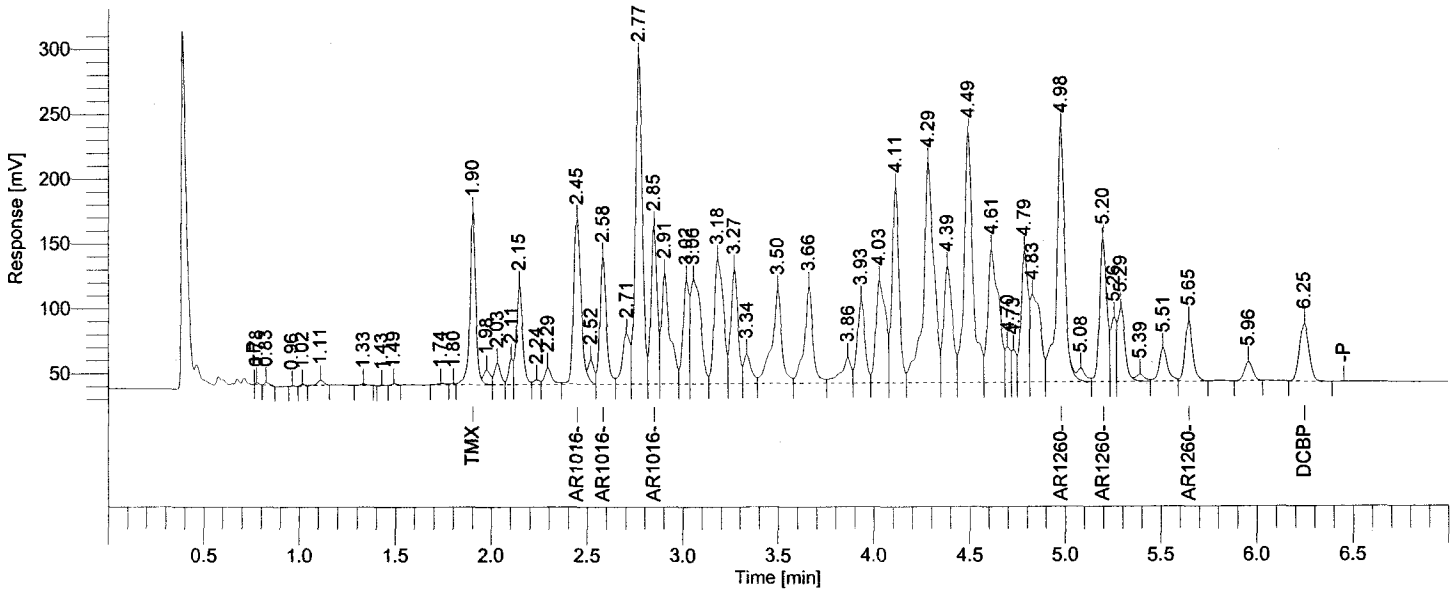
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
49	4.70	VV	298281	AR1260-A	0.4289	0.1430	3
51	5.00	VV	270087	AR1260-B	0.4140	0.1380	3
55	5.37	VB	77053	AR1260-C	0.3913	0.1304	3
			645421			0.4114	

12/14/05

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:15:11
Reprocess Number	: buf2042: 85606		
Operator	: tchrom	Sample Name	: AW50029471-MSB
Sample Number	: A5B1914301	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/13/2005 21:16:11	Cycle	: 7

Raw Data File : H:\TURBO6\5890-19\19A39168.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39168.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39168.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39168.rst
Calib Method : h:\turbo6\5890-19\sa66(11-30-05).mth from H:\TURBO6\5890-19\19A39168.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
11	1.90	VE	281117	TMX	0.0144	-------	0
	2.45		860856	AR1016	0.4556	0.1519	3
	4.98		1014805	AR1260	0.4527	0.1509	3
53	6.25	BB	153869	DCBP	0.0102	-------	0
			2310646			0.3028	

12/14/05

12/14/2005 07:15:11 Result: H:\TURBO6\5890-19\19A39168.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
18	2.45	VE	358777	AR1016-A	0.4441	0.1480	3
20	2.58	VV	227521	AR1016-B	0.4611	0.1537	3
23	2.85	VV	274558	AR1016-C	0.4664	0.1555	3
			860856			0.4572	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
44	4.98	VE	595479	AR1260-A	0.4508	0.1503	3
46	5.20	VV	289711	AR1260-B	0.4460	0.1487	3
51	5.65	VB	129614	AR1260-C	0.4785	0.1595	3
			1014805			0.4584	

12/14/05

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

298/1004

Client No.

NM-MWMPIO4-W-0-1205

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5D98307MS

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 19B39179.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 12/07/2005 12/08/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 12/09/2005

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/14/2005

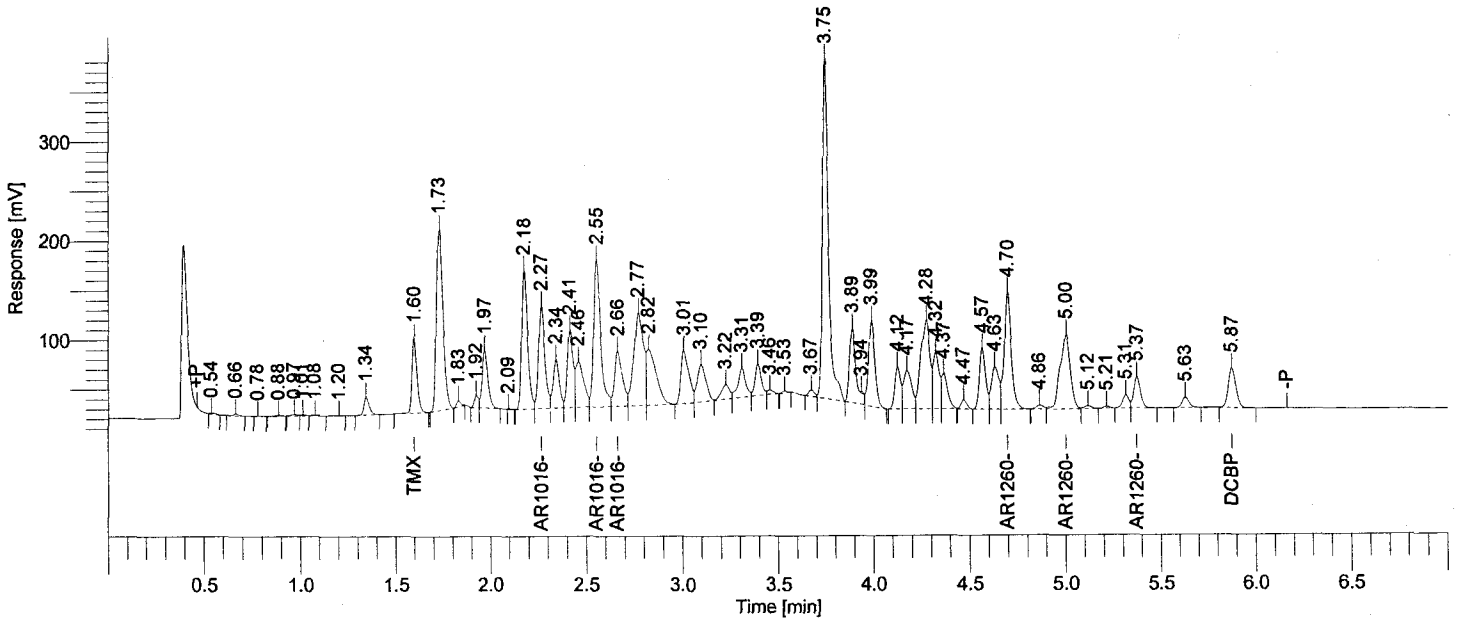
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	5.6	
11104-28-2	Aroclor 1221	2.9	
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	4.0	

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 11:03:30
Reprocess Number	: buf2042: 85699		
Operator	: tchrom	Sample Name	: AW50029480
Sample Number	: A5D98307MS	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 00:34:12	Cycle	: 6

Raw Data File : H:\TURBO6\5890-19\19B39179.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39179.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39179.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39179.rst
Calib Method : h:\turbo6\5890-19\sb66(11-30-05).mth from H:\TURBO6\5890-19\19B39179.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
10	1.60	BB	137873	TMX	0.0154	-------	0
	2.55		775143	AR1016	0.5872	0.1957	3
	4.70		651642	AR1260	0.4222	0.1407	3
53	5.87	VB	114352	DCBP	0.0130	-------	0
			1679010			0.3365	

12/14/05

12/14/2005 11:03:30 Result: H:\TURBO6\5890-19\19B39179.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
17	2.27	VV	238979	AR1016-A	0.6445	0.2148	3
21	2.55	VV	376660	AR1016-B	0.5748	0.1916	3
22	2.66	VV	159504	AR1016-C	0.5431	0.1810	3
			775143			0.5875	

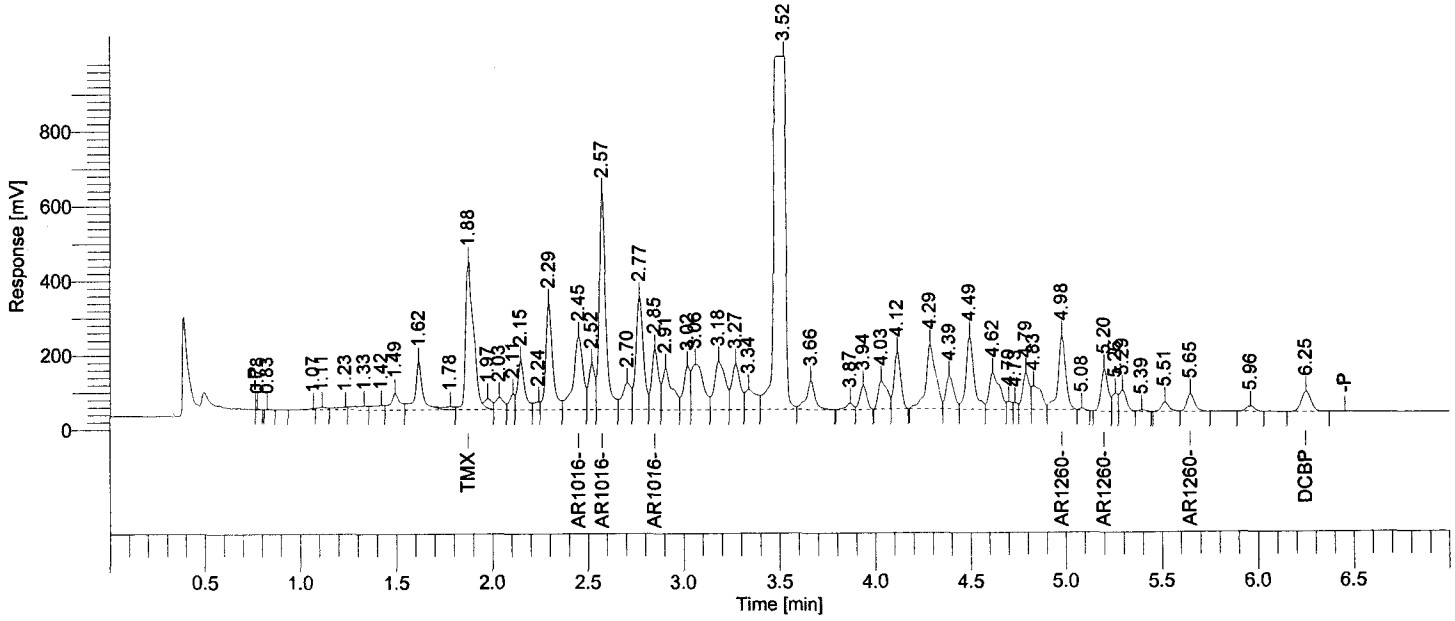
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
45	4.70	VB	301446	AR1260-A	0.4339	0.1446	3
47	5.00	VV	272918	AR1260-B	0.4188	0.1396	3
51	5.37	VB	77279	AR1260-C	0.3925	0.1308	3
			651642			0.4151	

12/14/05

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 11:03:28
Reprocess Number	: buf2042: 85698		
Operator	: tchrom	Sample Name	: AW50029480
Sample Number	: A5D98307MS	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 00:34:12	Cycle	: 6

Raw Data File : H:\TURBO6\5890-19\19A39179.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39179.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39179.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39179.rst
Calib Method : h:\turbo6\5890-19\sa66(11-30-05).mth from H:\TURBO6\5890-19\19A39179.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
11	1.88	VE	1138433	TMX	0.0655	-------	0
	2.57		2477219	AR1016	1.5103	0.5034	3
	4.98		972705	AR1260	0.4323	0.1441	3
53	6.25	BB	190949	DCBP	0.0135	-------	0
			4779306			0.6475	

12/14/05 DD

12/14/2005 11:03:28 Result: H:\TURBO6\5890-19\19A39179.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
18	2.45	VV	701710	AR1016-A	0.9452	0.3151	3
20	2.57	VV	1373626	AR1016-B	5.3156	1.7719	3
23	2.85	VV	401883	AR1016-C	0.7082	0.2361	3
			2477219			2.3230	

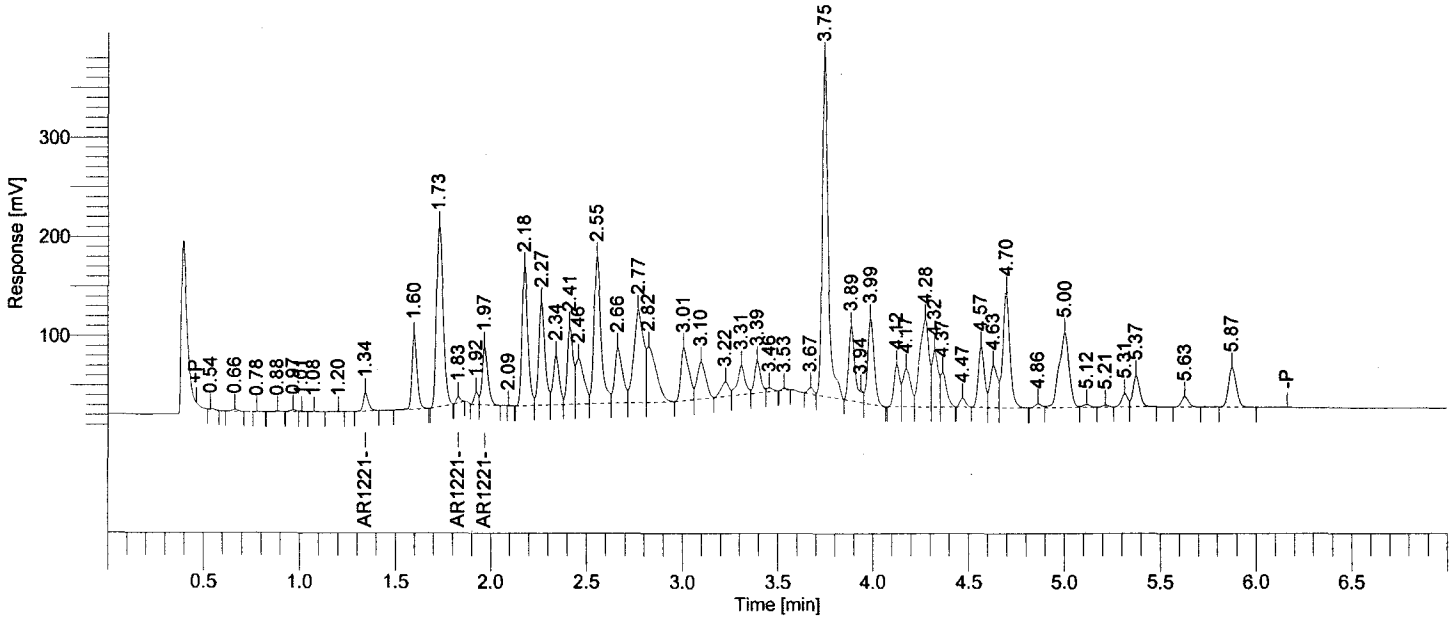
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
44	4.98	VB	553991	AR1260-A	0.4172	0.1391	3
46	5.20	BV	288217	AR1260-B	0.4435	0.1478	3
51	5.65	VB	130497	AR1260-C	0.4821	0.1607	3
			972705			0.4476	

12/14/5

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 11:11:30
Reprocess Number	: buf2042: 85711		
Operator	: tchrom	Sample Name	: AW50029480
Sample Number	: A5D98307MS	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 00:34:12	Cycle	: 2

Raw Data File : H:\TURBO6\5890-19\19B39179.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39179-20051214-111129.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39179.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39179-20051214-111129.rst
Calib Method : h:\turbo6\5890-19\sb21(11-30-05).mth from H:\TURBO6\5890-19\19B39179-20051214-111129.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	1.97		166287	AR1221	0.3622	0.1207	3
			166287			0.1207	

12/14/05

12/14/2005 11:11:30 Result: H:\TURBO6\5890-19\19B39179-20051214-111129.rst

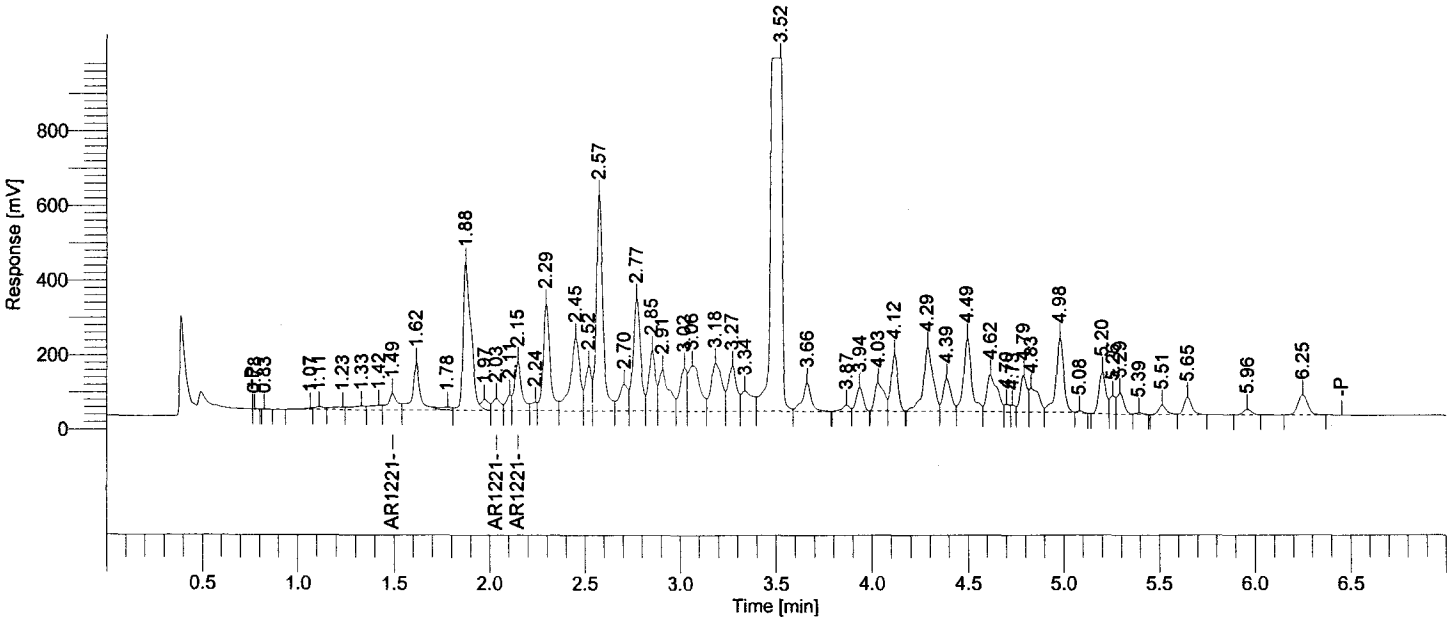
Group Report For : AR1221

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
9	1.34	BB	34252	AR1221-A	0.3624	0.1208	3
12	1.83	BB	9227	AR1221-B	0.0840	0.0280	3
14	1.97	VB	122808	AR1221-C	0.4819	0.1606	3
			166287			0.3095	

12/14/05

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 11:11:28
Reprocess Number	: buf2042: 85710		
Operator	: tchrom	Sample Name	: AW50029480
Sample Number	: A5D98307MS	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 00:34:12	Cycle	: 2

Raw Data File : H:\TURBO6\5890-19\19A39179.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39179-20051214-111127.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39179.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39179-20051214-111127.rst
Calib Method : h:\turbo6\5890-19\sa21(11-30-05).mth from H:\TURBO6\5890-19\19A39179-20051214-111127.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	2.15		575846	AR1221	0.6480	0.2160	3
			575846			0.2160	

12/14/05

12/14/2005 11:11:28 Result: H:\TURBO6\5890-19\19A39179-20051214-111127.rst

Group Report For : AR1221

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name		NG conc.	AVG NG CONC (5pts)	# PEAKS USED
8	1.49	VV	144599	AR1221-A		0.8427	0.2809	3
13	2.03	VV	96302	AR1221-B		0.4412	0.1471	3
15	2.15	VV	334945	AR1221-C		0.6715	0.2238	3
			575846				0.6518	

12/14/05

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

307/1004

Client No.

NM-MWMPIO4-W-0-1205

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5D98307SD

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 19B39180.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 12/07/2005 12/08/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 12/09/2005

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/14/2005

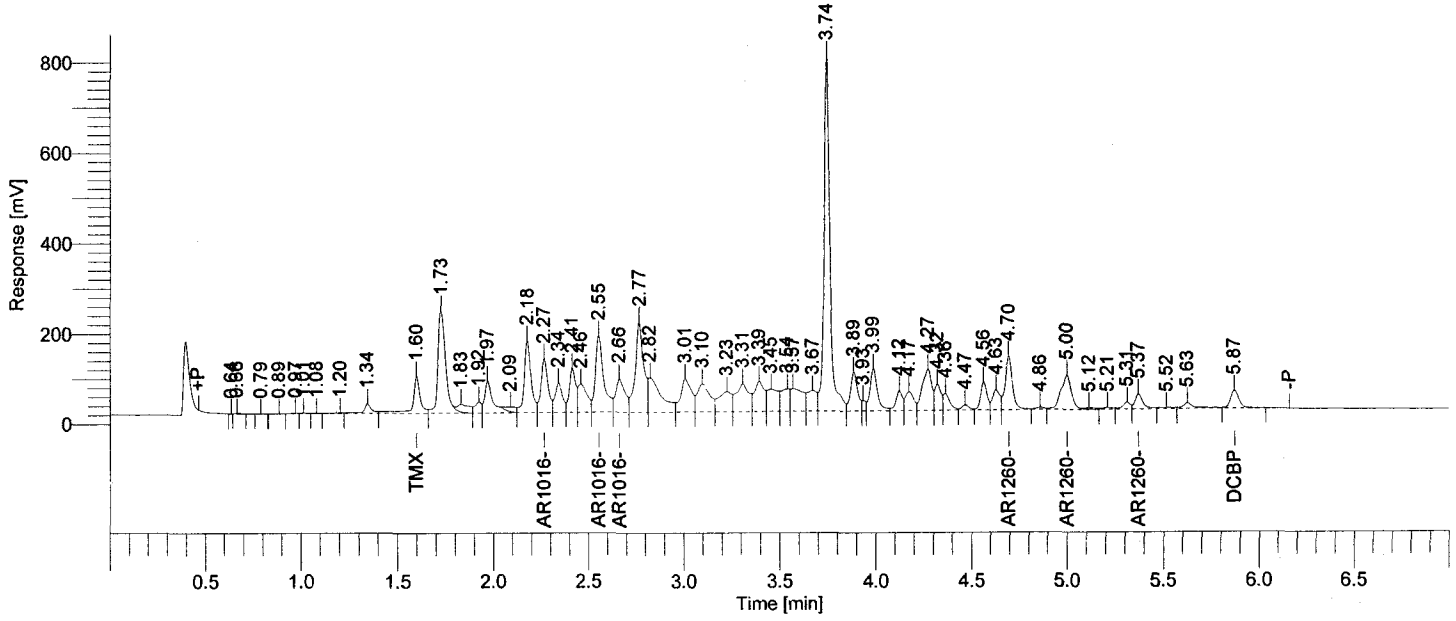
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	8.2	
11104-28-2	Aroclor 1221	6.8	
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	4.4	

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 11:03:35
Reprocess Number	: buf2042: 85701		
Operator	: tchrom	Sample Name	: AW50029481
Sample Number	: A5D98307SD	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 00:52:07	Cycle	: 7

Raw Data File : H:\TURBO6\5890-19\19B39180.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39180.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39180.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39180.rst
Calib Method : h:\turbo6\5890-19\sb66(11-30-05).mth from H:\TURBO6\5890-19\19B39180.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
10	1.60	VV	224216	TMX	0.0271	-------	0
	2.55		1078901	AR1016	0.8514	0.2838	3
	4.70		694515	AR1260	0.4531	0.1510	3
55	5.87	VB	118878	DCBP	0.0137	-------	0
			2116511			0.4348	

12/14/05

12/14/2005 11:03:35 Result: H:\TURBO6\5890-19\19B39180.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
17	2.27	VV	306982	AR1016-A	0.8567	0.2856	3
21	2.55	VV	515369	AR1016-B	0.8174	0.2725	3
22	2.66	VV	256550	AR1016-C	0.9209	0.3070	3
			1078901			0.8650	

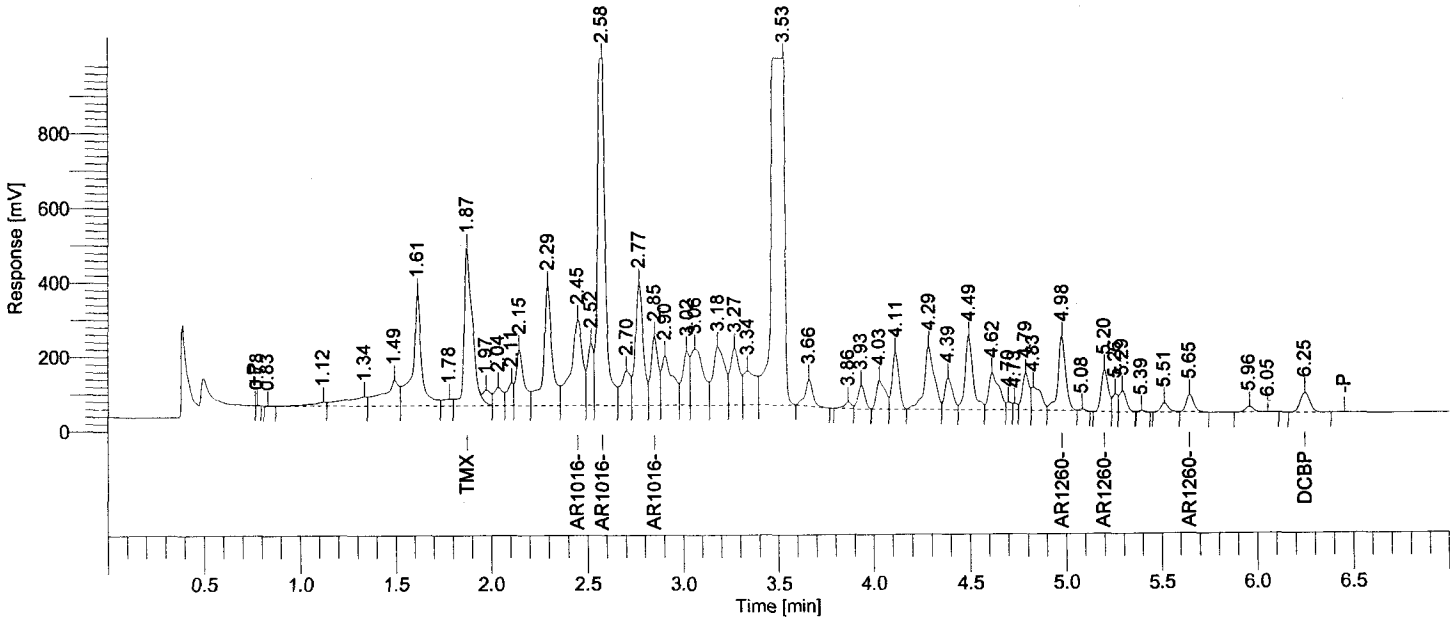
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
46	4.70	VV	311654	AR1260-A	0.4502	0.1501	3
48	5.00	VE	287591	AR1260-B	0.4439	0.1480	3
52	5.37	VV	95271	AR1260-C	0.4933	0.1644	3
			694515			0.4625	

12/14/05

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 11:03:32
Reprocess Number	: buf2042: 85700		
Operator	: tchrom	Sample Name	: AW50029481
Sample Number	: A5D98307SD	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 00:52:07	Cycle	: 7

Raw Data File : H:\TURBO6\5890-19\19A39180.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39180.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39180.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39180.rst
Calib Method : h:\turbo6\5890-19\sa66(11-30-05).mth from H:\TURBO6\5890-19\19A39180.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
8	1.87	VE	1275294	TMX	0.0733	-------	0
	2.58		4080281	AR1016	2.9372	0.9791	3
	4.98		971264	AR1260	0.4316	0.1439	3
50	6.25	BB	186575	DCBP	0.0131	-------	0
			6513415			1.1229	

12/14/05

12/14/2005 11:03:32 Result: H:\TURBO6\5890-19\19A39180.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
14	2.45	VV	967627	AR1016-A	1.3745	0.4582	3
16	2.58	VV	2624925	AR1016-B	0.0000	0.0000	3
19	2.85	VV	487729	AR1016-C	0.8781	0.2927	3
			4080281			0.7509	

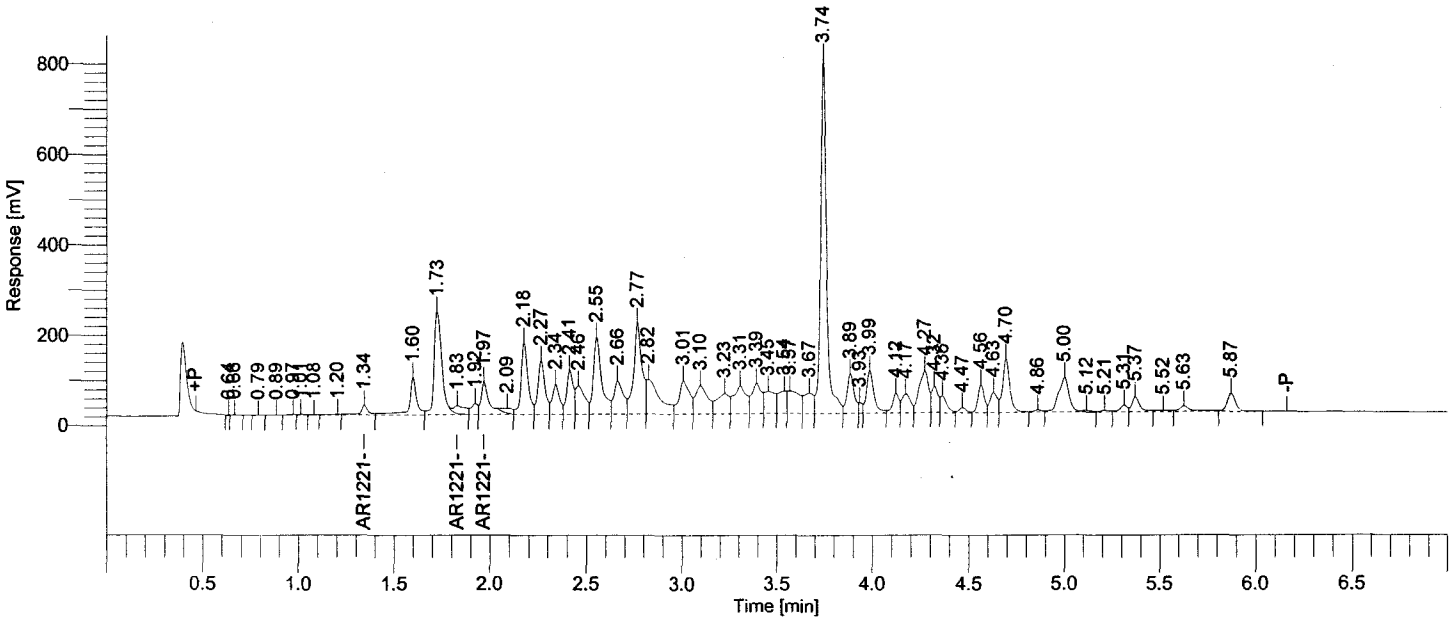
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
40	4.98	VB	553747	AR1260-A	0.4170	0.1390	3
42	5.20	BV	287401	AR1260-B	0.4421	0.1474	3
47	5.65	VB	130117	AR1260-C	0.4806	0.1602	3
			971264			0.4465	

12/14/05

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 11:11:33
Reprocess Number	: buf2042: 85713		
Operator	: tchrom	Sample Name	: AW50029481
Sample Number	: A5D98307SD	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 00:52:07	Cycle	: 3

Raw Data File : H:\TURBO6\5890-19\19B39180.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39180-20051214-111132.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39180.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39180-20051214-111132.rst
Calib Method : h:\turbo6\5890-19\sb21(11-30-05).mth from H:\TURBO6\5890-19\19B39180-20051214-111132.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	1.97		350595	AR1221	0.7636	0.2545	3
			350595			0.2545	

12/14/05

12/14/2005 11:11:33 Result: H:\TURBO6\5890-19\19B39180-20051214-111132.rst

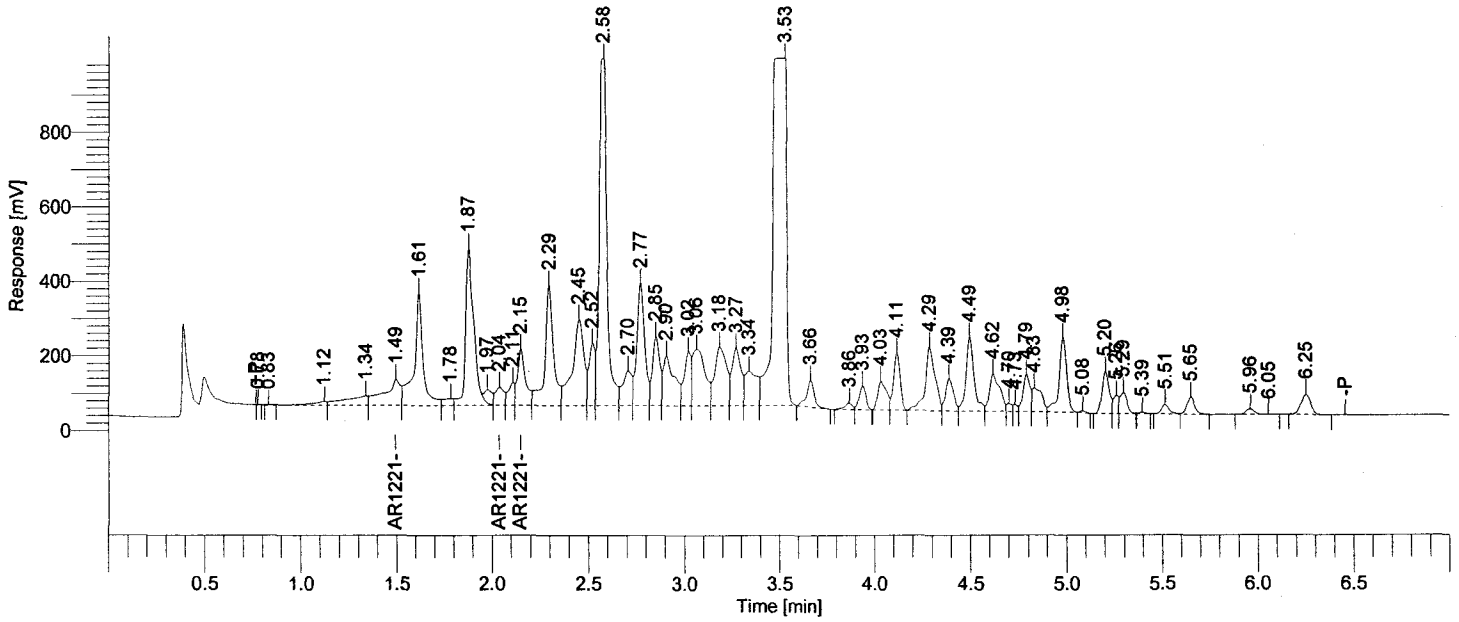
Group Report For : AR1221

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
9	1.34	VV	56679	AR1221-A	0.5997	0.1999	3
12	1.83	EV	78376	AR1221-B	0.7138	0.2379	3
14	1.97	VE	215540	AR1221-C	0.8458	0.2819	3
			350595			0.7198	

12/14/05

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 11:11:31
Reprocess Number	: buf2042: 85712		
Operator	: tchrom	Sample Name	: AW50029481
Sample Number	: A5D98307SD	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 00:52:07	Cycle	: 3

Raw Data File : H:\TURBO6\5890-19\19A39180.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39180-20051214-111131.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39180.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39180-20051214-111131.rst
Calib Method : h:\turbo6\5890-19\sa21(11-30-05).mth from H:\TURBO6\5890-19\19A39180-20051214-111131.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	2.15		995057	AR1221	1.1197	0.3732	3
			995057			0.3732	

12/14/05

12/14/2005 11:11:31 Result: H:\TURBO6\5890-19\19A39180-20051214-111131.rst

Group Report For : AR1221

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
5	1.49	VV	402386	AR1221-A	2.3451	0.7817	3
10	2.04	VV	157416	AR1221-B	0.7212	0.2404	3
12	2.15	VV	435255	AR1221-C	0.8725	0.2908	3
			995057			1.3130	

12/14/05

STL Buffalo
Date: 12/29/2005
Time: 11:43:50

Organic Prep Log Book
(3510C) 8082 PCB WATERS
A5B19143 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 1000.00 ul

Date Ext/Initials: 12/09/2005 EKD

Date Cleanup/Initials: 12/09/2005 EKD

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: 12/09/2005 EKD

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	Protoc	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A5B19143	A5B1914301	Z	MSB	AW50029471	PCBS	SW8463	8082	A00035	A00222		5.00	1000.0000	10.00
A5B19143	A5B1914302	Z	MBLK	AW50029472	PCBS	SW8463	8082	A00035			5.00	1000.0000	10.00
A05-D983	A5D98301	A	FS	AW50029473	PCBS	SW8463	8082	A00035			6.00	1015.0000	10.00
A05-D983	A5D98302	A	FS	AW50029474	PCBS	SW8463	8082	A00035			6.00	1050.0000	10.00
A05-D983	A5D98303	A	FS	AW50029475	PCBS	SW8463	8082	A00035			6.00	1050.0000	10.00
A05-D983	A5D98304	A	FS	AW50029476	PCBS	SW8463	8082	A00035			6.00	1045.0000	10.00
A05-D983	A5D98305	A	FS	AW50029477	PCBS	SW8463	8082	A00035			6.00	1050.0000	10.00
A05-D983	A5D98306	A	FS	AW50029478	PCBS	SW8463	8082	A00035			6.00	1050.0000	10.00
A05-D983	A5D98307	M	FS	AW50029479	PCBS	SW8463	8082	A00035			6.00	1000.0000	10.00
A05-D983	A5D98307MS	M	MS	AW50029480	PCBS	SW8463	8082	A00035	A00222		6.00	1050.0000	10.00
A05-D983	A5D98307SD	M	SD	AW50029481	PCBS	SW8463	8082	A00035	A00222		6.00	1050.0000	10.00
A05-D983	A5D98308	A	FS	AW50029482	PCBS	SW8463	8082	A00035			6.00	995.0000	10.00
A05-D983	A5D98309	A	FS	AW50029483	PCBS	SW8463	8082	A00035			6.00	1020.0000	10.00
A05-D983	A5D98310	A	FS	AW50029484	PCBS	SW8463	8082	A00035			6.00	1040.0000	10.00
A05-D983	A5D98311	A	FS	AW50029485	PCBS	SW8463	8082	A00035			6.00	1050.0000	10.00
A05-D984	A5D98401	A	FS	AW50029486	PCBS	SW8463	8082	A00035			6.00	1060.0000	10.00

STL Buffalo
Date: 12/29/2005
Time: 11:43:50

Organic Prep Log Book
(3510C) 8082 PCB WATERS
A5B19143 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 1000.00 ul

Date Ext/Initials: 12/09/2005 EKD

Date Cleanup/Initials: 12/09/2005 EKD

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: 12/09/2005 EKD

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	Protoc	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A05-D985	A5D98501	A	FS	AW50029487	PCBS	SW8463	8082	A00035			6.00	990.0000	10.00
A05-D985	A5D98502	A	FS	AW50029488	PCBS	SW8463	8082	A00035			6.00	1035.0000	10.00
A05-D985	A5D98503	A	FS	AW50029489	PCBS	SW8463	8082	A00035			6.00	1025.0000	10.00
A05-D985	A5D98504	A	FS	AW50029490	PCBS	SW8463	8082	A00035			6.00	1060.0000	10.00
A05-D985	A5D98505	A	FS	AW50029491	PCBS	SW8463	8082	A00035			6.00	1040.0000	10.00

Comments:

TL Buffalo
Date: 12/09/2005
Time: 13:52:45

Organic Prep Log Book
(3510C) 8082 PCB WATERS
A5B19143

Rept: AN0501

SURROGATE A35
Expiration Date: 6-7-06
Prepared by: CM
Spiked by: EKD 1000.00 ul
Witnessed by:

MATRIX SPIKE A202
Expiration Date: 6-9-05
Prepared by: EKD
Spiked by: EKD 1000.00 ul
Witnessed by:

MeCl2: B43E85
Acetone:
Hexane: B39E15
Na2So4: B23G45
1:1 H2SO4: 45101
10 N NaOH:

Date Ext/Initials: 12-09-05 EKD

Date Cleanup/Initials: 12-09-05 EKD

Extraction Type: (SEPF) or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: 12-09-05 EKD

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	Protoc	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A5B19143	A5B1914301		MSB	AW50029471	PCBS	SW8463	8082	A00035	A00222	Clear	5	1000	10.0
A5B19143	A5B1914302		MBLK	AW50029472	PCBS	SW8463	8082	A00035		↓	↓	↓	
A05-D983	A5D98301	A	FS	AW50029473	PCBS	SW8463	8082	A00035		Brown	6	1015	
A05-D983	A5D98302		FS	AW50029474	PCBS	SW8463	8082	A00035				1050	
A05-D983	A5D98303		FS	AW50029475	PCBS	SW8463	8082	A00035				↓	
A05-D983	A5D98304		FS	AW50029476	PCBS	SW8463	8082	A00035				1045	
A05-D983	A5D98305		FS	AW50029477	PCBS	SW8463	8082	A00035				1050	
A05-D983	A5D98306		FS	AW50029478	PCBS	SW8463	8082	A00035				1050	
A05-D983	A5D98307		FS	AW50029479	PCBS	SW8463	8082	A00035				1000	
A05-D983	A5D98307MS		MS	AW50029480	PCBS	SW8463	8082	A00035	A00222			1050	
A05-D983	A5D98307SD		SD	AW50029481	PCBS	SW8463	8082	A00035	A00222			↓	
A05-D983	A5D98308		FS	AW50029482	PCBS	SW8463	8082	A00035				995	
A05-D983	A5D98309		FS	AW50029483	PCBS	SW8463	8082	A00035				1020	
A05-D983	A5D98310		FS	AW50029484	PCBS	SW8463	8082	A00035		↓		1040	
A05-D983	A5D98311		FS	AW50029485	PCBS	SW8463	8082	A00035		Gray		1050	
A05-D984	A5D98401	↓	FS	AW50029486	PCBS	SW8463	8082	A00035		Brown	↓	1060	↓

Ft. Buffalo
Date: 12/09/2005
Time: 13:52:45

Organic Prep Log Book
(3510C) 8082 PCB WATERS
A5B19143

Rept: AN0501

SURROGATE
Expiration Date: _____
Prepared by: _____
Spiked by: _____ 0.00 ul
Witnessed by: _____

MATRIX SPIKE
Expiration Date: _____
Prepared by: _____
Spiked by: _____ 0.00 ul
Witnessed by: _____

MeCl2: _____
Acetone: _____
Hexane: _____
Na2So4: _____
1:1 H2SO4: _____
10 N NaOH: _____

Date Ext/Initials: _____ _____

Date Cleanup/Initials: _____ _____

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: _____ _____

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	Protoc	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
205-D985	A5D98501	A	FS	AW50029487	PCBS	SW8463	8082	A00035		Brown	6	990	10.0
205-D985	A5D98502		FS	AW50029488	PCBS	SW8463	8082	A00035				1035	
205-D985	A5D98503		FS	AW50029489	PCBS	SW8463	8082	A00035				1025	
205-D985	A5D98504		FS	AW50029490	PCBS	SW8463	8082	A00035		Tan		1060	
205-D985	A5D98505		FS	AW50029491	PCBS	SW8463	8082	A00035				1040	

Comments: Gas flow checked. SKD 12-09-05

Relinq'd 12-12-05 dy

319/1004

GC INJECTION LOG BOOK

000074

INSTRUMENT ID HP5890-19 COLUMN ID'S A ZB5 B ZB-35 SEQUENCE 37/38

SYRINGE LOT # SOLVENT LOT #

DATE & INIT.	JOB #	A VIAL ID	DF	B VIAL ID	DF	FILE ID A	FILE ID B	GC	PROCESS Y/N	COMMENTS
DW	IBW	ICM3IJ 005				180				A CLEAN B CLEAN
11/29/05	D298	AW5-8726								ROSHOT CUT
	↓	8727				182				
		~~ICM66MK05~~ ~~↓ 3IJ 005~~ DW 11/29/05								
	QC	A55-1734 MOB				183				
	↓	1735 MOB								
	D442	1736 MOB				185				
	CCV	ICM66MK 05								A ↑ B ↑
	IBW	↓ 3IJ 005								A CLEAN B CLEAN
11/30/05 DW	CCV	ICM66MK 0.5								A 10LOK, 12SOT, DCBPT B 10LOK, 12SOT, DCBPT
	IBLK	ICM3IJ 0.03				190				A CLEAN B CLEAN
	D258	A05602872S								ROSHOTS Cut
		2872G								1
	CCV	ICM5YTC 05								A OK B 10SOT, SURR OK
	IBLK	ICM3IJ 0.03				194				A CLEAN B CLEAN
11/30/05 DW		PRIMA				01-25				NEW SEQUENCE 38
	ICAL	ICM21 RA 0.5				26	TXDNB			
	ACM	ACM21 DA 0.6								
	ICAL	ICM32 BA 0.5								
	ACM	ACM32 BB 0.6								
	ICAL	ICM42 SA 0.5				30				
	ACM	ACM42 OA 0.6								
	ICAL	ICM48 RA 0.5								
	ACM	ACM48 MA 0.6								

	ICAL	ICM54 TC	CAL	34	▽		

GC INJECTION LOG BOOK

INSTRUMENT ID HP5890-19 COLUMN ID'S A ZB-5 B ZB-35 SEQUENCE 38

SYRINGE LOT # SOLVENT LOT #

DATE & INIT.	JOB #	A VIAL ID	A DF	B VIAL ID	B DF	FILE ID A	FILE ID B	GC METHOD	PROCESS Y/N	COMMENTS
11/30/95	ICM	ICM54/RL	0.4			35		DB AJ9		
	ICAL	ICM66 MI	2.5							
		MD	1.0							
		MK	0.5							
		ML	0.25							
		MF	0.1			40				
		MG	0.05							
		MC	0.025							
	ICM	ICM66BB	0.4					TYGD		
	CCV	ICM66 MK	0.5							A OK B OK
	CCV	ICM54 TC	0.5			45				A OK, TMX↓ B OK
	CCV	ICM48 RA	0.5							A OK B OK
	CCV	ICM42 SA	0.5							A OK B OK
	CCV	ICM32 GA	0.5							A OK B OK
	CCV	ICM21 RA	0.5							A OK B OK
	IBLK	ICM3 IS	0.3			50				A CLEAN B CLEAN
	GC	AS5002/412	MSB							
		2/413	MSBD							
		2/414	MBLK							
	CCV	2/415								
		2/416				55				
	CCV	~~ICM66MK~~	0.5							
	~~IBLK~~	~~ICM3IS~~	~~0.3~~							
	CCV	2/415	↓2			56				
		2/416	↓2							
	CCV	ICM66MK	0.5							A OK B OK
	IBLK	ICM3IS	0.3			55				A CLEAN B CLEAN

SEVERN TRENT LABORATORIES, INC. – BUFFALO

000075

REVIEWED BY

321/1004

GC INJECTION LOG BOOK

000088

INSTRUMENT ID AD5890-19 COLUMN ID'S A ZB-5 B ZB-35 SEQUENCE 39

SYRINGE LOT # SOLVENT LOT #

DATE & INIT.	JOB #	A VIAL ID	A DF	B VIAL ID	B DF	FILE ID A	FILE ID B	GC METHOD	PROCESS Y/N	COMMENTS
12/[illegible]	DS44	AW500 25417				157				
	DS54	25418								
		25419	MS							
	CCV	ICM66MN	CS			160				A ok B ok
	IBLK	ICM3IN	CB3							A clean B clean
	DS56	AW500 25420	SD							
		25421								
		25422								
		25423				165				
		25424								
		25425						TNOB		
	GC	25471	MSD							
		25472	MBLK							
	DS53	25473				170				
		25474								
	CCV	ICM546A	CS							A OK B OK
	IBLK	ICM3IN	CB3							B CLEAN B CLEAN
	DS83	AW500 25475								
		25476				175				
		25477								
		25478								
		25479								
		25480	MS							
		25481	SD			180				
		25482								
		25483								
		25484				183				

322/1004

GC INJECTION LOG BOOK

INSTRUMENT ID HP5890-19 COLUMN ID'S A RTX-5 B RTX-35 SEQUENCE 39/40

SYRINGE LOT # SOLVENT LOT #

DATE & INIT.	JOB #	A VIAL ID	A DF	B VIAL ID	B DF	FILE ID A	FILE ID B	GC METHOD	PROCESS Y/N	COMMENTS
12/3/95 DMS	CCU	ICM66MN	0.5			184				A OK B OK
	IBLK	ICM3IN	0.03			185				A CLEAN B CLEAN
	DS83	AW300 29485								
	DS84	29486								
	DS85	29487								
		29488								
		29489				190				
		29490								
		29491								
	CCU	ICM544A	0.5							A 1254↑, SURR OK B OK
	IBLK	ICM3IN	0.03							A CLEAN B CLEAN
12/4/95 DMS	—	PRIMER				01			—	NEW SEQUENCE 40
	—								—	
	—								—	
	CCU	ICM66MN	0.5							
	CCU	ICM544A	0.5			05				
	IBLK	ICM3IN	0.03							

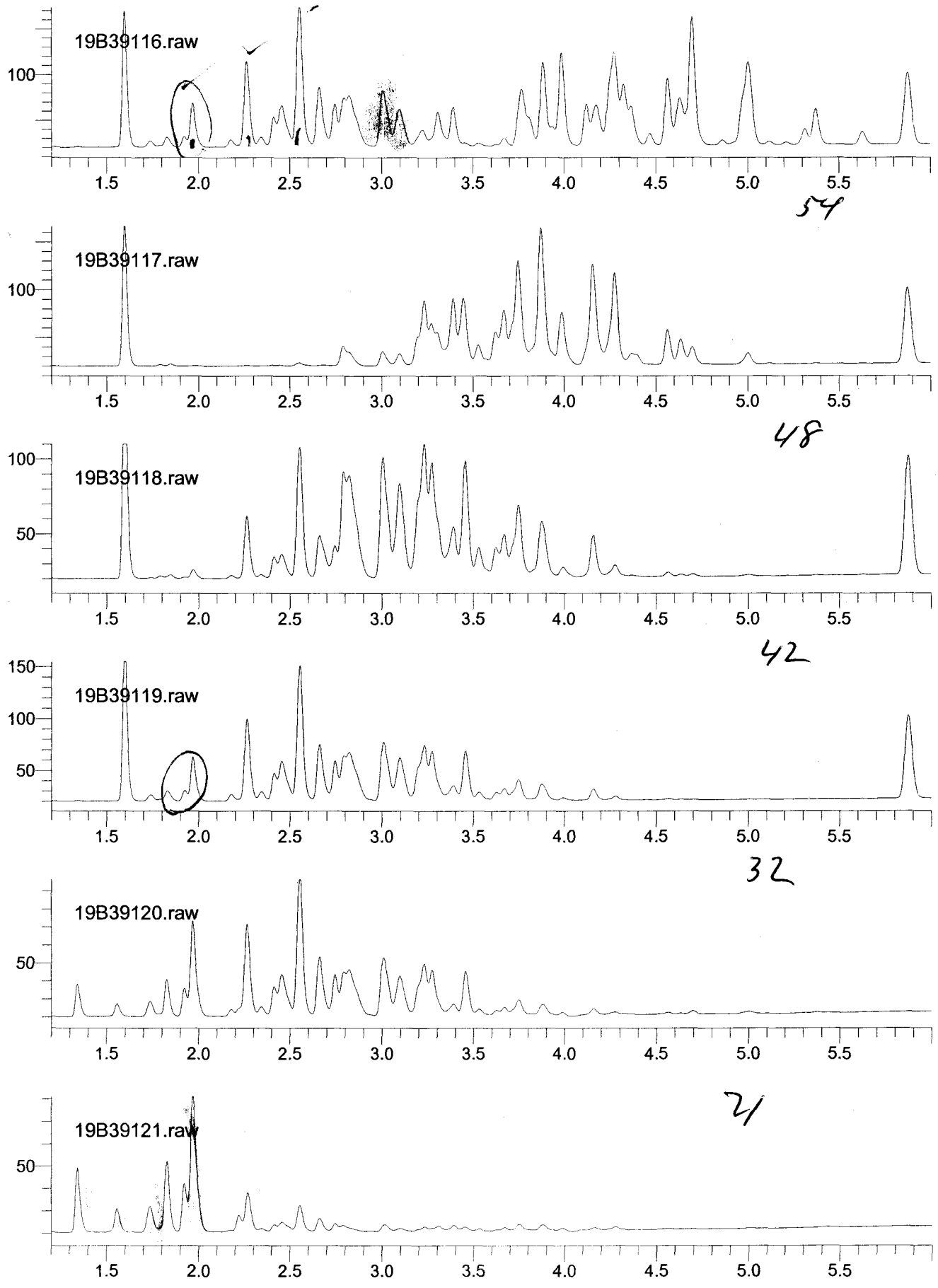
323-1004

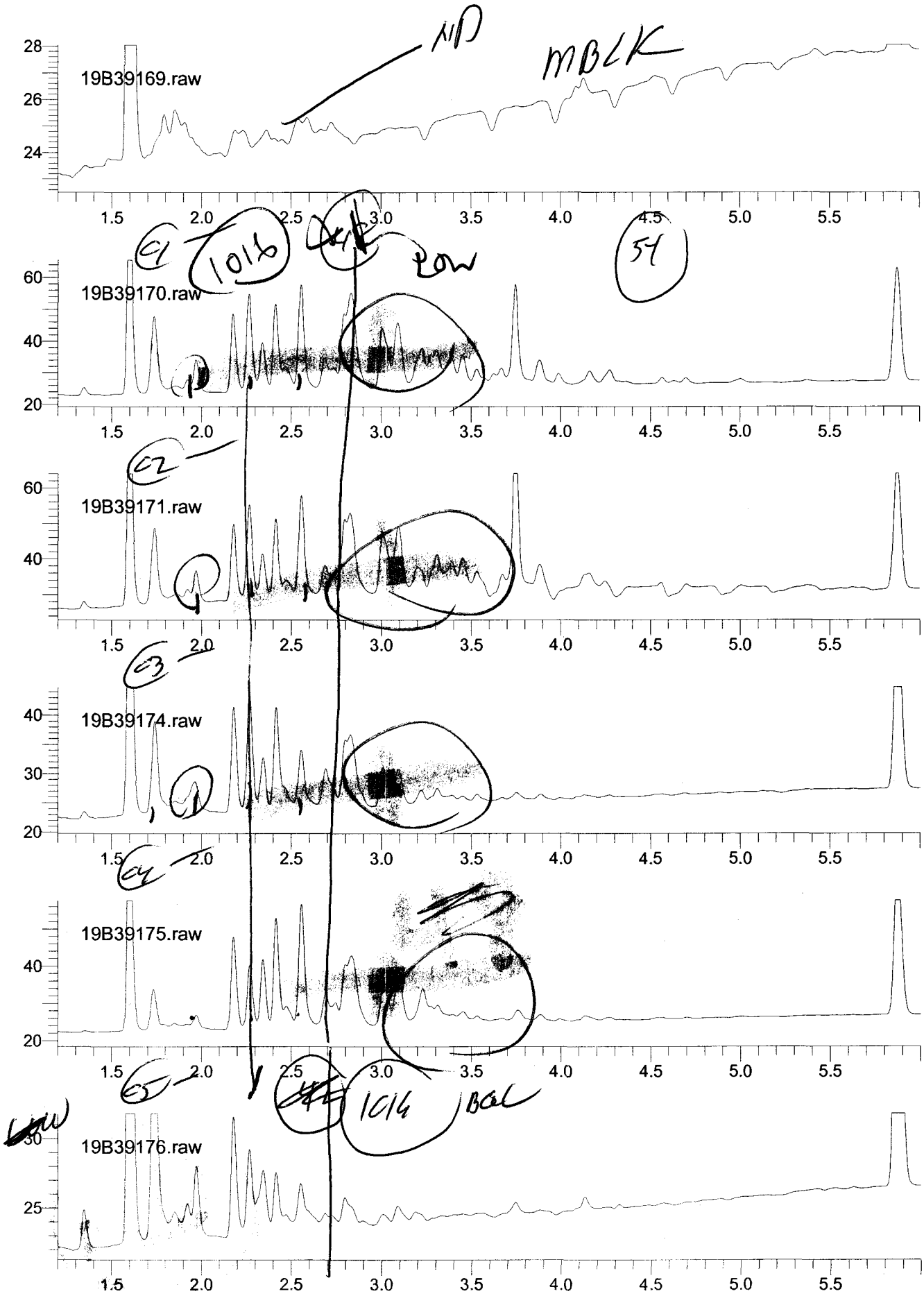
SEVERN TRENT LABORATORIES, INC. – BUFFALO

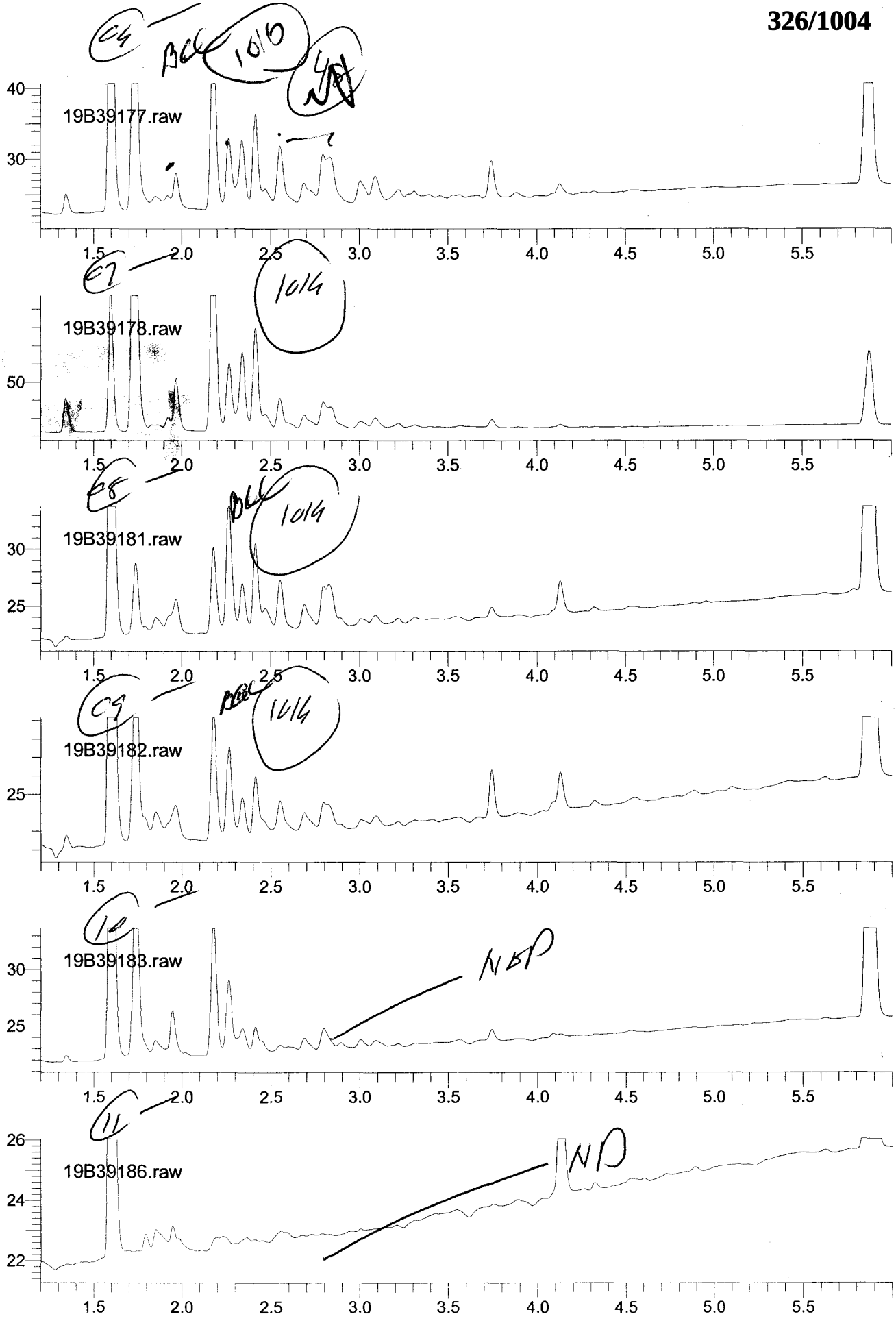
REVIEWED BY

1614

1260


19B39116.raw
100
1.5
2.0
2.5
3.0
3.5
4.0
4.5
5.0
5.5
54
19B39117.raw
100
48
19B39118.raw
100
50
42
19B39119.raw
150
100
50
32
19B39120.raw
50
21
19B39121.raw
50


19B39169.raw
19B39170.raw
19B39171.raw
19B39174.raw
19B39175.raw
19B39176.raw
MB
MBLK
1016
LOW
54
1014
BOL
LOW


C4
BLK
1016
40
30
19B39177.raw
1.5
2.0
2.5
3.0
3.5
4.0
4.5
5.0
5.5
E7
1014
50
19B39178.raw
E8
BLK
1014
30
25
19B39181.raw
C9
BLK
1014
25
19B39182.raw
I0
NBP
30
25
19B39183.raw
I1
ND
26
24
22
19B39186.raw

Metals Data

STL BUFFALO

Ecology & Environment, Inc.

COVER PAGE - INORGANIC ANALYSIS DATA PACKAGE

Contract: NY04-571 SDG No.: A05-D983

Lab Code: STLBFLO Case No.: SAS No.:

SOW No.:

Sample ID.	Lab Sample No.
NM-MW01-W-0-1205	A5D98311
NM-MWDEC-W-0-1205	A5D98305
NM-MWDOT-W-0-1205	A5D98310
NM-MWIOW-W-0-1205	A5D98306
NM-MWMPI1-W-0-1205	A5D98301
NM-MWMPI1-W-D-1205	A5D98302
NM-MWMPI2-W-0-1205	A5D98303
NM-MWMPI3-W-0-1205	A5D98304
NM-MWMPIO4-W-0-1205	A5D98307
NM-MWMPIO4-W-0-1205\MS	A5D98307MS
NM-MWMPIO4-W-0-1205\SD	A5D98307SD
NM-MWMPIO5-W-0-1205	A5D98309
NM-MWMPIO6-W-0-1205	A5D98308

Were ICP interelement corrections applied? Yes/No YES

Were ICP background corrections applied? Yes/No YES

If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Tony Bogolin Name: Tony Bogolin

Date: 12/30/05 Title: Project Manager

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW01-W-0-1205

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A05-D983

Matrix (soil/water): WATER Lab Sample ID: AD570561

Level (low/med): LOW Date Received: 12/8/2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	51300			P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	19.9			P
7440-39-3	Barium	363			P
7440-41-7	Beryllium	2.2			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	142000			P
7440-47-3	Chromium	58.6			P
7440-48-4	Cobalt	27.2			P
7440-50-8	Copper	67.6			P
7439-89-6	Iron	67800			P
7439-92-1	Lead	27.2			P
7439-95-4	Magnesium	39300			P
7439-96-5	Manganese	1230			P
7440-02-0	Nickel	61.3			P
7440-09-7	Potassium	12700			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	31900			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	78.7			P
7440-66-6	Zinc	152			P

Color Before: GRAY Clarity Before: CLOUDY Texture: NONE

Color After: GRAY Clarity After: CLOUDY Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MWDEC-W-0-1205

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A05-D983

Matrix (soil/water): WATER Lab Sample ID: AD570553

Level (low/med): LOW Date Received: 12/8/2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	87.5			P
7440-41-7	Beryllium	0.09			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	142000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	25800			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	26500			P
7439-96-5	Manganese	825			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	17700			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	13900			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	20.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MWDOT-W-0-1205

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A05-D983

Matrix (soil/water): WATER Lab Sample ID: AD570560

Level (low/med): LOW Date Received: 12/8/2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	755			P
7440-41-7	Beryllium	0.25			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	178000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	76100			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	33900			P
7439-96-5	Manganese	340			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	4030			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	7680			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	20.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MWIOW-W-0-1205

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A05-D983

Matrix (soil/water): WATER Lab Sample ID: AD570554

Level (low/med): LOW Date Received: 12/8/2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	400			P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	741			P
7440-41-7	Beryllium	0.19			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	190000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	78700			P
7439-92-1	Lead	70.1			P
7439-95-4	Magnesium	35500			P
7439-96-5	Manganese	280			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	4140			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	10300			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	20.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MWMPI1-W-0-1205

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A05-D983

Matrix (soil/water): WATER Lab Sample ID: AD570549

Level (low/med): LOW Date Received: 12/8/2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	524			P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	890			P
7440-41-7	Beryllium	0.17			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	170000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	78400			P
7439-92-1	Lead	29.1			P
7439-95-4	Magnesium	34600			P
7439-96-5	Manganese	356			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	4920			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	6700			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	20.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment. Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MWMPI1-W-D-1205

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A05-D983

Matrix (soil/water): WATER Lab Sample ID: AD570550

Level (low/med): LOW Date Received: 12/8/2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	637			P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	893			P
7440-41-7	Beryllium	0.23			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	167000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	78100			P
7439-92-1	Lead	16.4			P
7439-95-4	Magnesium	34200			P
7439-96-5	Manganese	349			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	5110			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	6630			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	20.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MWMPI2-W-0-1205

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A05-D983

Matrix (soil/water): WATER Lab Sample ID: AD570551

Level (low/med): LOW Date Received: 12/8/2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1090			P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	332			P
7440-41-7	Beryllium	0.12			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	68200			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	11.5			P
7439-89-6	Iron	30600			P
7439-92-1	Lead	354			P
7439-95-4	Magnesium	12400			P
7439-96-5	Manganese	385			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	4280			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	2430			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	20.6			P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MWMPI3-W-0-1205

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A05-D983

Matrix (soil/water): WATER Lab Sample ID: AD570552

Level (low/med): LOW Date Received: 12/8/2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	300			P
7440-41-7	Beryllium	0.13			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	73300			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	25700			P
7439-92-1	Lead	31.0			P
7439-95-4	Magnesium	13700			P
7439-96-5	Manganese	143			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	2390			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	2280			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	20.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MWMPIO4-W-0-1205

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A05-D983

Matrix (soil/water): WATER Lab Sample ID: AD570555

Level (low/med): LOW Date Received: 12/8/2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	875			P
7440-41-7	Beryllium	0.25			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	178000			P
7440-47-3	Chromium	5.3			P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	97200			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	36100			P
7439-96-5	Manganese	210			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	4600			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	11100			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	20.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment. Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MWMPIO5-W-0-1205

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A05-D983

Matrix (soil/water): WATER Lab Sample ID: AD570559

Level (low/med): LOW Date Received: 12/8/2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	796			P
7440-41-7	Beryllium	0.30			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	208000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	80200			P
7439-92-1	Lead	15.6			P
7439-95-4	Magnesium	32200			P
7439-96-5	Manganese	223			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	3020			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	1.3			CV
7440-23-5	Sodium	11000			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	20.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MWMPIO6-W-0-1205

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A05-D983

Matrix (soil/water): WATER Lab Sample ID: AD570558

Level (low/med): LOW Date Received: 12/8/2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	755			P
7440-41-7	Beryllium	0.31			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	186000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	78100			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	38700			P
7439-96-5	Manganese	157			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	2420			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	8700			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	20.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

Initial Calibration Source: VHG/INO.VENT.

Continuing Calibration Source: VHG/INOR.VENT.

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum	18750.0	18943.50	101.0	25000.0	25286.74	101.1	26291.07	105.2	P
Antimony	375.0	378.13	100.8	500.0	495.17	99.0	517.39	103.5	P
Arsenic	375.0	363.85	97.0	500.0	478.38	95.7	492.77	98.6	P
Barium	375.0	368.03	98.1	500.0	489.18	97.8	517.65	103.5	P
Beryllium	375.0	372.66	99.4	500.0	494.85	99.0	495.53	99.1	P
Cadmium	375.0	365.12	97.4	500.0	487.03	97.4	485.07	97.0	P
Calcium	18750.0	18818.30	100.4	25000.0	25138.43	100.6	24795.96	99.2	P
Chromium	375.0	370.12	98.7	500.0	492.95	98.6	492.11	98.4	P
Cobalt	375.0	367.21	97.9	500.0	490.70	98.1	493.26	98.7	P
Copper	375.0	383.95	102.4	500.0	512.27	102.5	538.08	107.6	P
Iron	18750.0	18545.34	98.9	25000.0	24854.45	99.4	24923.60	99.7	P
Lead	375.0	370.12	98.7	500.0	493.61	98.7	497.16	99.4	P
Magnesium	18750.0	18757.68	100.0	25000.0	25012.87	100.1	25413.55	101.7	P
Manganese	375.0	377.24	100.6	500.0	504.08	100.8	505.78	101.2	P
Nickel	375.0	372.55	99.3	500.0	497.89	99.6	500.50	100.1	P
Potassium	18750.0	19012.32	101.4	25000.0	25494.92	102.0	27393.96	109.6	P
Selenium	375.0	370.04	98.7	500.0	495.37	99.1	512.29	102.5	P
Silver	375.0	364.34	97.2	500.0	484.79	97.0	494.03	98.8	P
Sodium	18750.0	19244.96	102.6	25000.0	25697.32	102.8	26999.80	108.0	P
Thallium	375.0	371.58	99.1	500.0	487.49	97.5	501.45	100.3	P
Vanadium	375.0	370.98	98.9	500.0	493.04	98.6	499.92	100.0	P
Zinc	375.0	365.43	97.4	500.0	491.40	98.3	479.08	95.8	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

Initial Calibration Source: VHG/INO.VENT.

Continuing Calibration Source: VHG/INOR.VENT.

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				25000.0	24468.15	97.9	23859.07	95.4	P
Antimony				500.0	487.96	97.6	476.20	95.2	P
Arsenic				500.0	469.72	93.9	459.05	91.8	P
Barium				500.0	481.56	96.3	475.14	95.0	P
Beryllium				500.0	480.26	96.1	470.26	94.1	P
Cadmium				500.0	473.62	94.7	467.55	93.5	P
Calcium				25000.0	24467.52	97.9	23800.39	95.2	P
Chromium				500.0	480.42	96.1	470.99	94.2	P
Cobalt				500.0	479.90	96.0	473.59	94.7	P
Copper				500.0	499.40	99.9	490.68	98.1	P
Iron				25000.0	24336.35	97.3	23989.30	96.0	P
Lead				500.0	482.24	96.4	473.99	94.8	P
Magnesium				25000.0	24368.54	97.5	23865.85	95.5	P
Manganese				500.0	492.90	98.6	484.91	97.0	P
Nickel				500.0	486.39	97.3	478.80	95.8	P
Potassium				25000.0	25215.70	100.9	25113.41	100.5	P
Selenium				500.0	479.98	96.0	478.36	95.7	P
Silver				500.0	475.54	95.1	466.84	93.4	P
Sodium				25000.0	25057.15	100.2	24890.43	99.6	P
Thallium				500.0	481.32	96.3	467.57	93.5	P
Vanadium				500.0	475.95	95.2	464.52	92.9	P
Zinc				500.0	483.22	96.6	473.48	94.7	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

Initial Calibration Source: VHG/INO.VENT.

Continuing Calibration Source: VHG/INOR.VENT.

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				25000.0	23613.78	94.5			P
Antimony				500.0	474.46	94.9			P
Arsenic				500.0	455.06	91.0			P
Barium				500.0	469.54	93.9			P
Beryllium				500.0	466.67	93.3			P
Cadmium				500.0	475.22	95.0			P
Calcium				25000.0	23628.55	94.5			P
Chromium				500.0	469.39	93.9			P
Cobalt				500.0	474.59	94.9			P
Copper				500.0	488.86	97.8			P
Iron				25000.0	24270.24	97.1			P
Lead				500.0	473.55	94.7			P
Magnesium				25000.0	23776.22	95.1			P
Manganese				500.0	486.51	97.3			P
Nickel				500.0	484.10	96.8			P
Potassium				25000.0	25493.12	102.0			P
Selenium				500.0	476.81	95.4			P
Silver				500.0	461.68	92.3			P
Sodium				25000.0	25070.38	100.3			P
Thallium				500.0	459.28	91.9			P
Vanadium				500.0	456.77	91.4			P
Zinc				500.0	480.23	96.0			P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

Initial Calibration Source: VHG/INO.VENT.

Continuing Calibration Source: VHG/INOR.VENT.

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Thallium	375.0	382.96	102.1	500.0	500.81	100.2	506.79	101.4	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

Initial Calibration Source: VHG/INO.VENT.

Continuing Calibration Source: VHG/INOR.VENT.

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Thallium				500.0	501.96	100.4	504.93	101.0	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

Initial Calibration Source: VHG/INO.VENT.

Continuing Calibration Source: VHG/INOR.VENT.

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Thallium	375.0	384.32	102.5	500.0	496.50	99.3	514.24	102.8	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

Initial Calibration Source: VHG/INO.VENT.

Continuing Calibration Source: VHG/INOR.VENT.

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Thallium				500.0	518.53	103.7	523.45	104.7	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

Initial Calibration Source: VHG/INO.VENT.

Continuing Calibration Source: VHG/INOR.VENT.

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Mercury	3.0	3.10	103.3	2.0	2.11	105.5	2.11	105.5	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

Initial Calibration Source: VHG/INO.VENT.

Continuing Calibration Source: VHG/INOR.VENT.

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury				2.0	2.11	105.5	2.12	106.0	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

Initial Calibration Source: VHG/INO.VENT.

Continuing Calibration Source: VHG/INOR.VENT.

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Mercury				2.0	2.11	105.5			CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Ecology & Environment, Inc.
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG No.: A05-D983

AA CRDL Standard Source: _____

ICP CRDL Standard Source: VHG

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Aluminum				200.0	197.57	98.8	211.43	105.7
Antimony				20.0	19.93	99.6	18.32	91.6
Arsenic				10.0	9.08	90.8	9.28	92.8
Barium				2.0	2.03	101.5	2.21	110.5
Beryllium				2.0	1.93	96.5	1.91	95.5
Cadmium				1.0	0.91	91.0	0.77	77.0
Calcium				500.0	498.70	99.7	505.17	101.0
Chromium				4.0	3.82	95.5	4.09	102.2
Cobalt				4.0	4.01	100.2	4.25	106.2
Copper				10.0	9.58	95.8	10.43	104.3
Iron				50.0	60.03	120.1	57.78	115.6
Lead				5.0	5.40	108.0	3.49	69.8
Magnesium				200.0	199.93	100.0	204.61	102.3
Manganese				3.0	3.00	100.0	3.05	101.7
Nickel				10.0	11.01	110.1	10.30	103.0
Potassium				500.0	453.63	90.7	503.24	100.6
Selenium				15.0	14.01	93.4	17.35	115.7
Silver				3.0	2.97	99.0	2.91	97.0
Sodium				1000.0	631.92	63.2	709.77	71.0
Thallium				20.0	21.24	106.2	18.79	94.0
Vanadium				5.0	4.56	91.2	4.67	93.4
Zinc				20.0	20.49	102.4	20.45	102.2

Comments:

Ecology & Environment, Inc.
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG No.: A05-D983

AA CRDL Standard Source: _____

ICP CRDL Standard Source: VHG

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Thallium				20.0	20.62	103.1		

Comments:

Ecology & Environment, Inc.
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG No.: A05-D983

AA CRDL Standard Source: _____

ICP CRDL Standard Source: VHG

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Thallium				20.0	18.29	91.4		

Comments:

Ecology & Environment, Inc.

-2B-

CRDL STANDARD FOR AA AND ICP

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG No.: A05-D983

AA CRDL Standard Source: _____

ICP CRDL Standard Source: VHG

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Mercury	0.2	0.14	70.0					

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	200.0	U	200.0	U	200.0	U	200.0	U	200.000	U	P
Antimony	20.0	U	20.0	U	20.0	U	20.0	U	20.000	U	P
Arsenic	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Barium	2.0	U	2.0	U	2.0	U	2.0	U	2.000	U	P
Beryllium	0.3		0.3		0.2		0.4		-0.150		P
Cadmium	1.0	U	1.0	U	1.0	U	1.0	U	1.000	U	P
Calcium	500.0	U	500.0	U	500.0	U	500.0	U	500.000	U	P
Chromium	4.0	U	4.0	U	4.0	U	4.0	U	4.000	U	P
Cobalt	4.0	U	4.0	U	4.0	U	4.0	U	4.000	U	P
Copper	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Iron	50.0	U	50.0	U	50.0	U	50.0	U	50.000	U	P
Lead	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P
Magnesium	200.0	U	200.0	U	200.0	U	200.0	U	200.000	U	P
Manganese	3.0	U	3.0	U	3.0	U	3.0	U	3.000	U	P
Nickel	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Potassium	500.0	U	500.0	U	500.0	U	500.0	U	500.000	U	P
Selenium	15.0	U	15.0	U	15.0	U	15.0	U	15.000	U	P
Silver	3.0	U	3.0	U	3.0	U	3.0	U	3.000	U	P
Sodium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	1000.000	U	P
Thallium	20.0	U	20.0	U	20.0	U	20.0	U			P
Vanadium	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P
Zinc	20.0	U	20.0	U	20.0	U	20.0	U	20.000	U	P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			200.0	U	200.0	U					P
Antimony			20.0	U	20.0	U					P
Arsenic			10.0	U	10.0	U					P
Barium			2.0	U	2.0	U					P
Beryllium			0.2		0.3						P
Cadmium			1.0	U	1.0	U					P
Calcium			500.0	U	500.0	U					P
Chromium			4.0	U	4.0	U					P
Cobalt			4.0	U	4.0	U					P
Copper			10.0	U	10.0	U					P
Iron			50.0	U	50.0	U					P
Lead			5.0	U	5.0	U					P
Magnesium			200.0	U	200.0	U					P
Manganese			3.0	U	3.0	U					P
Nickel			10.0	U	10.0	U					P
Potassium			500.0	U	500.0	U					P
Selenium			15.0	U	15.0	U					P
Silver			3.0	U	3.0	U					P
Sodium			1000.0	U	1000.0	U					P
Thallium			20.0	U	20.0	U					P
Vanadium			5.0	U	5.0	U					P
Zinc			20.0	U	20.0	U					P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Thallium	20.0	U	20.0	U	20.0	U	20.0	U	20.000	U	P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Thallium			20.0	U							P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Thallium	20.0	U	20.0	U	20.0	U	20.0	U			P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Thallium			20.0	U							P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Mercury	0.1	U	0.1	U	0.1	U	0.1	U	0.200	U	CV

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Mercury			0.1	U	0.1	U					CV

Comments:

STL BUFFALO

Ecology & Environment. Inc.

-4-

ICP INTERFERENCE CHECK SAMPLE

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

ICP ID Number: SUPERTRACE2 ICS Source: VHG

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Aluminum	500000	500000	483020	490435.7	98.1	475538	485258.7	97.1
Antimony		600	5	605.7	101.0	0	603.7	100.6
Arsenic		100	2	98.8	98.8	4	99.8	99.8
Barium		500	13	524.7	104.9	13	527.1	105.4
Beryllium		500	2	480.5	96.1	2	476.1	95.2
Cadmium		1000	-9	907.0	90.7	-10	897.9	89.8
Calcium	500000	500000	481305	488242.3	97.6	478538	486587.3	97.3
Chromium		500	-15	456.5	91.3	-14	455.0	91.0
Cobalt		500	1	452.3	90.5	1	453.0	90.6
Copper		500	0	516.5	103.3	1	513.4	102.7
Iron	200000	100000	185008	93077.0	93.1	184382	93168.7	93.2
Lead		50	7	52.7	105.4	5	54.2	108.4
Magnesium	500000	500000	486224	488374.3	97.7	482619	486217.8	97.2
Manganese		500	0	471.8	94.4	0	470.4	94.1
Nickel		1000	1	939.9	94.0	1	934.0	93.4
Potassium			-15	-10.6		-3	-13.6	
Selenium		50	-9	40.8	81.6	-12	42.9	85.8
Silver		200	0	213.7	106.8	0	213.2	106.6
Sodium			2	5.9		6	8.2	
Thallium		100	-28	77.5	77.5	-32	80.3	80.3
Vanadium		500	0	478.8	95.8	0	472.6	94.5
Zinc		1000	-2	919.9	92.0	-2	922.7	92.3

STL BUFFALO

Ecology & Environment, Inc.

-4-

ICP INTERFERENCE CHECK SAMPLE

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

ICP ID Number: SUPERTRACE2 ICS Source: VHG

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Aluminum	500000	500000	483020	490435.7	98.1	475538	485258.7	97.1
Antimony		600	5	605.7	101.0	0	603.7	100.6
Arsenic		100	2	98.8	98.8	4	99.8	99.8
Barium		500	13	524.7	104.9	13	527.1	105.4
Beryllium		500	2	480.5	96.1	2	476.1	95.2
Cadmium		1000	-9	907.0	90.7	-10	897.9	89.8
Calcium	500000	500000	481305	488242.3	97.6	478538	486587.3	97.3
Chromium		500	-15	456.5	91.3	-14	455.0	91.0
Cobalt		500	1	452.3	90.5	1	453.0	90.6
Copper		500	0	516.5	103.3	1	513.4	102.7
Iron	200000	100000	185008	93077.0	93.1	184382	93168.7	93.2
Lead		50	7	52.7	105.4	5	54.2	108.4
Magnesium	500000	500000	486224	488374.3	97.7	482619	486217.8	97.2
Manganese		500	0	471.8	94.4	0	470.4	94.1
Nickel		1000	1	939.9	94.0	1	934.0	93.4
Potassium			-15	-10.6		-3	-13.6	
Selenium		50	-9	40.8	81.6	-12	42.9	85.8
Silver		200	0	213.7	106.8	0	213.2	106.6
Sodium			2	5.9		6	8.2	
Thallium		100	-28	77.5	77.5	-32	80.3	80.3
Vanadium		500	0	478.8	95.8	0	472.6	94.5
Zinc		1000	-2	919.9	92.0	-2	922.7	92.3

STL BUFFALO

Ecology & Environment, Inc.

-4-

ICP INTERFERENCE CHECK SAMPLE

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

ICP ID Number: SUPERTRACE2 ICS Source: VHG

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Thallium		100	-33	84.9	84.9			

STL BUFFALO

Ecology & Environment. Inc.

-4-

ICP INTERFERENCE CHECK SAMPLE

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

ICP ID Number: SUPERTRACE2 ICS Source: VHG

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Thallium		100	-33	84.9	84.9			

STL BUFFALO

Ecology & Environment, Inc.

-4-

ICP INTERFERENCE CHECK SAMPLE

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

ICP ID Number: SUPERTRACE ICS Source: VHG

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Thallium		100	-2	93.7	93.7			

STL BUFFALO

Ecology & Environment, Inc.

-4-

ICP INTERFERENCE CHECK SAMPLE

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

ICP ID Number: SUPERTRACE ICS Source: VHG

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Thallium		100	-2	93.7	93.7			

STL BUFFALO

Ecology & Environment, Inc.

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

NM-MWMPIO4-W-0-1205\MS

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A05-D983

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	9140.7695		200.0000	U	10000.00	91.4		P
Antimony	75 - 125	184.8400		20.0000	U	200.00	92.4		P
Arsenic	75 - 125	183.4500		10.0000	U	200.00	91.7		P
Barium		1058.7300		874.7100		200.00	92.0		P
Beryllium	75 - 125	180.7500		0.2500		200.00	90.2		P
Cadmium	75 - 125	175.8400		1.0000	U	200.00	87.9		P
Calcium		184621.7969		177718.0938		10000.00	69.0		P
Chromium	75 - 125	182.6600		5.3100		200.00	88.7		P
Cobalt	75 - 125	181.9400		4.0000	U	200.00	91.0		P
Copper	75 - 125	189.5300		10.0000	U	200.00	94.8		P
Iron		105251.5000		97175.6484		10000.00	80.8		P
Lead	75 - 125	187.5500		5.0000	U	200.00	93.8		P
Magnesium	75 - 125	44969.2813		36109.3789		10000.00	88.6		P
Manganese	75 - 125	390.2700		209.9500		200.00	90.2		P
Nickel	75 - 125	184.4500		10.0000	U	200.00	92.2		P
Potassium	75 - 125	15010.7002		4600.8301		10000.00	104.1		P
Selenium	75 - 125	189.4400		15.0000	U	200.00	94.7		P
Silver	75 - 125	47.7700		3.0000	U	50.00	95.5		P
Mercury	75 - 125	5.3000		0.2000	U	6.67	79.5		CV
Sodium	75 - 125	21109.4707		11056.5703		10000.00	100.5		P
Thallium	75 - 125	171.0900		20.0000	U	200.00	85.5		P
Vanadium	75 - 125	181.1800		5.0000	U	200.00	90.6		P
Zinc	75 - 125	179.9500		20.0000	U	200.00	90.0		P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

NM-MWMPIO4-W-0-12\SD

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	8907.1904		200.0000	U	10000.00	89.1		P
Antimony	75 - 125	184.4000		20.0000	U	200.00	92.2		P
Arsenic	75 - 125	181.9000		10.0000	U	200.00	91.0		P
Barium		1034.4700		874.7100		200.00	79.9		P
Beryllium	75 - 125	176.3500		0.2500		200.00	88.0		P
Cadmium	75 - 125	172.3900		1.0000	U	200.00	86.2		P
Calcium		180080.0000		177718.0938		10000.00	23.6		P
Chromium	75 - 125	178.2100		5.3100		200.00	86.4		P
Cobalt	75 - 125	177.6100		4.0000	U	200.00	88.8		P
Copper	75 - 125	184.9100		10.0000	U	200.00	92.5		P
Iron		103146.0000		97175.6484		10000.00	59.7		P
Lead	75 - 125	183.1800		5.0000	U	200.00	91.6		P
Magnesium		43983.8711		36109.3789		10000.00	78.7		P
Manganese	75 - 125	380.9400		209.9500		200.00	85.5		P
Nickel	75 - 125	180.0600		10.0000	U	200.00	90.0		P
Potassium	75 - 125	14700.5098		4600.8301		10000.00	101.0		P
Selenium	75 - 125	186.0500		15.0000	U	200.00	93.0		P
Silver	75 - 125	46.4500		3.0000	U	50.00	92.9		P
Mercury	75 - 125	5.4500		0.2000	U	6.67	81.7		CV
Sodium	75 - 125	20708.7402		11056.5703		10000.00	96.5		P
Thallium	75 - 125	166.2100		20.0000	U	200.00	83.1		P
Vanadium	75 - 125	176.4400		5.0000	U	200.00	88.2		P
Zinc	75 - 125	175.7000		20.0000	U	200.00	87.8		P

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.
-5B-

POST DIGEST SPIKE SAMPLE RECOVERY

SAMPLE NO.

NM-MWMPIO4-W-0-1205A

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A05-D983

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added(SA)	%R	Q	M
Aluminum	75 - 125	9433.25		200.00	U	10000.0	94.3		P
Antimony	75 - 125	195.04		20.00	U	200.0	97.5		P
Arsenic	75 - 125	191.49		10.00	U	200.0	95.7		P
Barium	75 - 125	1057.70		874.71		200.0	91.5		P
Beryllium	75 - 125	187.92		0.25		200.0	93.8		P
Cadmium	75 - 125	180.32		1.00	U	200.0	90.2		P
Calcium	75 - 125	184112.00		177718.09		10000.0	63.9	*	P
Chromium	75 - 125	191.90		5.31		200.0	93.3		P
Cobalt	75 - 125	191.14		4.00	U	200.0	95.6		P
Copper	75 - 125	199.16		10.00	U	200.0	99.6		P
Iron	75 - 125	105053.50		97175.65		10000.0	78.8		P
Lead	75 - 125	191.72		5.00	U	200.0	95.9		P
Magnesium	75 - 125	45092.77		36109.38		10000.0	89.8		P
Manganese	75 - 125	393.21		209.95		200.0	91.6		P
Nickel	75 - 125	189.69		10.00	U	200.0	94.8		P
Potassium	75 - 125	15354.01		4600.83		10000.0	107.5		P
Selenium	75 - 125	194.31		15.00	U	200.0	97.2		P
Silver	75 - 125	49.60		3.00	U	50.0	99.2		P
Sodium	75 - 125	21315.36		11056.57		10000.0	102.6		P
Thallium	75 - 125	177.32		20.00	U	200.0	88.7		P
Vanadium	75 - 125	189.00		5.00	U	200.0	94.5		P
Zinc	75 - 125	184.93		20.00	U	200.0	92.5		P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-6-

DUPLICATES

SAMPLE NO.

NM-MWMPIO4-W-0-12\SD

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		9140.7695		8907.1904		2.6		P
Antimony		184.8400		184.4000		0.2		P
Arsenic		183.4500		181.9000		0.8		P
Barium		1058.7300		1034.4700		2.3		P
Beryllium		180.7500		176.3500		2.5		P
Cadmium		175.8400		172.3900		2.0		P
Calcium		184621.7969		180080.0000		2.5		P
Chromium		182.6600		178.2100		2.5		P
Cobalt		181.9400		177.6100		2.4		P
Copper		189.5300		184.9100		2.5		P
Iron		105251.5000		103146.0000		2.0		P
Lead		187.5500		183.1800		2.4		P
Magnesium		44969.2813		43983.8711		2.2		P
Manganese		390.2700		380.9400		2.4		P
Nickel		184.4500		180.0600		2.4		P
Potassium		15010.7002		14700.5098		2.1		P
Selenium		189.4400		186.0500		1.8		P
Silver		47.7700		46.4500		2.8		P
Mercury		5.3000		5.4500		2.8		CV
Sodium		21109.4707		20708.7402		1.9		P
Thallium		171.0900		166.2100		2.9		P
Vanadium		181.1800		176.4400		2.7		P
Zinc		179.9500		175.7000		2.4		P

STL BUFFALO

Ecology & Environment, Inc.

-7-

LABORATORY CONTROL SAMPLE

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

Solid LCS Source: _____

Aqueous LCS Source: INORG.VENT.

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Aluminum	10000.0	9705.30	97.1						
Antimony	200.0	199.96	100.0						
Arsenic	200.0	197.36	98.7						
Barium	200.0	202.43	101.2						
Beryllium	200.0	194.28	97.1						
Cadmium	200.0	194.08	97.0						
Calcium	10000.0	9530.87	95.3						
Chromium	200.0	191.53	95.8						
Cobalt	200.0	194.26	97.1						
Copper	200.0	202.71	101.4						
Iron	10000.0	9867.15	98.7						
Lead	200.0	197.77	98.9						
Magnesium	10000.0	9840.01	98.4						
Manganese	200.0	194.47	97.2						
Nickel	200.0	196.70	98.4						
Potassium	10000.0	10497.09	105.0						
Selenium	200.0	207.08	103.5						
Silver	50.0	50.67	101.3						
Sodium	10000.0	10161.27	101.6						
Thallium	200.0	194.05	97.0						
Vanadium	200.0	196.08	98.0						
Zinc	200.0	190.20	95.1						

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-7-

LABORATORY CONTROL SAMPLE

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

Solid LCS Source: _____

Aqueous LCS Source: INORG.VENT.

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits	%R
Mercury	3.3	3.30	99.0					

Comments: _____

Ecology & Environment, Inc.

-9-

ICP SERIAL DILUTIONS

SAMPLE NO.: NM-MWMPIO4-W-0-1205L

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	200.00	U	1000.00	U			P
Antimony	20.00	U	100.00	U			P
Arsenic	10.00	U	50.00	U			P
Barium	874.71		890.15		1.8		P
Beryllium	0.25		0.35		40.0		P
Cadmium	1.00	U	5.00	U			P
Calcium	177718.09		181858.30		2.3		P
Chromium	5.31		20.00	U	100.0		P
Cobalt	0.85		20.00	U	100.0		P
Copper	10.00	U	50.00	U			P
Iron	97175.65		101347.50		4.3		P
Lead	5.00	U	25.00	U			P
Magnesium	36109.38		36676.15		1.6		P
Manganese	209.95		216.35		3.0		P
Nickel	10.00	U	50.00	U			P
Potassium	4600.83		4185.55		9.0		P
Selenium	15.00	U	75.00	U			P
Silver	3.00	U	15.00	U			P
Sodium	11056.57		8729.55		21.0		P
Thallium	20.00	U	100.00	U			P
Vanadium	5.00	U	25.00	U			P
Zinc	20.00	U	100.00	U			P

Comments: _____

STL BUFFALO

Ecology & Environment. Inc.

-10-

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

ICP ID Number: SUPERTRACE2 Date: 9/27/2005

Flame AA ID Number: _____

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	EQL (ug/L)	EQL (ug/L)	M
Aluminum	308.215		200	200	P
Antimony	206.838		20	20	P
Arsenic	189.042		10	10	P
Barium	493.409		2	2	P
Beryllium	313.042		0.04	0.04	P
Cadmium	226.502		1	1	P
Calcium	317.933		500	500	P
Chromium	267.716		4	4	P
Cobalt	228.616		4	4	P
Copper	324.753		10	10	P
Iron	271.441		50	50	P
Lead	220.353		5	5	P
Magnesium	279.078		200	200	P
Manganese	257.610		3	3	P
Nickel	231.604		10	10	P
Potassium	766.491		500	500	P
Selenium	296.026		15	15	P
Silver	328.068		3	3	P
Sodium	330.232		1000	1000	P
Thallium	190.864		20	20	P
Vanadium	292.402		5	5	P
Zinc	206.200		20	20	P

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-10-

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

ICP ID Number: SUPERTRACE Date: 12/9/2005

Flame AA ID Number: _____

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	EQL (ug/L)	EQL (ug/L)	M
Thallium	190.864		20	20	P

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-10-

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

ICP ID Number: _____ Date: 9/23/2005

Flame AA ID Number: LEEMAN PS200II

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	EQL (ug/L)	EQL (ug/L)	M
Mercury	253.70		0.2	0.2	CV

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-11A-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

ICP ID Number: SUPERTRACE Date: 10/6/2005

Analyte	Wave-length (nm)	Interelement Correction Factors for: Al	Fe	B	Be	Cd
Aluminum	308.22	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.84	0.0000000	0.0000270	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000000	-0.0000200	0.0000000	0.0000000	0.0000000
Barium	493.41	0.0000210	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.68	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000620	0.0000000	0.0000000	0.0000000
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000390	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.62	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	-0.0000400	0.0000000	0.0000000	0.0000000
Iron	271.44	0.0001250	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0004510	0.0000510	0.0000000	0.0000000	0.0000000
Magnesium	279.08	0.0000000	-0.0003300	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000	-0.0000200	0.0000000	0.0000000	0.0000000
Molybdenum	202.03	0.0000000	-0.0000100	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.02	0.0000000	0.0000040	0.0000000	0.0000000	0.0000000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.23	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	-0.0000300	0.0000000	0.0000000	0.0000000
Tin	189.99	0.0000000	-0.0000100	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000250	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	-0.0000300	0.0000000	0.0000000	0.0000000

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-11B-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

ICP ID Number: SUPERTRACE Date: 10/6/2005

Analyte	Wave-length (nm)	Interelement Correction Factors for: Co	Cr	Mn	Na	Ni
Aluminum	308.22	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.84	0.0000000	0.0157540	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000000	0.0001370	0.0000000	0.0000000	0.0000000
Barium	493.41	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.68	0.0005770	0.0013570	-0.0001100	0.0000000	0.0000000
Cadmium	226.50	-0.0001200	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0002030	0.0000000	0.0000000
Cobalt	228.62	0.0000000	-0.0001000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	-0.0001300	0.0000000	0.0000000	0.0000000
Iron	271.44	0.0855200	0.0014280	0.0000000	0.0000000	0.0000000
Lead	220.35	-0.0001200	0.0000000	0.0000970	0.0000000	0.0000000
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.03	0.0001640	0.0000900	-0.0001500	0.0000000	0.0000000
Nickel	231.60	-0.0011100	0.0000000	-0.0001200	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.02	0.0001000	0.0000000	0.0004000	0.0000000	0.0000000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.23	0.0000000	-0.0051200	0.0000000	0.0000000	0.0000000
Thallium	190.86	-0.0023400	0.0001680	-0.0010200	0.0000000	0.0000000
Tin	189.99	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	-0.0004000	0.0000000	0.0000000	0.0000000

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-11B-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

ICP ID Number: SUPERTRACE Date: 10/6/2005

Analyte	Wave-length (nm)	Interelement Correction Factors for: Pb	Sb	Se	Tl	V
Aluminum	308.22	0.0000000	0.0000000	0.0000000	0.0003600	0.0200020
Antimony	206.84	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.41	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0005560
Boron	249.68	0.0000000	0.0000000	0.0000000	0.0016150	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000600
Cobalt	228.62	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0059520
Lead	220.35	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.03	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000950	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.02	0.0000000	0.0000000	0.0000000	0.0000000	0.0001000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000700
Sodium	330.23	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	0.0000000	0.0000000	0.0000000	-0.0018200
Tin	189.99	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-11B-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

ICP ID Number: SUPERTRACE Date: 10/6/2005

Analyte	Wave-length (nm)	Interelement Correction Factors for: Zn				
Aluminum	308.22	0.0000000				
Antimony	206.84	0.0000000				
Arsenic	189.04	0.0000000				
Barium	493.41	0.0000000				
Beryllium	313.04	0.0000000				
Boron	249.68	0.0000000				
Cadmium	226.50	0.0000000				
Calcium	317.93	0.0000000				
Chromium	267.72	0.0000000				
Cobalt	228.62	0.0000000				
Copper	324.75	0.0000000				
Iron	271.44	0.0000000				
Lead	220.35	0.0000000				
Magnesium	279.08	0.0000000				
Manganese	257.61	0.0000000				
Molybdenum	202.03	0.0000000				
Nickel	231.60	0.0000000				
Potassium	766.49	0.0000000				
Selenium	196.02	0.0000000				
Silver	328.07	0.0000000				
Sodium	330.23	0.0000000				
Thallium	190.86	0.0000000				
Tin	189.99	0.0000000				
Titanium	337.28	0.0000000				
Vanadium	292.40	0.0000000				
Zinc	206.20	0.0000000				

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-11A-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

ICP ID Number: SUPERTRACE2 Date: 9/20/2005

Analyte	Wave-length (nm)	Interelement Correction Factors for: Al	Ca	Fe	B	Be
Aluminum	308.215	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.838	0.0000000	0.0000000	0.0000090	0.0000000	0.0000000
Arsenic	189.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.678	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000250	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	-0.0002700	0.0000000	0.0000000
Chromium	267.716	0.0000380	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.753	0.0000000	0.0000000	0.0000060	0.0000000	0.0000000
Iron	271.441	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.352	0.0003170	0.0000000	0.0000610	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.030	0.0000000	0.0000000	-0.0000100	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.021	0.0000160	0.0000000	-0.0000400	0.0000000	0.0000920
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.864	0.0000000	0.0000000	-0.0002400	0.0000000	0.0000000
Tin	189.989	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000210	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	-0.0000400	0.0000000	0.0000000

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-11B-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

ICP ID Number: SUPERTRACE2 Date: 9/20/2005

Analyte	Wave-length (nm)	Interelement Correction Factors for: Cd	Co	Cr	Cu	Mn
Aluminum	308.215	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.838	0.0000000	0.0000000	0.0075790	0.0000000	0.0000000
Arsenic	189.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.678	0.0000000	0.0003590	0.0016250	0.0008990	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	-0.0001800
Cobalt	228.616	0.0000000	0.0000000	-0.0003000	0.0000000	0.0000000
Copper	324.753	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.441	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.352	0.0000000	0.0000000	0.0000000	0.0000000	0.0001040
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.030	0.0000000	0.0009090	0.0000000	0.0000000	-0.0001000
Nickel	231.604	0.0000000	-0.0011500	0.0000000	0.0000000	-0.0000900
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.021	0.0000000	0.0001990	0.0000000	0.0000000	0.0004070
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	-0.0054400	0.0000000	0.0000000
Thallium	190.864	0.0000000	-0.0024400	0.0001830	0.0000650	0.0001150
Tin	189.989	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0007150	0.0000000	0.0000000

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-11B-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

ICP ID Number: SUPERTRACE2 Date: 9/20/2005

Analyte	Wave-length (nm)	Interelement Correction Factors for: Na	Ni	Pb	Sb	Se
Aluminum	308.215	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.838	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.678	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0001470	0.0000000	0.0000000	0.0000000
Copper	324.753	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.441	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.352	0.0000000	0.0002690	0.0000000	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.030	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.021	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.864	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Tin	189.989	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-11B-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

ICP ID Number: SUPERTRACE2 Date: 9/20/2005

Analyte	Wave-length (nm)	Interelement Correction Factors for: Tl	V	Zn		
Aluminum	308.215	0.0000000	0.0107010	0.0000000		
Antimony	206.838	0.0000000	0.0000780	0.0000000		
Arsenic	189.042	0.0000000	0.0000000	0.0000000		
Barium	493.409	0.0000000	0.0000000	0.0000000		
Beryllium	313.042	0.0000000	0.0001670	0.0000000		
Boron	249.678	0.0000000	0.0000000	0.0000000		
Cadmium	226.502	0.0000000	0.0000000	0.0000000		
Calcium	317.90	0.0000000	0.0000000	0.0000000		
Chromium	267.716	0.0000000	-0.0000400	0.0000000		
Cobalt	228.616	0.0000000	0.0000000	0.0000000		
Copper	324.753	0.0000000	0.0000000	0.0000000		
Iron	271.441	0.0000000	0.0086900	0.0000000		
Lead	220.352	0.0000000	-0.0000700	0.0000000		
Magnesium	279.00	0.0000000	0.0000000	0.0000000		
Manganese	257.610	0.0000000	0.0000000	0.0000000		
Molybdenum	202.030	0.0000000	0.0000000	0.0000000		
Nickel	231.604	0.0000830	0.0000000	0.0000000		
Potassium	766.491	0.0000000	0.0000000	0.0000000		
Selenium	196.021	0.0000000	0.0002240	0.0000000		
Silver	328.068	0.0000000	0.0000000	0.0000000		
Sodium	330.232	0.0000000	0.0000000	0.0000000		
Thallium	190.864	0.0000000	-0.0016100	0.0000000		
Tin	189.989	0.0000000	0.0000000	0.0000000		
Titanium	337.28	0.0000000	-0.0000400	0.0000000		
Vanadium	292.402	0.0000000	0.0000000	0.0000000		
Zinc	206.20	0.0000000	0.0000000	0.0000000		

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-12-

ICP LINEAR RANGES (QUARTERLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

ICP ID Number: SUPERTRACE2 Date: 10/10/2005

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Aluminum	15.00	500000	P
Antimony	15.00	50000	P
Arsenic	15.00	20000	P
Barium	15.00	10000	P
Beryllium	15.00	5000	P
Cadmium	15.00	30000	P
Calcium	15.00	800000	P
Chromium	15.00	40000	P
Cobalt	15.00	40000	P
Copper	15.00	25000	P
Iron	15.00	500000	P
Lead	15.00	40000	P
Magnesium	15.00	800000	P
Manganese	15.00	10000	P
Nickel	15.00	25000	P
Potassium	15.00	800000	P
Selenium	15.00	40000	P
Silver	15.00	2000	P
Sodium	15.00	400000	P
Thallium	15.00	40000	P
Vanadium	15.00	50000	P
Zinc	15.00	5000	P

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.
-12-
ICP LINEAR RANGES (QUARTERLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

ICP ID Number: SUPERTRACE Date: 10/5/2005

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Thallium	15.00	40000	P

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-13-

PREPARATION LOG

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

Method: P Prep Method: _____

Sample ID	Preparation Date	Initial Volume	Final Volume(mL)
AD570562-LFB	12/12/2005	50.0	50.0
AD570563-MBLK	12/12/2005	50.0	50.0
NM-MWMPI1-W-0-1205	12/12/2005	50.0	50.0
NM-MWMPI1-W-D-1205	12/12/2005	50.0	50.0
NM-MWMPI2-W-0-1205	12/12/2005	50.0	50.0
NM-MWMPI3-W-0-1205	12/12/2005	50.0	50.0
NM-MWDEC-W-0-1205	12/12/2005	50.0	50.0
NM-MWIOW-W-0-1205	12/12/2005	50.0	50.0
NM-MWMPIO4-W-0-1205	12/12/2005	50.0	50.0
NM-MWMPIO4-W-0-1205\	12/12/2005	50.0	50.0
NM-MWMPIO4-W-0-12\SD	12/12/2005	50.0	50.0
NM-MWMPIO6-W-0-1205	12/12/2005	50.0	50.0
NM-MWMPIO5-W-0-1205	12/12/2005	50.0	50.0
NM-MWDOT-W-0-1205	12/12/2005	50.0	50.0
NM-MW01-W-0-1205	12/12/2005	50.0	50.0

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-13-

PREPARATION LOG

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D983

Method: CV Prep Method: _____

Sample ID	Preparation Date	Initial Volume	Final Volume(mL)
AD570523-LCS	12/9/2005	30.0	50.0
AD570524-MBLK	12/9/2005	30.0	50.0
NM-MWMPI1-W-0-1205	12/9/2005	30.0	50.0
NM-MWMPI1-W-D-1205	12/9/2005	30.0	50.0
NM-MWMPI2-W-0-1205	12/9/2005	30.0	50.0
NM-MWMPI3-W-0-1205	12/9/2005	30.0	50.0
NM-MWDEC-W-0-1205	12/9/2005	30.0	50.0
NM-MWIOW-W-0-1205	12/9/2005	30.0	50.0
NM-MWMPIO4-W-0-1205	12/9/2005	30.0	50.0
NM-MWMPIO4-W-0-1205\	12/9/2005	30.0	50.0
NM-MWMPIO4-W-0-1205\	12/9/2005	30.0	50.0
NM-MWMPIO6-W-0-1205	12/9/2005	30.0	50.0
NM-MWMPIO5-W-0-1205	12/9/2005	30.0	50.0
NM-MWDOT-W-0-1205	12/9/2005	30.0	50.0
NM-MW01-W-0-1205	12/9/2005	30.0	50.0

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG No.: A05-D983

Instrument ID Number: SUPERTRACE2 Method: P

Start Date: 12/12/2005 End Date: 12/13/2005

Sample ID.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
STD BLK	1.00	20:17		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
STD 1	1.00	20:21		X	X	X	X	X	X		X	X	X	X	X		X		X		X	X		X	X	X	
STD 2	1.00	20:25		X	X	X	X	X	X		X	X	X	X	X		X		X		X	X		X	X	X	
STD 3	1.00	20:29		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
STD 3 VER	1.00	20:33		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICV	1.00	20:38		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICB	1.00	20:42		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CRI	1.00	20:47		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSA	1.00	20:51		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSAB	1.00	20:55		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV	1.00	21:01		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	21:05		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	21:10																									
ZZZZZZ	1.00	21:14																									
ZZZZZZ	1.00	21:19																									
ZZZZZZ	1.00	21:23																									
ZZZZZZ	5.00	21:27																									
ZZZZZZ	1.00	21:32																									
ZZZZZZ	1.00	21:36																									
ZZZZZZ	1.00	21:41																									
ZZZZZZ	1.00	21:45																									
AD570563-MBLK	1.00	21:49		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	
CCV	1.00	21:55		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	22:00		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
AD570562-LFB	1.00	22:04		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	
ZZZZZZ	1.00	22:08																									
ZZZZZZ	1.00	22:13																									
ZZZZZZ	1.00	22:17																									
ZZZZZZ	1.00	22:22																									
NM-MWMPI1-W-0-1205	1.00	22:26		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	
NM-MWMPI1-W-D-1205	1.00	22:30		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	
CRI	1.00	22:37		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSA	1.00	22:42		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

STL BUFFALO

Ecology & Environment, Inc.

-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG No.: A05-D983

Instrument ID Number: SUPERTRACE2 Method: P

Start Date: 12/12/2005 End Date: 12/13/2005

Sample ID.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ICSAB	1.00	22:46		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV	1.00	22:52		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	22:56		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MWMPI2-W-0-1205	1.00	23:01		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MWMPI3-W-0-1205	1.00	23:05		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MWDEC-W-0-1205	1.00	23:09		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MWIOW-W-0-1205	1.00	23:14		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MWMPIO4-W-0-120	1.00	23:18		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MWMPIO4-W-0-120	5.00	23:23		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MWMPIO4-W-0-120	1.00	23:27		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MWMPIO4-W-0-120	1.00	23:31		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MWMPIO4-W-0-12\	1.00	23:36		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MWMPIO6-W-0-120	1.00	23:40		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV	1.00	23:46		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	23:50		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MWMPIO5-W-0-120	1.00	23:55		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MWDOT-W-0-1205	1.00	23:59		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MW01-W-0-1205	1.00	00:04		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	00:08																									
ZZZZZZ	1.00	00:12																									
ZZZZZZ	1.00	00:17																									
ZZZZZZ	1.00	00:21																									
ZZZZZZ	1.00	00:26																									
ZZZZZZ	1.00	00:30																									
ZZZZZZ	1.00	00:35																									
CCV	1.00	00:40		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	00:45		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

STL BUFFALO

Ecology & Environment, Inc.

-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG No.: A05-D983

Instrument ID Number: SUPERTRACE2 Method: P

Start Date: 12/13/2005 End Date: 12/13/2005

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
STD BLK	1.00	18:56																					X			
STD 1	1.00	19:00																					X			
STD 2	1.00	19:04																					X			
STD 3	1.00	19:08																					X			
STD 3 VER	1.00	19:13																					X			
ICV	1.00	19:17																					X			
ICB	1.00	19:21																					X			
CRI	1.00	19:26																					X			
ICSA	1.00	19:30																					X			
ICSAB	1.00	19:35																					X			
CCV	1.00	19:40																					X			
CCB	1.00	19:45																					X			
ZZZZZZ	1.00	19:49																								
ZZZZZZ	5.00	19:53																								
ZZZZZZ	1.00	19:58																								
ZZZZZZ	1.00	20:02																								
ZZZZZZ	1.00	20:07																								
ZZZZZZ	1.00	20:11																								
ZZZZZZ	1.00	20:15																								
ZZZZZZ	1.00	20:20																								
ZZZZZZ	1.00	20:24																								
ZZZZZZ	1.00	20:29																								
CCV	1.00	20:34																					X			
CCB	1.00	20:39																					X			
ZZZZZZ	1.00	20:43																								
ZZZZZZ	1.00	20:48																								
ZZZZZZ	1.00	20:52																								
ZZZZZZ	1.00	20:56																								
ZZZZZZ	1.00	21:01																								
ZZZZZZ	5.00	21:05																								
ZZZZZZ	5.00	21:10																								
ZZZZZZ	5.00	21:14																								
ZZZZZZ	5.00	21:18																								

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

STL BUFFALO

Ecology & Environment, Inc.

-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG No.: A05-D983

Instrument ID Number: SUPERTRACE2 Method: P

Start Date: 12/13/2005 End Date: 12/13/2005

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	5.00	21:23																										
CCV	1.00	21:29																					X			
CCB	1.00	21:33																					X			
ZZZZZZ	5.00	21:37																										
ZZZZZZ	5.00	21:42																										
ZZZZZZ	5.00	21:46																										
ZZZZZZ	5.00	21:51																										
ZZZZZZ	1.00	21:55																										
ZZZZZZ	10.00	21:59																										
ZZZZZZ	50.00	22:04																										
ZZZZZZ	10.00	22:08																										
NM-MWMPI1-W-0-1205	1.00	22:13																					X			
NM-MWMPI1-W-D-1205	1.00	22:17																					X			
CCV	1.00	22:23																					X			
CCB	1.00	22:27																					X			

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

STL BUFFALO

Ecology & Environment, Inc.

-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG No.: A05-D983

Instrument ID Number: SUPERTRACE Method: P

Start Date: 12/19/2005 End Date: 12/19/2005

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
STD BLK	1.00	11:58																					X			
STD 1	1.00	12:03																					X			
STD 2	1.00	12:07																					X			
STD 3	1.00	12:12																					X			
STD 3 VER	1.00	12:17																					X			
ICV	1.00	12:27																					X			
ICB	1.00	12:32																					X			
CRI	1.00	12:37																					X			
ICSA	1.00	12:42																					X			
ICSAB	1.00	12:47																					X			
CCV	1.00	12:53																					X			
CCB	1.00	12:58																					X			
ZZZZZZ	1.00	13:03																								
ZZZZZZ	1.00	13:08																								
ZZZZZZ	1.00	13:13																								
ZZZZZZ	1.00	13:17																								
ZZZZZZ	1.00	13:22																								
ZZZZZZ	1.00	13:27																								
ZZZZZZ	1.00	13:32																								
ZZZZZZ	1.00	13:37																								
ZZZZZZ	50.00	13:42																								
ZZZZZZ	50.00	13:46																								
CCV	1.00	13:53																					X			
CCB	1.00	13:57																					X			
ZZZZZZ	10.00	14:02																								
ZZZZZZ	10.00	14:07																								
ZZZZZZ	10.00	14:12																								
ZZZZZZ	10.00	14:17																								
ZZZZZZ	10.00	14:22																								
ZZZZZZ	10.00	14:27																								
ZZZZZZ	10.00	14:31																								
CCV	1.00	17:22																					X			
CCB	1.00	17:27																					X			

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

STL BUFFALO

Ecology & Environment, Inc.

-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG No.: A05-D983

Instrument ID Number: SUPERTRACE Method: P

Start Date: 12/19/2005 End Date: 12/19/2005

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
AD570563-MBLK	1.00	17:31																					X			
AD570562-LFB	1.00	17:39																					X			
ZZZZZZ	1.00	17:43																								
ZZZZZZ	1.00	17:48																								
ZZZZZZ	1.00	17:53																								
ZZZZZZ	5.00	17:58																								
ZZZZZZ	1.00	18:03																								
ZZZZZZ	1.00	18:08																								
ZZZZZZ	1.00	18:13																								
ZZZZZZ	1.00	18:17																								
CCV	1.00	18:24																					X			
CCB	1.00	18:28																					X			

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

STL BUFFALO

Ecology & Environment, Inc.
-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG No.: A05-D983

Instrument ID Number: LEEMAN PS200II Method: CV

Start Date: 12/9/2005 End Date: 12/9/2005

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ICV	1.00	13:56																X									
ICB	1.00	13:57																X									
CRA	1.00	13:58																X									
ZZZZZZ	1.00	14:00																									
ZZZZZZ	1.00	14:01																									
ZZZZZZ	1.00	14:02																									
ZZZZZZ	1.00	14:03																									
ZZZZZZ	1.00	14:05																									
ZZZZZZ	1.00	14:06																									
ZZZZZZ	1.00	14:07																									
ZZZZZZ	1.00	14:08																									
ZZZZZZ	1.00	14:09																									
ZZZZZZ	1.00	14:11																									
CCV	1.00	14:12																X									
CCB	1.00	14:13																X									
ZZZZZZ	1.00	14:14																									
ZZZZZZ	1.00	14:15																									
ZZZZZZ	1.00	14:16																									
ZZZZZZ	1.00	14:18																									
ZZZZZZ	1.00	14:19																									
ZZZZZZ	1.00	14:20																									
ZZZZZZ	1.00	14:21																									
ZZZZZZ	1.00	14:23																									
ZZZZZZ	1.00	14:24																									
ZZZZZZ	1.00	14:25																									
CCV	1.00	14:26																X									
CCB	1.00	14:27																X									
ZZZZZZ	1.00	14:29																									
ZZZZZZ	1.00	14:30																									
ZZZZZZ	1.00	14:31																									
ZZZZZZ	1.00	14:32																									
ZZZZZZ	1.00	14:34																									
ZZZZZZ	1.00	14:35																									

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

STL BUFFALO

Ecology & Environment, Inc.

-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG No.: A05-D983

Instrument ID Number: LEEMAN PS200II Method: CV

Start Date: 12/9/2005 End Date: 12/9/2005

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	14:36																										
ZZZZZZ	1.00	14:38																										
ZZZZZZ	1.00	14:39																										
ZZZZZZ	1.00	14:40																										
CCV	1.00	14:41																X										
CCB	1.00	14:42																X										
NM-MWMPI1-W-0-1205	1.00	14:44																X										
NM-MWMPI1-W-D-1205	1.00	14:45																X										
NM-MWMPI2-W-0-1205	1.00	14:46																X										
NM-MWMPI3-W-0-1205	1.00	14:47																X										
NM-MWDEC-W-0-1205	1.00	14:49																X										
NM-MWIOW-W-0-1205	1.00	14:51																X										
NM-MWMPIO4-W-0-120	1.00	14:52																X										
NM-MWMPIO4-W-0-120	1.00	14:53																X										
NM-MWMPIO4-W-0-120	1.00	14:55																X										
NM-MWMPIO6-W-0-120	1.00	14:56																X										
CCV	1.00	14:57																X										
CCB	1.00	14:58																X										
NM-MWMPIO5-W-0-120	1.00	15:00																X										
NM-MWDOT-W-0-1205	1.00	15:01																X										
NM-MW01-W-0-1205	1.00	15:02																X										
ZZZZZZ	1.00	15:03																										
AD570523-LCS	1.00	15:04																X										
AD570524-MBLK	1.00	15:06																X										
CCV	1.00	15:07																X										
CCB	1.00	15:09																X										

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

Metals Raw Data

Analysis Report 12/20/05 07:20:58 AM page 1

STL Buffalo Analyst: TWS Date: 12/20/05 Secondary Review: AK Date: 12-20-05
Spikes: 13-MDL-01, 1-MDL-5, 5-118-E, 5-118-F, 2-MDL-17
Pippettes: 11-11-05-(1-12)

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	STD BLK	1121905	TRACE1	12/19/05	11:58		X	IR
2	STD 1 L-029-C	1121905	TRACE1	12/19/05	12:03		X	IR
3	STD 2 L-029-D	1121905	TRACE1	12/19/05	12:07		X	IR
4	STD 3 L-029-B	1121905	TRACE1	12/19/05	12:12		X	IR
5	STD 3 VER ↓	1121905	TRACE1	12/19/05	12:17	SW	B	CONC
6	ICV L-031-E	1121905	TRACE1	12/19/05	12:27	SW	Q	CONC
7	ICB L-023-A	1121905	TRACE1	12/19/05	12:32	SW	B	CONC
8	CRI L-016-A	1121905	TRACE1	12/19/05	12:37	SW	B	CONC
9	ICSA L-032-B	1121905	TRACE1	12/19/05	12:42	SW	Q	CONC
10	ICSAB L-032-C	1121905	TRACE1	12/19/05	12:47	SW	Q	CONC
11	CCV L-031-F	1121905	TRACE1	12/19/05	12:53	SW	Q	CONC
12	CCB L-023-A	1121905	TRACE1	12/19/05	12:58	SW	B	CONC
13	AD570463 D980	1121905	TRACE1	12/19/05	13:03	SW	S	CONC
14	A5D98001	1121905	TRACE1	12/19/05	13:08	SW	S	CONC
15	AD570203 D936	1121905	TRACE1	12/19/05	13:13	SW	S	CONC
16	A5D93601	1121905	TRACE1	12/19/05	13:17	SW	S	CONC
17	AD570207	1121905	TRACE1	12/19/05	13:22	SW	S	CONC
18	A5D93605	1121905	TRACE1	12/19/05	13:27	SW	S	CONC
19	AD570209	1121905	TRACE1	12/19/05	13:32	SW	S	CONC
20	A5D93607	1121905	TRACE1	12/19/05	13:37	SW	S	CONC
21	AD571550/(1:50) E096	1121905	TRACE1	12/19/05	13:42	SW	S	CONC
22	AD571403/(1:50) E127	1121905	TRACE1	12/19/05	13:46	SW	S	CONC
23	CCV	1121905	TRACE1	12/19/05	13:53	SW	Q	CONC
24	CCB	1121905	TRACE1	12/19/05	13:57	SW	B	CONC
25	AD571735/(1:10) E166	1121905	TRACE1	12/19/05	14:02	SW	S	CONC
26	AD571739/(1:10)	1121905	TRACE1	12/19/05	14:07	SW	S	CONC
27	AD571741/(1:10)	1121905	TRACE1	12/19/05	14:12	SW	S	CONC
28	AD571745/(1:10)	1121905	TRACE1	12/19/05	14:17	SW	S	CONC
29	AD571838/(1:10) E159	1121905	TRACE1	12/19/05	14:22	SW	S	CONC
30	AD571846/(1:10)	1121905	TRACE1	12/19/05	14:27	SW	S	CONC
31	AD571847/(1:10)	1121905	TRACE1	12/19/05	14:31	SW	S	CONC
32	CCV	1121905	TRACE1	12/19/05	17:22	SW	Q	CONC
33	CCB	1121905	TRACE1	12/19/05	17:27	SW	B	CONC
34	AD570563/PB	1121905	TRACE1	12/19/05	17:31	SW	S	CONC
35	AD570562/FB	1121905	TRACE1	12/19/05	17:39	SW	S	CONC
36	AD572063/PB	1121905	TRACE1	12/19/05	17:43	SW	S	CONC
37	AD572062/FB	1121905	TRACE1	12/19/05	17:48	SW	S	CONC
38	AD572044 E212	1121905	TRACE1	12/19/05	17:53	SW	S	CONC
39	AD572044/L (1:5)	1121905	TRACE1	12/19/05	17:58	SW	S	CONC
40	AD572044/PS	1121905	TRACE1	12/19/05	18:03	SW	S	CONC
41	AD572045/MS	1121905	TRACE1	12/19/05	18:08	SW	S	CONC
42	AD572046/SD	1121905	TRACE1	12/19/05	18:13	SW	S	CONC
43	AD572047 E231	1121905	TRACE1	12/19/05	18:17	SW	S	CONC
44	CCV	1121905	TRACE1	12/19/05	18:24	SW	Q	CONC
45	CCB	1121905	TRACE1	12/19/05	18:28	SW	B	CONC
46	AD572048	1121905	TRACE1	12/19/05	18:33	SW	S	CONC
47	AD572049	1121905	TRACE1	12/19/05	18:38	SW	S	CONC
48	AD572050	1121905	TRACE1	12/19/05	18:43	SW	S	CONC
49	AD572051	1121905	TRACE1	12/19/05	18:48	SW	S	CONC
50	AD572052	1121905	TRACE1	12/19/05	18:53	SW	S	CONC

Analysis Report Summary 12/20/05 07:20:58 AM page 2

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
51	AD572053	1121905	TRACE1	12/19/05	18:58	SW	S	CONC
52	AD572054	1121905	TRACE1	12/19/05	19:02	SW	S	CONC
53	AD572055	1121905	TRACE1	12/19/05	19:07	SW	S	CONC
54	AD572056	1121905	TRACE1	12/19/05	19:12	SW	S	CONC
55	AD572057	1121905	TRACE1	12/19/05	19:17	SW	S	CONC
56	CCV	1121905	TRACE1	12/19/05	19:23	SW	Q	CONC
57	CCB	1121905	TRACE1	12/19/05	19:28	SW	B	CONC
58	AD572058	1121905	TRACE1	12/19/05	19:33	SW	S	CONC
59	AD572059	1121905	TRACE1	12/19/05	19:38	SW	S	CONC
60	AD572060	1121905	TRACE1	12/19/05	19:43	SW	S	CONC
61	AD572061 E285	1121905	TRACE1	12/19/05	19:47	SW	S	CONC
62	A5D97703	1121905	TRACE1	12/19/05	19:52	SW	S	CONC
63	AD572120/PB	1121905	TRACE1	12/19/05	19:57	SW	S	CONC
64	AD572119/CLPSL	1121905	TRACE1	12/19/05	20:02	SW	S	CONC
65	AD572106 E244	1121905	TRACE1	12/19/05	20:07	SW	S	CONC
66	AD572107	1121905	TRACE1	12/19/05	20:12	SW	S	CONC
67	AD572108	1121905	TRACE1	12/19/05	20:17	SW	S	CONC
68	CCV	1121905	TRACE1	12/19/05	20:23	SW	Q	CONC
69	CCB	1121905	TRACE1	12/19/05	20:28	SW	B	CONC
70	AD572109	1121905	TRACE1	12/19/05	20:33	SW	S	CONC
71	AD572110	1121905	TRACE1	12/19/05	20:37	SW	S	CONC
72	AD572111	1121905	TRACE1	12/19/05	20:42	SW	S	CONC
73	AD572112	1121905	TRACE1	12/19/05	20:47	SW	S	CONC
74	AD572112/L (1:5)	1121905	TRACE1	12/19/05	20:52	SW	S	CONC
75	AD572112/PS	1121905	TRACE1	12/19/05	20:57	SW	S	CONC
76	AD572113/MD	1121905	TRACE1	12/19/05	21:02	SW	S	CONC
77	AD572114/MS	1121905	TRACE1	12/19/05	21:07	SW	S	CONC
78	AD572115/SD	1121905	TRACE1	12/19/05	21:11	SW	S	CONC
79	AD572116	1121905	TRACE1	12/19/05	21:16	SW	S	CONC
80	CCV	1121905	TRACE1	12/19/05	21:23	SW	Q	CONC
81	CCB	1121905	TRACE1	12/19/05	21:27	SW	B	CONC
82	AD572117	1121905	TRACE1	12/19/05	21:32	SW	S	CONC
83	AD572118	1121905	TRACE1	12/19/05	21:37	SW	S	CONC
84	CRI	1121905	TRACE1	12/19/05	21:42	SW	B	CONC
85	ICSA	1121905	TRACE1	12/19/05	21:47	SW	Q	CONC
86	ICSAB	1121905	TRACE1	12/19/05	21:52	SW	Q	CONC
87	CCV	1121905	TRACE1	12/19/05	21:58	SW	Q	CONC
88	CCB	1121905	TRACE1	12/19/05	22:03	SW	B	CONC
89	STD BLK	1121905	TRACE1	12/19/05	22:14		X	IR
90	STD 1	1121905	TRACE1	12/19/05	22:18		X	IR
91	STD 2	1121905	TRACE1	12/19/05	22:23		X	IR
92	STD 3	1121905	TRACE1	12/19/05	22:27		X	IR
93	STD 3 VER	1121905	TRACE1	12/19/05	22:32	SW	B	CONC
94	ICV	1121905	TRACE1	12/19/05	22:37	SW	Q	CONC
95	ICB	1121905	TRACE1	12/19/05	22:42	SW	B	CONC
96	CRI	1121905	TRACE1	12/19/05	22:47	SW	B	CONC
97	ICSA	1121905	TRACE1	12/19/05	22:52	SW	Q	CONC
98	ICSAB	1121905	TRACE1	12/19/05	22:56	SW	Q	CONC
99	CCV	1121905	TRACE1	12/19/05	23:03	SW	Q	CONC
100	CCB	1121905	TRACE1	12/19/05	23:07	SW	B	CONC
101	AD572105/PB	1121905	TRACE1	12/19/05	23:12	SW	S	CONC
102	AD572104/CLPSL	1121905	TRACE1	12/19/05	23:17	SW	S	CONC
103	AD572081 E241	1121905	TRACE1	12/19/05	23:22	SW	S	CONC
104	AD572082	1121905	TRACE1	12/19/05	23:27	SW	S	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
105	AD572083	1121905	TRACE1	12/19/05	23:32	SW	S	CONC
106	AD572083/L (1:5)	1121905	TRACE1	12/19/05	23:37	SW	S	CONC
107	AD572083/PS	1121905	TRACE1	12/19/05	23:41	SW	S	CONC
108	AD572084/MD	1121905	TRACE1	12/19/05	23:46	SW	S	CONC
109	AD572085/MS	1121905	TRACE1	12/19/05	23:51	SW	S	CONC
110	AD572086/SD	1121905	TRACE1	12/19/05	23:56	SW	S	CONC
111	CCV	1121905	TRACE1	12/20/05	00:02	SW	Q	CONC
112	CCB	1121905	TRACE1	12/20/05	00:07	SW	B	CONC
113	AD572087	1121905	TRACE1	12/20/05	00:12	SW	S	CONC
114	AD572088	1121905	TRACE1	12/20/05	00:17	SW	S	CONC
115	AD572089	1121905	TRACE1	12/20/05	00:22	SW	S	CONC
116	AD572090	1121905	TRACE1	12/20/05	00:27	SW	S	CONC
117	AD572091	1121905	TRACE1	12/20/05	00:32	SW	S	CONC
118	AD572092	1121905	TRACE1	12/20/05	00:36	SW	S	CONC
119	AD572093	1121905	TRACE1	12/20/05	00:41	SW	S	CONC
120	AD572094	1121905	TRACE1	12/20/05	00:46	SW	S	CONC
121	AD572095	1121905	TRACE1	12/20/05	00:51	SW	S	CONC
122	AD572096	1121905	TRACE1	12/20/05	00:56	SW	S	CONC
123	CCV	1121905	TRACE1	12/20/05	01:02	SW	Q	CONC
124	CCB	1121905	TRACE1	12/20/05	01:07	SW	B	CONC
125	AD572097	1121905	TRACE1	12/20/05	01:12	SW	S	CONC
126	AD572098	1121905	TRACE1	12/20/05	01:17	SW	S	CONC
127	AD572099	1121905	TRACE1	12/20/05	01:22	SW	S	CONC
128	AD572100	1121905	TRACE1	12/20/05	01:26	SW	S	CONC
129	AD572101	1121905	TRACE1	12/20/05	01:31	SW	S	CONC
130	AD572102	1121905	TRACE1	12/20/05	01:36	SW	S	CONC
131	AD572103	1121905	TRACE1	12/20/05	01:41	SW	S	CONC
132	CRI	1121905	TRACE1	12/20/05	01:47	SW	B	CONC
133	ICSA	1121905	TRACE1	12/20/05	01:52	SW	Q	CONC
134	ICSAB	1121905	TRACE1	12/20/05	01:57	SW	Q	CONC
135	CCV	1121905	TRACE1	12/20/05	02:03	SW	Q	CONC
136	CCB	1121905	TRACE1	12/20/05	02:08	SW	B	CONC
137	AD572136/PB	1121905	TRACE1	12/20/05	02:13	SW	S	CONC
138	AD572135/FB	1121905	TRACE1	12/20/05	02:18	SW	S	CONC
139	AD572121 E259	1121905	TRACE1	12/20/05	02:23	SW	S	CONC
140	AD572122	1121905	TRACE1	12/20/05	02:28	SW	S	CONC
141	AD572123	1121905	TRACE1	12/20/05	02:32	SW	S	CONC
142	AD572124	1121905	TRACE1	12/20/05	02:37	SW	S	CONC
143	AD572125	1121905	TRACE1	12/20/05	02:42	SW	S	CONC
144	AD572126	1121905	TRACE1	12/20/05	02:47	SW	S	CONC
145	AD572127	1121905	TRACE1	12/20/05	02:52	SW	S	CONC
146	AD572128	1121905	TRACE1	12/20/05	02:57	SW	S	CONC
147	CCV	1121905	TRACE1	12/20/05	03:03	SW	Q	CONC
148	CCB	1121905	TRACE1	12/20/05	03:08	SW	B	CONC
149	AD572129	1121905	TRACE1	12/20/05	03:13	SW	S	CONC
150	AD572130 E260	1121905	TRACE1	12/20/05	03:18	SW	S	CONC
151	AD572131	1121905	TRACE1	12/20/05	03:23	SW	S	CONC
152	AD572132	1121905	TRACE1	12/20/05	03:27	SW	S	CONC
153	AD572132/L (1:5)	1121905	TRACE1	12/20/05	03:32	SW	S	CONC
154	AD572132/PS	1121905	TRACE1	12/20/05	03:37	SW	S	CONC
155	CRI	1121905	TRACE1	12/20/05	03:42	SW	B	CONC
156	ICSA	1121905	TRACE1	12/20/05	03:47	SW	Q	CONC
157	ICSAB	1121905	TRACE1	12/20/05	03:52	SW	Q	CONC
158	CCV	1121905	TRACE1	12/20/05	03:58	SW	Q	CONC

Analysis Report Summary 12/20/05 07:20:58 AM page 4

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
159	CCB	1121905	TRACE1	12/20/05	04:03	SW	B	CONC
160	AD572133/MD	1121905	TRACE1	12/20/05	04:08	SW	S	CONC
161	AD572134/MS	1121905	TRACE1	12/20/05	04:13	SW	S	CONC
162	AD572156/PB	1121905	TRACE1	12/20/05	04:18	SW	S	CONC
163	AD572155/FB	1121905	TRACE1	12/20/05	04:23	SW	S	CONC
164	AD572137 E286	1121905	TRACE1	12/20/05	04:28	SW	S	CONC
165	AD572138 E288	1121905	TRACE1	12/20/05	04:32	SW	S	CONC
166	AD572139	1121905	TRACE1	12/20/05	04:37	SW	S	CONC
167	CRI	1121905	TRACE1	12/20/05	04:42	SW	B	CONC
168	ICSAB	1121905	TRACE1	12/20/05	04:47	SW	Q	CONC
169	ICSAB	1121905	TRACE1	12/20/05	04:52	SW	Q	CONC
170	CCV	1121905	TRACE1	12/20/05	04:58	SW	Q	CONC
171	CCB	1121905	TRACE1	12/20/05	05:03	SW	B	CONC
172	AD572140	1121905	TRACE1	12/20/05	05:08	SW	S	CONC
173	AD572141	1121905	TRACE1	12/20/05	05:13	SW	S	CONC
174	AD572142 ~~E290~~ E293	1121905	TRACE1	12/20/05	05:18	SW	S	CONC
175	AD572143 E302	1121905	TRACE1	12/20/05	05:23	SW	S	CONC
176	AD572144	1121905	TRACE1	12/20/05	05:28	SW	S	CONC
177	AD572145	1121905	TRACE1	12/20/05	05:32	SW	S	CONC
178	AD572146 E305	1121905	TRACE1	12/20/05	05:37	SW	S	CONC
179	AD572147	1121905	TRACE1	12/20/05	05:42	SW	S	CONC
180	AD572148	1121905	TRACE1	12/20/05	05:47	SW	S	CONC
181	AD572149	1121905	TRACE1	12/20/05	05:52	SW	S	CONC
182	CCV	1121905	TRACE1	12/20/05	05:58	SW	Q	CONC
183	CCB	1121905	TRACE1	12/20/05	06:03	SW	B	CONC
184	AD572149/L (1:5)	1121905	TRACE1	12/20/05	06:08	SW	S	CONC
185	AD572149/PS	1121905	TRACE1	12/20/05	06:13	SW	S	CONC
186	AD572150/MS	1121905	TRACE1	12/20/05	06:18	SW	S	CONC
187	AD572151/SD	1121905	TRACE1	12/20/05	06:23	SW	S	CONC
188	AD572152	1121905	TRACE1	12/20/05	06:28	SW	S	CONC
189	AD572153	1121905	TRACE1	12/20/05	06:33	SW	S	CONC
190	AD572154	1121905	TRACE1	12/20/05	06:37	SW	S	CONC
191	CCV	1121905	TRACE1	12/20/05	06:44	SW	Q	CONC
192	CCB	1121905	TRACE1	12/20/05	06:49	SW	B	CONC

Curvefit Fit Status Summary 12/06/05 10:05:18 AM page 1

Method: TRACE1
Mode: Concentration
Standards Table: NAKCAMG
Data File: 1DEC0605

Element	Wavelength	Date-of-Fit	Type-of-Fit	Correlation
Ca3179	317.933	12/06/05 10:02	Full Fit	.999993
K_7664	766.491	12/06/05 10:03	Full Fit	.999960
Mg2790	279.078	12/06/05 10:04	Full Fit	.999988
Na3302	330.232	12/06/05 10:04	Full Fit	.999936

Calibration Report 12/06/05 09:21:36 AM page 1

Method: TRACE1 Standard Name: STD BLK Operator:
Run Time: 12/06/05 09:18:35
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	.0258572	-.064145	.0043379	.0003345
SDev	.0011334	.000239	.0004796	.0009443
%RSD	4.383441	.3729950	11.05620	282.3079
#1	.0250558	-.063976	.0046771	.0010022
#2	.0266587	-.064314	.0039988	-.000333
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5994	--	--	--	--	--	--
SDev	10.71260	--	--	--	--	--	--
%RSD	.1787153	--	--	--	--	--	--
#1	5987	--	--	--	--	--	--
#2	6002	--	--	--	--	--	--

Calibration Report 12/06/05 09:26:22 AM page 1

Method: TRACE1 Standard Name: STD 1 Operator:
Run Time: 12/06/05 09:23:22
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	4.543910	15.03125	2.236046	.2574965
SDev	.008395	.01144	.004159	.0026557
%RSD	.1847449	.0761014	.1859852	1.031352
#1	4.537974	15.02316	2.233105	.2593743
#2	4.549846	15.03934	2.238987	.2556186
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6029	--	--	--	--	--	--
SDev	6.469958	--	--	--	--	--	--
%RSD	.1073108	--	--	--	--	--	--
#1	6034	--	--	--	--	--	--
#2	6025	--	--	--	--	--	--

Calibration Report 12/06/05 09:31:35 AM page 1

Method: TRACE1 Standard Name: STD 2 Operator:
Run Time: 12/06/05 09:28:34
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	22.66357	71.57854	11.37554	1.292338
SDev	.05463	.47121	.01403	.001358
%RSD	.2410375	.6583173	.1233275	.1050656
#1	22.62494	71.91174	11.36562	1.291378
#2	22.70220	71.24534	11.38546	1.293298
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6008	--	--	--	--	--	--
SDev	18.34956	--	--	--	--	--	--
%RSD	.3054327	--	--	--	--	--	--
#1	6021	--	--	--	--	--	--
#2	5995	--	--	--	--	--	--

Calibration Report 12/06/05 09:36:47 AM page 1

Method: TRACE1 Standard Name: STD 3 Operator:
Run Time: 12/06/05 09:33:47
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	44.87153	144.5518	22.63968	2.718679
SDev	.04748	.1481	.01414	.006106
%RSD	.1058183	.1024383	.0624676	.2246092
#1	44.83795	144.6565	22.62967	2.714362
#2	44.90510	144.4471	22.64967	2.722997
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5918	--	--	--	--	--	--
SDev	20.25854	--	--	--	--	--	--
%RSD	.3422932	--	--	--	--	--	--
#1	5904	--	--	--	--	--	--
#2	5933	--	--	--	--	--	--

Calibration Report 12/06/05 09:42:03 AM page 1

Method: TRACE1 Standard Name: NAKCAMG100 Operator:
Run Time: 12/06/05 09:39:02
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	88.65082	282.1602	45.72832	5.666650
SDev	.04411	1.0240	.05310	.001632
%RSD	.0497607	.3629134	.1161168	.0288047
#1	88.61963	281.4361	45.69078	5.665496
#2	88.68201	282.8843	45.76587	5.667804
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5848	--	--	--	--	--	--
SDev	7.424621	--	--	--	--	--	--
%RSD	.1269622	--	--	--	--	--	--
#1	5853	--	--	--	--	--	--
#2	5843	--	--	--	--	--	--

Calibration Report 12/06/05 09:47:26 AM page 1

Method: TRACE1 Standard Name: NAKCAMG400 Operator:
Run Time: 12/06/05 09:44:26
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	342.9575	1052.789	192.1619	26.53482
SDev	.1137	7.915	.2479	.04654
%RSD	.0331404	.7517787	.1290292	.1754108
#1	342.8771	1047.192	191.9865	26.50191
#2	343.0379	1058.385	192.3372	26.56774
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5563	--	--	--	--	--	--
SDev	4.560977	--	--	--	--	--	--
%RSD	.0819925	--	--	--	--	--	--
#1	5566	--	--	--	--	--	--
#2	5559	--	--	--	--	--	--

Analysis Report Summary 12/20/05 07:21:34 AM page 1

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	A5D93601	1121905	TRACE1	12/19/05	13:17	SW	S	CONC
2	A5D93605	1121905	TRACE1	12/19/05	13:27	SW	S	CONC
3	A5D93607	1121905	TRACE1	12/19/05	13:37	SW	S	CONC
4	A5D97703	1121905	TRACE1	12/19/05	19:52	SW	S	CONC
5	A5D98001	1121905	TRACE1	12/19/05	13:08	SW	S	CONC
6	AD570203	1121905	TRACE1	12/19/05	13:13	SW	S	CONC
7	AD570207	1121905	TRACE1	12/19/05	13:22	SW	S	CONC
8	AD570209	1121905	TRACE1	12/19/05	13:32	SW	S	CONC
9	AD570463	1121905	TRACE1	12/19/05	13:03	SW	S	CONC
10	AD570562/FB	1121905	TRACE1	12/19/05	17:39	SW	S	CONC
11	AD570563/PB	1121905	TRACE1	12/19/05	17:31	SW	S	CONC
12	AD571403/(1:50)	1121905	TRACE1	12/19/05	13:46	SW	S	CONC
13	AD571550/(1:50)	1121905	TRACE1	12/19/05	13:42	SW	S	CONC
14	AD571735/(1:10)	1121905	TRACE1	12/19/05	14:02	SW	S	CONC
15	AD571739/(1:10)	1121905	TRACE1	12/19/05	14:07	SW	S	CONC
16	AD571741/(1:10)	1121905	TRACE1	12/19/05	14:12	SW	S	CONC
17	AD571745/(1:10)	1121905	TRACE1	12/19/05	14:17	SW	S	CONC
18	AD571838/(1:10)	1121905	TRACE1	12/19/05	14:22	SW	S	CONC
19	AD571846/(1:10)	1121905	TRACE1	12/19/05	14:27	SW	S	CONC
20	AD571847/(1:10)	1121905	TRACE1	12/19/05	14:31	SW	S	CONC
21	AD572044	1121905	TRACE1	12/19/05	17:53	SW	S	CONC
22	AD572044/L (1:5)	1121905	TRACE1	12/19/05	17:58	SW	S	CONC
23	AD572044/PS	1121905	TRACE1	12/19/05	18:03	SW	S	CONC
24	AD572045/MS	1121905	TRACE1	12/19/05	18:08	SW	S	CONC
25	AD572046/SD	1121905	TRACE1	12/19/05	18:13	SW	S	CONC
26	AD572047	1121905	TRACE1	12/19/05	18:17	SW	S	CONC
27	AD572048	1121905	TRACE1	12/19/05	18:33	SW	S	CONC
28	AD572049	1121905	TRACE1	12/19/05	18:38	SW	S	CONC
29	AD572050	1121905	TRACE1	12/19/05	18:43	SW	S	CONC
30	AD572051	1121905	TRACE1	12/19/05	18:48	SW	S	CONC
31	AD572052	1121905	TRACE1	12/19/05	18:53	SW	S	CONC
32	AD572053	1121905	TRACE1	12/19/05	18:58	SW	S	CONC
33	AD572054	1121905	TRACE1	12/19/05	19:02	SW	S	CONC
34	AD572055	1121905	TRACE1	12/19/05	19:07	SW	S	CONC
35	AD572056	1121905	TRACE1	12/19/05	19:12	SW	S	CONC
36	AD572057	1121905	TRACE1	12/19/05	19:17	SW	S	CONC
37	AD572058	1121905	TRACE1	12/19/05	19:33	SW	S	CONC
38	AD572059	1121905	TRACE1	12/19/05	19:38	SW	S	CONC
39	AD572060	1121905	TRACE1	12/19/05	19:43	SW	S	CONC
40	AD572061	1121905	TRACE1	12/19/05	19:47	SW	S	CONC
41	AD572062/FB	1121905	TRACE1	12/19/05	17:48	SW	S	CONC
42	AD572063/PB	1121905	TRACE1	12/19/05	17:43	SW	S	CONC
43	AD572081	1121905	TRACE1	12/19/05	23:22	SW	S	CONC
44	AD572082	1121905	TRACE1	12/19/05	23:27	SW	S	CONC
45	AD572083	1121905	TRACE1	12/19/05	23:32	SW	S	CONC
46	AD572083/L (1:5)	1121905	TRACE1	12/19/05	23:37	SW	S	CONC
47	AD572083/PS	1121905	TRACE1	12/19/05	23:41	SW	S	CONC
48	AD572084/MD	1121905	TRACE1	12/19/05	23:46	SW	S	CONC
49	AD572085/MS	1121905	TRACE1	12/19/05	23:51	SW	S	CONC
50	AD572086/SD	1121905	TRACE1	12/19/05	23:56	SW	S	CONC
51	AD572087	1121905	TRACE1	12/20/05	00:12	SW	S	CONC
52	AD572088	1121905	TRACE1	12/20/05	00:17	SW	S	CONC
53	AD572089	1121905	TRACE1	12/20/05	00:22	SW	S	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
54	AD572090	1121905	TRACE1	12/20/05	00:27	SW	S	CONC
55	AD572091	1121905	TRACE1	12/20/05	00:32	SW	S	CONC
56	AD572092	1121905	TRACE1	12/20/05	00:36	SW	S	CONC
57	AD572093	1121905	TRACE1	12/20/05	00:41	SW	S	CONC
58	AD572094	1121905	TRACE1	12/20/05	00:46	SW	S	CONC
59	AD572095	1121905	TRACE1	12/20/05	00:51	SW	S	CONC
60	AD572096	1121905	TRACE1	12/20/05	00:56	SW	S	CONC
61	AD572097	1121905	TRACE1	12/20/05	01:12	SW	S	CONC
62	AD572098	1121905	TRACE1	12/20/05	01:17	SW	S	CONC
63	AD572099	1121905	TRACE1	12/20/05	01:22	SW	S	CONC
64	AD572100	1121905	TRACE1	12/20/05	01:26	SW	S	CONC
65	AD572101	1121905	TRACE1	12/20/05	01:31	SW	S	CONC
66	AD572102	1121905	TRACE1	12/20/05	01:36	SW	S	CONC
67	AD572103	1121905	TRACE1	12/20/05	01:41	SW	S	CONC
68	AD572104/CLPSL	1121905	TRACE1	12/19/05	23:17	SW	S	CONC
69	AD572105/PB	1121905	TRACE1	12/19/05	23:12	SW	S	CONC
70	AD572106	1121905	TRACE1	12/19/05	20:07	SW	S	CONC
71	AD572107	1121905	TRACE1	12/19/05	20:12	SW	S	CONC
72	AD572108	1121905	TRACE1	12/19/05	20:17	SW	S	CONC
73	AD572109	1121905	TRACE1	12/19/05	20:33	SW	S	CONC
74	AD572110	1121905	TRACE1	12/19/05	20:37	SW	S	CONC
75	AD572111	1121905	TRACE1	12/19/05	20:42	SW	S	CONC
76	AD572112	1121905	TRACE1	12/19/05	20:47	SW	S	CONC
77	AD572112/L (1:5)	1121905	TRACE1	12/19/05	20:52	SW	S	CONC
78	AD572112/PS	1121905	TRACE1	12/19/05	20:57	SW	S	CONC
79	AD572113/MD	1121905	TRACE1	12/19/05	21:02	SW	S	CONC
80	AD572114/MS	1121905	TRACE1	12/19/05	21:07	SW	S	CONC
81	AD572115/SD	1121905	TRACE1	12/19/05	21:11	SW	S	CONC
82	AD572116	1121905	TRACE1	12/19/05	21:16	SW	S	CONC
83	AD572117	1121905	TRACE1	12/19/05	21:32	SW	S	CONC
84	AD572118	1121905	TRACE1	12/19/05	21:37	SW	S	CONC
85	AD572119/CLPSL	1121905	TRACE1	12/19/05	20:02	SW	S	CONC
86	AD572120/PB	1121905	TRACE1	12/19/05	19:57	SW	S	CONC
87	AD572121	1121905	TRACE1	12/20/05	02:23	SW	S	CONC
88	AD572122	1121905	TRACE1	12/20/05	02:28	SW	S	CONC
89	AD572123	1121905	TRACE1	12/20/05	02:32	SW	S	CONC
90	AD572124	1121905	TRACE1	12/20/05	02:37	SW	S	CONC
91	AD572125	1121905	TRACE1	12/20/05	02:42	SW	S	CONC
92	AD572126	1121905	TRACE1	12/20/05	02:47	SW	S	CONC
93	AD572127	1121905	TRACE1	12/20/05	02:52	SW	S	CONC
94	AD572128	1121905	TRACE1	12/20/05	02:57	SW	S	CONC
95	AD572129	1121905	TRACE1	12/20/05	03:13	SW	S	CONC
96	AD572130	1121905	TRACE1	12/20/05	03:18	SW	S	CONC
97	AD572131	1121905	TRACE1	12/20/05	03:23	SW	S	CONC
98	AD572132	1121905	TRACE1	12/20/05	03:27	SW	S	CONC
99	AD572132/L (1:5)	1121905	TRACE1	12/20/05	03:32	SW	S	CONC
100	AD572132/PS	1121905	TRACE1	12/20/05	03:37	SW	S	CONC
101	AD572133/MD	1121905	TRACE1	12/20/05	04:08	SW	S	CONC
102	AD572134/MS	1121905	TRACE1	12/20/05	04:13	SW	S	CONC
103	AD572135/FB	1121905	TRACE1	12/20/05	02:18	SW	S	CONC
104	AD572136/PB	1121905	TRACE1	12/20/05	02:13	SW	S	CONC
105	AD572137	1121905	TRACE1	12/20/05	04:28	SW	S	CONC
106	AD572138	1121905	TRACE1	12/20/05	04:32	SW	S	CONC
107	AD572139	1121905	TRACE1	12/20/05	04:37	SW	S	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
108	AD572140	1121905	TRACE1	12/20/05	05:08	SW	S	CONC
109	AD572141	1121905	TRACE1	12/20/05	05:13	SW	S	CONC
110	AD572142	1121905	TRACE1	12/20/05	05:18	SW	S	CONC
111	AD572143	1121905	TRACE1	12/20/05	05:23	SW	S	CONC
112	AD572144	1121905	TRACE1	12/20/05	05:28	SW	S	CONC
113	AD572145	1121905	TRACE1	12/20/05	05:32	SW	S	CONC
114	AD572146	1121905	TRACE1	12/20/05	05:37	SW	S	CONC
115	AD572147	1121905	TRACE1	12/20/05	05:42	SW	S	CONC
116	AD572148	1121905	TRACE1	12/20/05	05:47	SW	S	CONC
117	AD572149	1121905	TRACE1	12/20/05	05:52	SW	S	CONC
118	AD572149/L (1:5)	1121905	TRACE1	12/20/05	06:08	SW	S	CONC
119	AD572149/PS	1121905	TRACE1	12/20/05	06:13	SW	S	CONC
120	AD572150/MS	1121905	TRACE1	12/20/05	06:18	SW	S	CONC
121	AD572151/SD	1121905	TRACE1	12/20/05	06:23	SW	S	CONC
122	AD572152	1121905	TRACE1	12/20/05	06:28	SW	S	CONC
123	AD572153	1121905	TRACE1	12/20/05	06:33	SW	S	CONC
124	AD572154	1121905	TRACE1	12/20/05	06:37	SW	S	CONC
125	AD572155/FB	1121905	TRACE1	12/20/05	04:23	SW	S	CONC
126	AD572156/PB	1121905	TRACE1	12/20/05	04:18	SW	S	CONC
127	CCB	1121905	TRACE1	12/19/05	12:58	SW	B	CONC
128	CCB	1121905	TRACE1	12/19/05	13:57	SW	B	CONC
129	CCB	1121905	TRACE1	12/19/05	17:27	SW	B	CONC
130	CCB	1121905	TRACE1	12/19/05	18:28	SW	B	CONC
131	CCB	1121905	TRACE1	12/19/05	19:28	SW	B	CONC
132	CCB	1121905	TRACE1	12/19/05	20:28	SW	B	CONC
133	CCB	1121905	TRACE1	12/19/05	21:27	SW	B	CONC
134	CCB	1121905	TRACE1	12/19/05	22:03	SW	B	CONC
135	CCB	1121905	TRACE1	12/19/05	23:07	SW	B	CONC
136	CCB	1121905	TRACE1	12/20/05	00:07	SW	B	CONC
137	CCB	1121905	TRACE1	12/20/05	01:07	SW	B	CONC
138	CCB	1121905	TRACE1	12/20/05	02:08	SW	B	CONC
139	CCB	1121905	TRACE1	12/20/05	03:08	SW	B	CONC
140	CCB	1121905	TRACE1	12/20/05	04:03	SW	B	CONC
141	CCB	1121905	TRACE1	12/20/05	05:03	SW	B	CONC
142	CCB	1121905	TRACE1	12/20/05	06:03	SW	B	CONC
143	CCB	1121905	TRACE1	12/20/05	06:49	SW	B	CONC
144	CCV	1121905	TRACE1	12/19/05	12:53	SW	Q	CONC
145	CCV	1121905	TRACE1	12/19/05	13:53	SW	Q	CONC
146	CCV	1121905	TRACE1	12/19/05	17:22	SW	Q	CONC
147	CCV	1121905	TRACE1	12/19/05	18:24	SW	Q	CONC
148	CCV	1121905	TRACE1	12/19/05	19:23	SW	Q	CONC
149	CCV	1121905	TRACE1	12/19/05	20:23	SW	Q	CONC
150	CCV	1121905	TRACE1	12/19/05	21:23	SW	Q	CONC
151	CCV	1121905	TRACE1	12/19/05	21:58	SW	Q	CONC
152	CCV	1121905	TRACE1	12/19/05	23:03	SW	Q	CONC
153	CCV	1121905	TRACE1	12/20/05	00:02	SW	Q	CONC
154	CCV	1121905	TRACE1	12/20/05	01:02	SW	Q	CONC
155	CCV	1121905	TRACE1	12/20/05	02:03	SW	Q	CONC
156	CCV	1121905	TRACE1	12/20/05	03:03	SW	Q	CONC
157	CCV	1121905	TRACE1	12/20/05	03:58	SW	Q	CONC
158	CCV	1121905	TRACE1	12/20/05	04:58	SW	Q	CONC
159	CCV	1121905	TRACE1	12/20/05	05:58	SW	Q	CONC
160	CCV	1121905	TRACE1	12/20/05	06:44	SW	Q	CONC
161	CRI	1121905	TRACE1	12/19/05	12:37	SW	B	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
162	CRI	1121905	TRACE1	12/19/05	21:42	SW	B	CONC
163	CRI	1121905	TRACE1	12/19/05	22:47	SW	B	CONC
164	CRI	1121905	TRACE1	12/20/05	01:47	SW	B	CONC
165	CRI	1121905	TRACE1	12/20/05	03:42	SW	B	CONC
166	CRI	1121905	TRACE1	12/20/05	04:42	SW	B	CONC
167	ICB	1121905	TRACE1	12/19/05	12:32	SW	B	CONC
168	ICB	1121905	TRACE1	12/19/05	22:42	SW	B	CONC
169	ICSA	1121905	TRACE1	12/19/05	12:42	SW	Q	CONC
170	ICSA	1121905	TRACE1	12/19/05	21:47	SW	Q	CONC
171	ICSA	1121905	TRACE1	12/19/05	22:52	SW	Q	CONC
172	ICSA	1121905	TRACE1	12/20/05	01:52	SW	Q	CONC
173	ICSA	1121905	TRACE1	12/20/05	03:47	SW	Q	CONC
174	ICSAB	1121905	TRACE1	12/19/05	12:47	SW	Q	CONC
175	ICSAB	1121905	TRACE1	12/19/05	21:52	SW	Q	CONC
176	ICSAB	1121905	TRACE1	12/19/05	22:56	SW	Q	CONC
177	ICSAB	1121905	TRACE1	12/20/05	01:57	SW	Q	CONC
178	ICSAB	1121905	TRACE1	12/20/05	03:52	SW	Q	CONC
179	ICSAB	1121905	TRACE1	12/20/05	04:47	SW	Q	CONC
180	ICSAB	1121905	TRACE1	12/20/05	04:52	SW	Q	CONC
181	ICV	1121905	TRACE1	12/19/05	12:27	SW	Q	CONC
182	ICV	1121905	TRACE1	12/19/05	22:37	SW	Q	CONC
183	STD 1	1121905	TRACE1	12/19/05	12:03		X	IR
184	STD 1	1121905	TRACE1	12/19/05	22:18		X	IR
185	STD 2	1121905	TRACE1	12/19/05	12:07		X	IR
186	STD 2	1121905	TRACE1	12/19/05	22:23		X	IR
187	STD 3	1121905	TRACE1	12/19/05	12:12		X	IR
188	STD 3	1121905	TRACE1	12/19/05	22:27		X	IR
189	STD 3 VER	1121905	TRACE1	12/19/05	12:17	SW	B	CONC
190	STD 3 VER	1121905	TRACE1	12/19/05	22:32	SW	B	CONC
191	STD BLK	1121905	TRACE1	12/19/05	11:58		X	IR
192	STD BLK	1121905	TRACE1	12/19/05	22:14		X	IR

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
1	A5D93601	.02818	.03978	.00922	.05186	.00000	67.352
2	A5D93605	.02388	.04227	.01055	.03487	-.00004	69.117
3	A5D93607	.02400	-.00060	.17195	.06990	.00007	72.019
4	A5D97703	.47085	.00827	.03850	.04448	.00051	107.59
5	A5D98001	.22722	-.00219	1.0643	.31582	-.00002	106.59
6	AD570203	.02066	.04263	.00986	.05097	.00009	65.180
7	AD570207	.02032	.04106	.01053	.03506	.00012	68.535
8	AD570209	.02566	.00034	.16298	.06932	.00014	70.523
9	AD570463	.02774	.00126	.59811	.08792	.00004	54.990
10	AD570562/FB	9.4469	.19638	.18456	.18783	.19665	9.7282
11	AD570563/PB	.00483	.00105	.00133	-.00013	.00017	.01076
12	AD571403/(1:50)	.02368	.00027	.10004	.00087	.00026	44.556
13	AD571550/(1:50)	.08142	-.00068	.04814	.13398	.00005	7.6110
14	AD571735/(1:10)	.02602	.00112	.16306	.05065	.00009	16.251
15	AD571739/(1:10)	.02304	.00263	.03462	.17159	.00011	17.242
16	AD571741/(1:10)	.02263	.00081	.06476	.28788	.00011	29.329
17	AD571745/(1:10)	.01709	.00030	.14980	.05082	.00009	16.217
18	AD571838/(1:10)	.01899	.00079	.03842	.03391	.00011	.76873
19	AD571846/(1:10)	.01785	.00091	.02682	.01601	.00014	.62937
20	AD571847/(1:10)	.01443	.00103	.02967	.02254	.00017	.48214
21	AD572044	.01377	.02606	.37453	.28349	.00039	125.47
22	AD572044/L (1:5)	.00848	.00520	.07589	.05694	.00023	25.312
23	AD572044/PS	10.175	.23334	.56425	.47730	.20445	132.47
24	AD572045/MS	9.9744	.22616	.56868	.48119	.19676	135.53
25	AD572046/SD	9.9616	.23454	.56921	.48282	.20396	136.62
26	AD572047	.01358	-.00025	.03732	.08839	.00034	128.74
27	AD572048	.01748	.00201	.05439	.10720	.00034	64.994
28	AD572049	.02404	.00001	.03395	.13797	.00045	165.37
29	AD572050	.02052	.00045	.04158	.25223	.00053	190.55
30	AD572051	.02447	.00172	.92880	.13929	.00065	179.59
31	AD572052	.01778	.00508	.04932	.18565	.00048	119.42
32	AD572053	.02027	.00700	.03812	.14839	.00046	121.68
33	AD572054	.03432	-.00026	.03865	.05174	.00041	95.823
34	AD572055	.02244	.00029	.01172	.05858	.00046	133.05
35	AD572056	.02400	.00203	.03625	.10065	.00041	89.315
36	AD572057	.02657	.00316	1.7318	.16102	.00060	145.21
37	AD572058	.02420	.00178	1.3630	.05116	.00063	148.75
38	AD572059	.01944	.00122	.00477	.00017	.00027	.08537
39	AD572060	.02498	.00000	.00691	.00061	.00027	.50103
40	AD572061	.02276	.00039	.07115	.02901	.00078	266.82
41	AD572062/FB	9.9220	.20411	.19068	.19743	.20225	9.9380
42	AD572063/PB	.01063	.00008	.00099	-.00014	.00019	.00911
43	AD572081	67.480	.02471	.04340	.43693	.00310	258.90
44	AD572082	53.504	.02456	.02361	.42761	.00205	35.878
45	AD572083	58.385	.02160	.02344	.45733	.00203	90.920
46	AD572083/L (1:5)	13.149	.00479	.00515	.10194	.00032	20.181
47	AD572083/PS	74.016	.37293	.36338	.79977	.36195	105.52
48	AD572084/MD	57.295	.02110	.02492	.45877	.00194	136.63
49	AD572085/MS	36.157	.44648	.01581	.24103	.00105	105.55
50	AD572086/SD	53.157	.43979	.02505	.47344	.00188	90.271
51	AD572087	95.379	.13542	.01223	.61950	.00389	14.505
52	AD572088	132.80	.08681	-.00020	.46266	.00410	16.250
53	AD572089	23.882	.02677	.05198	.19105	.00220	H1206.3

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
54	AD572090	110.78	.03878	.00978	.40794	.00336	12.738
55	AD572091	103.16	.08335	.02180	.86219	.00395	20.413
56	AD572092	94.013	.05748	.01328	.70443	.00336	17.659
57	AD572093	106.36	.07842	.01816	.67997	.00427	25.909
58	AD572094	95.826	.07963	.01988	.61717	.00403	24.441
59	AD572095	81.495	.17915	.01015	.46916	.00301	18.344
60	AD572096	57.338	.10915	.03480	.57899	.00249	37.842
61	AD572097	43.312	.06958	.04629	.37469	.00251	H818.10
62	AD572098	51.496	.20770	.03743	.52690	.00263	300.23
63	AD572099	66.970	.06507	.02585	.66282	.00353	186.65
64	AD572100	69.654	.05505	.03206	.65967	.00310	292.04
65	AD572101	72.562	.16147	.01815	.61500	.00305	33.211
66	AD572102	120.45	.03707	.00983	.55658	.00409	10.637
67	AD572103	101.91	.03847	.00852	.46728	.00370	9.1850
68	AD572104/CLPSL	67.026	.74018	.85209	1.4803	1.3419	41.024
69	AD572105/PB	-.01924	.00132	.00058	.00033	-.00026	.08927
70	AD572106	97.406	.29368	.02170	.90599	.00431	28.525
71	AD572107	84.540	.04940	.02176	.47069	.00359	23.558
72	AD572108	81.079	.13923	.02530	.72695	.00428	74.830
73	AD572109	81.913	.14803	.02391	.48718	.00429	196.15
74	AD572110	67.503	.08314	.01629	.37274	.00285	12.930
75	AD572111	69.654	.14598	.03599	.69440	.00413	39.037
76	AD572112	78.880	.06298	.01577	.43751	.00350	12.814
77	AD572112/L (1:5)	17.292	.01403	.00372	.09493	.00093	2.8162
78	AD572112/PS	93.851	.41556	.35329	.77841	.36432	30.431
79	AD572113/MD	71.579	.04984	.01343	.37597	.00291	11.410
80	AD572114/MS	74.943	.48192	.01458	.39184	.00311	11.783
81	AD572115/SD	84.323	.47799	.01363	.44326	.00354	13.144
82	AD572116	86.424	.04901	.03700	.62523	.00494	343.53
83	AD572117	149.52	.04731	.02093	1.0357	.00734	23.296
84	AD572118	136.63	.04578	.01754	.93734	.00675	20.156
85	AD572119/CLPSL	67.816	.72025	.82060	1.3960	1.2820	39.807
86	AD572120/PB	.02058	.00124	.00116	-.00008	.00025	.03580
87	AD572121	.03828	.00649	2.3785	2.9388	-.00007	183.09
88	AD572122	5.1104	.00809	1.0939	.17509	.00016	245.00
89	AD572123	2.4298	.02574	4.5453	5.5012	.00013	180.57
90	AD572124	23.130	.00985	.42860	.30042	.00089	175.36
91	AD572125	1.5654	.05062	4.0297	5.5315	.00006	162.26
92	AD572126	3.9250	.00323	.41209	.16651	-.00009	168.21
93	AD572127	8.1792	.01329	2.2835	.51537	.00020	182.11
94	AD572128	.00244	.00142	.00949	.02599	-.00044	31.430
95	AD572129	17.587	.01783	.76387	.13186	.00062	240.66
96	AD572130	-.02718	.00387	.65318	1.7372	-.00022	168.71
97	AD572131	-.01011	.00243	.66801	1.7696	-.00021	172.56
98	AD572132	.09364	.01919	3.5475	.37485	-.00006	221.92
99	AD572132/L (1:5)	-.03084	.00367	.69942	.07490	-.00038	44.730
100	AD572132/PS	10.387	.22780	3.6294	.57016	.21268	224.28
101	AD572133/MD	.12119	.01763	3.3274	.35618	-.00010	208.94
102	AD572134/MS	2.0339	.05583	3.4076	2.2868	.04994	224.90
103	AD572135/FB	9.4592	.19493	.18683	.19658	.20179	9.6326
104	AD572136/PB	-.03404	.00151	.00112	.00003	-.00046	.03009
105	AD572137	.47967	.05682	3.0839	.10806	.00033	202.17
106	AD572138	L-.05373	.00019	.01405	.01276	-.00037	39.884
107	AD572139	L-.04131	.00139	.00640	.01267	-.00037	79.539

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
108	AD572140	L-.05613	.00155	.02382	.02779	-.00046	55.841
109	AD572141	L-.04962	.00168	.02156	.01790	-.00050	28.949
110	AD572142	.20310	.14816	.41743	.00664	-.00019	134.53
111	AD572143	.02621	.00113	1.0715	.00061	.00018	8.0715
112	AD572144	-.01055	.00220	1.0218	.00058	.00009	9.6935
113	AD572145	.13295	.00264	.06929	.00603	-.00002	28.466
114	AD572146	.10798	.00290	.20079	.05221	-.00003	189.17
115	AD572147	.69878	.00412	.13297	.08506	-.00016	123.80
116	AD572148	.29167	.00155	.12083	.05099	-.00021	132.43
117	AD572149	5.3169	.00699	.16250	.10592	-.00001	161.34
118	AD572149/L (1:5)	1.1932	.00144	.03362	.02260	-.00043	32.871
119	AD572149/PS	15.715	.21879	.36388	.31885	.22109	168.46
120	AD572150/MS	15.606	.20619	.35662	.30682	.20401	171.61
121	AD572151/SD	14.292	.20028	.34527	.28720	.19487	163.24
122	AD572152	1.8108	.00348	.13551	.21595	-.00023	145.94
123	AD572153	.93778	.00889	.06655	.10409	-.00017	223.99
124	AD572154	5.0349	.00541	.16948	.10852	-.00004	166.42
125	AD572155/FB	9.8764	.20164	.19877	.20670	.21127	10.041
126	AD572156/PB	L-.05456	.00078	.00756	.00014	-.00047	.03615
127	CCB	.01218	.00052	.00079	.00003	-.00002	.01376
128	CCB	.02438	.00121	.00014	-.00004	.00007	.01468
129	CCB	.01870	.00016	.00043	-.00017	.00023	.01737
130	CCB	.02388	.00027	.00106	-.00018	.00026	.01927
131	CCB	.03186	.00027	.00226	-.00017	.00039	.02226
132	CCB	.01796	-.00065	.00166	-.00012	.00032	.00600
133	CCB	.01818	.00103	.00091	-.00012	.00029	.01056
134	CCB	.02098	-.00033	.00082	.00001	.00023	.01911
135	CCB	-.00152	.00139	.00030	.00028	-.00008	.02194
136	CCB	.00320	.00186	.00033	.00019	.00000	.03199
137	CCB	-.00049	.00091	.00039	.00030	-.00006	.03357
138	CCB	-.03468	.00249	.00016	.00003	-.00035	.01595
139	CCB	L-.05380	.00089	.00269	.00013	-.00038	.01476
140	CCB	L-.04518	.00139	.00175	.00023	-.00034	.02262
141	CCB	L-.04965	.00227	.00134	.00023	-.00030	.02872
142	CCB	L-.06952	.00123	.00168	.00004	-.00051	.01347
143	CCB	L-.07232	.00125	.00142	.00010	-.00052	.01911
144	CCV	25.295	.49285	.47460	.49664	.50146	25.293
145	CCV	25.438	.49371	.47460	.49509	.50114	25.299
146	CCV	26.018	.50175	.47776	.49605	.51541	25.764
147	CCV	25.777	.49676	.47790	.49281	.50676	25.359
148	CCV	25.693	.49508	.47853	.49105	.50358	25.125
149	CCV	25.431	.49258	.46571	.47984	.49798	25.122
150	CCV	24.901	.48270	.45759	.47239	.49129	24.709
151	CCV	25.185	.48623	.45910	.48331	.50071	24.840
152	CCV	24.943	.48373	.46626	.48431	.50013	24.965
153	CCV	24.860	.48218	.46603	.48244	.50406	24.933
154	CCV	24.995	.48472	.46437	.48654	.50752	25.137
155	CCV	25.281	.49445	.47361	.49482	.52216	25.516
156	CCV	24.934	.48669	.46899	.48962	.51617	25.119
157	CCV	25.024	.48435	.46868	.49518	.51668	25.149
158	CCV	25.037	.48834	.46653	.49363	.52261	25.290
159	CCV	25.093	.48667	.46481	.49138	.52248	25.143
160	CCV	25.142	.48968	.46568	.49220	.52497	25.202
161	CRI	.20273	.01094	.05792	.00207	.00196	.50914

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
162	CRI	.22376	.01037	.05607	.00190	.00222	.51096
163	CRI	.20418	.01094	.05852	.00214	.00197	.50077
164	CRI	.17411	.01278	.05714	.00219	.00170	.52474
165	CRI	.12219	.01192	.06559	.00212	.00141	.50313
166	CRI	.13319	.01151	.05981	.00208	.00156	.51499
167	ICB	.01212	-.00104	.00186	.00026	.00021	.01569
168	ICB	-.00441	.00198	.00182	.00009	.00004	.00027
169	ICSA	490.60	-.00341	.00217	.01282	.00169	488.90
170	ICSA	491.18	-.00259	.00223	.01254	.00203	483.81
171	ICSA	487.81	.00041	.00216	.01286	.00178	484.87
172	ICSA	485.99	.00237	.00121	.01294	.00144	486.50
173	ICSA	483.53	-.00038	.00602	.01304	.00124	481.20
174	ICSAB	497.47	.10170	.00122	.52212	.49367	495.14
175	ICSAB	500.44	.10446	.00021	.51916	.49834	493.19
176	ICSAB	498.53	.10273	.00071	.52493	.49980	495.15
177	ICSAB	497.01	.10487	-.00058	.52797	.51181	495.34
178	ICSAB	490.36	.10340	.00300	.52598	.50765	488.89
179	ICSAB	486.06	.09948	.00221	.51762	.50772	486.34
180	ICSAB	493.59	.10161	.00084	.52720	.51556	493.48
181	ICV	19.382	.37354	.36803	.37979	.38325	19.308
182	ICV	19.383	.37892	.37120	.38153	.38763	19.312
183	STD 1	4.91511	1.44265	.48619	.91263	1.67204	
184	STD 1	4.97885	1.43666	.47969	.90956	1.66613	
185	STD 2	23.5404	7.11726	2.20646	4.44894	7.76668	
186	STD 2	23.7806	7.14933	2.20956	4.4243	7.72989	
187	STD 3	47.6469	14.5061	4.45708	8.9643	15.4725	45.175
188	STD 3	48.1487	14.5635	4.43264	8.94401	15.4227	45.2127
189	STD 3 VER	50.124	1.0016	.99108	.99475	.99195	50.022
190	STD 3 VER	49.934	.99673	.99076	.99408	.98903	49.714
191	STD BLK	.13244	-.0336	.02547	.00203	.09923	.02531
192	STD BLK	.14713	-.04326	.02587	.00049	.10324	.03258

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
1	A5D93601	.00018	.00462	-.00149	.00050	36.224	7.1178
2	A5D93605	.00004	.00468	-.00131	.00010	10.776	10.339
3	A5D93607	.00001	.00099	-.00057	.00843	.01608	23.417
4	A5D97703	.00004	.00025	.00029	.01117	1.2137	27.867
5	A5D98001	.00167	.00095	-.00039	.00017	.29431	2.6352
6	AD570203	.00025	.00394	-.00067	.00026	35.176	6.1812
7	AD570207	.00010	.00442	-.00091	.00031	10.713	9.3000
8	AD570209	.00004	.00077	-.00025	.00819	.01816	20.945
9	AD570463	.00883	.00032	.00001	.00061	.14849	1.9192
10	AD570562/FB	.19466	.19426	.19270	.19759	9.8593	9.6203
11	AD570563/PB	.00009	.00028	-.00067	.00065	-.00471	-.00454
12	AD571403/(1:50)	.00022	.00037	-.00027	.00087	.01511	3.9945
13	AD571550/(1:50)	.00018	.00028	-.00005	.00221	.06598	.84370
14	AD571735/(1:10)	.00016	.00141	-.00045	.00104	.45044	.59358
15	AD571739/(1:10)	.00020	.00235	-.00034	.00005	.89064	.44510
16	AD571741/(1:10)	.00000	.00042	-.00062	.00025	.08413	.28679
17	AD571745/(1:10)	.00000	.00152	-.00044	-.00013	.43733	.58265
18	AD571838/(1:10)	.00003	.00002	-.00029	.00047	-.01006	.21923
19	AD571846/(1:10)	.00007	.00002	-.00026	.00017	.00059	.88070

Analysis Report Averages 12/20/05 07:21:34 AM page 9

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
20	AD571847/(1:10)	.00002	.00013	-.00016	.00001	.00429	.38488
21	AD572044	.00023	.00207	.00027	.00103	1.5019	29.448
22	AD572044/L (1:5)	-.00001	.00055	-.00032	.00023	.30289	5.5546
23	AD572044/PS	.19672	.20403	.20186	.21248	11.586	39.745
24	AD572045/MS	.19011	.19563	.19403	.20142	11.161	40.198
25	AD572046/SD	.19784	.20366	.20106	.20937	11.549	40.399
26	AD572047	.00010	.00011	.00147	.00113	-.01117	1.3705
27	AD572048	.00007	.00056	.00035	.00107	.21068	1.4832
28	AD572049	-.00001	.00039	.00019	.00035	5.0171	1.8172
29	AD572050	-.00001	.00021	.00025	.00111	.30854	1.1613
30	AD572051	-.00003	.00132	.00192	.00058	2.0523	7.0877
31	AD572052	.00000	.00016	.00034	.00027	5.0440	2.5562
32	AD572053	.00024	.00001	.00040	.00273	2.1774	2.1333
33	AD572054	.00006	.00951	.00041	.00105	.02483	.95695
34	AD572055	.00010	.00265	.00028	.00164	-.00030	1.2620
35	AD572056	.00002	.00933	.00031	.00043	.00398	1.8552
36	AD572057	.00005	.00472	.00402	.00009	2.8642	26.617
37	AD572058	.00001	.00994	.00263	.00219	4.0214	23.185
38	AD572059	.00000	.00015	.00006	.00044	.00715	.00109
39	AD572060	.00003	.00013	.00055	.00097	.01766	.05668
40	AD572061	.00003	.00241	-.00010	.00051	.08708	1.9182
41	AD572062/FB	.19766	.20160	.20083	.20511	10.024	10.205
42	AD572063/PB	-.00001	.00017	-.00056	.00047	.00144	-.01009
43	AD572081	.00323	.06382	.11934	.14486	131.15	10.593
44	AD572082	.00190	.03801	.06033	.11540	91.940	7.4539
45	AD572083	.00185	.04356	.07197	.12842	96.908	8.7625
46	AD572083/L (1:5)	.00015	.01009	.01655	.02854	21.771	1.9583
47	AD572083/PS	.34719	.39691	.42624	.49857	110.93	27.258
48	AD572084/MD	.00205	.03949	.07025	.13989	95.873	8.0148
49	AD572085/MS	.00128	.03010	.04578	.07074	63.565	5.4117
50	AD572086/SD	.00194	.04098	.06622	.13099	91.224	8.1628
51	AD572087	.00426	.06434	.10049	.18907	138.42	8.6500
52	AD572088	.00331	.06843	.11997	.11966	146.52	7.8903
53	AD572089	.00322	.01564	.03103	.07380	63.414	6.8630
54	AD572090	.00236	.05386	.09505	.09594	122.91	6.4456
55	AD572091	.00386	.05096	.14847	.30175	138.85	9.6296
56	AD572092	.00528	.05385	.09847	.13369	110.61	9.3775
57	AD572093	.00386	.05472	.11157	.14637	131.59	12.591
58	AD572094	.00364	.05196	.10181	.14328	118.77	13.203
59	AD572095	.00353	.04042	.09021	.13872	102.87	5.6478
60	AD572096	.00598	.03757	.07669	.22780	92.411	12.532
61	AD572097	.00339	.02041	.04236	.13394	62.954	6.2027
62	AD572098	.00457	.03512	.06952	.29700	89.387	7.3400
63	AD572099	.00424	.04647	.08159	.29746	140.30	8.6573
64	AD572100	.00403	.06202	.08439	.62574	105.06	10.840
65	AD572101	.00853	.05373	.47524	.21703	102.23	6.6553
66	AD572102	.00357	.05709	.11696	.10118	139.30	6.8727
67	AD572103	.00341	.05796	.09968	.10083	139.44	5.7018
68	AD572104/CLPSL	2.1149	.63768	.53234	1.2947	94.627	22.144
69	AD572105/PB	.00020	.00006	.00046	.00089	.01930	.05327
70	AD572106	.00489	.05656	.11399	.19168	132.55	9.3165
71	AD572107	.00424	.04681	.09644	.16472	107.21	9.7845
72	AD572108	.00717	.04189	.24678	.33098	118.53	7.2814
73	AD572109	.00354	.04319	.08633	.11323	148.46	6.7842

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
74	AD572110	.00301	.03522	.07439	.13222	92.539	5.5617
75	AD572111	.00406	.04402	.09619	.51593	115.99	10.686
76	AD572112	.00289	.03435	.08771	.16604	107.85	6.2319
77	AD572112/L (1:5)	.00044	.00776	.01853	.03601	23.743	1.2878
78	AD572112/PS	.35351	.39386	.44578	.53831	121.48	24.761
79	AD572113/MD	.00224	.02942	.07812	.14351	91.010	5.5357
80	AD572114/MS	.00236	.03129	.08309	.15141	98.838	5.8981
81	AD572115/SD	.00263	.03790	.09233	.16905	110.38	6.1199
82	AD572116	.00365	.05315	.11059	.21644	136.85	12.949
83	AD572117	.00363	.09146	.18038	.21440	227.93	15.215
84	AD572118	.00296	.07979	.16699	.19652	205.49	12.863
85	AD572119/CLPSL	2.0245	.61968	.51881	1.2760	97.543	22.853
86	AD572120/PB	.00015	-.00011	-.00016	.00062	.01151	.04029
87	AD572121	.00013	.00549	.00230	.00219	7.1986	51.140
88	AD572122	.00235	.00815	.01120	.14992	20.870	27.337
89	AD572123	.00064	.00727	.03902	.00903	26.732	71.525
90	AD572124	.00096	.02702	.03231	.04868	33.284	12.579
91	AD572125	.00052	.00846	.01243	.00579	28.904	71.585
92	AD572126	.00168	.00313	.00874	.01987	5.5215	27.451
93	AD572127	.00064	.00515	.01714	.03325	28.155	34.605
94	AD572128	-.00003	.00032	.00024	.00204	.00305	1.4202
95	AD572129	.00290	.00745	.04029	.16987	27.928	20.300
96	AD572130	.00026	.00239	.00060	.00267	7.0331	3.3157
97	AD572131	-.00007	.00245	.00056	.00213	7.0529	3.3830
98	AD572132	.00053	.01008	.00505	.00301	25.849	37.735
99	AD572132/L (1:5)	-.00006	.00238	.00093	.00234	5.2866	6.8095
100	AD572132/PS	.19490	.21381	.21135	.22058	35.013	48.043
101	AD572133/MD	.00054	.00958	.00645	.00341	22.677	35.022
102	AD572134/MS	.04683	.49127	.19807	.24803	18.999	35.774
103	AD572135/FB	.19043	.19674	.19918	.19966	9.7224	9.9199
104	AD572136/PB	-.00003	.00007	.00012	.00176	.00783	.00731
105	AD572137	-.00005	.01428	.04265	.00511	1.2661	336.94
106	AD572138	.00006	.00040	.00031	.01079	.00686	2.9746
107	AD572139	.00003	.00061	.00050	.00308	.02288	.94977
108	AD572140	.00004	.00046	.00052	.00631	-.00084	14.761
109	AD572141	.00012	.00026	.00038	.00390	.00929	10.943
110	AD572142	.00014	.00110	.00251	.00529	4.1859	1.1412
111	AD572143	.00024	.00017	.00112	.00703	.05802	99.453
112	AD572144	.00014	.00060	.00137	.00525	.04767	98.000
113	AD572145	.00008	.00078	.01190	.03205	.11326	155.34
114	AD572146	.00013	.00240	.00057	.00350	.32461	3.9775
115	AD572147	.00020	.00241	.00177	.00509	.78167	4.7696
116	AD572148	-.00008	.00085	.00076	.00395	.34427	6.7914
117	AD572149	.00040	.00606	.00648	.02755	8.7132	7.4637
118	AD572149/L (1:5)	.00010	.00147	.00152	.00771	1.8133	1.3891
119	AD572149/PS	.19939	.21792	.22113	.24659	18.933	19.354
120	AD572150/MS	.18582	.20209	.20590	.23049	20.629	19.006
121	AD572151/SD	.17638	.19206	.19281	.21889	19.658	17.237
122	AD572152	.00009	.00323	.00337	.00599	2.0495	3.6228
123	AD572153	.00011	.00173	.00160	.00440	4.1173	3.6332
124	AD572154	.00054	.00570	.00665	.02745	8.3437	7.6094
125	AD572155/FB	.19687	.20552	.20687	.20840	10.028	10.186
126	AD572156/PB	.00001	-.00005	-.00022	.00232	.00160	-.01071
127	CCB	.00005	.00028	-.00041	.00015	.00381	.00715

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
128	CCB	.00007	.00000	-.00037	.00005	-.00352	.00438
129	CCB	.00002	.00015	-.00042	.00030	-.00046	-.02101
130	CCB	.00008	.00019	-.00041	.00006	.00380	-.02263
131	CCB	.00003	-.00007	-.00016	.00037	-.00247	-.00575
132	CCB	.00006	.00043	-.00020	.00033	.00760	-.01585
133	CCB	.00007	.00015	-.00020	.00014	.01247	-.00327
134	CCB	.00022	.00013	-.00030	.00023	.00624	.00781
135	CCB	.00014	.00046	.00024	.00041	.01546	.02518
136	CCB	.00012	.00011	.00046	.00107	.02326	.01040
137	CCB	.00007	.00030	.00041	.00116	.02507	.00783
138	CCB	.00006	.00019	.00007	.00166	.01120	-.00030
139	CCB	.00011	.00030	.00033	.00208	.01262	.00981
140	CCB	.00004	.00032	.00022	.00193	.01167	.00510
141	CCB	.00023	.00046	-.00002	.00285	.00782	.00823
142	CCB	-.00004	.00045	.00006	.00288	-.00330	-.01106
143	CCB	.00011	.00036	.00011	.00337	.00203	.00253
144	CCV	.48592	.49281	.49659	.52144	24.967	24.862
145	CCV	.48632	.49150	.49485	.52202	25.005	24.599
146	CCV	.48948	.50393	.50888	.53394	25.534	25.398
147	CCV	.48328	.49620	.50262	.53066	25.214	25.538
148	CCV	.48396	.49391	.49966	.52830	25.090	25.593
149	CCV	.48750	.49397	.49788	.52262	24.869	25.649
150	CCV	.47744	.48555	.48972	.51516	24.487	25.280
151	CCV	.47994	.49329	.49231	.52001	24.580	25.005
152	CCV	.48395	.48941	.49601	.51715	24.694	25.251
153	CCV	.48004	.48927	.49803	.51811	24.641	25.151
154	CCV	.48364	.49375	.50034	.51870	24.741	25.086
155	CCV	.48738	.50252	.51305	.53165	25.135	25.463
156	CCV	.47695	.49485	.50574	.52423	24.707	25.116
157	CCV	.47763	.49696	.50412	.52345	24.585	24.882
158	CCV	.47642	.49930	.50987	.52607	24.685	25.099
159	CCV	.47127	.49706	.50874	.52713	24.571	25.179
160	CCV	.47076	.49928	.51121	.52912	24.592	25.177
161	CRI	.00120	.00401	.00377	.01000	.04691	.46956
162	CRI	.00106	.00400	.00374	.01033	H.07768	.45383
163	CRI	.00088	.00437	.00406	.01000	.07105	.47010
164	CRI	.00085	.00397	.00399	.01134	H.08051	.46499
165	CRI	.00091	.00459	.00374	.01190	.05079	.46198
166	CRI	.00088	.00411	.00379	.01227	.04895	.45712
167	ICB	.00034	.00055	-.00013	.00083	.00652	.01662
168	ICB	.00000	-.00006	.00007	.00024	.00690	.01226
169	ICSA	.00285	.00150	-.00730	-.00025	187.87	-.01706
170	ICSA	.00291	.00152	-.00726	-.00047	189.34	-.03115
171	ICSA	.00302	.00106	-.00639	-.00054	188.54	-.01538
172	ICSA	.00425	.00155	-.00582	.00181	188.46	-.01089
173	ICSA	.00484	.00150	-.00599	.00262	185.16	-.01269
174	ICSAB	.92283	.45759	.47308	.51427	94.304	-.00750
175	ICSAB	.92000	.46145	.48020	.52307	95.449	-.02472
176	ICSAB	.92885	.46081	.47935	.51678	95.213	-.01450
177	ICSAB	.91347	.46298	.48657	.52359	94.964	-.01440
178	ICSAB	.89655	.45855	.47900	.51313	92.988	-.01679
179	ICSAB	.88467	.45529	.47915	.51037	Q92.480	-.02368
180	ICSAB	.89703	.46241	.48726	.51972	93.746	-.00935
181	ICV	.37125	.37711	.37939	Q.39701	19.060	19.043

Analysis Report Averages 12/20/05 07:21:34 AM page 12

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
182	ICV	.37534	.38036	.38335	Q.39751	19.259	19.256
183	STD 1	2.42466	1.01402	.8192	.51048	.86658	
184	STD 1	2.41239	1.02026	.81981	.51962	.86988	
185	STD 2	11.7124	4.96547	3.9524	2.49899	4.2123	
186	STD 2	11.6461	4.99114	3.96029	2.54213	4.22366	
187	STD 3	23.5053	9.97573	7.93351	5.04979	8.46047	153.641
188	STD 3	23.4388	10.0522	7.9567	5.13918	8.49039	155.774
189	STD 3 VER	.99237	.99256	.99392	.99632	49.661	50.456
190	STD 3 VER	.98800	.98806	.98847	.99612	49.378	50.388
191	STD BLK	.0032	-.00882	.00835	-.00085	-.00085	-.1828
192	STD BLK	.00696	-.00941	.00466	.00032	-.00122	-.22122

#	Sample Name	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
1	A5D93601	17.864	1.9601	26.380	.00496	-.00423	.00294
2	A5D93605	14.121	2.3673	39.322	.00555	-.00376	.00301
3	A5D93607	10.236	.00804	34.850	.00191	-.00390	.00158
4	A5D97703	24.992	.09050	79.205	.00211	-.00157	.00254
5	A5D98001	35.024	.03603	119.82	.00439	-.00437	.00212
6	AD570203	17.176	1.9108	24.798	.00355	-.00017	.00147
7	AD570207	13.866	2.3551	37.975	.00495	-.00134	.00049
8	AD570209	9.9195	.00773	33.211	.00174	-.00182	.00172
9	AD570463	29.334	.04513	45.045	.00263	-.00132	.00092
10	AD570562/FB	9.7150	.19312	9.6616	.19586	.19669	.19943
11	AD570563/PB	.00309	.00002	.13468	.00088	-.00131	.00178
12	AD571403/(1:50)	29.530	.00074	268.32	.00087	.00012	.00072
13	AD571550/(1:50)	.39000	.00266	50.812	.00080	.00158	.00219
14	AD571735/(1:10)	8.1763	1.3629	24.826	.00387	.00037	.00172
15	AD571739/(1:10)	6.8969	1.1685	7.2298	.00320	-.00068	.00159
16	AD571741/(1:10)	5.8911	1.4584	9.8649	.00507	-.00070	.00191
17	AD571745/(1:10)	8.1925	1.3675	25.025	.00355	.00007	.00062
18	AD571838/(1:10)	.30660	.00106	80.427	.00062	.00122	-.00007
19	AD571846/(1:10)	.10347	.00037	66.652	.00079	-.00177	.00135
20	AD571847/(1:10)	.15410	.00073	83.389	.00020	.00008	.00130
21	AD572044	41.725	.84766	90.926	.00841	-.00244	.00126
22	AD572044/L (1:5)	8.3639	.17248	17.922	.00258	-.00237	.00225
23	AD572044/PS	50.740	1.0233	99.592	.20678	.20058	.20226
24	AD572045/MS	51.539	1.0415	101.60	.19953	.19485	.19791
25	AD572046/SD	52.072	1.0531	102.30	.20662	.20144	.20276
26	AD572047	50.114	.00681	29.629	.00374	-.00212	.00166
27	AD572048	57.360	.03751	11.617	.00322	-.00215	.00118
28	AD572049	56.028	.20469	82.313	.00193	-.00266	.00230
29	AD572050	76.495	.18450	45.103	.00081	-.00304	.00173
30	AD572051	129.04	.03441	310.45	.05037	-.00331	.00034
31	AD572052	53.566	.05249	87.358	.00135	-.00204	.00148
32	AD572053	51.854	.33104	79.917	.00162	-.00257	.00050
33	AD572054	46.354	.00919	45.344	.02676	-.00246	.00244
34	AD572055	64.104	.05434	3.8984	.00672	-.00140	.00162
35	AD572056	48.349	.04050	25.494	.02609	-.00122	.00159
36	AD572057	101.37	.05287	357.06	.03497	-.00028	.00144
37	AD572058	111.75	.07493	279.44	.02665	-.00060	.00099
38	AD572059	.04690	.00015	.26004	.00034	-.00125	.00218
39	AD572060	.34267	.00061	1.0217	.00069	-.00091	.00202

#	Sample Name	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
40	AD572061	73.929	.86472	13.304	.00605	-.00203	.00259
41	AD572062/FB	10.036	.19905	10.135	.20060	.20334	.20375
42	AD572063/PB	.00416	.00004	.06051	.00018	-.00128	.00200
43	AD572081	71.365	5.3324	.92646	.13868	.05271	.05589
44	AD572082	22.766	4.3067	.55810	.07675	.05850	.06241
45	AD572083	35.446	4.0051	.80335	.09501	.03911	.04058
46	AD572083/L (1:5)	7.9142	.90051	.23232	.02165	.00856	.00915
47	AD572083/PS	52.045	4.2053	18.865	.44150	.39038	.39413
48	AD572084/MD	34.815	4.2830	.85321	.08835	.03967	.04204
49	AD572085/MS	23.435	3.3388	.50110	.06618	.46549	.46246
50	AD572086/SD	30.674	4.5182	.80427	.09213	.46556	.46767
51	AD572087	23.477	9.7434	.34288	.11186	.42077	.42184
52	AD572088	30.416	2.7403	.54358	.14168	.21033	.21991
53	AD572089	654.08	6.6608	1.5022	.03408	.21593	.21933
54	AD572090	22.301	3.3470	.54336	.09963	.10107	.10738
55	AD572091	22.144	2.6021	.52520	.11131	1.2515	1.2552
56	AD572092	19.746	13.318	.40462	.09368	.32192	.32637
57	AD572093	23.319	4.7569	.60893	.11646	.46525	.47087
58	AD572094	21.009	4.5026	.54998	.10920	.46450	.47237
59	AD572095	17.511	2.0326	.91415	.09027	1.0350	1.0383
60	AD572096	16.953	3.2419	.52324	.08919	.96839	.96930
61	AD572097	471.56	4.0279	1.4959	.04444	.45189	.45809
62	AD572098	173.16	4.1840	.84271	.08409	1.5746	1.5787
63	AD572099	70.012	6.1890	.71314	.10810	.25314	.25793
64	AD572100	147.35	7.2490	.90405	.11833	.23908	.24555
65	AD572101	21.342	4.0803	1.0282	.10294	.67220	.68012
66	AD572102	24.230	2.6764	1.3334	.10572	.12767	.13297
67	AD572103	21.519	2.8829	1.0846	.09253	.13457	.14015
68	AD572104/CLPSL	20.166	2.7636	4.0031	.46759	.71732	.72058
69	AD572105/PB	-.00290	.00038	.12762	-.00037	.00100	.00008
70	AD572106	25.167	4.5144	.75956	.11594	2.7722	2.7427
71	AD572107	21.249	4.9954	.63042	.09129	.27592	.28009
72	AD572108	44.223	2.9101	.92527	.12523	1.7145	1.7027
73	AD572109	115.21	4.0056	.67032	.07789	.33627	.34031
74	AD572110	14.360	2.9622	.54997	.07022	.37020	.36841
75	AD572111	20.456	2.8488	.54158	.10957	.65991	.65218
76	AD572112	15.964	2.8015	.64440	.07745	.24627	.24904
77	AD572112/L (1:5)	3.5237	.61652	.19723	.01740	.05307	.05645
78	AD572112/PS	33.065	3.0389	18.846	.42820	.59436	.59338
79	AD572113/MD	14.707	1.9327	.55512	.06911	.18678	.18971
80	AD572114/MS	15.371	1.9595	.66365	.07177	.64403	.63949
81	AD572115/SD	18.032	2.6421	.63894	.08272	.66450	.66256
82	AD572116	120.99	4.2622	1.0461	.10754	.34387	.34671
83	AD572117	45.021	4.7654	.72374	.20574	.06296	.07286
84	AD572118	38.821	3.4022	.73347	.17397	.06231	.07310
85	AD572119/CLPSL	20.005	2.6732	4.0909	.45293	.69085	.68997
86	AD572120/PB	.00439	.00022	.17132	-.00028	.00167	.00135
87	AD572121	127.37	.44242	141.59	.00389	-.00130	.00092
88	AD572122	61.365	.95168	51.210	.03655	.12986	.13344
89	AD572123	162.40	.32306	210.12	.02955	.00332	.00275
90	AD572124	48.166	3.9673	54.368	.08933	.03389	.03963
91	AD572125	168.45	.45964	155.59	.01641	.00449	.00512
92	AD572126	34.764	.61026	43.669	.01736	.01904	.02032
93	AD572127	71.571	5.8460	114.72	.01733	.03766	.03982

#	Sample Name	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
94	AD572128	8.5302	.00062	11.467	.00042	-.00319	-.00005
95	AD572129	42.034	.32801	68.999	.03656	.23020	.23535
96	AD572130	57.030	.64671	81.248	.00383	-.00186	-.00039
97	AD572131	58.357	.66146	82.982	.00451	-.00373	.00031
98	AD572132	119.18	.81584	180.96	.01859	-.00148	.00069
99	AD572132/L (1:5)	23.714	.16535	35.518	.00371	-.00192	.00038
100	AD572132/PS	125.61	.99258	186.54	.21840	.20282	.20670
101	AD572133/MD	111.59	.77486	169.19	.01951	-.00133	.00101
102	AD572134/MS	116.00	1.3205	176.13	.48761	.02010	.02168
103	AD572135/FB	9.8609	.19804	10.007	.19606	.19904	.20091
104	AD572136/PB	.00818	.00027	.00740	.00043	-.00055	-.00022
105	AD572137	384.67	.34852	H1016.1	.19907	-.00121	.00075
106	AD572138	14.065	.02820	7.4301	.00622	-.00337	.00037
107	AD572139	6.1205	.00150	2.7608	.00064	-.00181	.00074
108	AD572140	12.175	.16737	8.9158	.00594	-.00177	-.00054
109	AD572141	10.726	.00422	9.8249	.00170	-.00196	-.00072
110	AD572142	4.9803	.31690	574.69	.00462	.00251	.00148
111	AD572143	1.6645	.23662	413.41	.52843	-.00002	-.00052
112	AD572144	1.9235	.29199	407.36	.55946	-.00072	-.00140
113	AD572145	3.7801	.05779	33.989	.07429	-.00070	.00114
114	AD572146	120.25	.24860	88.883	.00512	-.00271	.00000
115	AD572147	140.19	.22903	57.103	.00399	-.00162	.00136
116	AD572148	66.641	.11423	238.58	.00206	-.00270	.00006
117	AD572149	46.998	1.0995	104.40	.01660	.00739	.01068
118	AD572149/L (1:5)	9.5296	.22659	20.636	.00395	-.00027	.00160
119	AD572149/PS	56.772	1.2918	113.23	.22422	.21861	.22462
120	AD572150/MS	56.970	1.3081	116.95	.21203	.20354	.20970
121	AD572151/SD	55.635	1.2343	111.82	.20258	.19386	.20249
122	AD572152	147.74	.25966	65.612	.00616	-.00163	.00074
123	AD572153	143.15	.14331	146.77	.00418	-.00151	.00095
124	AD572154	48.219	1.1340	108.50	.01685	.00654	.01084
125	AD572155/FB	10.275	.20868	10.365	.20461	.20755	.21007
126	AD572156/PB	.00611	.00028	.05972	.00052	-.00097	-.00168
127	CCB	.01159	-.00002	.13727	.00037	-.00119	.00138
128	CCB	.01205	.00002	.14491	.00084	.00079	.00104
129	CCB	.01291	.00004	.05208	.00035	-.00144	.00261
130	CCB	.01730	.00000	.07501	.00002	-.00055	.00177
131	CCB	.01792	.00000	.14571	.00045	-.00033	.00032
132	CCB	.00579	.00020	.08020	.00062	-.00130	.00184
133	CCB	.00553	.00025	.07360	.00035	-.00028	.00130
134	CCB	.01504	.00011	.02381	.00020	-.00210	.00181
135	CCB	.01304	.00017	.01968	.00055	-.00294	.00120
136	CCB	.02210	.00060	.12912	.00053	-.00001	.00081
137	CCB	.02706	.00073	.12484	.00049	-.00051	.00058
138	CCB	.00929	.00023	.09884	.00048	-.00138	-.00090
139	CCB	.00241	.00021	.13840	.00026	-.00173	.00098
140	CCB	.01022	.00023	.01269	.00025	-.00183	-.00115
141	CCB	.01420	.00032	.09462	.00026	-.00243	-.00077
142	CCB	-.00417	.00011	.09673	.00027	-.00241	-.00007
143	CCB	.00006	.00023	.15925	.00057	-.00109	-.00005
144	CCV	24.801	.50369	25.056	.49957	.50155	.49538
145	CCV	24.985	.50334	25.117	.50200	.50003	.49399
146	CCV	25.848	.50833	25.483	.50509	.50916	.50886
147	CCV	25.233	.50097	25.331	.50068	.50274	.49935

#	Sample Name	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
148	CCV	24.940	.49946	25.331	.50015	.49998	.49668
149	CCV	24.898	.50185	25.176	.49760	.49759	.49308
150	CCV	24.521	.49401	24.837	.48788	.48796	.48450
151	CCV	24.602	.50461	24.837	.49179	.49273	.49276
152	CCV	24.841	.50399	24.684	.49535	.49384	.49778
153	CCV	25.026	.50418	24.865	.49557	.49390	.49518
154	CCV	25.278	.50985	24.811	.49808	.49588	.49756
155	CCV	25.704	.52079	25.383	.50583	.50533	.50849
156	CCV	25.471	.51478	25.070	.49765	.49800	.50291
157	CCV	25.299	.51948	24.933	.50114	.49912	.50433
158	CCV	25.602	.52382	24.998	.50169	.49859	.50570
159	CCV	25.651	.52208	25.037	.49711	.49982	.50556
160	CCV	25.725	.52483	25.167	.49924	.49880	.50623
161	CRI	.19942	.00306	1.0916	.01029	.00414	.00639
162	CRI	.20735	.00344	1.1205	.00979	.00542	.00576
163	CRI	.19940	.00333	.96351	.00981	.00423	.00514
164	CRI	.20878	.00396	1.1139	.01009	.00469	.00436
165	CRI	.19321	.00310	1.0542	.01053	.00261	.00612
166	CRI	.20094	.00307	1.0035	.01007	.00373	.00413
167	ICB	.01384	.00023	.14417	.00033	.00117	.00090
168	ICB	.00040	.00009	-.01361	.00055	-.00139	.00022
169	ICSA	483.30	-.00495	.08932	.00089	-.02398	.01928
170	ICSA	484.54	-.00463	.22925	.00057	-.02166	.01875
171	ICSA	486.40	-.00471	-.00416	.00020	-.02059	.01632
172	ICSA	493.92	-.00360	.03709	.00047	-.01757	.01351
173	ICSA	488.92	-.00347	.01644	.00069	-.02010	.01596
174	ICSAB	485.71	.48023	.26765	.93237	.02549	.06337
175	ICSAB	489.01	.47824	.20581	.93324	.02503	.06369
176	ICSAB	491.72	.48211	.16282	.93913	.02754	.06074
177	ICSAB	498.32	.48932	.06968	.93924	.02936	.06057
178	ICSAB	492.07	.48871	.05599	.93366	.02926	.06071
179	ICSAB	493.19	.48651	.03373	.92317	.03000	.05877
180	ICSAB	499.31	.49425	.17877	.93634	.03359	.06065
181	ICV	19.027	.38455	19.001	.38252	.38185	.38032
182	ICV	19.229	.38656	19.074	.38666	.38670	.38727
183	STD 1		.47746		.76909	.70065	3.81961
184	STD 1		.47683		.76433	.70076	3.75051
185	STD 2		2.32657		3.78561	3.25563	18.453
186	STD 2		2.32209		3.74872	3.2589	18.4169
187	STD 3	22.4783	4.67537	2.55338	7.58939	6.49556	36.7237
188	STD 3	22.4557	4.67932	2.59608	7.53208	6.52071	36.9277
189	STD 3 VER	49.879	.99411	50.367	.98849	.99578	.98258
190	STD 3 VER	49.683	.99266	50.309	.98519	.98761	.98982
191	STD BLK	.00429	.00085	-.00093	-.01796	.03873	-.07004
192	STD BLK	.00786	.00065	.00041	-.01711	.03708	-.00281

#	Sample Name	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
1	A5D93601	.00055	.00964	-.00199	.01992	.00450	.00032
2	A5D93605	.00075	.00595	-.00352	.01370	.00208	.00016
3	A5D93607	-.00024	.00442	.00210	.01523	-.00098	.00018
4	A5D97703	.00117	-.00038	-.00204	.00056	-.00085	.02084
5	A5D98001	-.00004	.02414	-.00250	.03604	.01819	.00331

#	Sample Name	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
6	AD570203	.00092	.00516	-.00142	.00604	.00472	.00015
7	AD570207	-.00011	.00291	-.00300	.00254	.00309	.00041
8	AD570209	.00054	.00042	.00048	-.00077	.00102	.00058
9	AD570463	.00017	-.00034	-.00114	.00272	-.00187	.00052
10	AD570562/FB	.19852	.19688	.18855	.19415	.19825	.20095
11	AD570563/PB	.00075	-.00176	-.00256	.00058	-.00294	.00033
12	AD571403/(1:50)	.00052	-.00087	-.00049	.00153	-.00208	.00065
13	AD571550/(1:50)	.00199	.00050	-.00406	-.00205	.00178	.00101
14	AD571735/(1:10)	.00127	-.00047	-.00139	.00116	-.00130	.00070
15	AD571739/(1:10)	.00083	.00131	-.00153	.00072	.00160	.00046
16	AD571741/(1:10)	.00104	.00048	.00062	.00022	.00061	.00042
17	AD571745/(1:10)	.00044	.00051	-.00061	-.00045	.00100	.00039
18	AD571838/(1:10)	.00036	.00008	.00019	.00301	-.00138	.00036
19	AD571846/(1:10)	.00031	-.00207	-.00381	-.00036	-.00292	.00018
20	AD571847/(1:10)	.00090	-.00004	-.00075	.00026	-.00019	.00011
21	AD572044	.00003	.00180	-.00195	.00204	.00167	.00050
22	AD572044/L (1:5)	.00071	.00029	-.00306	.00084	.00002	.00028
23	AD572044/PS	.20170	.20415	.20291	.20445	.20401	.20717
24	AD572045/MS	.19689	.19682	.19692	.19655	.19696	.19766
25	AD572046/SD	.20232	.20645	.20338	.20679	.20628	.20578
26	AD572047	.00040	.00109	-.00386	.00065	.00131	.00034
27	AD572048	.00007	.00116	-.00241	.00487	-.00069	.00028
28	AD572049	.00064	.00164	-.00359	-.00114	.00304	.00047
29	AD572050	.00014	-.00009	-.00170	.00146	-.00087	.00047
30	AD572051	-.00087	-.00140	-.00148	.00080	-.00251	.00052
31	AD572052	.00030	-.00051	-.00207	-.00099	-.00027	.00054
32	AD572053	-.00052	-.00162	-.00093	-.00418	-.00034	.00045
33	AD572054	.00080	.00030	-.00500	-.00018	.00054	.00091
34	AD572055	.00061	.00111	-.00134	.00055	.00139	.00053
35	AD572056	.00065	-.00025	-.00243	.00175	-.00125	.00049
36	AD572057	.00086	-.00156	-.00171	.00173	-.00322	.00047
37	AD572058	.00046	.00020	-.00338	.00140	-.00040	.00027
38	AD572059	.00103	.00313	-.00312	.00299	.00319	.00043
39	AD572060	.00104	.00003	-.00252	.00101	-.00045	.00046
40	AD572061	.00105	.00230	-.00080	.00112	.00289	.00017
41	AD572062/FB	.20361	.19939	.19669	.20001	.19908	.20284
42	AD572063/PB	.00090	.00008	-.00054	-.00289	.00156	.00041
43	AD572081	.05483	.00608	.00054	-.00114	.00970	1.1085
44	AD572082	.06111	.00450	-.00035	-.00083	.00718	1.3576
45	AD572083	.04009	.00524	.00070	.00104	.00734	1.5565
46	AD572083/L (1:5)	.00895	-.00089	.00155	-.00021	-.00123	.36387
47	AD572083/PS	.39288	.35550	.34800	.33939	.36356	1.8627
48	AD572084/MD	.04125	.00515	.00061	-.00132	.00839	1.2197
49	AD572085/MS	.46347	.00311	.00130	-.00026	.00480	.86529
50	AD572086/SD	.46697	.00600	.00099	.00157	.00821	1.3377
51	AD572087	.42148	.01396	.00126	.00210	.01989	1.6934
52	AD572088	.21672	.00936	-.00052	.00229	.01290	4.0380
53	AD572089	.21820	.00383	.00152	.00036	.00556	.52379
54	AD572090	.10528	.00757	-.00082	.00213	.01029	1.4576
55	AD572091	1.2540	.01307	.01412	.00509	.01706	1.9624
56	AD572092	.32489	.01049	.00070	-.00052	.01599	1.5978
57	AD572093	.46900	.01234	.00018	.00504	.01599	1.9996
58	AD572094	.46975	.01055	-.00087	.00486	.01339	1.5943
59	AD572095	1.0372	.00957	-.00121	.00208	.01332	1.6190

#	Sample Name	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
60	AD572096	.96899	.00964	.00185	.00443	.01224	1.1762
61	AD572097	.45603	.00566	-.00121	.00419	.00639	.87250
62	AD572098	1.5773	.00771	.00419	.00437	.00939	1.1902
63	AD572099	.25634	.01072	-.00226	.00462	.01377	1.2476
64	AD572100	.24339	.00838	-.00407	.00576	.00969	1.2398
65	AD572101	.67748	.00918	-.00299	.00257	.01248	1.4942
66	AD572102	.13121	.00988	-.00284	.00148	.01408	2.0926
67	AD572103	.13829	.01122	-.00123	.00195	.01586	1.7012
68	AD572104/CLPSL	.71949	.79742	.46813	.76884	.81172	2.6878
69	AD572105/PB	.00039	.00043	.00079	.00021	.00054	.00069
70	AD572106	2.7525	.01149	-.00130	.00572	.01438	1.9831
71	AD572107	.27870	.00960	-.00322	.00106	.01388	1.7174
72	AD572108	1.7067	.00962	-.00131	-.00135	.01511	1.8530
73	AD572109	.33896	.01244	-.00405	.00238	.01747	1.7552
74	AD572110	.36901	.00781	-.00232	.00372	.00986	1.4861
75	AD572111	.65476	.01999	.00188	.01140	.02428	1.8201
76	AD572112	.24812	.00613	-.00165	-.00057	.00948	1.8247
77	AD572112/L (1:5)	.05532	.00243	-.00282	.00065	.00332	.38510
78	AD572112/PS	.59371	.35317	.35008	.34122	.35914	2.1132
79	AD572113/MD	.18873	.00725	-.00272	-.00297	.01237	1.6489
80	AD572114/MS	.64100	.00909	-.00111	-.00035	.01382	1.7184
81	AD572115/SD	.66321	.00926	-.00201	.00077	.01351	1.8438
82	AD572116	.34576	.01132	-.00281	-.00053	.01724	1.7320
83	AD572117	.06956	.01252	-.00515	-.00225	.01991	2.8578
84	AD572118	.06951	.01267	-.00588	-.00094	.01948	2.5604
85	AD572119/CLPSL	.69027	.76733	.51429	.75669	.77267	2.8192
86	AD572120/PB	.00146	-.00028	-.00103	-.00442	.00179	.00062
87	AD572121	.00018	.00115	.00165	.00288	.00029	.00355
88	AD572122	.13225	.00519	.00396	.00424	.00567	.13413
89	AD572123	.00294	.00099	-.00246	.00243	.00026	.09520
90	AD572124	.03772	.02107	-.00104	.01832	.02245	.58715
91	AD572125	.00491	.00181	.00048	.00511	.00016	.06676
92	AD572126	.01989	.00574	.00088	.00693	.00515	.10382
93	AD572127	.03910	.00559	-.00094	.00463	.00607	.18563
94	AD572128	-.00110	.00022	-.00269	.00027	.00020	.00034
95	AD572129	.23363	.00993	.00646	.01048	.00965	.32672
96	AD572130	-.00088	-.00063	.00038	.00339	-.00265	.00147
97	AD572131	-.00103	-.00004	-.00054	.00043	-.00028	.00185
98	AD572132	-.00002	.00034	.00013	-.00015	.00059	.00678
99	AD572132/L (1:5)	-.00038	-.00235	-.00031	-.00260	-.00223	.00153
100	AD572132/PS	.20541	.21169	.20205	.20203	.21653	.21421
101	AD572133/MD	.00022	.00107	-.00071	.00647	-.00163	.00753
102	AD572134/MS	.02115	.04943	.09546	.04937	.04946	.00501
103	AD572135/FB	.20029	.19664	.19262	.19067	.19964	.19649
104	AD572136/PB	-.00033	-.00051	-.00120	.00582	-.00368	.00017
105	AD572137	.00009	-.00130	.00329	.00562	-.00477	.14411
106	AD572138	-.00087	-.00158	-.00078	-.00138	-.00167	.00019
107	AD572139	-.00010	-.00051	-.00085	-.00210	.00028	.00050
108	AD572140	-.00095	-.00145	-.00091	.00496	-.00466	.00019
109	AD572141	-.00113	.00066	.00061	.00557	-.00179	.00029
110	AD572142	.00182	-.00164	.00194	.00100	-.00297	.17195
111	AD572143	-.00036	-.00064	-.00068	.00410	-.00302	.00585
112	AD572144	-.00117	-.00118	-.00065	.00145	-.00250	.00548
113	AD572145	.00053	-.00006	-.00038	.00087	-.00052	.00042

#	Sample Name	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
114	AD572146	-.00090	-.00056	-.00192	.00149	-.00159	.00495
115	AD572147	.00036	-.00041	-.00088	.00161	-.00143	.02024
116	AD572148	-.00086	-.00102	-.00167	.00231	-.00270	.01021
117	AD572149	.00959	.00034	.00129	.00036	.00033	.08379
118	AD572149/L (1:5)	.00097	-.00186	-.00128	.00105	-.00332	.02653
119	AD572149/PS	.22262	.21457	.20337	.20380	.21997	.29855
120	AD572150/MS	.20765	.19628	.17873	.18779	.20053	.27588
121	AD572151/SD	.19962	.20380	.17295	.19913	.20614	.25350
122	AD572152	-.00004	-.00044	.00040	-.00117	-.00008	.05915
123	AD572153	.00013	-.00126	-.00169	.00352	-.00366	.03302
124	AD572154	.00941	-.00047	-.00118	-.00083	-.00029	.08200
125	AD572155/FB	.20923	.20026	.19487	.19135	.20472	.20329
126	AD572156/PB	-.00144	-.00002	.00023	.00579	-.00293	-.00007
127	CCB	.00052	-.00112	-.00077	-.00294	-.00021	.00039
128	CCB	.00096	.00109	-.00257	.00344	-.00007	.00015
129	CCB	.00126	-.00175	-.00266	-.00304	-.00110	.00028
130	CCB	.00099	-.00065	-.00168	.00058	-.00127	.00029
131	CCB	.00010	-.00225	-.00131	-.00050	-.00312	.00021
132	CCB	.00079	.00026	.00039	-.00011	.00044	.00056
133	CCB	.00077	.00037	-.00069	-.00054	.00084	.00062
134	CCB	.00051	.00057	-.00227	-.00116	.00144	.00017
135	CCB	-.00017	-.00201	.00180	.00032	-.00318	.00058
136	CCB	.00054	-.00091	.00025	.00102	-.00187	.00081
137	CCB	.00022	.00001	.00005	-.00059	.00031	.00083
138	CCB	-.00106	-.00237	.00208	.00201	-.00457	.00039
139	CCB	.00008	-.00193	-.00139	.00254	-.00416	.00021
140	CCB	-.00138	.00014	.00042	.00209	-.00083	.00021
141	CCB	-.00132	-.00137	-.00055	.00452	-.00432	.00031
142	CCB	-.00085	-.00215	-.00025	.00113	-.00379	-.00004
143	CCB	-.00039	-.00063	.00056	.00145	-.00167	.00011
144	CCV	.49743	.50268	.49112	.50382	.50212	.50072
145	CCV	.49600	.50419	.49042	.50349	.50455	.50327
146	CCV	.50896	.50918	.49442	.50608	.51074	.50908
147	CCV	.50048	.50254	.49206	.49835	.50464	.50543
148	CCV	.49778	.50089	.49248	.49814	.50228	.50434
149	CCV	.49458	.49684	.49519	.49335	.49859	.50613
150	CCV	.48565	.48895	.48340	.48346	.49170	.49666
151	CCV	.49275	.48850	.48528	.47793	.49380	.50016
152	CCV	.49647	.50212	.49410	.49166	.50736	.50281
153	CCV	.49475	.50116	.49156	.48363	.50993	.50072
154	CCV	.49700	.50413	.48924	.48789	.51226	.50042
155	CCV	.50743	.51054	.48980	.48942	.52111	.50990
156	CCV	.50127	.49841	.48028	.47640	.50943	.50165
157	CCV	.50259	.49999	.47797	.47227	.51386	.50042
158	CCV	.50333	.49938	.47747	.47385	.51215	.50199
159	CCV	.50365	.49942	.47346	.47154	.51336	.50064
160	CCV	.50376	.49637	.47634	.46980	.50966	.50152
161	CRI	.00564	.01496	.01665	.01448	.01520	.00533
162	CRI	.00565	.01580	.01741	.01685	.01527	.00582
163	CRI	.00484	.01455	.01978	.01871	.01247	.00567
164	CRI	.00447	.01492	.01807	.01975	.01251	.00586
165	CRI	.00495	.01538	.01554	.01506	.01553	.00539
166	CRI	.00400	.01412	.01696	.01597	.01320	.00528
167	ICB	.00099	-.00084	-.00146	-.00197	-.00028	.00042

#	Sample Name	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
168	ICB	-.00031	-.00169	.00007	.00007	-.00258	.00003
169	ICSA	.00487	.00525	-.00232	-.00297	.00937	.00128
170	ICSA	.00529	.00445	-.00258	-.00546	.00942	.00154
171	ICSA	.00403	.00485	-.00241	-.00216	.00836	.00142
172	ICSA	.00316	.00482	-.00127	-.00318	.00882	.00142
173	ICSA	.00395	.00456	-.00199	.00001	.00683	.00114
174	ICSAB	.05075	.04949	.61990	.04328	.05260	.00116
175	ICSAB	.05082	.05418	.62167	.04636	.05809	.00150
176	ICSAB	.04969	.05130	.61532	.04519	.05436	.00120
177	ICSAB	.05018	.05499	.60619	.04675	.05912	.00142
178	ICSAB	.05024	.05435	.58535	.04807	.05749	.00082
179	ICSAB	.04919	.05131	.58606	.04995	.05199	.00078
180	ICSAB	.05164	.05401	.59239	.04607	.05798	.00076
181	ICV	.38083	.38363	.37360	.38137	.38476	.38152
182	ICV	.38708	.39331	.37528	.38447	.39773	.38275
183	STD 1			.26087	.43822	.68655	1.4004
184	STD 1			.25854	.42398	.66093	1.40742
185	STD 2			1.26914	2.42357	3.21262	6.85386
186	STD 2			1.26773	2.38119	3.14908	6.89279
187	STD 3			2.58701	4.9869	6.39107	13.8159
188	STD 3			2.58259	4.94016	6.33959	13.9221
189	STD 3 VER	.98697	1.0041	1.0174	1.0025	1.0049	.99416
190	STD 3 VER	.98909	1.0128	1.0037	.98968	1.0244	.99096
191	STD BLK			.00734	-.08235	.06688	-.00788
192	STD BLK			.00228	-.09114	.0778	-.00851

#	Sample Name	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
1	A5D93601	-.00223	.00010	.00840	-.00210	.00127	.00133
2	A5D93605	.00099	.00111	.00247	-.00237	.00111	.00918
3	A5D93607	.00072	.00006	.00148	-.00351	.00137	.00545
4	A5D97703	-.00232	.00236	.05929	-.00245	.00134	.00072
5	A5D98001	-.00408	.00079	.00281	-.00370	.00132	.00042
6	AD570203	-.00223	-.00021	.00693	-.00145	.00093	.00124
7	AD570207	-.00128	.00140	.00295	-.00070	.00097	.00883
8	AD570209	-.00057	.00045	.00290	.00024	.00148	.00534
9	AD570463	-.00207	.00028	.03048	-.00121	.00087	.00254
10	AD570562/FB	.19405	.19426	.19720	.20307	.05016	.19723
11	AD570563/PB	-.00187	.00015	.00079	-.00083	.00116	-.00047
12	AD571403/(1:50)	.00093	.00014	.00092	-.00072	.00177	-.00023
13	AD571550/(1:50)	-.00248	.00021	.00896	.00190	.00119	.00057
14	AD571735/(1:10)	-.00096	.00020	.00376	.00022	.00104	.00100
15	AD571739/(1:10)	.00088	-.00003	.00271	.00034	.00118	.00089
16	AD571741/(1:10)	-.00060	-.00001	.00832	.00066	.00133	.00093
17	AD571745/(1:10)	-.00220	-.00002	.00097	.00022	.00117	.00032
18	AD571838/(1:10)	-.00136	-.00016	.00090	-.00230	.00104	.00099
19	AD571846/(1:10)	.00027	-.00023	.00091	-.00053	.00102	-.00015
20	AD571847/(1:10)	-.00056	-.00047	.00132	-.00163	.00019	.00065
21	AD572044	-.00133	-.00012	.00514	-.00065	.00103	.00052
22	AD572044/L (1:5)	-.00187	-.00001	.00114	.00042	.00125	.00042
23	AD572044/PS	.20205	.20316	.20331	.20946	.02207	.21149
24	AD572045/MS	.19186	.19286	.19995	.20775	.05241	.19884
25	AD572046/SD	.20057	.19995	.20769	.20623	.05265	.20814

#	Sample Name	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
26	AD572047	.00094	-.00008	.01322	-.00217	.00122	.00461
27	AD572048	-.00121	.00000	.00523	-.00022	.00144	.00139
28	AD572049	-.00105	-.00012	.01502	-.00232	.00126	.00202
29	AD572050	.00002	.00015	.01306	-.00064	.00127	.00076
30	AD572051	-.00091	-.00021	.01888	-.00082	.00108	.00223
31	AD572052	.00014	-.00029	.00411	-.00185	.00140	.00105
32	AD572053	-.00236	.00050	.00541	-.00097	.00144	.00508
33	AD572054	-.00178	.00015	.00659	-.00101	.00133	.00631
34	AD572055	-.00065	.00031	.00395	-.00170	.00118	.00241
35	AD572056	-.00157	-.00008	.01282	-.00043	.00134	.00535
36	AD572057	-.00027	.00001	.01880	-.00163	.00146	.00354
37	AD572058	-.00270	-.00001	.01551	-.00352	.00116	.00210
38	AD572059	.00050	-.00032	.00354	-.00127	.00140	.00011
39	AD572060	-.00159	.00000	.00443	.00078	.00159	.00017
40	AD572061	-.00089	-.00016	.00821	-.00214	.00120	.00029
41	AD572062/FB	.19733	.19777	.20739	.21164	.05195	.20370
42	AD572063/PB	-.00188	.00000	.00234	-.00196	.00115	.00075
43	AD572081	.00075	.13492	.37382	.02975	-.00013	.00456
44	AD572082	-.00133	.09992	.34085	.02104	-.00011	.00410
45	AD572083	-.00093	.11606	.26785	.02241	-.00007	.00372
46	AD572083/L (1:5)	-.00069	.02644	.06068	.00478	.00047	.00030
47	AD572083/PS	.35560	.47605	.60945	.38774	.03402	.37195
48	AD572084/MD	-.00169	.11420	.26658	.02226	.00006	.00197
49	AD572085/MS	-.00184	.07182	.17509	.02995	-.00021	.00209
50	AD572086/SD	.00138	.10845	.24491	.02412	-.00017	.00303
51	AD572087	.00076	.17203	.44371	.02001	-.00014	.00788
52	AD572088	-.00027	.19596	.42077	.02872	.00011	.00504
53	AD572089	-.00047	.04956	.44909	.03137	.00044	.00257
54	AD572090	-.00093	.16473	.29847	.01855	-.00011	.00452
55	AD572091	-.00136	.18696	.72844	.06697	.00352	.00547
56	AD572092	-.00042	.15928	.83184	.02320	.00004	.00646
57	AD572093	.00131	.19286	.60718	.03399	.00039	.00722
58	AD572094	.00141	.18155	.59270	.03056	.00016	.00723
59	AD572095	.00099	.14475	.67081	.02404	.00022	.00502
60	AD572096	-.00123	.11373	1.3998	.03785	.00024	.00376
61	AD572097	-.00288	.07779	.52433	.02524	-.00001	.00404
62	AD572098	.00105	.10728	.80841	.07402	.00038	.00291
63	AD572099	.00091	.14516	.79063	.02922	-.00049	.00409
64	AD572100	.00150	.12454	.53953	.02093	-.00026	.00430
65	AD572101	.00062	.13471	.76087	.02880	.00305	.00424
66	AD572102	-.00005	.20541	.40801	.01803	.00002	.00336
67	AD572103	.00036	.21648	.36207	.02054	-.00047	.00572
68	AD572104/CLPSL	1.5674	.59260	1.0361	1.7366	.78393	.55989
69	AD572105/PB	-.00134	.00046	.00636	H.04476	-.00029	.00080
70	AD572106	.00103	.17745	1.5940	.03077	.00187	.00610
71	AD572107	-.00055	.13863	.83413	.02327	.00166	.00404
72	AD572108	-.00079	.15178	1.6603	.08334	.00328	.00644
73	AD572109	-.00049	.17756	.33100	.02384	.00162	.00523
74	AD572110	-.00050	.11900	.93951	.02184	.00147	.00557
75	AD572111	-.00119	.13964	.89240	.04668	.00207	.01133
76	AD572112	-.00220	.15149	1.3646	.02182	.00123	.00527
77	AD572112/L (1:5)	-.00184	.03275	.30380	.00515	.00105	.00174
78	AD572112/PS	.36184	.51036	1.6595	.39454	.03536	.38088
79	AD572113/MD	-.00136	.13105	1.1334	.02253	.00117	.00380

#	Sample Name	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
80	AD572114/MS	.00005	.13923	1.1599	.02311	.00121	.00420
81	AD572115/SD	-.00058	.15579	1.3593	.02220	.00066	.00509
82	AD572116	.00108	.16925	.82902	.02865	.00142	.00492
83	AD572117	.00009	.27288	.47836	.03479	.00048	.00545
84	AD572118	-.00036	.25201	.41995	.02575	.00120	.00291
85	AD572119/CLPSL	1.4672	.58283	1.0101	1.6932	.75779	.56093
86	AD572120/PB	-.00381	-.00032	.00514	H.04635	.00115	.00045
87	AD572121	-.00063	.00077	.00501	-.00130	-.00060	.00347
88	AD572122	.00009	.01157	.70829	.01134	.00043	.00272
89	AD572123	-.00238	.00743	.01537	-.00124	.00000	.00718
90	AD572124	.00107	.04416	.42402	-.00317	-.00058	.00135
91	AD572125	-.00168	.00536	.01440	-.00071	-.00026	.00575
92	AD572126	-.00165	.00855	1.0063	-.00112	-.00088	.00562
93	AD572127	.00145	.01762	.10328	.00208	-.00055	.00098
94	AD572128	-.00126	.00117	.00295	-.00190	-.00107	.00119
95	AD572129	.00064	.04143	1.6015	.00388	-.00035	.00281
96	AD572130	-.00063	.00037	.00401	-.00097	-.00084	.00046
97	AD572131	.00049	.00061	.00471	-.00006	-.00086	-.00010
98	AD572132	.00082	.00229	.00739	-.00203	-.00074	.00179
99	AD572132/L (1:5)	-.00089	.00081	.00150	-.00102	-.00100	.00018
100	AD572132/PS	.19475	.21086	.21406	.21228	.01864	.22173
101	AD572133/MD	.00055	.00220	.00779	-.00254	-.00118	.00362
102	AD572134/MS	.04622	.48652	.49760	-.00216	.04916	.00189
103	AD572135/FB	.18787	.19527	.20921	.20528	.04922	.20102
104	AD572136/PB	-.00066	.00030	.00185	.00006	-.00092	.00009
105	AD572137	.00351	.01672	.02009	-.00661	-.00140	.00300
106	AD572138	-.00117	.00103	.00649	-.00222	-.00138	.00119
107	AD572139	-.00045	.00070	.00302	-.00132	-.00124	-.00050
108	AD572140	-.00076	.00038	.00443	-.00189	-.00177	-.00016
109	AD572141	-.00036	.00054	.00422	-.00200	-.00185	-.00070
110	AD572142	-.00051	.02610	.03727	-.00673	-.00156	.00138
111	AD572143	-.00114	.00091	.25317	-.00494	-.00197	.00143
112	AD572144	-.00209	.00099	.29647	-.00480	-.00171	.00217
113	AD572145	-.00007	.00372	.10882	.04748	-.00183	.02396
114	AD572146	.00045	.00182	.00602	-.00335	-.00159	.00551
115	AD572147	-.00026	.00326	.00754	-.00272	-.00145	.00758
116	AD572148	-.00068	.00145	.00580	-.00229	-.00152	.00661
117	AD572149	-.00093	.01163	.06125	-.00325	-.00163	.01140
118	AD572149/L (1:5)	.00085	.00314	.01273	-.00022	-.00180	.00117
119	AD572149/PS	.19347	.22803	.27732	.22184	.01845	.23832
120	AD572150/MS	.17683	.20871	.27993	.20854	.05053	.22099
121	AD572151/SD	.17242	.19445	.26728	.19635	.04799	.20346
122	AD572152	.00211	.00521	.01146	-.00113	-.00205	.00688
123	AD572153	-.00050	.00274	.01185	-.00426	-.00199	.00404
124	AD572154	.00012	.01099	.05922	-.00417	-.00189	.00964
125	AD572155/FB	.19037	.20387	.21942	.21212	.05076	.21188
126	AD572156/PB	.00024	.00030	.00251	-.00155	-.00163	-.00030
127	CCB	-.00006	.00021	.00010	.00052	.00067	.00138
128	CCB	-.00121	-.00023	.00010	.00010	.00099	.00050
129	CCB	-.00088	.00000	.00025	-.00082	.00123	.00090
130	CCB	.00049	.00015	.00045	-.00035	.00093	.00077
131	CCB	.00001	-.00048	-.00002	-.00160	.00108	.00095
132	CCB	-.00088	.00000	.00045	.00010	.00124	.00182
133	CCB	.00004	-.00016	.00025	-.00068	.00125	.00130

#	Sample Name	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
134	CCB	-.00079	.00031	.00011	-.00068	.00076	.00099
135	CCB	-.00015	.00070	-.00002	.00009	-.00038	.00174
136	CCB	-.00055	.00030	.00066	-.00022	.00020	.00051
137	CCB	-.00174	.00062	.00059	-.00245	.00012	.00024
138	CCB	.00041	.00054	-.00015	-.00056	-.00071	.00043
139	CCB	-.00059	.00030	.00031	-.00123	-.00107	.00066
140	CCB	.00000	.00046	.00011	-.00022	-.00128	-.00014
141	CCB	.00170	.00070	.00032	-.00166	-.00133	.00061
142	CCB	-.00016	.00054	-.00008	-.00009	-.00168	.00028
143	CCB	-.00025	.00046	-.00008	-.00009	-.00186	.00078
144	CCV	.50081	.49746	.48931	.51700	.49244	.51907
145	CCV	.50679	.49434	.48581	.50890	.49299	.51062
146	CCV	.50196	.50262	.50532	.53747	.50240	.53821
147	CCV	.50493	.49731	.49543	.52973	.49805	.53369
148	CCV	.50511	.49460	.49333	.52754	.49518	.53168
149	CCV	.49813	.49523	.49569	.53117	.50052	.53793
150	CCV	.48739	.48705	.48978	.52508	.49336	.53002
151	CCV	.48184	.49660	.49853	.53347	.49672	.54035
152	CCV	.49758	.49605	.49311	.51584	.49679	.52480
153	CCV	.49125	.49653	.49945	.52114	.49706	.53174
154	CCV	.48861	.49963	.50527	.52484	.49951	.53659
155	CCV	.49018	.50876	.51955	.53805	.51065	Q.55379
156	CCV	.47434	.50092	.51358	.52769	.50348	.54373
157	CCV	.47292	.50371	.51308	.53338	.50311	.54693
158	CCV	.46776	.50384	.52102	.53511	.50620	Q.55071
159	CCV	.45368	.50147	.52003	.53551	.50633	Q.55069
160	CCV	.45566	.50305	.52270	.53756	.50793	Q.55600
161	CRI	.02062	.00497	.02025	.00741	.00401	.01056
162	CRI	.01905	.00474	.02073	.00892	.00428	.00987
163	CRI	.02113	.00534	.02000	.00838	.00381	.00967
164	CRI	.01914	.00537	.02077	.00784	.00250	.01015
165	CRI	.01663	.00507	.02098	.00760	L.00122	.00956
166	CRI	.01963	.00542	.02085	.00739	.00177	.00938
167	ICB	.00113	.00036	.00049	.00117	.00121	.00234
168	ICB	-.00020	.00014	.00018	.00023	.00036	.00096
169	ICSA	-.00214	-.00018	-.00260	.00396	.00169	-.00057
170	ICSA	-.00430	-.00006	-.00200	.00121	.00177	.00065
171	ICSA	-.00373	.00004	-.00191	.00065	.00105	-.00003
172	ICSA	-.00157	-.00032	-.00009	-.00116	-.00026	-.00002
173	ICSA	-.00079	-.00017	-.00037	-.00072	-.00057	.00010
174	ICSAB	.09371	.49086	.92808	.00275	.21727	-.00131
175	ICSAB	.09271	.49002	.95096	.00223	.22015	-.00042
176	ICSAB	.09496	.49344	.94345	.00223	.21754	.00042
177	ICSAB	.09199	.49537	.97119	.00196	.21967	-.00152
178	ICSAB	.09096	.49042	.96721	.00082	.21479	-.00021
179	ICSAB	.08625	.48538	.97201	.00058	.21441	.00142
180	ICSAB	.08920	.49249	.98432	-.00119	.21793	.00108
181	ICV	.38296	.37992	.37523	.39374	.37532	Q.39848
182	ICV	Q.39643	.38194	.37914	Q.39605	.37630	Q.39868
183	STD 1	.51569	.10459	.12184	.07391	.62514	.403
184	STD 1	.48869	.10415	.12321	.07625	.6349	.41751
185	STD 2	2.60744	.51047	.58427	.35351	3.22882	1.95888
186	STD 2	2.60271	.50962	.59059	.36553	3.27756	2.01985
187	STD 3	5.30441	1.02768	1.16444	.71009	6.58976	3.95993

#	Sample Name	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
188	STD 3	5.28448	1.02612	1.1834	.73728	6.70257	4.07715
189	STD 3 VER	1.0050	.99651	.98487	.99664	1.0001	.99978
190	STD 3 VER	1.0088	.99234	.98295	.99818	.99921	.99432
191	STD BLK	-.01977	.00015	.00007	.00195	-.04688	.00249
192	STD BLK	-.0186	-.00024	.00032	.00204	-.04289	.00458

Standardization Rpt. 12/19/05 12:03:28 PM page 1

Method: TRACE1 Standard: STD BLK
Run Time: 12/19/05 11:58:39

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	.13244	-.03361	.02547	.00203	.09923	.02532	.00320
SDev	.00310	.00650	.00139	.00001	.00048	.00029	.00253
%RSD	2.3427	19.328	5.4622	.25691	.47962	1.1299	79.158
#1	.13025	-.02901	.02449	.00203	.09890	.02511	.00499
#2	.13464	-.03820	.02646	.00204	.09957	.02552	.00141

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	-.00883	.00836	-.00086	-.00086	-.18280	.00430	.00086
SDev	.00119	.00053	.00077	.00011	.03196	.00076	.00033
%RSD	13.512	6.3521	89.842	13.111	17.485	17.746	38.332
#1	-.00967	.00874	-.00140	-.00078	-.16020	.00484	.00109
#2	-.00798	.00798	-.00031	-.00094	-.20540	.00376	.00063

Elem	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1	1960/2
Avge	-.00094	-.01797	.03874	-.07005	.00734	-.08235	.06688
SDev	.00177	.00150	.01272	.03043	.00241	.00332	.00226
%RSD	188.76	8.3523	32.831	43.439	32.856	4.0369	3.3779
#1	-.00218	-.01903	.04773	-.09157	.00905	-.08470	.06848
#2	.00031	-.01691	.02975	-.04853	.00564	-.08000	.06528

Elem	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Avge	-.00789	-.01977	.00016	.00008	.00195	-.04688	.00250
SDev	.00363	.00281	.00022	.00011	.00012	.00034	.00132
%RSD	45.977	14.229	141.42	141.42	5.9133	.72831	52.812
#1	-.01045	-.01778	.00000	.00016	.00187	-.04664	.00343
#2	-.00532	-.02176	.00031	.00000	.00204	-.04712	.00157

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6399	--	--	--	--	--	--
SDev	16.44023	--	--	--	--	--	--
%RSD	.2569157	--	--	--	--	--	--
#1	6411	--	--	--	--	--	--
#2	6387	--	--	--	--	--	--

Standardization Rpt. 12/19/05 12:07:52 PM page 1

Method: TRACE1 Standard: STD 1
Run Time: 12/19/05 12:03:31

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	4.9151	1.4427	.48620	.91263	1.6720	2.4247	1.0140
SDev	.0108	.0126	.00458	.00249	.0071	.0075	.0002
%RSD	.21976	.87059	.94286	.27277	.42229	.31007	.01754
#1	4.9228	1.4515	.48296	.91439	1.6770	2.4300	1.0141
#2	4.9075	1.4338	.48944	.91087	1.6671	2.4193	1.0139

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Ni2316	2203/1	2203/2
Avge	.81921	.51048	.86658	.47747	.76910	.70065	3.8196
SDev	.00572	.00039	.00229	.00046	.00660	.01060	.0147
%RSD	.69812	.07687	.26376	.09531	.85834	1.5134	.38430
#1	.82325	.51021	.86820	.47779	.77377	.70815	3.8300
#2	.81516	.51076	.86496	.47715	.76443	.69315	3.8092

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Avge	.26087	.43823	.68656	1.4004	.51570	.10459	.12185
SDev	.00380	.01055	.00999	.0006	.00666	.00002	.00021
%RSD	1.4577	2.4069	1.4552	.04009	1.2917	.01995	.17031
#1	.26356	.44569	.67949	1.4008	.51099	.10461	.12199
#2	.25818	.43077	.69362	1.4000	.52041	.10458	.12170

Elem	Sn1899	Ag3280	Mo2020
Avge	.07392	.62515	.40300
SDev	.00067	.00110	.00035
%RSD	.90195	.17592	.08601
#1	.07345	.62437	.40325
#2	.07439	.62592	.40276

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6406	--	--	--	--	--	--
SDev	28.31949	--	--	--	--	--	--
%RSD	.4421000	--	--	--	--	--	--
#1	6386	--	--	--	--	--	--
#2	6426	--	--	--	--	--	--

Standardization Rpt. 12/19/05 12:12:17 PM page 1

Method: TRACE1 Standard: STD 2
Run Time: 12/19/05 12:07:56

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	23.540	7.1173	2.2065	4.4489	7.7667	11.712	4.9655
SDev	.072	.0421	.0044	.0207	.0384	.051	.0227
%RSD	.30774	.59197	.19814	.46516	.49449	.43504	.45673
#1	23.592	7.1471	2.2096	4.4636	7.7938	11.748	4.9815
#2	23.489	7.0875	2.2034	4.4343	7.7395	11.676	4.9494

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Ni2316	2203/1	2203/2
Avge	3.9524	2.4990	4.2123	2.3266	3.7856	3.2556	18.453
SDev	.0257	.0077	.0232	.0123	.0220	.0112	.204
%RSD	.65014	.31004	.55195	.52749	.58173	.34384	1.1044
#1	3.9706	2.5045	4.2287	2.3352	3.8012	3.2635	18.597
#2	3.9342	2.4935	4.1959	2.3179	3.7700	3.2477	18.309

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Avge	1.2691	2.4236	3.2126	6.8539	2.6074	.51048	.58427
SDev	.0026	.0533	.0399	.0288	.0018	.00273	.00141
%RSD	.20742	2.1991	1.2417	.41989	.06946	.53548	.24187
#1	1.2710	2.4613	3.2408	6.8742	2.6087	.51241	.58527
#2	1.2673	2.3859	3.1844	6.8335	2.6062	.50854	.58327

Elem	Sn1899	Ag3280	Mo2020
Avge	.35352	3.2288	1.9589
SDev	.00011	.0096	.0010
%RSD	.02999	.29804	.05027
#1	.35359	3.2356	1.9596
#2	.35344	3.2220	1.9582

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6362	--	--	--	--	--	--
SDev	29.91048	--	--	--	--	--	--
%RSD	.4701575	--	--	--	--	--	--
#1	6341	--	--	--	--	--	--
#2	6383	--	--	--	--	--	--

Standardization Rpt. 12/19/05 12:17:10 PM page 1

Method: TRACE1 Standard: STD 3
Run Time: 12/19/05 12:12:21

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	47.647	14.506	4.4571	8.9643	15.473	45.175	23.505
SDev	.004	.016	.0049	.0019	.009	.010	.004
%RSD	.00765	.11219	.10946	.02089	.05538	.02210	.01576
#1	47.644	14.518	4.4536	8.9656	15.479	45.168	23.503
#2	47.650	14.495	4.4605	8.9630	15.466	45.182	23.508

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	9.9757	7.9335	5.0498	8.4605	153.64	22.478	4.6754
SDev	.0108	.0053	.0020	.0107	.13	.037	.0048
%RSD	.10779	.06641	.04004	.12620	.08452	.16561	.10254
#1	9.9833	7.9372	5.0512	8.4680	153.73	22.505	4.6788
#2	9.9681	7.9298	5.0484	8.4529	153.55	22.452	4.6720

Elem	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1	1960/2
Avge	2.5534	7.5894	6.4956	36.724	2.5870	4.9869	6.3911
SDev	.0030	.0094	.0118	.014	.0024	.0164	.0229
%RSD	.11731	.12395	.18108	.03814	.09279	.32838	.35805
#1	2.5555	7.5960	6.5039	36.714	2.5853	4.9753	6.3749
#2	2.5513	7.5827	6.4872	36.734	2.5887	4.9985	6.4073

Elem	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Avge	13.816	5.3044	1.0277	1.1644	.71009	6.5898	3.9599
SDev	.006	.0029	.0003	.0015	.00060	.0041	.0231
%RSD	.04308	.05547	.03130	.12938	.08471	.06279	.58390
#1	13.820	5.3023	1.0279	1.1655	.70967	6.5927	3.9436
#2	13.812	5.3065	1.0275	1.1634	.71052	6.5868	3.9763

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6274	--	--	--	--	--	--
SDev	2.651650	--	--	--	--	--	--
%RSD	.0422653	--	--	--	--	--	--
#1	6272	--	--	--	--	--	--
#2	6276	--	--	--	--	--	--

Standardization Report 12/19/05 12:17:10 PM page 1

Method: TRACE1 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	1.05569	-.140178	12/19/05 12:12:21
As1890	189.042	Multiple	Standards	.068819	.002300	12/19/05 12:12:21
B_2496	249.678	Multiple	Standards	.226559	-.005798	12/19/05 12:12:21
Ba4934	493.409	Multiple	Standards	.111272	-.000237	12/19/05 12:12:21
Be3130	313.042	Multiple	Standards	.064650	-.006429	12/19/05 12:12:21
Ca3179	317.933	STD 3	STD BLK	.993267	.000711	12/19/05 12:12:21
Cd2265	226.502	Multiple	Standards	.042303	-.000153	12/19/05 12:12:21
Co2286	228.616	Multiple	Standards	.099648	.000865	12/19/05 12:12:21
Cr2677	267.716	Multiple	Standards	.125566	-.001064	12/19/05 12:12:21
Cu3247	324.753	Multiple	Standards	.197422	.000160	12/19/05 12:12:21
Fe2714	271.441	Multiple	Standards	5.88014	.004301	12/19/05 12:12:21
K_7664	766.491	STD 3	STD BLK	.940140	.107714	12/19/05 12:12:21
Mg2790	279.078	STD 3	STD BLK	1.00718	.000011	12/19/05 12:12:21
Mn2576	257.610	Multiple	Standards	.212727	-.000195	12/19/05 12:12:21
Na3302	330.232	STD 3	STD BLK	1.06421	.001330	12/19/05 12:12:21
Ni2316	231.604	Multiple	Standards	.129832	.002314	12/19/05 12:12:21
2203/1	220.351	Multiple	Standards	.157626	-.006122	12/19/05 12:12:21
2203/2	220.352	Multiple	Standards	.026317	.001814	12/19/05 12:12:21
PB2203	220.353	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
SE1960	196.026	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Sb2068	206.838	Multiple	Standards	.399270	-.002927	12/19/05 12:12:21
1960/1	196.021	Multiple	Standards	.196418	.016158	12/19/05 12:12:21
1960/2	196.022	Multiple	Standards	.156681	-.010469	12/19/05 12:12:21
Ti3372	337.280	Multiple	Standards	.072067	.000556	12/19/05 12:12:21
Tl1908	190.864	Multiple	Standards	.187116	.003693	12/19/05 12:12:21
V_2924	292.402	Multiple	Standards	.971814	-.000163	12/19/05 12:12:21
Zn2062	206.200	Multiple	Standards	.843492	-.000090	12/19/05 12:12:21
Sn1899	189.989	Multiple	Standards	1.40382	-.002753	12/19/05 12:12:21
Ag3280	328.068	Multiple	Standards	.150678	.007054	12/19/05 12:12:21
Mo2020	202.030	Multiple	Standards	.252473	-.000640	12/19/05 12:12:21

Standardization Readback Report 12/19/05 12:17:10 PM page 1

Method: TRACE1

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	STD BLK	.000000	-.000357	.000357
		STD 1	5.00000	5.04866	-.048665
		STD 2	25.0000	24.7112	.288845
		STD 3	50.0000	50.1602	-.160221

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	STD BLK	.000000	-.000012	.000012
		STD 1	.100000	.101582	-.001582
		STD 2	.500000	.492101	.007899
		STD 3	1.00000	1.00059	-.000594

CorCoef: 0.99995

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	STD BLK	.000000	-.000026	.000026
		STD 1	.100000	.104355	-.004355
		STD 2	.500000	.494095	.005905
		STD 3	1.00000	1.00399	-.003994

CorCoef: 0.99995

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	STD BLK	.000000	-.000011	.000011
		STD 1	.100000	.101314	-.001314
		STD 2	.500000	.494808	.005192
		STD 3	1.00000	.997243	.002757

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	STD BLK	.000000	-.000014	.000014
		STD 1	.100000	.101669	-.001669
		STD 2	.500000	.495687	.004313
		STD 3	1.00000	.993871	.006129

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Ca3179	317.933	STD BLK	.025857	.025317	.000541
		STD 3	44.8715	45.1750	-.303459

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	STD BLK	.000000	-.000018	.000018
		STD 1	.100000	.102417	-.002417
		STD 2	.500000	.495318	.004682
		STD 3	1.00000	.994192	.005808

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	STD BLK	.000000	-.000015	.000015
		STD 1	.100000	.101910	-.001910
		STD 2	.500000	.495663	.004337
		STD 3	1.00000	.994923	.005077

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	STD BLK	.000000	-.000014	.000014
		STD 1	.100000	.101801	-.001801
		STD 2	.500000	.495225	.004775
		STD 3	1.00000	.995120	.004880

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	STD BLK	.000000	-.000009	.000009
		STD 1	.100000	.100941	-.000941
		STD 2	.500000	.493517	.006483
		STD 3	1.00000	.997100	.002900

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	STD BLK	.000000	-.000754	.000754
		STD 1	5.00000	5.09992	-.099918
		STD 2	25.0000	24.7733	.226732
		STD 3	50.0000	49.7531	.246914

CorCoef: 0.99999

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	STD BLK	-.064145	-.182802	.118657
		STD 3	144.552	153.641	-9.08922

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Mg2790	279.078	STD BLK	.004338	.004297	.000041
		STD 3	22.6397	22.4783	.161356

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	STD BLK	.000000	-.000012	.000012
		STD 1	.100000	.101376	-.001376
		STD 2	.500000	.494730	.005270
		STD 3	1.00000	.994385	.005615

CorCoef: 0.99999

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	STD BLK	.000334	-.000935	.001270
		STD 3	2.71868	2.55339	.165292

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	STD BLK	.000000	-.000019	.000019
		STD 1	.100000	.102167	-.002167
		STD 2	.500000	.493806	.006194
		STD 3	1.00000	.987657	.012343

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	STD BLK	.000000	-.000015	.000015
		STD 1	.100000	.104319	-.004319
		STD 2	.500000	.507050	-.007050
		STD 3	1.00000	1.01775	-.017747

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	STD BLK	.000000	-.000030	.000030
		STD 1	.100000	.102336	-.002336
		STD 2	.500000	.487449	.012551
		STD 3	1.00000	.968284	.031716

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
PB2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
SE1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	STD BLK	.000000	.000005	-.000005
		STD 1	.100000	.101231	-.001231
		STD 2	.500000	.503805	-.003805
		STD 3	1.00000	1.02999	-.029993

CorCoef: 0.99993

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	STD BLK	.000000	-.000018	.000018
		STD 1	.100000	.102234	-.002234
		STD 2	.500000	.492192	.007808
		STD 3	1.00000	.995678	.004322

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	STD BLK	.000000	.000010	-.000010
		STD 1	.100000	.097101	.002899
		STD 2	.500000	.492889	.007111
		STD 3	1.00000	.990891	.009109

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3372	337.280	STD BLK	.000000	-.000012	.000012
		STD 1	.100000	.101479	-.001479
		STD 2	.500000	.494493	.005507
		STD 3	1.00000	.996226	.003774

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	STD BLK	.000000	-.000006	.000006
		STD 1	.100000	.100189	-.000189
		STD 2	.500000	.491588	.008412
		STD 3	1.00000	.996236	.003764

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	STD BLK	.000000	-.000011	.000011
		STD 1	.100000	.101484	-.001484
		STD 2	.500000	.495924	.004076
		STD 3	1.00000	.998553	.001447

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	STD BLK	.000000	-.000025	.000025
		STD 1	.100000	.102685	-.002685
		STD 2	.500000	.492738	.007262
		STD 3	1.00000	.982107	.017893

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	STD BLK	.000000	-.000011	.000011
		STD 1	.100000	.101013	-.001013
		STD 2	.500000	.493520	.006480
		STD 3	1.00000	.994089	.005911

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	STD BLK	.000000	-.000010	.000010
		STD 1	.100000	.101250	-.001250
		STD 2	.500000	.493567	.006433
		STD 3	1.00000	.999986	.000014

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	STD BLK	.000000	-.000009	.000009
		STD 1	.100000	.101107	-.001107
		STD 2	.500000	.493924	.006076
		STD 3	1.00000	.999136	.000864

CorCoef: 0.99998

Analysis Report Blank Sample 12/19/05 12:22:02 PM page 1

Method: TRACE1 Sample Name: STD 3 VER Operator: SW
Run Time: 12/19/05 12:17:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.124	1.0016	.99108	.99475	.99195	50.022	.99237
SDev	.092	.0027	.00092	.00086	.00106	.033	.00053
%RSD	.18262	.27097	.09309	.08645	.10729	.06512	.05351
#1	50.059	.99970	.99043	.99415	.99120	50.045	.99275
#2	50.188	1.0035	.99173	.99536	.99270	49.999	.99200
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99257	.99392	.99632	49.661	50.456	49.879	.99411
SDev	.00048	.00109	.00165	.034	.103	.063	.00089
%RSD	.04870	.10966	.16523	.06922	.20433	.12665	.08945
#1	.99222	.99469	.99516	49.636	50.383	49.834	.99348
#2	.99291	.99315	.99748	49.685	50.529	49.923	.99474
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.367	.98850	.99578	.98258	.98698	1.0041	1.0174
SDev	.189	.00062	.00045	.00184	.00108	.0011	.0001
%RSD	.37611	.06231	.04495	.18746	.10937	.11286	.01119
#1	50.233	.98893	.99546	.98389	.98774	1.0049	1.0174
#2	50.501	.98806	.99610	.98128	.98621	1.0033	1.0175
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0025	1.0049	.99417	1.0050	.99652	.98488	.99664
SDev	.0008	.0013	.00104	.0007	.00039	.00170	.00018
%RSD	.07889	.12980	.10429	.07144	.03929	.17267	.01802
#1	1.0031	1.0058	.99343	1.0045	.99624	.98608	.99652
#2	1.0019	1.0039	.99490	1.0055	.99679	.98368	.99677
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	1.0001	.99978
SDev	.0009	.00037
%RSD	.08615	.03710
#1	.99952	.99952
#2	1.0007	1.0000
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6289	--	--	--	--	--	--
SDev	7.848954	--	--	--	--	--	--
%RSD	.1247975	--	--	--	--	--	--
#1	6284	--	--	--	--	--	--
#2	6295	--	--	--	--	--	--

Analysis Report QC Standard 12/19/05 12:32:47 PM page 1

Method: TRACE1 Sample Name: ICV Operator: SW
Run Time: 12/19/05 12:27:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.382	.37355	.36803	.37979	.38325	19.308	.37125
SDev	.084	.00017	.00206	.00173	.00096	.063	.00274
%RSD	.43247	.04517	.55933	.45464	.24925	.32812	.73791
#1	19.322	.37343	.36658	.37857	.38258	19.263	.36932
#2	19.441	.37367	.36949	.38101	.38393	19.352	.37319
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	18.750	.37500	.37500	.37500	.37500	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37711	.37940	Q.39702	19.060	19.043	19.027	.38456
SDev	.00184	.00210	.00116	.134	.237	.040	.00098
%RSD	.48810	.55288	.29329	.70078	1.2431	.21211	.25584
#1	.37581	.37792	Q.39784	18.966	18.876	18.999	.38525
#2	.37841	.38088	Q.39620	19.155	19.210	19.056	.38386
Errors	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500	.37500	.37500	18.750	18.750	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.001	.38253	.38186	.38033	.38084	.38363	.37361
SDev	.093	.00216	.00056	.00026	.00036	.00138	.00002
%RSD	.48689	.56470	.14765	.06969	.09572	.35957	.00392
#1	19.067	.38100	.38146	.38014	.38058	.38266	.37362
#2	18.936	.38405	.38226	.38051	.38109	.38461	.37360
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	18.750	.37500			.37500	.37500	.37500
Range	5.0000	5.0000			5.0000	5.0000	5.0000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38137	.38477	.38152	.38296	.37992	.37524	.39375
SDev	.00402	.00006	.00005	.00266	.00229	.00110	.00023
%RSD	1.0532	.01583	.01323	.69488	.60303	.29364	.05929
#1	.37853	.38473	.38149	.38484	.37830	.37446	Q.39391
#2	.38421	.38481	.38156	.38108	.38154	.37601	.39358
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.37500	.37500	.37500	.37500	.37500
Range			5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.37533	Q.39849
SDev	.00047	.00259
%RSD	.12443	.64992
#1	.37566	Q.39666
#2	.37500	Q.40032

Errors	QC Pass	QC Fail
Value	.37500	.37500
Range	5.0000	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6410	--	--	--	--	--	--
SDev	18.77355	--	--	--	--	--	--
%RSD	.2928642	--	--	--	--	--	--
#1	6424	--	--	--	--	--	--
#2	6397	--	--	--	--	--	--

Analysis Report Blank Sample 12/19/05 12:37:39 PM page 1

Method: TRACE1 Sample Name: ICB Operator: SW
Run Time: 12/19/05 12:32:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01213	-.00104	.00186	.00027	.00021	.01570	.00035
SDev	.00053	.00104	.00056	.00002	.00005	.00634	.00018
%RSD	4.3571	99.540	30.129	8.4380	23.538	40.415	51.648
#1	.01176	-.00178	.00147	.00028	.00025	.02019	.00022
#2	.01250	-.00031	.00226	.00025	.00018	.01121	.00047
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00055	-.00014	.00083	.00653	.01662	.01384	.00024
SDev	.00011	.00038	.00065	.00451	.01561	.00114	.00014
%RSD	19.877	278.17	77.726	69.076	93.890	8.2132	58.972
#1	.00063	-.00040	.00129	.00971	.02766	.01465	.00033
#2	.00048	.00013	.00038	.00334	.00559	.01304	.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14418	.00033	.00118	.00091	.00100	-.00085	-.00146
SDev	.01830	.00024	.00122	.00058	.00002	.00027	.00022
%RSD	12.692	70.789	103.44	63.729	1.9912	31.717	14.996
#1	.15712	.00050	.00204	.00050	.00101	-.00066	-.00131
#2	.13124	.00017	.00032	.00132	.00098	-.00103	-.00162
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00197	-.00028	.00042	.00113	.00037	.00050	.00118
SDev	.00111	.00096	.00038	.00178	.00010	.00046	.00091
%RSD	56.327	341.22	90.545	157.61	28.541	92.417	77.410
#1	-.00276	.00040	.00069	.00239	.00044	.00083	.00182
#2	-.00119	-.00096	.00015	-.00013	.00029	.00017	.00053
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00122	.00234
SDev	.00011	.00049
%RSD	8.8666	20.798
#1	.00114	.00269
#2	.00129	.00200
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6428	--	--	--	--	--	--
SDev	27.04684	--	--	--	--	--	--
%RSD	.4207348	--	--	--	--	--	--
#1	6448	--	--	--	--	--	--
#2	6409	--	--	--	--	--	--

Analysis Report Blank Sample 12/19/05 12:42:30 PM page 1

Method: TRACE1 Sample Name: CRI Operator: SW
Run Time: 12/19/05 12:37:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20274	.01094	.05793	.00207	.00197	.50914	.00120
SDev	.01414	.00061	.00009	.00017	.00017	.00740	.00020
%RSD	6.9724	5.6233	.15909	8.2274	8.6392	1.4536	16.362
#1	.19274	.01138	.05786	.00195	.00185	.50391	.00106
#2	.21273	.01051	.05799	.00220	.00209	.51438	.00134
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.07500	.00300	.00300	.75000	.00150
Low	.10000	.00500	.02500	.00100	.00100	.25000	.00050

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00402	.00378	.01000	.04691	.46957	.19943	.00307
SDev	.00026	.00025	.00045	.01054	.00439	.00623	.00009
%RSD	6.3904	6.6834	4.4967	22.467	.93460	3.1220	2.8270
#1	.00384	.00395	.01032	.03946	.46646	.19503	.00300
#2	.00420	.00360	.00969	.05437	.47267	.20383	.00313
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0916	.01029	.00415	.00639	.00564	.01497	.01665
SDev	.1577	.00019	.00065	.00061	.00062	.00046	.00265
%RSD	14.450	1.8314	15.714	9.5544	11.062	3.0590	15.902
#1	1.2031	.01043	.00369	.00596	.00520	.01464	.01478
#2	.98006	.01016	.00461	.00682	.00608	.01529	.01853
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.5000	.01500			.00750	.02250	.03000
Low	.50000	.00500			.00250	.00750	.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01448	.01521	.00534	.02063	.00497	.02025	.00741
SDev	.00223	.00180	.00000	.00190	.00024	.00047	.00051
%RSD	15.423	11.861	.00233	9.1996	4.8071	2.3357	6.9355
#1	.01606	.01393	.00534	.01929	.00481	.01992	.00705
#2	.01290	.01648	.00534	.02197	.00514	.02059	.00778
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00750	.03000	.00750	.03000	.01500
Low			.00250	.01000	.00250	.01000	.00500

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00402	.01057
SDev	.00006	.00142
%RSD	1.6165	13.394
#1	.00407	.01157
#2	.00397	.00957
Errors	LC Pass	LC Pass
High	.00450	.01500
Low	.00150	.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6428	--	--	--	--	--	--
SDev	32.13814	--	--	--	--	--	--
%RSD	.4999691	--	--	--	--	--	--
#1	6451	--	--	--	--	--	--
#2	6405	--	--	--	--	--	--

Analysis Report QC Standard 12/19/05 12:47:21 PM page 1

Method: TRACE1 Sample Name: ICSA Operator: SW
Run Time: 12/19/05 12:42:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	490.60	-.00341	.00217	.01282	.00170	488.90	.00285
SDev	2.43	.00003	.00023	.00008	.00007	3.00	.00026
%RSD	.49553	.92949	10.424	.62773	4.2492	.61442	9.2331
#1	488.88	-.00339	.00201	.01277	.00165	486.78	.00304
#2	492.32	-.00344	.00233	.01288	.00175	491.03	.00267
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value	500.00					500.00	
Range	100.00					100.00	

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00151	-.00730	-.00026	187.87	-.01707	483.30	-.00496
SDev	.00011	.00032	.00057	1.32	.00649	.62	.00004
%RSD	7.3092	4.3525	220.26	.70010	38.025	.12921	.73474
#1	.00143	-.00708	.00014	186.94	-.01248	483.74	-.00493
#2	.00159	-.00753	-.00066	188.80	-.02166	482.86	-.00498
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK	QC Pass	NOCHECK
Value				200.00		500.00	
Range				40.000		100.00	

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08932	.00089	-.02398	.01929	.00488	.00526	-.00232
SDev	.09185	.00035	.00464	.00302	.00047	.00029	.00337
%RSD	102.83	38.829	19.349	15.676	9.6621	5.5338	145.16
#1	.15427	.00114	-.02726	.02143	.00521	.00546	-.00471
#2	.02437	.00065	-.02070	.01715	.00455	.00505	.00006
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00298	.00938	.00128	-.00215	-.00018	-.00261	.00396
SDev	.00181	.00047	.00039	.00034	.00001	.00021	.00448
%RSD	60.925	5.0210	30.538	15.871	7.4286	7.9029	113.12
#1	-.00170	.00904	.00156	-.00190	-.00017	-.00276	.00714
#2	-.00426	.00971	.00101	-.00239	-.00019	-.00246	.00079
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00169	-.00057
SDev	.00045	.00068
%RSD	26.794	120.00
#1	.00201	-.00009
#2	.00137	-.00105
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5930	--	--	--	--	--	--
SDev	24.50153	--	--	--	--	--	--
%RSD	.4131565	--	--	--	--	--	--
#1	5948	--	--	--	--	--	--
#2	5913	--	--	--	--	--	--

Analysis Report QC Standard 12/19/05 12:52:12 PM page 1

Method: TRACE1 Sample Name: ICSAB Operator: SW
Run Time: 12/19/05 12:47:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	497.47	.10171	.00123	.52212	.49367	495.14	.92283
SDev	3.79	.00135	.00058	.00464	.00135	3.08	.01056
%RSD	.76149	1.3225	47.251	.88958	.27334	.62153	1.1446
#1	494.80	.10076	.00082	.51884	.49463	492.96	.91536
#2	500.15	.10266	.00164	.52541	.49272	497.31	.93030
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45759	.47308	.51428	94.304	-.00750	485.71	.48024
SDev	.00242	.00227	.00132	.588	.02940	1.25	.00211
%RSD	.52983	.47936	.25644	.62403	392.00	.25652	.43928
#1	.45588	.47148	.51521	93.888	.01329	486.59	.48173
#2	.45931	.47469	.51334	94.720	-.02829	484.83	.47875
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.26766	.93237	.02549	.06337	.05076	.04949	.61991
SDev	.19118	.00064	.00363	.00445	.00176	.00062	.00021
%RSD	71.428	.06907	14.224	7.0178	3.4650	1.2453	.03376
#1	.40284	.93192	.02806	.06023	.04951	.04906	.62006
#2	.13247	.93283	.02293	.06652	.05200	.04993	.61976
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value		1.0000			.05000	.05000	.60000
Range		.20000			.01000	.01000	.12000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04329	.05260	.00116	.09372	.49086	.92809	.00275
SDev	.00307	.00061	.00022	.00183	.00393	.00214	.00014
%RSD	7.1018	1.1644	18.951	1.9558	.80115	.23088	4.9990
#1	.04111	.05303	.00132	.09242	.48808	.92960	.00285
#2	.04546	.05217	.00101	.09501	.49364	.92657	.00266
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK
Value				.10000	.50000	1.0000	
Range				.02000	.10000	.20000	

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.21728	-.00132
SDev	.00014	.00103
%RSD	.06227	77.909
#1	.21737	-.00059
#2	.21718	-.00205
Errors	QC Pass	NOCHECK
Value	.20000	
Range	.04000	

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5921	--	--	--	--	--	--
SDev	30.65280	--	--	--	--	--	--
%RSD	.5177335	--	--	--	--	--	--
#1	5942	--	--	--	--	--	--
#2	5899	--	--	--	--	--	--

Analysis Report QC Standard 12/19/05 12:58:22 PM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 12/19/05 12:53:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.295	.49285	.47460	.49664	.50146	25.293	.48592
SDev	.231	.00177	.00463	.00444	.00032	.186	.00633
%RSD	.91234	.35811	.97623	.89442	.06383	.73563	1.3033
#1	25.131	.49410	.47133	.49350	.50124	25.162	.48144
#2	25.458	.49160	.47788	.49978	.50169	25.425	.49040
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49281	.49659	.52145	24.967	24.862	24.801	.50369
SDev	.00350	.00430	.00074	.209	.566	.005	.00121
%RSD	.71039	.86665	.14119	.83600	2.2781	.02014	.24118
#1	.49034	.49355	.52197	24.820	24.462	24.804	.50455
#2	.49529	.49964	.52093	25.115	25.263	24.797	.50283
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.056	.49957	.50156	.49538	.49744	.50269	.49113
SDev	.132	.00109	.00288	.00313	.00305	.00033	.00185
%RSD	.52662	.21747	.57439	.63178	.61251	.06623	.37602
#1	25.150	.49880	.49952	.49317	.49528	.50292	.48982
#2	24.963	.50034	.50359	.49760	.49959	.50245	.49243
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50382	.50213	.50072	.50081	.49747	.48931	.51700
SDev	.00052	.00024	.00035	.00800	.00412	.00038	.00192
%RSD	.10224	.04817	.06952	1.5974	.82847	.07781	.37103
#1	.50419	.50230	.50048	.49516	.49455	.48904	.51565
#2	.50346	.50195	.50097	.50647	.50038	.48958	.51836
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.49244	.51907
SDev	.00094	.00460
%RSD	.19160	.88636
#1	.49177	.51582
#2	.49311	.52233
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6431	--	--	--	--	--	--
SDev	25.66784	--	--	--	--	--	--
%RSD	.3991018	--	--	--	--	--	--
#1	6450	--	--	--	--	--	--
#2	6413	--	--	--	--	--	--

Analysis Report Blank Sample 12/19/05 01:03:14 PM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 12/19/05 12:58:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01219	.00053	.00079	.00003	-.00002	.01377	.00005
SDev	.01335	.00006	.00023	.00006	.00006	.00587	.00001
%RSD	109.54	11.539	29.534	197.31	263.83	42.643	24.100
#1	.00275	.00057	.00063	-.00001	-.00006	.00962	.00006
#2	.02163	.00049	.00096	.00008	.00002	.01792	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00028	-.00042	.00016	.00382	.00716	.01159	-.00003
SDev	.00001	.00014	.00069	.00065	.02811	.00552	.00005
%RSD	3.1617	33.606	438.01	17.055	392.67	47.617	156.53
#1	.00028	-.00052	.00065	.00428	.02703	.00769	.00000
#2	.00029	-.00032	-.00033	.00336	-.01272	.01550	-.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13728	.00037	-.00120	.00139	.00053	-.00112	-.00078
SDev	.08405	.00067	.00019	.00068	.00052	.00107	.00048
%RSD	61.225	178.28	15.833	49.159	98.423	95.184	61.321
#1	.19671	.00084	-.00133	.00090	.00016	-.00188	-.00044
#2	.07785	-.00010	-.00106	.00187	.00089	-.00037	-.00111
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00295	-.00021	.00040	-.00006	.00021	.00011	.00052
SDev	.00181	.00251	.00035	.00113	.00011	.00009	.00153
%RSD	61.596	1186.7	87.734	1780.2	48.969	87.883	294.03
#1	-.00166	-.00199	.00065	.00073	.00029	.00004	.00160
#2	-.00423	.00156	.00015	-.00086	.00014	.00017	-.00056
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00068	.00138
SDev	.00029	.00119
%RSD	43.434	85.885
#1	.00088	.00222
#2	.00047	.00054
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6427	--	--	--	--	--	--
SDev	28.95616	--	--	--	--	--	--
%RSD	.4505095	--	--	--	--	--	--
#1	6448	--	--	--	--	--	--
#2	6407	--	--	--	--	--	--

Analysis Report 12/19/05 01:08:05 PM page 1

Method: TRACE1 Sample Name: AD570463 Operator: SW
Run Time: 12/19/05 13:03:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02774	.00127	.59812	.08793	.00005	54.990	.00884
SDev	.00942	.00120	.00634	.00067	.00008	.360	.00018
%RSD	33.941	94.956	1.0608	.76191	181.04	.65539	2.0977
#1	.02109	.00042	.59363	.08746	-.00001	54.735	.00871
#2	.03440	.00212	.60260	.08840	.00010	55.245	.00897
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00032	.00002	.00061	.14850	1.9192	29.334	.04514
SDev	.00026	.00027	.00067	.00085	.0256	.067	.00038
%RSD	81.545	1680.7	110.10	.57316	1.3343	.22885	.84865
#1	.00014	-.00017	.00109	.14790	1.9011	29.382	.04541
#2	.00050	.00021	.00014	.14910	1.9373	29.287	.04487
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	45.045	.00264	-.00132	.00092	.00017	-.00034	-.00115
SDev	.028	.00060	.00091	.00079	.00022	.00038	.00085
%RSD	.06186	22.750	68.938	85.777	128.47	110.98	73.571
#1	45.065	.00306	-.00197	.00148	.00033	-.00007	-.00175
#2	45.025	.00221	-.00068	.00036	.00002	-.00061	-.00055
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00273	-.00188	.00053	-.00208	.00029	.03049	-.00122
SDev	.00069	.00022	.00007	.00243	.00000	.00000	.00030
%RSD	25.260	11.978	13.608	116.97	.98082	.00266	24.758
#1	.00321	-.00172	.00058	-.00036	.00029	.03049	-.00100
#2	.00224	-.00204	.00048	-.00380	.00029	.03049	-.00143
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00087	.00255
SDev	.00005	.00066
%RSD	6.1835	25.948
#1	.00091	.00208
#2	.00084	.00301
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6401	--	--	--	--	--	--
SDev	38.82044	--	--	--	--	--	--
%RSD	.6064935	--	--	--	--	--	--
#1	6428	--	--	--	--	--	--
#2	6373	--	--	--	--	--	--

Analysis Report 12/19/05 01:12:57 PM page 1

Method: TRACE1 Sample Name: A5D98001 Operator: SW
Run Time: 12/19/05 13:08:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22722	-.00220	1.0643	.31583	-.00002	106.59	.00168
SDev	.00372	.00127	.0063	.00276	.00007	.53	.00014
%RSD	1.6380	58.012	.59414	.87259	327.55	.50004	8.5533
#1	.22985	-.00130	1.0599	.31388	-.00007	106.21	.00158
#2	.22459	-.00310	1.0688	.31778	.00003	106.96	.00178
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00095	-.00039	.00017	.29431	2.6352	35.024	.03603
SDev	.00017	.00042	.00026	.00145	.0252	.089	.00017
%RSD	17.957	107.49	149.08	.49209	.95552	.25475	.48070
#1	.00083	-.00069	.00035	.29533	2.6174	35.087	.03616
#2	.00107	-.00009	-.00001	.29329	2.6530	34.960	.03591
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	119.82	.00439	-.00438	.00212	-.00004	.02415	-.00251
SDev	.44	.00027	.00030	.00043	.00039	.00611	.00155
%RSD	.36706	6.0871	6.8979	20.102	956.21	25.310	61.995
#1	120.14	.00458	-.00459	.00182	-.00031	.02847	-.00141
#2	119.51	.00420	-.00416	.00243	.00023	.01983	-.00361
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03605	.01820	.00331	-.00409	.00079	.00281	-.00371
SDev	.00033	.00901	.00097	.00030	.00010	.00007	.00015
%RSD	.90334	49.485	29.358	7.2490	12.583	2.6140	4.1819
#1	.03628	.02456	.00262	-.00430	.00086	.00286	-.00360
#2	.03582	.01183	.00400	-.00388	.00072	.00276	-.00381
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00132	.00043
SDev	.00002	.00031
%RSD	1.3679	71.198
#1	.00133	.00021
#2	.00131	.00065
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6557	--	--	--	--	--	--
SDev	39.24443	--	--	--	--	--	--
%RSD	.5985575	--	--	--	--	--	--
#1	6584	--	--	--	--	--	--
#2	6529	--	--	--	--	--	--

Analysis Report 12/19/05 01:17:48 PM page 1

Method: TRACE1 Sample Name: AD570203 Operator: SW
Run Time: 12/19/05 13:13:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02066	.04264	.00986	.05098	.00009	65.180	.00026
SDev	.00648	.00070	.00084	.00036	.00007	.405	.00000
%RSD	31.345	1.6458	8.5308	.70777	81.517	.62183	1.6953
#1	.01608	.04214	.01046	.05072	.00004	64.893	.00026
#2	.02525	.04313	.00927	.05123	.00014	65.466	.00026
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00395	-.00068	.00026	35.176	6.1812	17.176	1.9108
SDev	.00004	.00030	.00059	.183	.0917	.038	.0075
%RSD	1.0298	43.697	224.31	.52132	1.4838	.22276	.39214
#1	.00392	-.00088	.00068	35.046	6.1164	17.203	1.9161
#2	.00398	-.00047	-.00015	35.305	6.2461	17.149	1.9055
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.798	.00356	-.00017	.00147	.00092	.00516	-.00143
SDev	.012	.00003	.00027	.00014	.00000	.00043	.00035
%RSD	.04860	.72362	155.54	9.5399	.45753	8.3964	24.522
#1	24.806	.00358	-.00036	.00157	.00093	.00547	-.00167
#2	24.789	.00354	.00002	.00137	.00092	.00486	-.00118
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00605	.00472	.00016	-.00223	-.00022	.00694	-.00146
SDev	.00550	.00210	.00004	.00120	.00011	.00011	.00170
%RSD	90.919	44.491	24.991	53.736	50.189	1.6385	116.93
#1	.00994	.00324	.00013	-.00308	-.00014	.00686	-.00025
#2	.00216	.00620	.00018	-.00138	-.00030	.00702	-.00266
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00093	.00125
SDev	.00026	.00044
%RSD	28.490	35.558
#1	.00112	.00156
#2	.00074	.00093
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6387	--	--	--	--	--	--
SDev	15.80391	--	--	--	--	--	--
%RSD	.2474473	--	--	--	--	--	--
#1	6398	--	--	--	--	--	--
#2	6376	--	--	--	--	--	--

Analysis Report 12/19/05 01:22:39 PM page 1

Method: TRACE1 Sample Name: A5D93601 Operator: SW
Run Time: 12/19/05 13:17:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02819	.03979	.00922	.05186	-.00000	67.352	.00019
SDev	.00699	.00072	.00038	.00060	.00006	.496	.00015
%RSD	24.786	1.8229	4.0968	1.1549	3142.3	.73602	78.125
#1	.02325	.04030	.00949	.05144	-.00005	67.002	.00008
#2	.03313	.03928	.00895	.05229	.00004	67.703	.00029
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00463	-.00149	.00051	36.224	7.1178	17.864	1.9601
SDev	.00045	.00015	.00034	.242	.1502	.028	.0038
%RSD	9.7332	10.003	66.228	.66901	2.1100	.15565	.19264
#1	.00431	-.00160	.00075	36.052	7.0116	17.883	1.9627
#2	.00495	-.00139	.00027	36.395	7.2240	17.844	1.9574
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	26.380	.00497	-.00423	.00295	.00056	.00964	-.00199
SDev	.026	.00052	.00196	.00198	.00067	.00049	.00069
%RSD	.09671	10.442	46.386	67.326	120.32	5.0498	34.563
#1	26.398	.00460	-.00284	.00154	.00008	.00930	-.00248
#2	26.362	.00534	-.00562	.00435	.00103	.00999	-.00151
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01992	.00450	.00032	-.00224	.00010	.00841	-.00210
SDev	.00494	.00320	.00012	.00023	.00021	.00013	.00046
%RSD	24.801	71.067	35.869	10.191	207.53	1.5666	21.795
#1	.02342	.00224	.00024	-.00208	-.00005	.00850	-.00242
#2	.01643	.00677	.00040	-.00240	.00025	.00831	-.00178
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00127	.00133
SDev	.00042	.00062
%RSD	33.017	46.133
#1	.00098	.00177
#2	.00157	.00090
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6569	--	--	--	--	--	--
SDev	37.75978	--	--	--	--	--	--
%RSD	.5748352	--	--	--	--	--	--
#1	6596	--	--	--	--	--	--
#2	6542	--	--	--	--	--	--

Analysis Report 12/19/05 01:27:30 PM page 1

Method: TRACE1 Sample Name: AD570207 Operator: SW
Run Time: 12/19/05 13:22:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02033	.04106	.01054	.03506	.00013	68.535	.00011
SDev	.00996	.00050	.00031	.00029	.00006	.450	.00004
%RSD	48.970	1.2102	2.9602	.83196	43.387	.65652	32.674
#1	.01329	.04141	.01076	.03485	.00009	68.217	.00013
#2	.02737	.04071	.01032	.03527	.00017	68.853	.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00442	-.00092	.00031	10.713	9.3000	13.866	2.3551
SDev	.00070	.00002	.00015	.025	.1449	.035	.0077
%RSD	15.916	1.9527	49.110	.23139	1.5586	.24941	.32867
#1	.00393	-.00093	.00020	10.696	9.1975	13.891	2.3606
#2	.00492	-.00091	.00042	10.731	9.4025	13.842	2.3497
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	37.975	.00495	-.00134	.00050	-.00011	.00291	-.00300
SDev	.097	.00003	.00240	.00034	.00103	.00332	.00044
%RSD	.25615	.64699	178.42	68.811	902.24	113.88	14.811
#1	38.043	.00498	.00035	.00074	.00061	.00057	-.00332
#2	37.906	.00493	-.00304	.00026	-.00084	.00526	-.00269
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00255	.00310	.00041	-.00129	.00141	.00295	-.00071
SDev	.00149	.00423	.00015	.00029	.00044	.00046	.00015
%RSD	58.425	136.69	36.789	22.230	31.300	15.568	21.008
#1	.00149	.00010	.00031	-.00109	.00110	.00328	-.00060
#2	.00360	.00609	.00052	-.00149	.00172	.00263	-.00081
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00097	.00883
SDev	.00019	.00101
%RSD	19.953	11.416
#1	.00084	.00954
#2	.00111	.00812
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6330	--	--	--	--	--	--
SDev	25.56184	--	--	--	--	--	--
%RSD	.4038062	--	--	--	--	--	--
#1	6348	--	--	--	--	--	--
#2	6312	--	--	--	--	--	--

Analysis Report 12/19/05 01:32:20 PM page 1

Method: TRACE1 Sample Name: A5D93605 Operator: SW
Run Time: 12/19/05 13:27:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02388	.04228	.01056	.03488	-.00005	69.117	.00005
SDev	.00028	.00020	.00108	.00023	.00002	.306	.00012
%RSD	1.1535	.47813	10.258	.64976	30.793	.44205	258.12
#1	.02369	.04242	.01132	.03472	-.00006	68.901	-.00004
#2	.02408	.04213	.00979	.03504	-.00004	69.333	.00013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00468	-.00132	.00010	10.776	10.339	14.121	2.3673
SDev	.00028	.00014	.00026	.030	.101	.004	.0029
%RSD	5.9948	10.279	252.30	.28302	.97284	.02615	.12362
#1	.00488	-.00122	.00028	10.754	10.268	14.118	2.3652
#2	.00448	-.00141	-.00008	10.797	10.410	14.123	2.3694
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	39.322	.00555	-.00376	.00302	.00076	.00595	-.00352
SDev	.142	.00013	.00270	.00008	.00095	.00215	.00030
%RSD	.36006	2.3981	71.842	2.6388	125.84	36.094	8.5465
#1	39.222	.00546	-.00568	.00296	.00008	.00747	-.00374
#2	39.422	.00565	-.00185	.00307	.00143	.00443	-.00331
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01370	.00208	.00016	.00100	.00112	.00247	-.00238
SDev	.00013	.00316	.00006	.00011	.00010	.00028	.00060
%RSD	.96075	151.76	39.150	11.152	9.1031	11.281	25.394
#1	.01379	.00431	.00021	.00092	.00119	.00227	-.00195
#2	.01361	-.00015	.00012	.00108	.00105	.00267	-.00281
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00111	.00919
SDev	.00040	.00047
%RSD	36.339	5.0774
#1	.00140	.00952
#2	.00083	.00886
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6566	--	--	--	--	--	--
SDev	15.48592	--	--	--	--	--	--
%RSD	.2358572	--	--	--	--	--	--
#1	6577	--	--	--	--	--	--
#2	6555	--	--	--	--	--	--

Analysis Report 12/19/05 01:37:11 PM page 1

Method: TRACE1 Sample Name: AD570209 Operator: SW
Run Time: 12/19/05 13:32:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02566	.00034	.16299	.06932	.00014	70.523	.00004
SDev	.00945	.00084	.00222	.00052	.00004	.419	.00002
%RSD	36.822	244.52	1.3651	.74352	25.533	.59360	54.797
#1	.01898	-.00025	.16141	.06896	.00012	70.227	.00006
#2	.03234	.00094	.16456	.06969	.00017	70.819	.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00077	-.00025	.00819	.01816	20.945	9.9195	.00774
SDev	.00027	.00020	.00071	.00526	.374	.0206	.00002
%RSD	34.732	78.436	8.6631	28.966	1.7849	.20753	.22953
#1	.00058	-.00039	.00869	.01444	20.681	9.9340	.00772
#2	.00096	-.00011	.00769	.02188	21.209	9.9049	.00775
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	33.211	.00174	-.00183	.00172	.00054	.00042	.00048
SDev	.000	.00012	.00147	.00017	.00060	.00133	.00267
%RSD	.00054	6.6055	80.645	9.7902	111.59	313.72	552.65
#1	33.211	.00166	-.00079	.00184	.00097	.00136	.00237
#2	33.211	.00182	-.00287	.00160	.00011	-.00051	-.00141
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00077	.00102	.00059	-.00057	.00045	.00291	.00024
SDev	.00221	.00088	.00032	.00064	.00000	.00048	.00110
%RSD	285.83	86.520	54.562	112.10	.30304	16.434	455.42
#1	.00079	.00164	.00082	-.00102	.00045	.00257	-.00054
#2	-.00234	.00040	.00036	-.00012	.00045	.00325	.00102
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00148	.00534
SDev	.00015	.00061
%RSD	9.9068	11.363
#1	.00159	.00577
#2	.00138	.00491
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6331	--	--	--	--	--	--
SDev	14.10692	--	--	--	--	--	--
%RSD	.2228343	--	--	--	--	--	--
#1	6341	--	--	--	--	--	--
#2	6321	--	--	--	--	--	--

Analysis Report 12/19/05 01:42:02 PM page 1

Method: TRACE1 Sample Name: A5D93607 Operator: SW
Run Time: 12/19/05 13:37:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02401	-.00061	.17196	.06990	.00008	72.019	.00001
SDev	.00092	.00141	.00143	.00059	.00001	.466	.00005
%RSD	3.8105	232.57	.83400	.83659	13.800	.64678	380.07
#1	.02336	.00039	.17094	.06949	.00007	71.689	-.00002
#2	.02466	-.00161	.17297	.07032	.00009	72.348	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00100	-.00058	.00843	.01609	23.417	10.236	.00804
SDev	.00019	.00022	.00015	.00905	.227	.018	.00005
%RSD	18.665	38.358	1.7792	56.265	.96746	.18055	.58572
#1	.00087	-.00074	.00854	.00969	23.257	10.223	.00808
#2	.00113	-.00042	.00833	.02249	23.577	10.249	.00801
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	34.850	.00191	-.00390	.00158	-.00025	.00442	.00211
SDev	.015	.00006	.00239	.00071	.00033	.00015	.00071
%RSD	.04306	2.9306	61.308	44.637	132.87	3.4693	33.768
#1	34.861	.00187	-.00559	.00208	-.00048	.00431	.00160
#2	34.840	.00195	-.00221	.00108	-.00001	.00453	.00261
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01523	-.00098	.00018	.00072	.00006	.00148	-.00351
SDev	.00446	.00200	.00013	.00067	.00011	.00001	.00231
%RSD	29.282	203.71	73.454	92.644	168.82	.31704	65.743
#1	.01208	.00043	.00009	.00025	-.00001	.00148	-.00515
#2	.01838	-.00240	.00028	.00120	.00014	.00148	-.00188
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00137	.00546
SDev	.00035	.00027
%RSD	25.380	4.8820
#1	.00113	.00527
#2	.00162	.00564
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6443	--	--	--	--	--	--
SDev	17.81923	--	--	--	--	--	--
%RSD	.2765823	--	--	--	--	--	--
#1	6455	--	--	--	--	--	--
#2	6430	--	--	--	--	--	--

Analysis Report 12/19/05 01:46:53 PM page 1

Method: TRACE1 Sample Name: AD571550/(1:50) Operator: SW
Run Time: 12/19/05 13:42:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08143	-.00068	.04814	.13399	.00006	7.6110	.00019
SDev	.00263	.00168	.00032	.00054	.00000	.0056	.00009
%RSD	3.2286	246.71	.67582	.40236	2.5101	.07299	48.223
#1	.08329	-.00187	.04791	.13437	.00006	7.6071	.00012
#2	.07957	.00051	.04837	.13361	.00005	7.6149	.00025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00028	-.00006	.00222	.06598	.84371	.39000	.00266
SDev	.00024	.00014	.00005	.00069	.01735	.00060	.00000
%RSD	86.789	252.15	2.0685	1.0477	2.0562	.15505	.09561
#1	.00011	.00004	.00219	.06549	.85597	.38957	.00266
#2	.00045	-.00015	.00225	.06647	.83144	.39043	.00266
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.812	.00081	.00159	.00220	.00200	.00050	-.00406
SDev	.026	.00005	.00012	.00050	.00029	.00110	.00151
%RSD	.05197	5.5204	7.2494	22.546	14.652	218.05	37.291
#1	50.793	.00084	.00167	.00185	.00179	-.00027	-.00299
#2	50.830	.00078	.00151	.00255	.00220	.00128	-.00513
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00206	.00178	.00102	-.00249	.00022	.00896	.00190
SDev	.00271	.00300	.00007	.00077	.00011	.00018	.00032
%RSD	131.76	168.25	7.0788	30.842	49.567	2.0111	16.674
#1	-.00014	-.00034	.00107	-.00303	.00029	.00909	.00168
#2	-.00398	.00391	.00097	-.00195	.00014	.00884	.00213
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00119	.00058
SDev	.00008	.00132
%RSD	6.6122	229.76
#1	.00114	.00151
#2	.00125	-.00036
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6336	--	--	--	--	--	--
SDev	5.621292	--	--	--	--	--	--
%RSD	.0887251	--	--	--	--	--	--
#1	6340	--	--	--	--	--	--
#2	6332	--	--	--	--	--	--

Analysis Report 12/19/05 01:51:44 PM page 1

Method: TRACE1 Sample Name: AD571403/(1:50) Operator: SW
Run Time: 12/19/05 13:46:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02369	.00028	.10004	.00088	.00027	44.556	.00022
SDev	.00247	.00042	.00039	.00002	.00002	.017	.00011
%RSD	10.432	152.18	.38595	1.6566	7.1180	.03795	49.972
#1	.02194	-.00002	.09977	.00089	.00028	44.544	.00030
#2	.02543	.00058	.10032	.00087	.00025	44.567	.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00038	-.00028	.00087	.01511	3.9945	29.530	.00074
SDev	.00030	.00006	.00029	.00334	.0262	.001	.00007
%RSD	80.907	20.950	33.455	22.121	.65642	.00374	9.9430
#1	.00059	-.00024	.00108	.01275	4.0130	29.529	.00080
#2	.00016	-.00032	.00067	.01747	3.9760	29.531	.00069
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	268.32	.00088	.00013	.00073	.00053	-.00088	-.00049
SDev	.63	.00003	.00293	.00023	.00082	.00076	.00217
%RSD	.23339	3.0847	2274.1	32.241	154.40	87.320	442.45
#1	268.76	.00090	.00220	.00056	.00111	-.00142	-.00203
#2	267.88	.00086	-.00194	.00090	-.00005	-.00034	.00104
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00154	-.00208	.00065	.00094	.00015	.00092	-.00073
SDev	.00198	.00214	.00006	.00271	.00000	.00028	.00095
%RSD	128.87	102.65	8.7193	289.88	.48274	30.863	131.29
#1	.00294	-.00359	.00061	.00285	.00015	.00072	-.00140
#2	.00014	-.00057	.00069	-.00098	.00015	.00113	-.00005
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00177	-.00023
SDev	.00051	.00075
%RSD	28.501	318.22
#1	.00141	.00029
#2	.00213	-.00076
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6233	--	--	--	--	--	--
SDev	10.81860	--	--	--	--	--	--
%RSD	.1735752	--	--	--	--	--	--
#1	6225	--	--	--	--	--	--
#2	6240	--	--	--	--	--	--

Analysis Report QC Standard 12/19/05 01:57:55 PM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 12/19/05 13:53:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.438	.49371	.47460	.49510	.50114	25.299	.48632
SDev	.007	.00119	.00019	.00041	.00060	.033	.00092
%RSD	.02890	.24133	.04104	.08330	.12048	.13005	.18964
#1	25.433	.49455	.47474	.49481	.50157	25.276	.48567
#2	25.443	.49287	.47447	.49539	.50071	25.322	.48698
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49150	.49486	.52202	25.005	24.599	24.985	.50334
SDev	.00009	.00059	.00086	.018	.067	.049	.00007
%RSD	.01899	.11864	.16491	.07020	.27133	.19618	.01389
#1	.49157	.49444	.52263	24.993	24.552	25.020	.50339
#2	.49143	.49527	.52141	25.018	24.646	24.951	.50329
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.117	.50201	.50004	.49400	.49601	.50420	.49043
SDev	.021	.00020	.00119	.00110	.00113	.00527	.00266
%RSD	.08549	.04086	.23875	.22180	.22749	1.0446	.54265
#1	25.132	.50215	.49919	.49322	.49521	.50047	.49231
#2	25.101	.50186	.50088	.49477	.49681	.50792	.48855
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50349	.50456	.50328	.50680	.49434	.48582	.50890
SDev	.00223	.00678	.00017	.00233	.00090	.00127	.00061
%RSD	.44361	1.3444	.03467	.45923	.18125	.26098	.12052
#1	.50191	.49976	.50315	.50515	.49371	.48671	.50847
#2	.50507	.50935	.50340	.50844	.49498	.48492	.50934
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.49300	.51063
SDev	.00041	.00233
%RSD	.08231	.45698
#1	.49271	.50898
#2	.49328	.51228
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6363	--	--	--	--	--	--
SDev	1.802984	--	--	--	--	--	--
%RSD	.0283358	--	--	--	--	--	--
#1	6364	--	--	--	--	--	--
#2	6362	--	--	--	--	--	--

Analysis Report Blank Sample 12/19/05 02:02:46 PM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 12/19/05 13:57:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02439	.00122	.00014	-.00005	.00008	.01469	.00007
SDev	.00151	.00027	.00007	.00002	.00001	.00082	.00005
%RSD	6.1893	21.946	50.296	54.069	6.3934	5.5849	64.278
#1	.02545	.00141	.00019	-.00003	.00007	.01527	.00010
#2	.02332	.00103	.00009	-.00006	.00008	.01411	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	-.00038	.00005	-.00352	.00438	.01205	.00002
SDev	.00018	.00044	.00020	.00457	.00555	.00051	.00002
%RSD	2078.2	117.93	380.68	129.77	126.59	4.2341	109.28
#1	-.00013	-.00006	.00019	-.00029	.00831	.01169	.00004
#2	.00012	-.00069	-.00009	-.00676	.00046	.01241	.00000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14492	.00084	.00080	.00105	.00096	.00110	-.00258
SDev	.02350	.00019	.00293	.00039	.00123	.00190	.00216
%RSD	16.219	22.334	366.21	37.404	128.17	172.77	83.766
#1	.16154	.00097	.00287	.00132	.00184	.00244	-.00105
#2	.12830	.00071	-.00127	.00077	.00009	-.00024	-.00410
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00345	-.00007	.00016	-.00121	-.00024	.00011	.00010
SDev	.00307	.00131	.00004	.00080	.00032	.00009	.00031
%RSD	89.228	1780.1	25.406	66.327	135.00	87.094	302.54
#1	.00562	.00085	.00013	-.00178	-.00001	.00017	-.00012
#2	.00127	-.00100	.00018	-.00064	-.00047	.00004	.00032
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00099	.00051
SDev	.00020	.00156
%RSD	20.600	309.64
#1	.00114	.00161
#2	.00085	-.00060
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6390	--	--	--	--	--	--
SDev	4.666628	--	--	--	--	--	--
%RSD	.0730353	--	--	--	--	--	--
#1	6393	--	--	--	--	--	--
#2	6386	--	--	--	--	--	--

Analysis Report 12/19/05 02:07:37 PM page 1

Method: TRACE1 Sample Name: AD571735/(1:10) Operator: SW
Run Time: 12/19/05 14:02:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02602	.00113	.16307	.05066	.00010	16.251	.00016
SDev	.00035	.00004	.00068	.00009	.00000	.027	.00016
%RSD	1.3477	3.1601	.41681	.17763	.52096	.16477	101.94
#1	.02627	.00110	.16355	.05072	.00010	16.232	.00028
#2	.02577	.00115	.16259	.05060	.00010	16.270	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00141	-.00045	.00105	.45045	.59358	8.1763	1.3629
SDev	.00020	.00036	.00013	.00292	.00692	.0029	.0013
%RSD	14.041	80.165	12.751	.64794	1.1652	.03537	.09194
#1	.00155	-.00071	.00095	.44838	.58869	8.1743	1.3620
#2	.00127	-.00020	.00114	.45251	.59847	8.1784	1.3638
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.826	.00387	.00038	.00173	.00128	-.00048	-.00140
SDev	.038	.00039	.00155	.00013	.00043	.00181	.00031
%RSD	.15345	10.113	411.65	7.6138	33.594	378.62	21.982
#1	24.799	.00360	-.00072	.00182	.00097	-.00176	-.00161
#2	24.853	.00415	.00148	.00164	.00158	.00080	-.00118
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00117	-.00130	.00070	-.00096	.00021	.00376	.00023
SDev	.00326	.00108	.00006	.00296	.00011	.00001	.00077
%RSD	278.85	83.093	9.1427	306.67	51.931	.22196	337.33
#1	-.00114	-.00207	.00066	-.00306	.00028	.00376	.00078
#2	.00348	-.00054	.00075	.00113	.00013	.00377	-.00032
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00105	.00100
SDev	.00019	.00129
%RSD	17.950	128.56
#1	.00091	.00191
#2	.00118	.00009
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6371	--	--	--	--	--	--
SDev	13.47059	--	--	--	--	--	--
%RSD	.2114452	--	--	--	--	--	--
#1	6380	--	--	--	--	--	--
#2	6361	--	--	--	--	--	--

Analysis Report 12/19/05 02:12:29 PM page 1

Method: TRACE1 Sample Name: AD571739/(1:10) Operator: SW
Run Time: 12/19/05 14:07:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02304	.00264	.03462	.17159	.00011	17.242	.00021
SDev	.00125	.00195	.00042	.00027	.00002	.020	.00001
%RSD	5.4332	74.082	1.2167	.15692	13.719	.11715	2.4938
#1	.02216	.00126	.03432	.17140	.00010	17.228	.00020
#2	.02393	.00402	.03492	.17178	.00012	17.256	.00021
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00236	-.00035	.00006	.89064	.44510	6.8969	1.1685
SDev	.00010	.00015	.00059	.00114	.00369	.0036	.0005
%RSD	4.1548	44.396	1007.3	.12799	.82882	.05168	.04127
#1	.00242	-.00046	-.00036	.88983	.44771	6.8994	1.1681
#2	.00229	-.00024	.00048	.89145	.44249	6.8943	1.1688
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.2298	.00320	-.00068	.00159	.00084	.00131	-.00154
SDev	.0382	.00033	.00065	.00040	.00005	.00008	.00013
%RSD	.52837	10.361	95.936	25.253	6.0952	6.1640	8.6948
#1	7.2568	.00297	-.00114	.00188	.00087	.00126	-.00144
#2	7.2028	.00344	-.00022	.00131	.00080	.00137	-.00163
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00073	.00161	.00046	.00089	-.00003	.00271	.00034
SDev	.00198	.00087	.00020	.00238	.00043	.00019	.00032
%RSD	272.84	54.102	43.349	268.67	1299.2	7.0292	92.356
#1	-.00068	.00222	.00032	-.00080	-.00034	.00258	.00012
#2	.00213	.00099	.00060	.00257	.00027	.00285	.00056
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00119	.00090
SDev	.00011	.00022
%RSD	9.2249	24.759
#1	.00111	.00105
#2	.00126	.00074
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6381	--	--	--	--	--	--
SDev	8.167291	--	--	--	--	--	--
%RSD	.1280014	--	--	--	--	--	--
#1	6386	--	--	--	--	--	--
#2	6375	--	--	--	--	--	--

Analysis Report 12/19/05 02:17:21 PM page 1

Method: TRACE1 Sample Name: AD571741/(1:10) Operator: SW
Run Time: 12/19/05 14:12:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02263	.00082	.06476	.28789	.00011	29.329	-.00001
SDev	.00035	.00192	.00025	.00016	.00004	.012	.00014
%RSD	1.5342	234.59	.38976	.05458	31.106	.03978	1561.0
#1	.02239	.00217	.06494	.28800	.00014	29.337	.00009
#2	.02288	-.00054	.06458	.28778	.00009	29.321	-.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00043	-.00062	.00026	.08414	.28679	5.8911	1.4584
SDev	.00007	.00027	.00004	.00439	.00807	.0071	.0007
%RSD	15.797	42.902	17.105	5.2208	2.8137	.12053	.04639
#1	.00038	-.00043	.00029	.08103	.28109	5.8961	1.4589
#2	.00047	-.00081	.00023	.08724	.29250	5.8860	1.4579
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.8649	.00508	-.00070	.00191	.00104	.00048	.00063
SDev	.0858	.00001	.00048	.00033	.00038	.00328	.00359
%RSD	.86927	.16769	69.053	17.467	36.895	677.74	573.82
#1	9.9255	.00507	-.00036	.00215	.00131	.00281	.00317
#2	9.8043	.00508	-.00104	.00167	.00077	-.00184	-.00191
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00023	.00061	.00043	-.00061	-.00001	.00832	.00067
SDev	.00208	.00388	.00002	.00093	.00043	.00011	.00079
%RSD	908.32	634.56	5.7011	152.04	3299.1	1.3406	117.91
#1	.00170	.00336	.00041	-.00127	-.00032	.00840	.00122
#2	-.00124	-.00213	.00044	.00005	.00029	.00824	.00011
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00134	.00093
SDev	.00040	.00056
%RSD	29.663	59.876
#1	.00106	.00054
#2	.00162	.00133
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6367	--	--	--	--	--	--
SDev	13.57624	--	--	--	--	--	--
%RSD	.2132165	--	--	--	--	--	--
#1	6358	--	--	--	--	--	--
#2	6377	--	--	--	--	--	--

Analysis Report 12/19/05 02:22:12 PM page 1

Method: TRACE1 Sample Name: AD571745/(1:10) Operator: SW
Run Time: 12/19/05 14:17:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01709	.00031	.14980	.05083	.00010	16.217	-.00000
SDev	.00098	.00155	.00090	.00003	.00002	.011	.00007
%RSD	5.7090	505.33	.60303	.04838	17.478	.06643	5137.0
#1	.01779	-.00079	.14917	.05081	.00009	16.209	.00005
#2	.01640	.00141	.15044	.05084	.00011	16.224	-.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00153	-.00045	-.00013	.43734	.58266	8.1925	1.3675
SDev	.00012	.00021	.00026	.00215	.00178	.0215	.0020
%RSD	7.9567	46.597	200.80	.49181	.30516	.26265	.14977
#1	.00144	-.00060	-.00032	.43582	.58140	8.1773	1.3661
#2	.00161	-.00030	.00005	.43886	.58392	8.2077	1.3690
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.025	.00356	.00008	.00063	.00044	.00051	-.00062
SDev	.036	.00003	.00159	.00064	.00010	.00252	.00035
%RSD	.14273	.78498	1990.9	102.75	22.286	489.49	56.826
#1	25.000	.00358	.00120	.00017	.00051	-.00127	-.00087
#2	25.050	.00354	-.00104	.00108	.00037	.00230	-.00037
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00046	.00100	.00039	-.00221	-.00002	.00098	.00022
SDev	.00501	.00127	.00007	.00110	.00000	.00000	.00016
%RSD	1093.3	127.06	18.270	49.796	.17292	.06698	70.863
#1	-.00400	.00010	.00034	-.00143	-.00002	.00098	.00011
#2	.00309	.00190	.00044	-.00298	-.00002	.00098	.00033
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00118	.00033
SDev	.00016	.00022
%RSD	13.899	68.315
#1	.00106	.00048
#2	.00130	.00017
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6387	--	--	--	--	--	--
SDev	3.075638	--	--	--	--	--	--
%RSD	.0481552	--	--	--	--	--	--
#1	6389	--	--	--	--	--	--
#2	6385	--	--	--	--	--	--

Analysis Report 12/19/05 02:27:03 PM page 1

Method: TRACE1 Sample Name: AD571838/(1:10) Operator: SW
Run Time: 12/19/05 14:22:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01900	.00079	.03843	.03391	.00012	.76874	.00003
SDev	.00045	.00001	.00042	.00003	.00002	.00037	.00005
%RSD	2.3795	1.6611	1.0810	.07965	14.011	.04816	137.39
#1	.01932	.00080	.03872	.03389	.00013	.76900	.00000
#2	.01868	.00078	.03813	.03393	.00010	.76847	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	-.00029	.00047	-.01006	.21924	.30660	.00106
SDev	.00014	.00039	.00018	.00200	.01146	.00418	.00003
%RSD	581.69	134.24	37.456	19.867	5.2252	1.3646	2.3931
#1	.00013	-.00001	.00060	-.01148	.22734	.30956	.00108
#2	-.00008	-.00057	.00035	-.00865	.21114	.30365	.00104
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	80.427	.00063	.00122	-.00007	.00036	.00008	.00019
SDev	.189	.00045	.00124	.00050	.00008	.00084	.00289
%RSD	.23551	71.214	101.41	718.70	21.283	1020.7	1483.6
#1	80.293	.00094	.00210	-.00043	.00041	.00067	.00224
#2	80.561	.00031	.00035	.00029	.00031	-.00051	-.00185
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00302	-.00139	.00036	-.00136	-.00016	.00091	-.00231
SDev	.00240	.00246	.00006	.00057	.00022	.00028	.00094
%RSD	79.608	177.10	17.761	41.787	133.20	30.961	40.647
#1	.00132	.00035	.00032	-.00177	-.00001	.00071	-.00165
#2	.00472	-.00312	.00041	-.00096	-.00032	.00110	-.00297
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00105	.00099
SDev	.00029	.00056
%RSD	28.035	56.981
#1	.00126	.00139
#2	.00084	.00059
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6347	--	--	--	--	--	--
SDev	8.803617	--	--	--	--	--	--
%RSD	.1387014	--	--	--	--	--	--
#1	6341	--	--	--	--	--	--
#2	6353	--	--	--	--	--	--

Analysis Report 12/19/05 02:31:54 PM page 1

Method: TRACE1 Sample Name: AD571846/(1:10) Operator: SW
Run Time: 12/19/05 14:27:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01786	.00091	.02683	.01602	.00014	.62938	.00007
SDev	.00383	.00104	.00009	.00008	.00002	.00465	.00003
%RSD	21.446	114.36	.31670	.50782	14.420	.73822	45.115
#1	.02056	.00165	.02677	.01607	.00013	.62609	.00009
#2	.01515	.00017	.02689	.01596	.00016	.63267	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	-.00027	.00018	.00059	.88071	.10347	.00038
SDev	.00018	.00001	.00002	.00658	.00602	.00253	.00004
%RSD	679.11	1.9666	12.810	1113.4	.68397	2.4456	11.595
#1	.00016	-.00027	.00016	-.00406	.88497	.10526	.00041
#2	-.00010	-.00026	.00019	.00524	.87645	.10168	.00035
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	66.652	.00079	-.00177	.00135	.00031	-.00207	-.00382
SDev	.191	.00046	.00091	.00061	.00071	.00054	.00242
%RSD	.28592	57.470	51.133	45.217	227.40	25.902	63.470
#1	66.517	.00047	-.00113	.00179	.00081	-.00245	-.00210
#2	66.787	.00111	-.00241	.00092	-.00019	-.00169	-.00553
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00036	-.00293	.00018	.00027	-.00024	.00091	-.00053
SDev	.00176	.00168	.00027	.00155	.00033	.00029	.00219
%RSD	482.92	57.562	146.11	568.20	136.50	31.793	409.27
#1	.00088	-.00412	.00037	-.00082	-.00047	.00071	.00101
#2	-.00161	-.00174	-.00001	.00137	-.00001	.00112	-.00208
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00102	-.00016
SDev	.00049	.00029
%RSD	48.451	179.99
#1	.00137	-.00036
#2	.00067	.00004
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6309	--	--	--	--	--	--
SDev	41.04741	--	--	--	--	--	--
%RSD	.6506090	--	--	--	--	--	--
#1	6338	--	--	--	--	--	--
#2	6280	--	--	--	--	--	--

Analysis Report 12/19/05 02:36:45 PM page 1

Method: TRACE1 Sample Name: AD571847/(1:10) Operator: SW
Run Time: 12/19/05 14:31:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01444	.00104	.02968	.02255	.00017	.48215	.00002
SDev	.00058	.00051	.00005	.00002	.00004	.00124	.00012
%RSD	4.0468	49.590	.18226	.07360	23.644	.25763	558.91
#1	.01402	.00140	.02972	.02253	.00014	.48303	-.00007
#2	.01485	.00067	.02964	.02256	.00020	.48127	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00013	-.00016	.00002	.00429	.38488	.15411	.00074
SDev	.00076	.00006	.00016	.00126	.01547	.00165	.00003
%RSD	573.87	35.449	843.77	29.393	4.0195	1.0725	3.3435
#1	-.00041	-.00020	-.00009	.00340	.37394	.15527	.00072
#2	.00067	-.00012	.00013	.00518	.39582	.15294	.00076
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	83.389	.00021	.00009	.00130	.00090	-.00004	-.00076
SDev	.218	.00048	.00049	.00102	.00052	.00039	.00072
%RSD	.26105	230.61	552.41	78.342	57.469	958.32	95.300
#1	83.235	-.00013	.00044	.00058	.00053	-.00032	-.00025
#2	83.543	.00055	-.00026	.00203	.00127	.00024	-.00127
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00027	-.00020	.00012	-.00056	-.00047	.00132	-.00163
SDev	.00221	.00169	.00029	.00019	.00022	.00028	.00095
%RSD	823.58	865.76	246.06	33.529	46.288	21.500	58.392
#1	.00183	-.00139	-.00009	-.00070	-.00063	.00153	-.00231
#2	-.00129	.00100	.00033	-.00043	-.00032	.00112	-.00096
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00020	.00065
SDev	.00010	.00068
%RSD	49.619	105.33
#1	.00013	.00017
#2	.00026	.00113
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6262	--	--	--	--	--	--
SDev	4.560977	--	--	--	--	--	--
%RSD	.0728413	--	--	--	--	--	--
#1	6265	--	--	--	--	--	--
#2	6258	--	--	--	--	--	--

Analysis Report QC Standard 12/19/05 05:26:56 PM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 12/19/05 17:22:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	26.018	.50175	.47776	.49605	.51542	25.764	.48948
SDev	.027	.00043	.00039	.00051	.00056	.026	.00167
%RSD	.10411	.08534	.08119	.10179	.10791	.10116	.34196
#1	25.999	.50145	.47804	.49570	.51581	25.746	.48830
#2	26.037	.50205	.47749	.49641	.51502	25.783	.49067
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50393	.50889	.53395	25.534	25.398	25.848	.50834
SDev	.00060	.00023	.00104	.004	.013	.006	.00042
%RSD	.11938	.04448	.19572	.01590	.05197	.02235	.08234
#1	.50436	.50873	.53469	25.537	25.407	25.852	.50804
#2	.50351	.50905	.53321	25.531	25.389	25.843	.50863
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.483	.50509	.50916	.50887	.50897	.50919	.49443
SDev	.097	.00162	.00057	.00160	.00088	.00093	.00211
%RSD	.38005	.32137	.11184	.31462	.17256	.18180	.42735
#1	25.551	.50624	.50956	.50774	.50835	.50853	.49592
#2	25.414	.50395	.50876	.51000	.50959	.50984	.49293
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50609	.51074	.50909	.50197	.50263	.50532	.53748
SDev	.00473	.00375	.00019	.00191	.00021	.00039	.00030
%RSD	.93440	.73481	.03778	.37997	.04266	.07708	.05630
#1	.50943	.50809	.50922	.50062	.50278	.50505	.53727
#2	.50274	.51340	.50895	.50332	.50248	.50560	.53769
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.50240	.53822
SDev	.00014	.00164
%RSD	.02721	.30468
#1	.50250	.53938
#2	.50230	.53706
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6148	--	--	--	--	--	--
SDev	9.439944	--	--	--	--	--	--
%RSD	.1535418	--	--	--	--	--	--
#1	6141	--	--	--	--	--	--
#2	6155	--	--	--	--	--	--

Analysis Report Blank Sample 12/19/05 05:31:48 PM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 12/19/05 17:27:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01870	.00016	.00044	-.00017	.00023	.01737	.00002
SDev	.00124	.00055	.00126	.00001	.00001	.00043	.00010
%RSD	6.6081	339.60	286.15	7.3650	4.8859	2.4523	480.74
#1	.01783	.00055	.00133	-.00018	.00022	.01767	.00009
#2	.01958	-.00023	-.00045	-.00016	.00024	.01707	-.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00016	-.00043	.00030	-.00047	-.02102	.01292	.00005
SDev	.00000	.00010	.00038	.00672	.00213	.00080	.00000
%RSD	.64790	23.338	126.41	1436.2	10.123	6.2182	.64964
#1	.00016	-.00036	.00057	.00428	-.01951	.01235	.00005
#2	.00016	-.00050	.00003	-.00522	-.02252	.01348	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05208	.00035	-.00144	.00262	.00127	-.00175	-.00266
SDev	.14196	.00008	.00220	.00114	.00003	.00183	.00146
%RSD	272.56	21.874	152.52	43.420	1.9503	104.33	54.927
#1	-.04830	.00041	-.00300	.00342	.00128	-.00305	-.00369
#2	.15246	.00030	.00011	.00181	.00125	-.00046	-.00163
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00305	-.00111	.00028	-.00088	-.00001	.00025	-.00083
SDev	.00138	.00205	.00009	.00054	.00022	.00010	.00016
%RSD	45.327	185.57	32.188	61.314	3532.2	38.651	19.050
#1	-.00402	-.00256	.00035	-.00050	.00015	.00018	-.00071
#2	-.00207	.00035	.00022	-.00127	-.00016	.00032	-.00094
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00124	.00091
SDev	.00009	.00006
%RSD	7.5432	6.6185
#1	.00117	.00087
#2	.00131	.00095
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6193	--	--	--	--	--	--
SDev	10.39426	--	--	--	--	--	--
%RSD	.1678457	--	--	--	--	--	--
#1	6200	--	--	--	--	--	--
#2	6185	--	--	--	--	--	--

Analysis Report 12/19/05 05:36:39 PM page 1

Method: TRACE1 Sample Name: AD570563/PB Operator: SW
Run Time: 12/19/05 17:31:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00483	.00105	.00133	-.00014	.00018	.01077	.00009
SDev	.00045	.00060	.00033	.00004	.00001	.00017	.00022
%RSD	9.3997	57.058	24.758	27.540	3.8452	1.5479	239.73
#1	.00451	.00148	.00110	-.00011	.00018	.01088	.00025
#2	.00515	.00063	.00156	-.00017	.00017	.01065	-.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00029	-.00067	.00065	-.00471	-.00455	.00310	.00003
SDev	.00032	.00041	.00007	.00598	.01159	.00024	.00002
%RSD	110.26	61.784	10.223	126.99	254.78	7.7409	86.572
#1	.00051	-.00096	.00061	-.00048	.00365	.00293	.00001
#2	.00006	-.00038	.00070	-.00894	-.01274	.00327	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13469	.00088	-.00132	.00179	.00075	-.00177	-.00256
SDev	.03386	.00004	.00213	.00203	.00064	.00162	.00177
%RSD	25.141	4.8757	161.67	113.33	85.236	91.960	68.847
#1	.11074	.00091	-.00282	.00322	.00121	-.00292	-.00381
#2	.15863	.00085	.00019	.00036	.00030	-.00062	-.00132
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00059	-.00295	.00034	-.00188	.00015	.00079	-.00083
SDev	.00099	.00293	.00013	.00098	.00044	.00010	.00080
%RSD	167.90	99.555	38.997	51.974	294.99	12.006	96.343
#1	.00129	-.00502	.00043	-.00119	.00046	.00072	-.00027
#2	-.00011	-.00087	.00024	-.00257	-.00016	.00086	-.00140
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00116	-.00048
SDev	.00058	.00040
%RSD	49.658	84.286
#1	.00157	-.00019
#2	.00075	-.00076
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6213	--	--	--	--	--	--
SDev	6.681952	--	--	--	--	--	--
%RSD	.1075414	--	--	--	--	--	--
#1	6209	--	--	--	--	--	--
#2	6218	--	--	--	--	--	--

Analysis Report 12/19/05 05:43:53 PM page 1

Method: TRACE1 Sample Name: AD570562/FB Operator: SW
Run Time: 12/19/05 17:39:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.4469	.19639	.18457	.18783	.19666	9.7282	.19466
SDev	.0584	.00231	.00008	.00113	.00051	.0486	.00201
%RSD	.61843	1.1774	.04403	.60358	.26013	.49975	1.0304
#1	9.4056	.19802	.18463	.18703	.19702	9.6938	.19324
#2	9.4882	.19475	.18451	.18863	.19629	9.7626	.19608
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19427	.19271	.19760	9.8593	9.6203	9.7150	.19313
SDev	.00066	.00000	.00110	.0064	.0089	.0041	.00069
%RSD	.34003	.00224	.55433	.06475	.09283	.04238	.35990
#1	.19380	.19271	.19837	9.8548	9.6266	9.7121	.19264
#2	.19474	.19271	.19682	9.8638	9.6140	9.7179	.19362
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.6616	.19587	.19670	.19943	.19852	.19689	.18856
SDev	.0239	.00059	.00036	.00091	.00049	.00145	.00185
%RSD	.24705	.30094	.18250	.45428	.24419	.73632	.98193
#1	9.6785	.19545	.19644	.20007	.19886	.19791	.18725
#2	9.6447	.19628	.19695	.19879	.19818	.19586	.18987
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	11.500	.23000			.23000	.23000	.23000
Low	8.5000	.17000			.17000	.17000	.17000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19415	.19826	.20096	.19406	.19427	.19720	.20308
SDev	.00213	.00324	.00014	.00336	.00108	.00036	.00302
%RSD	1.0989	1.6349	.06831	1.7333	.55749	.17981	1.4849
#1	.19265	.20055	.20105	.19168	.19350	.19745	.20521
#2	.19566	.19597	.20086	.19644	.19503	.19695	.20094
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.23000	.23000	.23000	.23000	.23000
Low			.17000	.17000	.17000	.17000	.17000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05016	.19724
SDev	.00002	.00066
%RSD	.03277	.33461
#1	.05017	.19677
#2	.05015	.19770
Errors	LC Pass	NOCHECK
High	.05750	
Low	.04250	

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6234	--	--	--	--	--	--
SDev	9.969930	--	--	--	--	--	--
%RSD	.1599206	--	--	--	--	--	--
#1	6241	--	--	--	--	--	--
#2	6227	--	--	--	--	--	--

Analysis Report 12/19/05 05:48:44 PM page 1

Method: TRACE1 Sample Name: AD572063/PB Operator: SW
Run Time: 12/19/05 17:43:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01064	.00008	.00099	-.00015	.00020	.00912	-.00002
SDev	.00105	.00199	.00136	.00003	.00000	.00015	.00009
%RSD	9.9123	2420.4	136.85	17.115	2.0460	1.6119	504.00
#1	.01138	-.00133	.00003	-.00017	.00020	.00922	.00004
#2	.00989	.00149	.00195	-.00013	.00020	.00901	-.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00018	-.00057	.00048	.00145	-.01009	.00416	.00004
SDev	.00011	.00001	.00014	.00803	.00000	.00026	.00000
%RSD	64.185	2.4564	28.230	554.58	.04596	6.2518	.03218
#1	.00026	-.00058	.00038	-.00423	-.01010	.00435	.00004
#2	.00010	-.00056	.00057	.00712	-.01009	.00398	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06052	.00019	-.00129	.00201	.00091	.00008	-.00054
SDev	.04160	.00003	.00021	.00073	.00056	.00010	.00199
%RSD	68.730	15.320	16.463	36.331	61.237	117.21	366.79
#1	.08993	.00021	-.00144	.00149	.00052	.00015	-.00195
#2	.03111	.00017	-.00114	.00252	.00130	.00001	.00087
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00289	.00157	.00041	-.00188	-.00001	.00235	-.00196
SDev	.00115	.00072	.00001	.00139	.00022	.00000	.00048
%RSD	39.754	45.736	2.0114	73.532	3133.4	.05180	24.363
#1	-.00370	.00207	.00041	-.00286	-.00016	.00235	-.00230
#2	-.00208	.00106	.00042	-.00090	.00015	.00235	-.00162
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00116	.00076
SDev	.00002	.00003
%RSD	1.7837	3.6853
#1	.00114	.00074
#2	.00117	.00078
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6223	--	--	--	--	--	--
SDev	3.712311	--	--	--	--	--	--
%RSD	.0596563	--	--	--	--	--	--
#1	6220	--	--	--	--	--	--
#2	6225	--	--	--	--	--	--

Analysis Report 12/19/05 05:53:35 PM page 1

Method: TRACE1 Sample Name: AD572062/FB Operator: SW
Run Time: 12/19/05 17:48:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9220	.20411	.19068	.19743	.20226	9.9380	.19766
SDev	.0401	.00075	.00065	.00054	.00014	.0176	.00064
%RSD	.40364	.36769	.34292	.27566	.06874	.17718	.32485
#1	9.8937	.20464	.19022	.19705	.20236	9.9256	.19721
#2	9.9503	.20358	.19114	.19782	.20216	9.9505	.19812
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20161	.20083	.20512	10.024	10.205	10.036	.19905
SDev	.00017	.00028	.00070	.013	.013	.018	.00021
%RSD	.08583	.13838	.34185	.12567	.13072	.17736	.10764
#1	.20173	.20103	.20462	10.016	10.196	10.024	.19890
#2	.20149	.20064	.20561	10.033	10.214	10.049	.19920
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.135	.20061	.20334	.20375	.20362	.19939	.19670
SDev	.010	.00095	.00171	.00149	.00042	.00203	.00112
%RSD	.10297	.47497	.83925	.73058	.20853	1.0187	.56812
#1	10.128	.20128	.20455	.20270	.20332	.19796	.19591
#2	10.143	.19993	.20214	.20481	.20392	.20083	.19749
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	11.500	.23000			.23000	.23000	.23000
Low	8.5000	.17000			.17000	.17000	.17000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20001	.19908	.20285	.19734	.19777	.20740	.21165
SDev	.00064	.00273	.00006	.00098	.00012	.00012	.00019
%RSD	.32053	1.3695	.02913	.49670	.05936	.05930	.08989
#1	.19956	.19716	.20289	.19664	.19769	.20731	.21178
#2	.20046	.20101	.20281	.19803	.19785	.20748	.21151
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.23000	.23000	.23000	.23000	.23000
Low			.17000	.17000	.17000	.17000	.17000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05196	.20371
SDev	.00021	.00203
%RSD	.41158	.99698
#1	.05180	.20227
#2	.05211	.20515
Errors	LC Pass	NOCHECK
High	.05750	
Low	.04250	

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6264	--	--	--	--	--	--
SDev	3.712311	--	--	--	--	--	--
%RSD	.0592678	--	--	--	--	--	--
#1	6266	--	--	--	--	--	--
#2	6261	--	--	--	--	--	--

Analysis Report 12/19/05 05:58:26 PM page 1

Method: TRACE1 Sample Name: AD572044 Operator: SW
Run Time: 12/19/05 17:53:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01377	.02606	.37454	.28349	.00039	125.47	.00023
SDev	.00169	.00172	.00004	.00032	.00002	.05	.00000
%RSD	12.290	6.6197	.00963	.11176	4.9447	.03628	.39516
#1	.01497	.02484	.37451	.28372	.00041	125.50	.00023
#2	.01257	.02728	.37457	.28327	.00038	125.44	.00023
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00207	.00028	.00103	1.5019	29.448	41.725	.84767
SDev	.00014	.00007	.00023	.0099	.014	.002	.00054
%RSD	6.6342	26.486	22.161	.66027	.04812	.00422	.06324
#1	.00198	.00033	.00087	1.4949	29.458	41.726	.84805
#2	.00217	.00023	.00120	1.5089	29.438	41.724	.84729
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	90.926	.00841	-.00244	.00127	.00003	.00180	-.00196
SDev	.165	.00048	.00005	.00069	.00048	.00064	.00023
%RSD	.18168	5.6868	2.1571	54.627	1432.7	35.261	11.849
#1	90.809	.00807	-.00248	.00078	-.00031	.00135	-.00212
#2	91.043	.00875	-.00240	.00176	.00037	.00225	-.00179
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00205	.00168	.00051	-.00133	-.00012	.00514	-.00066
SDev	.00151	.00020	.00017	.00007	.00011	.00010	.00000
%RSD	73.973	11.661	32.881	5.1658	93.137	1.8410	.13237
#1	.00098	.00154	.00039	-.00138	-.00004	.00508	-.00066
#2	.00312	.00182	.00063	-.00128	-.00020	.00521	-.00066
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00103	.00053
SDev	.00013	.00021
%RSD	12.243	39.044
#1	.00094	.00067
#2	.00112	.00038
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6093	--	--	--	--	--	--
SDev	4.030647	--	--	--	--	--	--
%RSD	.0661537	--	--	--	--	--	--
#1	6090	--	--	--	--	--	--
#2	6096	--	--	--	--	--	--

Analysis Report 12/19/05 06:03:17 PM page 1

Method: TRACE1 Sample Name: AD572044/L (1:5) Operator: SW
Run Time: 12/19/05 17:58:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00848	.00520	.07590	.05694	.00023	25.312	-.00002
SDev	.00055	.00175	.00102	.00003	.00001	.053	.00010
%RSD	6.5027	33.554	1.3446	.05794	6.0042	.20939	559.21
#1	.00887	.00397	.07518	.05692	.00024	25.350	.00005
#2	.00809	.00644	.07662	.05696	.00022	25.275	-.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00056	-.00033	.00024	.30289	5.5546	8.3639	.17248
SDev	.00011	.00020	.00005	.00004	.0145	.0170	.00038
%RSD	20.488	61.613	19.121	.01255	.26105	.20279	.22328
#1	.00048	-.00019	.00027	.30286	5.5649	8.3759	.17276
#2	.00064	-.00047	.00020	.30292	5.5444	8.3520	.17221
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	17.922	.00259	-.00237	.00225	.00071	.00030	-.00306
SDev	.077	.00021	.00107	.00113	.00111	.00401	.00283
%RSD	.42950	8.0087	45.158	49.985	155.71	1335.5	92.477
#1	17.867	.00244	-.00313	.00146	-.00007	.00313	-.00506
#2	17.976	.00273	-.00162	.00305	.00150	-.00253	-.00106
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00085	.00003	.00028	-.00188	-.00001	.00114	.00043
SDev	.00192	.00505	.00001	.00065	.00000	.00019	.00001
%RSD	226.24	19616.	3.1132	34.678	1.8544	16.608	1.5516
#1	.00221	.00360	.00028	-.00142	-.00001	.00101	.00043
#2	-.00051	-.00354	.00029	-.00234	-.00001	.00128	.00042
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00125	.00043
SDev	.00018	.00101
%RSD	14.156	234.55
#1	.00138	-.00028
#2	.00113	.00114
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6192	--	--	--	--	--	--
SDev	12.93992	--	--	--	--	--	--
%RSD	.2089628	--	--	--	--	--	--
#1	6183	--	--	--	--	--	--
#2	6202	--	--	--	--	--	--

Analysis Report 12/19/05 06:08:09 PM page 1

Method: TRACE1 Sample Name: AD572044/PS Operator: SW
Run Time: 12/19/05 18:03:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.175	.23335	.56426	.47731	.20446	132.47	.19672
SDev	.004	.00081	.00079	.00016	.00012	.12	.00035
%RSD	.04222	.34785	.13961	.03464	.05633	.08847	.17586
#1	10.178	.23277	.56370	.47719	.20454	132.39	.19648
#2	10.172	.23392	.56481	.47742	.20438	132.56	.19697
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20404	.20187	.21249	11.586	39.745	50.740	1.0233
SDev	.00066	.00017	.00001	.011	.020	.021	.0002
%RSD	.32444	.08214	.00222	.09246	.04954	.04157	.02126
#1	.20357	.20175	.21249	11.578	39.759	50.725	1.0231
#2	.20451	.20199	.21249	11.594	39.731	50.755	1.0234
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.592	.20678	.20058	.20227	.20171	.20416	.20291
SDev	.076	.00085	.00153	.00111	.00125	.00163	.00019
%RSD	.07650	.41159	.76394	.54794	.61947	.80000	.09234
#1	99.646	.20618	.19950	.20148	.20082	.20300	.20305
#2	99.538	.20739	.20166	.20305	.20259	.20531	.20278
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20446	.20401	.20718	.20206	.20317	.20332	.20946
SDev	.00177	.00333	.00016	.00032	.00002	.00118	.00026
%RSD	.86596	1.6348	.07784	.16007	.01037	.57805	.12441
#1	.20571	.20165	.20706	.20229	.20318	.20249	.20928
#2	.20321	.20637	.20729	.20183	.20315	.20415	.20965
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.02207	.21149
SDev	.00006	.00017
%RSD	.28774	.07974
#1	.02212	.21161
#2	.02203	.21137
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6061	--	--	--	--	--	--
SDev	2.757647	--	--	--	--	--	--
%RSD	.0455012	--	--	--	--	--	--
#1	6063	--	--	--	--	--	--
#2	6059	--	--	--	--	--	--

Analysis Report 12/19/05 06:13:00 PM page 1

Method: TRACE1 Sample Name: AD572045/MS Operator: SW
Run Time: 12/19/05 18:08:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9745	.22616	.56869	.48119	.19676	135.53	.19011
SDev	.0060	.00064	.00102	.00001	.00025	.24	.00051
%RSD	.06008	.28212	.17885	.00283	.12495	.17470	.26639
#1	9.9702	.22571	.56941	.48118	.19694	135.36	.18976
#2	9.9787	.22662	.56797	.48120	.19659	135.70	.19047
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19563	.19403	.20143	11.161	40.198	51.539	1.0415
SDev	.00042	.00002	.00062	.008	.042	.037	.0007
%RSD	.21327	.01206	.30630	.06981	.10382	.07235	.06363
#1	.19534	.19402	.20186	11.156	40.227	51.512	1.0410
#2	.19593	.19405	.20099	11.167	40.168	51.565	1.0419
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	101.60	.19953	.19486	.19791	.19690	.19683	.19693
SDev	.05	.00037	.00088	.00088	.00088	.00023	.00159
%RSD	.04857	.18760	.44965	.44255	.44489	.11610	.80844
#1	101.63	.19980	.19548	.19853	.19752	.19699	.19580
#2	101.56	.19927	.19424	.19729	.19628	.19666	.19805
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19655	.19697	.19766	.19186	.19286	.19995	.20775
SDev	.00251	.00160	.00019	.00004	.00030	.00029	.00217
%RSD	1.2778	.81158	.09863	.02069	.15367	.14389	1.0433
#1	.19478	.19810	.19753	.19189	.19265	.19975	.20622
#2	.19833	.19583	.19780	.19184	.19307	.20016	.20929
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05241	.19885
SDev	.00036	.00140
%RSD	.68660	.70308
#1	.05216	.19786
#2	.05267	.19984
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6052	--	--	--	--	--	--
SDev	5.727634	--	--	--	--	--	--
%RSD	.0946349	--	--	--	--	--	--
#1	6056	--	--	--	--	--	--
#2	6048	--	--	--	--	--	--

Analysis Report 12/19/05 06:17:52 PM page 1

Method: TRACE1 Sample Name: AD572046/SD Operator: SW
Run Time: 12/19/05 18:13:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9616	.23455	.56922	.48283	.20396	136.62	.19785
SDev	.0122	.00293	.00163	.00114	.00025	.65	.00145
%RSD	.12214	1.2486	.28696	.23626	.12433	.47739	.73405
#1	9.9530	.23248	.57037	.48202	.20414	136.16	.19682
#2	9.9702	.23662	.56806	.48364	.20378	137.08	.19887
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20366	.20107	.20937	11.549	40.399	52.072	1.0531
SDev	.00100	.00113	.00011	.019	.054	.109	.0024
%RSD	.48834	.56251	.05440	.16053	.13273	.20958	.23215
#1	.20296	.20027	.20929	11.536	40.437	51.995	1.0514
#2	.20436	.20187	.20946	11.562	40.361	52.149	1.0548
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	102.30	.20663	.20145	.20276	.20233	.20646	.20339
SDev	.13	.00089	.00070	.00068	.00068	.00236	.00347
%RSD	.12863	.42830	.34555	.33397	.33781	1.1424	1.7075
#1	102.39	.20600	.20096	.20229	.20184	.20479	.20093
#2	102.20	.20725	.20194	.20324	.20281	.20812	.20585
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20680	.20629	.20578	.20058	.19995	.20770	.20624
SDev	.00241	.00474	.00007	.00016	.00072	.00179	.00037
%RSD	1.1659	2.2994	.03277	.08112	.36040	.86186	.18096
#1	.20850	.20294	.20573	.20046	.19944	.20643	.20650
#2	.20509	.20964	.20583	.20069	.20046	.20896	.20597
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05266	.20814
SDev	.00021	.00146
%RSD	.39154	.70325
#1	.05251	.20918
#2	.05280	.20711
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6046	--	--	--	--	--	--
SDev	32.03214	--	--	--	--	--	--
%RSD	.5297634	--	--	--	--	--	--
#1	6069	--	--	--	--	--	--
#2	6024	--	--	--	--	--	--

Analysis Report 12/19/05 06:22:43 PM page 1

Method: TRACE1 Sample Name: AD572047 Operator: SW
Run Time: 12/19/05 18:17:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01358	-.00025	.03732	.08840	.00035	128.74	.00010
SDev	.00250	.00127	.00100	.00048	.00002	.49	.00007
%RSD	18.424	499.56	2.6671	.54336	4.6979	.37839	72.049
#1	.01181	-.00115	.03662	.08806	.00033	128.40	.00015
#2	.01535	.00064	.03803	.08874	.00036	129.09	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00011	.00147	.00113	-.01118	1.3705	50.114	.00682
SDev	.00028	.00005	.00005	.00129	.0048	.150	.00000
%RSD	245.45	3.3596	4.3537	11.525	.35218	.29915	.00017
#1	-.00008	.00151	.00110	-.01209	1.3739	50.008	.00682
#2	.00031	.00144	.00117	-.01027	1.3671	50.220	.00682
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	29.629	.00374	-.00212	.00166	.00040	.00110	-.00386
SDev	.199	.00036	.00087	.00030	.00049	.00318	.00028
%RSD	.67223	9.5289	41.189	18.051	122.26	290.20	7.1413
#1	29.488	.00400	-.00274	.00145	.00005	.00334	-.00406
#2	29.770	.00349	-.00150	.00187	.00075	-.00115	-.00367
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00065	.00132	.00034	.00094	-.00008	.01322	-.00218
SDev	.00270	.00342	.00027	.00190	.00011	.00054	.00081
%RSD	414.77	259.40	77.838	201.61	137.20	4.0951	37.352
#1	.00256	.00373	.00015	.00229	-.00016	.01360	-.00160
#2	-.00126	-.00110	.00053	-.00040	-.00000	.01284	-.00275
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00122	.00461
SDev	.00010	.00011
%RSD	8.3576	2.3100
#1	.00115	.00454
#2	.00129	.00469
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6083	--	--	--	--	--	--
SDev	21.42554	--	--	--	--	--	--
%RSD	.3522055	--	--	--	--	--	--
#1	6098	--	--	--	--	--	--
#2	6068	--	--	--	--	--	--

Analysis Report QC Standard 12/19/05 06:28:53 PM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 12/19/05 18:24:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.777	.49676	.47790	.49282	.50676	25.359	.48329
SDev	.020	.00088	.00384	.00013	.00041	.061	.00113
%RSD	.07587	.17621	.80260	.02655	.08084	.24043	.23363
#1	25.791	.49614	.47519	.49272	.50647	25.315	.48249
#2	25.763	.49738	.48062	.49291	.50705	25.402	.48409
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49621	.50263	.53066	25.214	25.538	25.233	.50097
SDev	.00099	.00056	.00072	.039	.033	.035	.00047
%RSD	.19867	.11230	.13546	.15515	.12837	.13849	.09322
#1	.49551	.50223	.53117	25.186	25.562	25.208	.50064
#2	.49691	.50303	.53015	25.241	25.515	25.258	.50130
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.331	.50069	.50274	.49935	.50048	.50255	.49207
SDev	.191	.00095	.00054	.00213	.00124	.00042	.00547
%RSD	.75380	.18889	.10793	.42584	.24729	.08372	1.1107
#1	25.466	.50002	.50313	.49785	.49961	.50284	.48820
#2	25.196	.50136	.50236	.50085	.50136	.50225	.49593
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49836	.50465	.50543	.50494	.49732	.49544	.52974
SDev	.00056	.00035	.00020	.00230	.00092	.00126	.00079
%RSD	.11345	.06904	.04021	.45485	.18532	.25513	.14868
#1	.49876	.50489	.50529	.50331	.49667	.49454	.52918
#2	.49796	.50440	.50557	.50656	.49797	.49633	.53030
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.49805	.53370
SDev	.00007	.00380
%RSD	.01483	.71240
#1	.49800	.53101
#2	.49810	.53638
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6132	--	--	--	--	--	--
SDev	7.212627	--	--	--	--	--	--
%RSD	.1176256	--	--	--	--	--	--
#1	6137	--	--	--	--	--	--
#2	6127	--	--	--	--	--	--

Analysis Report Blank Sample 12/19/05 06:33:45 PM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 12/19/05 18:28:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02389	.00027	.00106	-.00018	.00027	.01927	.00009
SDev	.00434	.00017	.00001	.00008	.00002	.00010	.00018
%RSD	18.154	64.387	.50737	42.140	6.8615	.53410	200.46
#1	.02082	.00040	.00106	-.00024	.00025	.01934	-.00004
#2	.02695	.00015	.00106	-.00013	.00028	.01920	.00021
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	-.00041	.00006	.00380	-.02264	.01730	-.00000
SDev	.00046	.00032	.00032	.00478	.01832	.00001	.00002
%RSD	229.81	77.496	499.77	125.74	80.946	.06819	566.71
#1	-.00012	-.00019	.00029	.00718	-.00968	.01729	.00001
#2	.00052	-.00063	-.00016	.00042	-.03559	.01731	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07501	.00002	-.00055	.00177	.00100	-.00065	-.00168
SDev	.04199	.00001	.00187	.00084	.00006	.00212	.00156
%RSD	55.975	71.229	339.13	47.582	5.9476	323.70	92.426
#1	.10471	.00001	.00077	.00118	.00104	.00084	-.00058
#2	.04532	.00003	-.00187	.00237	.00096	-.00215	-.00279
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00058	-.00127	.00030	.00050	.00015	.00046	-.00035
SDev	.00177	.00229	.00007	.00129	.00000	.00039	.00048
%RSD	304.30	179.93	22.227	261.19	.15430	84.625	137.16
#1	.00184	.00035	.00025	.00141	.00015	.00018	-.00001
#2	-.00067	-.00289	.00034	-.00042	.00015	.00073	-.00069
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00093	.00078
SDev	.00023	.00009
%RSD	24.504	11.133
#1	.00109	.00084
#2	.00077	.00072
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6142	--	--	--	--	--	--
SDev	3.075983	--	--	--	--	--	--
%RSD	.0500838	--	--	--	--	--	--
#1	6144	--	--	--	--	--	--
#2	6140	--	--	--	--	--	--

Analysis Report 12/19/05 06:38:36 PM page 1

Method: TRACE1 Sample Name: AD572048 Operator: SW
Run Time: 12/19/05 18:33:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01749	.00201	.05440	.10720	.00035	64.994	.00008
SDev	.00155	.00093	.00028	.00042	.00003	.231	.00002
%RSD	8.8428	46.223	.50473	.39517	7.6898	.35535	26.524
#1	.01639	.00136	.05459	.10690	.00033	64.830	.00006
#2	.01858	.00267	.05421	.10750	.00037	65.157	.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00056	.00036	.00107	.21068	1.4832	57.360	.03751
SDev	.00013	.00039	.00036	.00128	.0032	.137	.00011
%RSD	22.681	109.08	33.820	.60845	.21592	.23931	.28796
#1	.00065	.00063	.00133	.20977	1.4809	57.263	.03744
#2	.00047	.00008	.00082	.21159	1.4855	57.457	.03759
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.617	.00323	-.00216	.00119	.00007	.00116	-.00242
SDev	.130	.00000	.00128	.00184	.00080	.00013	.00258
%RSD	1.1230	.07212	59.575	154.58	1078.9	11.239	106.71
#1	11.710	.00323	-.00125	-.00011	-.00049	.00107	-.00059
#2	11.525	.00323	-.00306	.00248	.00064	.00126	-.00424
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00487	-.00069	.00028	-.00122	-.00001	.00523	-.00023
SDev	.00044	.00003	.00005	.00155	.00023	.00011	.00227
%RSD	9.1291	3.8003	17.841	126.70	2514.7	2.1549	1005.8
#1	.00456	-.00067	.00032	-.00231	-.00017	.00515	.00138
#2	.00519	-.00071	.00025	-.00013	.00015	.00531	-.00183
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00144	.00139
SDev	.00032	.00001
%RSD	21.829	.42282
#1	.00122	.00139
#2	.00167	.00140
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6110	--	--	--	--	--	--
SDev	17.50089	--	--	--	--	--	--
%RSD	.2864291	--	--	--	--	--	--
#1	6122	--	--	--	--	--	--
#2	6098	--	--	--	--	--	--

Analysis Report 12/19/05 06:43:27 PM page 1

Method: TRACE1 Sample Name: AD572049 Operator: SW
Run Time: 12/19/05 18:38:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02404	.00001	.03395	.13798	.00046	165.37	-.00001
SDev	.00111	.00127	.00093	.00036	.00000	.23	.00009
%RSD	4.6227	11001.	2.7392	.26468	.48804	.14068	702.37
#1	.02326	-.00089	.03461	.13772	.00046	165.21	-.00008
#2	.02483	.00091	.03329	.13824	.00046	165.54	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00039	.00020	.00035	5.0171	1.8172	56.028	.20470
SDev	.00046	.00013	.00025	.0121	.0013	.081	.00017
%RSD	115.71	68.260	71.676	.24129	.07011	.14370	.08284
#1	.00072	.00029	.00053	5.0085	1.8163	55.971	.20458
#2	.00007	.00010	.00017	5.0256	1.8181	56.085	.20481
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	82.313	.00194	-.00266	.00230	.00065	.00165	-.00359
SDev	.238	.00029	.00032	.00025	.00006	.00113	.00009
%RSD	.28925	14.927	11.943	10.821	9.2881	68.702	2.5430
#1	82.145	.00173	-.00244	.00213	.00061	.00085	-.00353
#2	82.481	.00214	-.00289	.00248	.00069	.00245	-.00366
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00114	.00305	.00048	-.00105	-.00013	.01502	-.00233
SDev	.00082	.00211	.00001	.00144	.00023	.00001	.00148
%RSD	71.408	69.210	1.7784	137.29	175.81	.07338	63.668
#1	-.00057	.00156	.00047	-.00003	-.00029	.01503	-.00128
#2	-.00172	.00454	.00048	-.00207	.00003	.01502	-.00337
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00127	.00202
SDev	.00013	.00012
%RSD	10.091	5.7808
#1	.00118	.00194
#2	.00136	.00210
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6030	--	--	--	--	--	--
SDev	4.560977	--	--	--	--	--	--
%RSD	.0756390	--	--	--	--	--	--
#1	6027	--	--	--	--	--	--
#2	6033	--	--	--	--	--	--

Analysis Report 12/19/05 06:48:19 PM page 1

Method: TRACE1 Sample Name: AD572050 Operator: SW
Run Time: 12/19/05 18:43:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02053	.00045	.04158	.25223	.00054	190.55	-.00002
SDev	.00000	.00088	.00009	.00025	.00000	.02	.00027
%RSD	.00510	193.46	.22242	.10041	.41210	.00922	1547.1
#1	.02053	-.00017	.04165	.25241	.00053	190.54	-.00021
#2	.02053	.00107	.04152	.25205	.00054	190.56	.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	.00026	.00111	.30854	1.1613	76.495	.18451
SDev	.00010	.00038	.00012	.00510	.0098	.010	.00000
%RSD	43.674	148.53	10.391	1.6528	.84259	.01292	.00185
#1	.00015	-.00001	.00103	.31215	1.1682	76.502	.18450
#2	.00028	.00053	.00119	.30494	1.1544	76.488	.18451
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	45.103	.00081	-.00305	.00174	.00015	-.00009	-.00171
SDev	.130	.00044	.00052	.00135	.00073	.00178	.00136
%RSD	.28772	54.923	16.995	77.529	498.93	1900.2	79.456
#1	45.011	.00050	-.00341	.00269	.00066	-.00135	-.00267
#2	45.195	.00112	-.00268	.00079	-.00037	.00116	-.00075
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00147	-.00087	.00048	.00002	.00015	.01306	-.00064
SDev	.00147	.00193	.00008	.00071	.00023	.00011	.00198
%RSD	100.21	220.86	15.971	2890.4	149.76	.84095	308.48
#1	.00043	-.00224	.00053	-.00048	.00032	.01314	-.00205
#2	.00251	.00049	.00042	.00053	-.00001	.01298	.00076
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00128	.00076
SDev	.00014	.00051
%RSD	10.752	66.693
#1	.00138	.00112
#2	.00118	.00040
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6001	--	--	--	--	--	--
SDev	4.772971	--	--	--	--	--	--
%RSD	.0795406	--	--	--	--	--	--
#1	5997	--	--	--	--	--	--
#2	6004	--	--	--	--	--	--

Analysis Report 12/19/05 06:53:10 PM page 1

Method: TRACE1 Sample Name: AD572051 Operator: SW
Run Time: 12/19/05 18:48:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02447	.00173	.92880	.13930	.00065	179.59	-.00003
SDev	.00066	.00061	.00506	.00027	.00003	.47	.00004
%RSD	2.6885	35.298	.54459	.19582	3.8831	.25992	132.32
#1	.02494	.00216	.92523	.13910	.00063	179.26	-.00000
#2	.02401	.00130	.93238	.13949	.00067	179.92	-.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00133	.00193	.00058	2.0523	7.0877	129.04	.03442
SDev	.00075	.00000	.00005	.0014	.0014	.14	.00007
%RSD	56.597	.21507	8.0479	.06624	.02038	.10820	.21290
#1	.00080	.00192	.00061	2.0514	7.0887	128.94	.03437
#2	.00186	.00193	.00055	2.0533	7.0867	129.14	.03447
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	310.45	.05037	-.00332	.00035	-.00087	-.00141	-.00149
SDev	.19	.00003	.00141	.00032	.00068	.00161	.00263
%RSD	.05994	.05181	42.517	90.768	78.147	114.16	176.73
#1	310.58	.05039	-.00232	.00057	-.00039	-.00254	-.00335
#2	310.31	.05035	-.00431	.00013	-.00135	-.00027	.00037
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00081	-.00252	.00053	-.00092	-.00022	.01889	-.00082
SDev	.00289	.00385	.00003	.00147	.00000	.00048	.00067
%RSD	357.52	153.26	4.9301	160.25	.01345	2.5340	81.543
#1	.00285	-.00524	.00054	-.00196	-.00022	.01922	-.00035
#2	-.00123	.00021	.00051	.00012	-.00022	.01855	-.00129
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00109	.00224
SDev	.00035	.00064
%RSD	32.428	28.530
#1	.00084	.00179
#2	.00134	.00269
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5908	--	--	--	--	--	--
SDev	8.166946	--	--	--	--	--	--
%RSD	.1382254	--	--	--	--	--	--
#1	5914	--	--	--	--	--	--
#2	5903	--	--	--	--	--	--

Analysis Report 12/19/05 06:58:01 PM page 1

Method: TRACE1 Sample Name: AD572052 Operator: SW
Run Time: 12/19/05 18:53:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01778	.00508	.04932	.18565	.00048	119.42	-.00000
SDev	.00042	.00048	.00080	.00001	.00000	.04	.00002
%RSD	2.3387	9.4764	1.6287	.00484	.48705	.03477	460.59
#1	.01808	.00542	.04875	.18565	.00048	119.45	-.00002
#2	.01749	.00474	.04989	.18566	.00048	119.39	.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00016	.00034	.00027	5.0440	2.5562	53.566	.05249
SDev	.00020	.00042	.00018	.0059	.0137	.023	.00005
%RSD	124.09	121.16	67.543	.11599	.53641	.04333	.08995
#1	.00002	.00064	.00040	5.0399	2.5659	53.582	.05253
#2	.00030	.00005	.00014	5.0482	2.5465	53.550	.05246
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	87.358	.00135	-.00205	.00149	.00031	-.00052	-.00207
SDev	.295	.00060	.00042	.00113	.00089	.00129	.00085
%RSD	.33726	44.024	20.297	75.895	287.47	249.86	40.890
#1	87.566	.00093	-.00175	.00228	.00094	.00040	-.00267
#2	87.150	.00178	-.00234	.00069	-.00032	-.00143	-.00147
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00100	-.00028	.00054	.00014	-.00029	.00412	-.00186
SDev	.00347	.00020	.00009	.00059	.00000	.00001	.00115
%RSD	348.86	71.523	15.547	417.29	.06010	.18229	62.076
#1	.00146	-.00014	.00048	.00055	-.00029	.00412	-.00104
#2	-.00345	-.00042	.00060	-.00027	-.00029	.00411	-.00268
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00140	.00106
SDev	.00024	.00026
%RSD	16.907	24.969
#1	.00157	.00087
#2	.00123	.00124
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6025	--	--	--	--	--	--
SDev	11.13693	--	--	--	--	--	--
%RSD	.1848415	--	--	--	--	--	--
#1	6017	--	--	--	--	--	--
#2	6033	--	--	--	--	--	--

Analysis Report 12/19/05 07:02:52 PM page 1

Method: TRACE1 Sample Name: AD572053 Operator: SW
Run Time: 12/19/05 18:58:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02028	.00700	.03813	.14839	.00046	121.68	.00025
SDev	.00109	.00002	.00011	.00011	.00001	.52	.00004
%RSD	5.3683	.32608	.27652	.07441	2.2535	.42959	14.678
#1	.02105	.00698	.03820	.14847	.00047	122.05	.00027
#2	.01951	.00702	.03805	.14831	.00046	121.31	.00022
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	.00041	.00274	2.1774	2.1333	51.854	.33104
SDev	.00013	.00015	.00029	.0067	.0160	.209	.00029
%RSD	823.33	37.480	10.485	.30780	.74789	.40388	.08664
#1	.00010	.00052	.00294	2.1822	2.1446	52.002	.33124
#2	-.00007	.00030	.00253	2.1727	2.1220	51.706	.33084
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	79.917	.00162	-.00257	.00050	-.00052	-.00163	-.00094
SDev	.125	.00061	.00055	.00088	.00040	.00267	.00066
%RSD	.15617	37.585	21.290	175.92	77.184	163.97	70.314
#1	79.828	.00119	-.00219	-.00012	-.00081	.00026	-.00047
#2	80.005	.00206	-.00296	.00112	-.00024	-.00351	-.00140
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00419	-.00035	.00045	-.00237	.00051	.00542	-.00097
SDev	.00422	.00189	.00004	.00278	.00012	.00018	.00116
%RSD	100.87	545.10	9.3617	117.40	22.974	3.2656	118.75
#1	-.00120	.00099	.00042	-.00040	.00059	.00529	-.00016
#2	-.00718	-.00168	.00048	-.00434	.00042	.00554	-.00179
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00144	.00509
SDev	.00015	.00045
%RSD	10.790	8.8845
#1	.00155	.00477
#2	.00133	.00541
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6039	--	--	--	--	--	--
SDev	22.48586	--	--	--	--	--	--
%RSD	.3723163	--	--	--	--	--	--
#1	6024	--	--	--	--	--	--
#2	6055	--	--	--	--	--	--

Analysis Report 12/19/05 07:07:43 PM page 1

Method: TRACE1 Sample Name: AD572054 Operator: SW
Run Time: 12/19/05 19:02:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03433	-.00027	.03865	.05174	.00041	95.823	.00007
SDev	.00047	.00101	.00001	.00006	.00006	.237	.00015
%RSD	1.3789	375.01	.01519	.11970	13.996	.24735	230.89
#1	.03399	.00045	.03865	.05179	.00045	95.990	.00017
#2	.03466	-.00099	.03866	.05170	.00037	95.655	-.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00951	.00041	.00106	.02483	.95695	46.354	.00919
SDev	.00042	.00001	.00026	.00551	.00788	.065	.00000
%RSD	4.4179	2.4819	24.231	22.208	.82317	.14121	.03122
#1	.00981	.00041	.00124	.02873	.96252	46.400	.00920
#2	.00921	.00042	.00088	.02093	.95138	46.307	.00919
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	45.344	.02676	-.00246	.00244	.00081	.00031	-.00500
SDev	.082	.00004	.00258	.00149	.00013	.00224	.00024
%RSD	.18033	.15651	104.91	61.045	16.618	733.09	4.7742
#1	45.402	.02679	-.00429	.00350	.00090	-.00128	-.00517
#2	45.287	.02673	-.00064	.00139	.00071	.00189	-.00484
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00018	.00055	.00092	-.00178	.00016	.00659	-.00101
SDev	.00124	.00274	.00023	.00140	.00000	.00061	.00016
%RSD	685.89	499.62	24.812	78.746	.43747	9.2579	15.589
#1	-.00106	-.00139	.00108	-.00079	.00016	.00702	-.00113
#2	.00070	.00249	.00076	-.00278	.00016	.00616	-.00090
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00134	.00632
SDev	.00034	.00014
%RSD	25.028	2.1893
#1	.00157	.00641
#2	.00110	.00622
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6062	--	--	--	--	--	--
SDev	17.81888	--	--	--	--	--	--
%RSD	.2939682	--	--	--	--	--	--
#1	6049	--	--	--	--	--	--
#2	6074	--	--	--	--	--	--

Analysis Report 12/19/05 07:12:34 PM page 1

Method: TRACE1 Sample Name: AD572055 Operator: SW
Run Time: 12/19/05 19:07:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02244	.00030	.01172	.05858	.00046	133.05	.00010
SDev	.00082	.00171	.00055	.00007	.00001	.24	.00011
%RSD	3.6762	574.14	4.6621	.12167	1.4824	.17868	111.36
#1	.02186	-.00091	.01211	.05853	.00047	132.88	.00018
#2	.02303	.00150	.01134	.05863	.00046	133.22	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00265	.00028	.00164	-.00031	1.2620	64.104	.05434
SDev	.00013	.00028	.00007	.00070	.0029	.096	.00005
%RSD	4.8802	97.702	4.2932	229.44	.22655	.14904	.10027
#1	.00274	.00009	.00169	-.00080	1.2640	64.036	.05438
#2	.00256	.00048	.00159	.00019	1.2600	64.171	.05430
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.8984	.00673	-.00140	.00162	.00062	.00111	-.00135
SDev	.1167	.00011	.00053	.00142	.00112	.00396	.00130
%RSD	2.9936	1.6476	37.722	87.101	181.66	356.79	96.634
#1	3.9810	.00681	-.00178	.00062	-.00018	-.00169	-.00227
#2	3.8159	.00665	-.00103	.00263	.00141	.00391	-.00043
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00055	.00139	.00053	-.00065	.00032	.00395	-.00171
SDev	.00305	.00442	.00024	.00059	.00000	.00000	.00016
%RSD	553.31	317.89	44.286	91.037	.11437	.09888	9.5143
#1	-.00160	-.00173	.00070	-.00107	.00032	.00396	-.00182
#2	.00270	.00452	.00037	-.00023	.00032	.00395	-.00159
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00119	.00241
SDev	.00016	.00012
%RSD	13.825	4.7635
#1	.00107	.00233
#2	.00131	.00250
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6050	--	--	--	--	--	--
SDev	6.045970	--	--	--	--	--	--
%RSD	.0999330	--	--	--	--	--	--
#1	6046	--	--	--	--	--	--
#2	6054	--	--	--	--	--	--

Analysis Report 12/19/05 07:17:26 PM page 1

Method: TRACE1 Sample Name: AD572056 Operator: SW
Run Time: 12/19/05 19:12:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02400	.00204	.03626	.10066	.00041	89.315	.00003
SDev	.00191	.00013	.00000	.00039	.00002	.491	.00001
%RSD	7.9371	6.3118	.00559	.39148	4.9380	.55010	18.830
#1	.02265	.00213	.03625	.10038	.00040	88.968	.00003
#2	.02535	.00195	.03626	.10094	.00042	89.663	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00934	.00031	.00044	.00398	1.8552	48.349	.04051
SDev	.00023	.00032	.00007	.00207	.0078	.196	.00013
%RSD	2.4366	103.55	15.940	52.052	.42188	.40555	.30839
#1	.00950	.00008	.00039	.00252	1.8607	48.211	.04042
#2	.00918	.00054	.00049	.00545	1.8497	48.488	.04059
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.494	.02610	-.00122	.00159	.00065	-.00025	-.00243
SDev	.025	.00004	.00258	.00143	.00009	.00232	.00274
%RSD	.09791	.16822	210.63	89.601	14.100	922.32	112.62
#1	25.512	.02606	-.00305	.00260	.00072	-.00189	-.00437
#2	25.477	.02613	.00060	.00058	.00059	.00139	-.00050
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00175	-.00125	.00050	-.00158	-.00008	.01283	-.00044
SDev	.00409	.00144	.00015	.00154	.00011	.00017	.00066
%RSD	233.37	114.87	30.428	97.480	136.03	1.3435	149.49
#1	-.00114	-.00227	.00060	-.00049	-.00000	.01295	-.00091
#2	.00464	-.00024	.00039	-.00266	-.00016	.01270	.00003
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00135	.00535
SDev	.00078	.00083
%RSD	58.069	15.588
#1	.00190	.00476
#2	.00079	.00594
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6073	--	--	--	--	--	--
SDev	11.24293	--	--	--	--	--	--
%RSD	.1851191	--	--	--	--	--	--
#1	6081	--	--	--	--	--	--
#2	6065	--	--	--	--	--	--

Analysis Report 12/19/05 07:22:18 PM page 1

Method: TRACE1 Sample Name: AD572057 Operator: SW
Run Time: 12/19/05 19:17:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02657	.00316	1.7318	.16103	.00061	145.21	.00006
SDev	.00297	.00122	.0041	.00039	.00004	.46	.00008
%RSD	11.183	38.555	.23895	.24153	6.9331	.31754	130.58
#1	.02447	.00230	1.7289	.16075	.00058	144.89	.00000
#2	.02867	.00402	1.7347	.16130	.00064	145.54	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00473	.00403	.00010	2.8642	26.617	101.37	.05288
SDev	.00026	.00012	.00002	.0085	.028	.23	.00012
%RSD	5.5044	2.9527	24.028	.29743	.10380	.22228	.22711
#1	.00454	.00394	.00008	2.8582	26.598	101.21	.05279
#2	.00491	.00411	.00011	2.8703	26.637	101.53	.05296
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	357.06	.03498	-.00029	.00145	.00087	-.00157	-.00171
SDev	.88	.00090	.00078	.00101	.00093	.00158	.00220
%RSD	.24598	2.5622	268.03	69.451	106.86	100.76	128.18
#1	356.44	.03434	.00026	.00216	.00153	-.00045	-.00327
#2	357.68	.03561	-.00084	.00074	.00021	-.00269	-.00016
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00174	-.00322	.00048	-.00027	.00001	.01880	-.00164
SDev	.00119	.00178	.00015	.00091	.00035	.00005	.00218
%RSD	68.399	55.127	30.619	333.72	3153.5	.27580	133.22
#1	.00258	-.00197	.00037	-.00091	-.00024	.01877	-.00318
#2	.00090	-.00448	.00058	.00037	.00026	.01884	-.00010
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00147	.00355
SDev	.00007	.00005
%RSD	5.0916	1.3783
#1	.00141	.00358
#2	.00152	.00351
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5920	--	--	--	--	--	--
SDev	16.22789	--	--	--	--	--	--
%RSD	.2741418	--	--	--	--	--	--
#1	5931	--	--	--	--	--	--
#2	5908	--	--	--	--	--	--

Analysis Report QC Standard 12/19/05 07:28:28 PM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 12/19/05 19:23:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.693	.49508	.47854	.49106	.50359	25.125	.48397
SDev	.031	.00135	.00074	.00025	.00092	.125	.00291
%RSD	.12160	.27215	.15385	.05049	.18207	.49577	.60100
#1	25.671	.49604	.47802	.49088	.50294	25.037	.48191
#2	25.715	.49413	.47906	.49123	.50423	25.213	.48602
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49391	.49966	.52831	25.090	25.593	24.940	.49947
SDev	.00175	.00208	.00005	.100	.021	.086	.00094
%RSD	.35364	.41694	.01023	.39876	.08096	.34495	.18770
#1	.49268	.49819	.52835	25.019	25.578	24.879	.49880
#2	.49515	.50113	.52827	25.161	25.608	25.001	.50013
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.331	.50016	.49998	.49669	.49779	.50090	.49248
SDev	.109	.00284	.00082	.00384	.00229	.00083	.00136
%RSD	.42960	.56869	.16448	.77300	.45944	.16606	.27634
#1	25.408	.49815	.50057	.49397	.49617	.50148	.49152
#2	25.254	.50217	.49940	.49940	.49940	.50031	.49344
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49814	.50228	.50435	.50512	.49461	.49333	.52754
SDev	.00190	.00220	.00085	.00089	.00168	.00146	.00019
%RSD	.38069	.43718	.16762	.17512	.33944	.29681	.03580
#1	.49680	.50383	.50375	.50449	.49342	.49230	.52741
#2	.49948	.50073	.50495	.50574	.49580	.49437	.52768
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.49519	.53168
SDev	.00114	.00148
%RSD	.22956	.27903
#1	.49439	.53064
#2	.49599	.53273
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6113	--	--	--	--	--	--
SDev	9.651938	--	--	--	--	--	--
%RSD	.1578797	--	--	--	--	--	--
#1	6120	--	--	--	--	--	--
#2	6107	--	--	--	--	--	--

Analysis Report Blank Sample 12/19/05 07:33:20 PM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 12/19/05 19:28:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03187	.00027	.00227	-.00017	.00040	.02227	.00004
SDev	.00358	.00123	.00006	.00001	.00006	.00071	.00007
%RSD	11.222	454.36	2.4659	7.3504	13.896	3.1927	190.33
#1	.03440	.00114	.00231	-.00018	.00044	.02176	-.00001
#2	.02934	-.00060	.00223	-.00016	.00036	.02277	.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00008	-.00017	.00037	-.00248	-.00576	.01793	-.00000
SDev	.00032	.00019	.00012	.00957	.00138	.00147	.00003
%RSD	405.60	112.01	31.010	385.92	24.006	8.1844	1019.8
#1	-.00030	-.00030	.00045	-.00925	-.00673	.01689	.00002
#2	.00015	-.00003	.00029	.00429	-.00478	.01897	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14572	.00046	-.00034	.00033	.00011	-.00226	-.00132
SDev	.07146	.00007	.00209	.00054	.00106	.00048	.00097
%RSD	49.037	14.812	616.78	163.79	986.19	21.347	73.363
#1	.09519	.00041	.00114	.00071	.00085	-.00260	-.00200
#2	.19624	.00050	-.00182	-.00005	-.00064	-.00191	-.00063
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00051	-.00313	.00022	.00002	-.00048	-.00002	-.00160
SDev	.00011	.00067	.00001	.00027	.00000	.00010	.00098
%RSD	20.984	21.376	4.4023	1697.8	.19056	460.33	60.943
#1	-.00058	-.00360	.00021	.00021	-.00048	-.00009	-.00229
#2	-.00043	-.00266	.00023	-.00017	-.00048	.00005	-.00091
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00108	.00096
SDev	.00030	.00003
%RSD	27.920	3.6673
#1	.00087	.00098
#2	.00130	.00093
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6081	--	--	--	--	--	--
SDev	22.27386	--	--	--	--	--	--
%RSD	.3662591	--	--	--	--	--	--
#1	6066	--	--	--	--	--	--
#2	6097	--	--	--	--	--	--

Analysis Report 12/19/05 07:38:11 PM page 1

Method: TRACE1 Sample Name: AD572058 Operator: SW
Run Time: 12/19/05 19:33:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02421	.00179	1.3630	.05117	.00063	148.75	.00002
SDev	.00417	.00169	.0070	.00012	.00003	.43	.00023
%RSD	17.246	94.572	.51201	.22483	4.8338	.29241	1276.5
#1	.02126	.00298	1.3581	.05109	.00061	148.44	-.00015
#2	.02716	.00059	1.3679	.05125	.00065	149.06	.00018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00995	.00263	.00219	4.0214	23.185	111.75	.07493
SDev	.00069	.00015	.00010	.0229	.063	.36	.00025
%RSD	6.9759	5.5686	4.6128	.56888	.27147	.32080	.32797
#1	.00946	.00253	.00212	4.0052	23.141	111.50	.07476
#2	.01044	.00274	.00226	4.0376	23.230	112.00	.07510
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	279.44	.02665	-.00060	.00100	.00047	.00020	-.00338
SDev	.97	.00034	.00073	.00051	.00058	.00069	.00271
%RSD	.34814	1.2869	121.14	50.999	125.14	344.48	80.241
#1	278.75	.02641	-.00112	.00064	.00005	-.00029	-.00146
#2	280.13	.02690	-.00009	.00136	.00088	.00069	-.00530
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00141	-.00040	.00027	-.00271	-.00002	.01551	-.00352
SDev	.00002	.00103	.00026	.00165	.00035	.00015	.00017
%RSD	1.5516	255.03	97.696	61.052	1829.9	.96419	4.7995
#1	.00139	-.00113	.00008	-.00388	-.00026	.01562	-.00340
#2	.00142	.00032	.00046	-.00154	.00023	.01541	-.00364
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00117	.00211
SDev	.00027	.00073
%RSD	22.961	34.631
#1	.00098	.00159
#2	.00136	.00263
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5937	--	--	--	--	--	--
SDev	19.40987	--	--	--	--	--	--
%RSD	.3269100	--	--	--	--	--	--
#1	5951	--	--	--	--	--	--
#2	5924	--	--	--	--	--	--

Analysis Report 12/19/05 07:43:03 PM page 1

Method: TRACE1 Sample Name: AD572059 Operator: SW
Run Time: 12/19/05 19:38:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01945	.00122	.00478	.00018	.00028	.08537	.00000
SDev	.00129	.00001	.00038	.00003	.00001	.00075	.00014
%RSD	6.6207	.55939	7.9650	14.537	5.2597	.87863	3145.5
#1	.02036	.00122	.00504	.00016	.00026	.08484	.00010
#2	.01854	.00123	.00451	.00020	.00029	.08590	-.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	.00007	.00045	.00715	.00110	.04691	.00015
SDev	.00009	.00036	.00023	.00269	.01469	.00277	.00005
%RSD	60.618	533.03	50.475	37.613	1337.8	5.9136	32.210
#1	.00022	.00032	.00061	.00905	.01149	.04887	.00019
#2	.00009	-.00019	.00029	.00525	-.00929	.04495	.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.26004	.00034	-.00125	.00218	.00104	.00313	-.00312
SDev	.02896	.00010	.00048	.00002	.00017	.00229	.00485
%RSD	11.138	29.810	38.499	.68377	16.434	73.183	155.34
#1	.28052	.00027	-.00091	.00219	.00116	.00151	.00031
#2	.23956	.00041	-.00160	.00217	.00092	.00475	-.00656
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00300	.00320	.00044	.00050	-.00032	.00354	-.00127
SDev	.00181	.00253	.00002	.00129	.00000	.00029	.00048
%RSD	60.444	79.156	3.7972	255.50	.01149	8.3099	37.950
#1	.00172	.00141	.00045	-.00041	-.00032	.00333	-.00093
#2	.00428	.00499	.00043	.00141	-.00032	.00375	-.00161
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00140	.00012
SDev	.00025	.00067
%RSD	17.711	562.16
#1	.00158	-.00035
#2	.00123	.00059
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6157	--	--	--	--	--	--
SDev	6.470303	--	--	--	--	--	--
%RSD	.1050813	--	--	--	--	--	--
#1	6162	--	--	--	--	--	--
#2	6153	--	--	--	--	--	--

Analysis Report 12/19/05 07:47:54 PM page 1

Method: TRACE1 Sample Name: AD572060 Operator: SW
Run Time: 12/19/05 19:43:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02499	.00001	.00692	.00061	.00027	.50103	.00004
SDev	.00431	.00009	.00103	.00001	.00007	.00369	.00006
%RSD	17.254	1141.3	14.921	.76928	24.597	.73697	151.09
#1	.02804	-.00006	.00765	.00062	.00032	.50364	-.00000
#2	.02194	.00007	.00619	.00061	.00022	.49842	.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00013	.00056	.00098	.01766	.05668	.34268	.00062
SDev	.00039	.00040	.00034	.00146	.00958	.00324	.00008
%RSD	291.91	71.338	35.196	8.2522	16.906	.94582	12.601
#1	-.00014	.00084	.00122	.01869	.06346	.34497	.00067
#2	.00041	.00028	.00074	.01663	.04990	.34038	.00056
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0217	.00069	-.00092	.00203	.00105	.00003	-.00252
SDev	.1687	.00002	.00189	.00027	.00081	.00088	.00234
%RSD	16.511	2.9511	206.22	13.213	77.156	2528.4	92.971
#1	1.1409	.00070	.00042	.00222	.00162	.00066	-.00418
#2	.90239	.00068	-.00226	.00184	.00048	-.00059	-.00086
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00102	-.00046	.00046	-.00159	-.00001	.00443	.00079
SDev	.00042	.00153	.00003	.00018	.00000	.00036	.00083
%RSD	41.614	336.41	7.0457	11.575	13.665	8.1756	105.19
#1	.00072	.00063	.00049	-.00146	-.00001	.00418	.00137
#2	.00131	-.00154	.00044	-.00172	-.00001	.00469	.00020
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00160	.00018
SDev	.00014	.00046
%RSD	8.9473	256.55
#1	.00170	-.00015
#2	.00149	.00050
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6156	--	--	--	--	--	--
SDev	34.15312	--	--	--	--	--	--
%RSD	.5548345	--	--	--	--	--	--
#1	6131	--	--	--	--	--	--
#2	6180	--	--	--	--	--	--

Analysis Report 12/19/05 07:52:45 PM page 1

Method: TRACE1 Sample Name: AD572061 Operator: SW
Run Time: 12/19/05 19:47:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02277	.00040	.07116	.02902	.00078	266.82	.00004
SDev	.00092	.00120	.00049	.00002	.00002	.43	.00002
%RSD	4.0228	301.01	.69575	.07856	2.0223	.15984	59.758
#1	.02212	.00125	.07151	.02904	.00080	267.12	.00005
#2	.02342	-.00045	.07081	.02900	.00077	266.51	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00242	-.00010	.00052	.08708	1.9182	73.929	.86472
SDev	.00010	.00015	.00012	.02046	.0113	.058	.00071
%RSD	4.1454	147.54	23.010	23.495	.58826	.07879	.08205
#1	.00249	-.00021	.00060	.07261	1.9262	73.970	.86522
#2	.00235	.00000	.00043	.10155	1.9103	73.887	.86422
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.304	.00606	-.00203	.00260	.00105	.00231	-.00081
SDev	.031	.00048	.00127	.00082	.00097	.00046	.00233
%RSD	.22996	7.9031	62.373	31.491	91.855	20.033	288.46
#1	13.326	.00572	-.00114	.00317	.00174	.00198	.00084
#2	13.282	.00640	-.00293	.00202	.00037	.00263	-.00245
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00112	.00290	.00017	-.00089	-.00017	.00821	-.00215
SDev	.00170	.00015	.00017	.00094	.00047	.00009	.00187
%RSD	151.20	5.3299	100.87	105.04	283.42	1.0326	86.974
#1	-.00008	.00301	.00005	-.00023	-.00050	.00815	-.00083
#2	.00232	.00279	.00030	-.00156	.00017	.00827	-.00347
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00120	.00029
SDev	.00016	.00040
%RSD	13.198	136.22
#1	.00109	.00057
#2	.00131	.00001
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5844	--	--	--	--	--	--
SDev	12.62192	--	--	--	--	--	--
%RSD	.2159837	--	--	--	--	--	--
#1	5835	--	--	--	--	--	--
#2	5853	--	--	--	--	--	--

Analysis Report 12/19/05 07:57:37 PM page 1

Method: TRACE1 Sample Name: A5D97703 Operator: SW
Run Time: 12/19/05 19:52:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47086	.00827	.03850	.04448	.00052	107.59	.00004
SDev	.00376	.00079	.00010	.00010	.00000	.03	.00004
%RSD	.79933	9.5091	.25812	.23150	.38376	.02663	90.335
#1	.46819	.00772	.03858	.04441	.00052	107.61	.00007
#2	.47352	.00883	.03843	.04456	.00051	107.57	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00026	.00030	.01118	1.2137	27.867	24.992	.09051
SDev	.00032	.00056	.00005	.0023	.012	.008	.00002
%RSD	124.94	186.60	.44204	.19313	.04213	.03303	.02337
#1	.00003	.00069	.01121	1.2121	27.875	24.986	.09049
#2	.00048	-.00010	.01114	1.2154	27.858	24.998	.09052
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	79.205	.00211	-.00158	.00255	.00118	-.00039	-.00204
SDev	.053	.00087	.00210	.00153	.00032	.00098	.00038
%RSD	.06692	41.029	133.52	60.209	27.489	253.86	18.708
#1	79.168	.00150	-.00009	.00146	.00095	.00031	-.00232
#2	79.243	.00272	-.00306	.00363	.00140	-.00108	-.00177
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00056	-.00086	.02084	-.00233	.00237	.05929	-.00246
SDev	.00675	.00190	.00241	.00087	.00000	.00008	.00066
%RSD	1204.2	221.45	11.552	37.457	.01945	.13447	26.951
#1	.00533	-.00221	.02255	-.00171	.00237	.05923	-.00199
#2	-.00421	.00049	.01914	-.00295	.00237	.05935	-.00292
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00135	.00073
SDev	.00025	.00000
%RSD	18.422	.05300
#1	.00117	.00073
#2	.00152	.00073
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6048	--	--	--	--	--	--
SDev	1.909326	--	--	--	--	--	--
%RSD	.0315711	--	--	--	--	--	--
#1	6046	--	--	--	--	--	--
#2	6049	--	--	--	--	--	--

Analysis Report 12/19/05 08:02:28 PM page 1

Method: TRACE1 Sample Name: AD572120/PB Operator: SW
Run Time: 12/19/05 19:57:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02059	.00125	.00117	-.00008	.00025	.03581	.00015
SDev	.00405	.00131	.00064	.00001	.00001	.00023	.00003
%RSD	19.671	105.38	54.577	15.958	4.4356	.65087	22.574
#1	.02345	.00032	.00162	-.00007	.00026	.03597	.00018
#2	.01772	.00218	.00072	-.00009	.00024	.03564	.00013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	-.00016	.00063	.01152	.04029	.00440	.00022
SDev	.00023	.00032	.00002	.00067	.00860	.00132	.00005
%RSD	201.77	199.47	3.4964	5.8268	21.335	29.978	22.405
#1	.00005	.00007	.00061	.01199	.04637	.00533	.00026
#2	-.00027	-.00039	.00064	.01104	.03421	.00347	.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17132	-.00029	.00168	.00136	.00146	-.00028	-.00103
SDev	.09871	.00005	.00110	.00048	.00005	.00065	.00111
%RSD	57.617	17.207	65.848	35.378	3.2280	230.18	107.60
#1	.24112	-.00032	.00246	.00102	.00150	.00018	-.00182
#2	.10152	-.00025	.00090	.00170	.00143	-.00074	-.00025
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00442	.00179	.00062	-.00382	-.00032	.00515	H.04636
SDev	.00019	.00087	.00006	.00131	.00000	.00038	.00073
%RSD	4.3563	48.672	9.4071	34.268	.13144	7.4016	1.5768
#1	-.00429	.00241	.00066	-.00289	-.00032	.00488	H.04688
#2	-.00456	.00117	.00058	-.00474	-.00032	.00542	H.04584
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00115	.00045
SDev	.00006	.00143
%RSD	5.3835	315.61
#1	.00111	-.00056
#2	.00120	.00146
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6117	--	--	--	--	--	--
SDev	10.18227	--	--	--	--	--	--
%RSD	.1664545	--	--	--	--	--	--
#1	6110	--	--	--	--	--	--
#2	6124	--	--	--	--	--	--

Analysis Report 12/19/05 08:07:20 PM page 1

Method: TRACE1 Sample Name: AD572119/CLPSL Operator: SW
Run Time: 12/19/05 20:02:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	67.816	.72026	.82060	1.3960	1.2820	39.807	2.0245
SDev	.163	.00075	.00108	.0040	.0014	.061	.0020
%RSD	.24055	.10409	.13178	.28366	.11013	.15215	.09976
#1	67.931	.72079	.81984	1.3988	1.2810	39.850	2.0259
#2	67.701	.71973	.82137	1.3932	1.2830	39.764	2.0230
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	108.00	.97300	1.3900	1.8400	1.6900	52.200	2.7700
Low	43.900	.64500	.54000	1.2800	1.1700	34.200	1.8800

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.61968	.51881	1.2760	97.543	22.853	20.005	2.6733
SDev	.00052	.00055	.0036	.230	.037	.031	.0002
%RSD	.08480	.10608	.28495	.23558	.16188	.15336	.00709
#1	.62005	.51920	1.2786	97.705	22.879	20.027	2.6731
#2	.61931	.51842	1.2734	97.380	22.827	19.983	2.6734
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.81100	.73800	1.5400	214.00	30.600	27.300	3.6500
Low	.56100	.47700	1.0800	74.200	17.000	17.100	2.4300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.0909	.45293	.69086	.68998	.69027	.76734	.51430
SDev	.0305	.00297	.00077	.00010	.00032	.00297	.00132
%RSD	.74523	.65470	.11200	.01393	.04661	.38648	.25708
#1	4.0693	.45084	.69140	.69005	.69050	.76524	.51523
#2	4.1125	.45503	.69031	.68991	.69004	.76944	.51336
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	6.5800	.58800			.91800	1.0300	1.7300
Low	2.5400	.40400			.61900	.62600	.00690

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.75669	.77267	2.8192	1.4672	.58284	1.0101	1.6932
SDev	.00005	.00448	.0131	.0063	.00056	.0005	.0035
%RSD	.00716	.57923	.46299	.42775	.09639	.04604	.20550
#1	.75673	.76951	2.8284	1.4628	.58323	1.0105	1.6908
#2	.75666	.77584	2.8099	1.4717	.58244	1.0098	1.6957
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			4.5100	1.9700	.93000	1.4100	2.2800
Low			1.1100	1.1900	.51700	.90500	1.2200

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.75780	.56093
SDev	.00174	.00150
%RSD	.22986	.26786
#1	.75903	.55987
#2	.75657	.56199

Errors	LC Pass	LC Pass
High	1.1100	.70500
Low	.49000	.46300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6722	--	--	--	--	--	--
SDev	4.242641	--	--	--	--	--	--
%RSD	.0631190	--	--	--	--	--	--
#1	6719	--	--	--	--	--	--
#2	6725	--	--	--	--	--	--

Analysis Report 12/19/05 08:12:11 PM page 1

Method: TRACE1 Sample Name: AD572106 Operator: SW
Run Time: 12/19/05 20:07:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	97.406	.29369	.02171	.90600	.00432	28.525	.00490
SDev	.052	.00123	.00075	.00009	.00002	.046	.00007
%RSD	.05357	.42023	3.4419	.01039	.44681	.16013	1.3809
#1	97.369	.29282	.02223	.90593	.00431	28.493	.00485
#2	97.443	.29456	.02118	.90607	.00433	28.558	.00495
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05657	.11400	.19168	132.55	9.3165	25.167	4.5144
SDev	.00006	.00075	.00011	.20	.0060	.026	.0048
%RSD	.10246	.65429	.05728	.15250	.06422	.10348	.10628
#1	.05661	.11453	.19176	132.41	9.3207	25.148	4.5110
#2	.05653	.11347	.19161	132.70	9.3123	25.185	4.5178
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.75957	.11595	2.7722	2.7427	2.7525	.01150	-.00131
SDev	.09926	.00024	.0048	.0024	.0032	.00170	.00146
%RSD	13.068	.21019	.17246	.08728	.11584	14.783	111.32
#1	.82976	.11578	2.7688	2.7410	2.7503	.01270	-.00234
#2	.68938	.11612	2.7755	2.7444	2.7548	.01030	-.00028
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00573	.01438	1.9831	.00104	.17745	1.5940	.03078
SDev	.00001	.00254	.0201	.00147	.00012	.0013	.00008
%RSD	.23010	17.679	1.0133	142.29	.06531	.07868	.27216
#1	.00573	.01618	1.9688	.00208	.17737	1.5931	.03072
#2	.00572	.01259	1.9973	-.00001	.17753	1.5949	.03084
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00187	.00611
SDev	.00001	.00100
%RSD	.35537	16.436
#1	.00188	.00540
#2	.00187	.00682
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6642	--	--	--	--	--	--
SDev	8.591278	--	--	--	--	--	--
%RSD	.1293404	--	--	--	--	--	--
#1	6648	--	--	--	--	--	--
#2	6636	--	--	--	--	--	--

Analysis Report 12/19/05 08:17:03 PM page 1

Method: TRACE1 Sample Name: AD572107 Operator: SW
Run Time: 12/19/05 20:12:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	84.540	.04941	.02177	.47070	.00360	23.558	.00425
SDev	.023	.00032	.00038	.00030	.00001	.029	.00014
%RSD	.02695	.64286	1.7485	.06404	.31532	.12266	3.2770
#1	84.556	.04963	.02150	.47091	.00361	23.538	.00435
#2	84.524	.04918	.02204	.47049	.00359	23.578	.00415
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04681	.09645	.16473	107.21	9.7845	21.249	4.9954
SDev	.00019	.00013	.00049	.08	.0112	.011	.0019
%RSD	.41717	.13788	.29909	.07267	.11450	.05378	.03730
#1	.04695	.09654	.16438	107.16	9.7924	21.241	4.9941
#2	.04668	.09635	.16508	107.27	9.7766	21.257	4.9967
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.63042	.09130	.27593	.28009	.27871	.00961	-.00323
SDev	.06152	.00061	.00255	.00018	.00097	.00104	.00347
%RSD	9.7581	.67195	.92570	.06300	.34741	10.830	107.53
#1	.58692	.09173	.27412	.27997	.27802	.01034	-.00568
#2	.67392	.09086	.27774	.28022	.27939	.00887	-.00077
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00106	.01388	1.7174	-.00056	.13863	.83414	.02327
SDev	.00160	.00236	.0111	.00136	.00008	.00220	.00103
%RSD	150.15	16.995	.64556	244.21	.05728	.26387	4.4333
#1	-.00007	.01555	1.7252	-.00152	.13869	.83258	.02254
#2	.00219	.01221	1.7096	.00041	.13858	.83569	.02400
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00166	.00405
SDev	.00037	.00043
%RSD	22.266	10.643
#1	.00140	.00435
#2	.00193	.00374
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6600	--	--	--	--	--	--
SDev	.9546632	--	--	--	--	--	--
%RSD	.0144654	--	--	--	--	--	--
#1	6600	--	--	--	--	--	--
#2	6599	--	--	--	--	--	--

Analysis Report 12/19/05 08:21:54 PM page 1

Method: TRACE1 Sample Name: AD572108 Operator: SW
Run Time: 12/19/05 20:17:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	81.079	.13923	.02530	.72695	.00429	74.830	.00718
SDev	.147	.00004	.00012	.00122	.00003	.165	.00014
%RSD	.18171	.03134	.46395	.16845	.75061	.21997	1.9510
#1	81.183	.13926	.02522	.72782	.00431	74.947	.00708
#2	80.975	.13920	.02539	.72609	.00426	74.714	.00727
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04189	.24679	.33099	118.53	7.2814	44.223	2.9101
SDev	.00030	.00002	.00104	.17	.0335	.095	.0014
%RSD	.70592	.00912	.31323	.14676	.46043	.21377	.04853
#1	.04210	.24681	.33172	118.65	7.3052	44.289	2.9111
#2	.04168	.24677	.33025	118.41	7.2577	44.156	2.9091
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.92528	.12524	1.7145	1.7027	1.7067	.00962	-.00131
SDev	.09044	.00038	.0016	.0027	.0023	.00105	.00042
%RSD	9.7742	.30057	.09435	.15760	.13644	10.887	31.661
#1	.98923	.12550	1.7157	1.7046	1.7083	.01036	-.00161
#2	.86133	.12497	1.7134	1.7008	1.7050	.00888	-.00102
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00135	.01511	1.8530	-.00079	.15179	1.6603	.08334
SDev	.00116	.00215	.0073	.00115	.00036	.0012	.00339
%RSD	85.725	14.241	.39646	144.85	.23865	.07465	4.0640
#1	-.00218	.01663	1.8582	-.00160	.15204	1.6594	.08574
#2	-.00053	.01359	1.8478	.00002	.15153	1.6612	.08095
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00329	.00644
SDev	.00007	.00001
%RSD	2.1983	.22342
#1	.00334	.00645
#2	.00324	.00643
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6560	--	--	--	--	--	--
SDev	15.59191	--	--	--	--	--	--
%RSD	.2376644	--	--	--	--	--	--
#1	6549	--	--	--	--	--	--
#2	6572	--	--	--	--	--	--

Analysis Report QC Standard 12/19/05 08:28:06 PM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 12/19/05 20:23:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.431	.49258	.46572	.47984	.49799	25.122	.48750
SDev	.076	.00009	.00094	.00110	.00053	.068	.00159
%RSD	.30058	.01854	.20298	.23014	.10734	.27112	.32612
#1	25.485	.49265	.46505	.48062	.49761	25.170	.48863
#2	25.377	.49252	.46638	.47906	.49837	25.074	.48638
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49397	.49788	.52263	24.869	25.649	24.898	.50186
SDev	.00096	.00056	.00082	.069	.069	.032	.00038
%RSD	.19524	.11329	.15622	.27724	.26911	.12694	.07535
#1	.49465	.49828	.52321	24.918	25.698	24.920	.50212
#2	.49329	.49748	.52205	24.820	25.600	24.875	.50159
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.176	.49760	.49760	.49308	.49459	.49684	.49520
SDev	.012	.00039	.00084	.00208	.00167	.00074	.00332
%RSD	.04877	.07807	.16932	.42138	.33693	.14918	.67103
#1	25.167	.49733	.49820	.49455	.49576	.49632	.49285
#2	25.185	.49788	.49700	.49161	.49341	.49737	.49755
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49335	.49860	.50613	.49814	.49524	.49570	.53117
SDev	.00158	.00032	.00010	.00070	.00067	.00017	.00273
%RSD	.32007	.06464	.02017	.14130	.13601	.03400	.51456
#1	.49223	.49837	.50621	.49764	.49571	.49558	.52924
#2	.49447	.49883	.50606	.49863	.49476	.49582	.53311
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.50053	.53793
SDev	.00115	.00278
%RSD	.23062	.51704
#1	.50134	.53596
#2	.49971	.53990
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6117	--	--	--	--	--	--
SDev	20.78887	--	--	--	--	--	--
%RSD	.3398790	--	--	--	--	--	--
#1	6102	--	--	--	--	--	--
#2	6131	--	--	--	--	--	--

Analysis Report Blank Sample 12/19/05 08:32:58 PM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 12/19/05 20:28:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01796	-.00066	.00167	-.00013	.00032	.00601	.00006
SDev	.00104	.00088	.00077	.00003	.00002	.00034	.00008
%RSD	5.8145	134.72	46.016	20.082	4.9083	5.6229	130.37
#1	.01722	-.00128	.00112	-.00015	.00031	.00625	.00012
#2	.01870	-.00003	.00221	-.00011	.00033	.00577	.00000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00043	-.00021	.00034	.00761	-.01585	.00580	.00020
SDev	.00001	.00035	.00002	.00202	.00686	.00131	.00003
%RSD	2.7449	167.70	6.7640	26.605	43.277	22.567	12.261
#1	.00044	.00004	.00032	.00904	-.02071	.00487	.00019
#2	.00043	-.00045	.00035	.00618	-.01100	.00672	.00022
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08020	.00062	-.00131	.00184	.00079	.00026	.00039
SDev	.05425	.00042	.00084	.00076	.00079	.00299	.00029
%RSD	67.646	67.387	64.263	41.491	99.597	1141.9	73.077
#1	.11857	.00092	-.00190	.00130	.00023	-.00185	.00019
#2	.04184	.00033	-.00071	.00238	.00135	.00238	.00059
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	.00045	.00057	-.00089	-.00001	.00046	.00010
SDev	.00201	.00549	.00000	.00054	.00000	.00039	.00016
%RSD	1769.8	1221.1	.00254	61.234	6.6703	84.554	152.40
#1	.00131	-.00343	.00057	-.00050	-.00001	.00073	.00022
#2	-.00153	.00433	.00057	-.00127	-.00000	.00018	-.00001
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00124	.00183
SDev	.00030	.00128
%RSD	24.542	70.179
#1	.00103	.00092
#2	.00146	.00273
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6145	--	--	--	--	--	--
SDev	7.530618	--	--	--	--	--	--
%RSD	.1225492	--	--	--	--	--	--
#1	6150	--	--	--	--	--	--
#2	6140	--	--	--	--	--	--

Analysis Report 12/19/05 08:37:50 PM page 1

Method: TRACE1 Sample Name: AD572109 Operator: SW
Run Time: 12/19/05 20:33:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	81.913	.14803	.02392	.48718	.00429	196.15	.00354
SDev	.263	.00091	.00086	.00060	.00002	.71	.00026
%RSD	.32089	.61723	3.6069	.12303	.52999	.35951	7.2435
#1	81.727	.14868	.02331	.48676	.00428	195.65	.00372
#2	82.099	.14739	.02453	.48760	.00431	196.65	.00336
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04320	.08633	.11324	148.46	6.7842	115.21	4.0056
SDev	.00020	.00023	.00034	.39	.0008	.31	.0035
%RSD	.45861	.26486	.29795	.26225	.01214	.27334	.08779
#1	.04306	.08649	.11348	148.18	6.7848	114.99	4.0032
#2	.04334	.08617	.11300	148.73	6.7836	115.43	4.0081
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.67033	.07790	.33628	.34031	.33897	.01244	-.00405
SDev	.06334	.00035	.00167	.00310	.00152	.00014	.00009
%RSD	9.4484	.45190	.49594	.91208	.44694	1.1544	2.3179
#1	.71511	.07815	.33745	.33812	.33790	.01254	-.00412
#2	.62554	.07765	.33510	.34251	.34004	.01234	-.00399
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00238	.01747	1.7552	-.00049	.17757	.33100	.02385
SDev	.00297	.00127	.0088	.00145	.00026	.00076	.00138
%RSD	124.65	7.2701	.49979	294.52	.14354	.23066	5.7701
#1	.00448	.01657	1.7614	.00053	.17739	.33046	.02482
#2	.00028	.01837	1.7490	-.00151	.17775	.33154	.02288
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00162	.00524
SDev	.00001	.00052
%RSD	.67289	9.8735
#1	.00163	.00487
#2	.00162	.00560
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6367	--	--	--	--	--	--
SDev	12.83392	--	--	--	--	--	--
%RSD	.2015654	--	--	--	--	--	--
#1	6376	--	--	--	--	--	--
#2	6358	--	--	--	--	--	--

Analysis Report 12/19/05 08:42:41 PM page 1

Method: TRACE1 Sample Name: AD572110 Operator: SW
Run Time: 12/19/05 20:37:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	67.503	.08315	.01630	.37275	.00285	12.930	.00302
SDev	.071	.00014	.00068	.00059	.00001	.023	.00002
%RSD	.10556	.16478	4.1817	.15824	.21623	.17798	.48249
#1	67.553	.08325	.01582	.37316	.00285	12.913	.00301
#2	67.453	.08305	.01678	.37233	.00286	12.946	.00303
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03522	.07440	.13222	92.539	5.5617	14.360	2.9622
SDev	.00005	.00105	.00003	.156	.0277	.015	.0041
%RSD	.12741	1.4073	.02294	.16841	.49751	.10202	.13919
#1	.03519	.07366	.13220	92.429	5.5812	14.350	2.9593
#2	.03525	.07514	.13224	92.650	5.5421	14.371	2.9651
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54997	.07022	.37021	.36841	.36901	.00782	-.00233
SDev	.08726	.00015	.00064	.00087	.00037	.00038	.00103
%RSD	15.866	.20768	.17214	.23662	.10006	4.9236	44.409
#1	.61167	.07033	.37066	.36780	.36875	.00809	-.00306
#2	.48827	.07012	.36976	.36903	.36927	.00754	-.00160
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00372	.00986	1.4861	-.00050	.11901	.93951	.02184
SDev	.00100	.00008	.0225	.00147	.00016	.00248	.00155
%RSD	26.756	.80122	1.5109	293.51	.13831	.26380	7.0984
#1	.00443	.00992	1.5020	.00054	.11912	.93776	.02294
#2	.00302	.00981	1.4702	-.00154	.11889	.94127	.02074
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00147	.00557
SDev	.00027	.00143
%RSD	18.455	25.737
#1	.00128	.00456
#2	.00166	.00659
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6510	--	--	--	--	--	--
SDev	7.636615	--	--	--	--	--	--
%RSD	.1173113	--	--	--	--	--	--
#1	6515	--	--	--	--	--	--
#2	6504	--	--	--	--	--	--

Analysis Report 12/19/05 08:47:33 PM page 1

Method: TRACE1 Sample Name: AD572111 Operator: SW
Run Time: 12/19/05 20:42:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	69.654	.14599	.03599	.69441	.00413	39.037	.00407
SDev	.007	.00105	.00077	.00002	.00002	.071	.00008
%RSD	.01054	.71782	2.1331	.00336	.56436	.18101	1.9338
#1	69.659	.14525	.03654	.69439	.00411	38.987	.00401
#2	69.649	.14673	.03545	.69442	.00415	39.087	.00412
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04403	.09619	.51593	115.99	10.686	20.456	2.8488
SDev	.00074	.00064	.00024	.13	.030	.022	.0043
%RSD	1.6734	.66968	.04678	.10817	.28438	.10883	.15199
#1	.04350	.09573	.51610	115.90	10.708	20.440	2.8457
#2	.04455	.09665	.51576	116.08	10.665	20.471	2.8519
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54159	.10957	.65992	.65219	.65476	.01999	.00189
SDev	.03551	.00009	.00181	.00174	.00056	.00022	.00261
%RSD	6.5571	.07995	.27376	.26723	.08566	1.0962	137.93
#1	.56670	.10951	.66119	.65096	.65437	.02015	.00005
#2	.51647	.10963	.65864	.65342	.65516	.01984	.00373
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01141	.02429	1.8201	-.00120	.13965	.89240	.04669
SDev	.00043	.00011	.0086	.00148	.00024	.00357	.00119
%RSD	3.7918	.46313	.47362	123.94	.17510	.40012	2.5571
#1	.01171	.02437	1.8140	-.00015	.13947	.88988	.04753
#2	.01110	.02421	1.8262	-.00225	.13982	.89493	.04584
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00208	.01133
SDev	.00010	.00057
%RSD	4.8191	5.0677
#1	.00215	.01174
#2	.00201	.01093
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6469	--	--	--	--	--	--
SDev	1.802984	--	--	--	--	--	--
%RSD	.0278700	--	--	--	--	--	--
#1	6471	--	--	--	--	--	--
#2	6468	--	--	--	--	--	--

Analysis Report 12/19/05 08:52:25 PM page 1

Method: TRACE1 Sample Name: AD572112 Operator: SW
Run Time: 12/19/05 20:47:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	78.880	.06298	.01578	.43751	.00350	12.814	.00289
SDev	.218	.00090	.00169	.00130	.00001	.013	.00010
%RSD	.27625	1.4281	10.703	.29661	.23860	.10511	3.5201
#1	79.034	.06362	.01458	.43843	.00350	12.824	.00282
#2	78.725	.06235	.01697	.43660	.00351	12.805	.00296
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03436	.08772	.16604	107.85	6.2319	15.964	2.8015
SDev	.00012	.00029	.00016	.11	.0207	.012	.0004
%RSD	.33878	.33561	.09543	.10240	.33158	.07520	.01271
#1	.03427	.08792	.16616	107.93	6.2465	15.973	2.8013
#2	.03444	.08751	.16593	107.77	6.2173	15.956	2.8018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.64440	.07745	.24627	.24904	.24812	.00613	-.00166
SDev	.02797	.00076	.00164	.00143	.00041	.00034	.00128
%RSD	4.3404	.98526	.66688	.57438	.16412	5.5711	77.249
#1	.66418	.07691	.24743	.24803	.24783	.00589	-.00256
#2	.62462	.07799	.24511	.25005	.24841	.00637	-.00075
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00057	.00948	1.8247	-.00220	.15149	1.3646	.02183
SDev	.00029	.00066	.0094	.00260	.00023	.0014	.00013
%RSD	50.990	6.9443	.51357	118.18	.14937	.09939	.58318
#1	-.00037	.00902	1.8313	-.00036	.15133	1.3636	.02174
#2	-.00078	.00995	1.8181	-.00404	.15165	1.3655	.02192
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00124	.00527
SDev	.00032	.00024
%RSD	25.754	4.5928
#1	.00101	.00544
#2	.00146	.00510
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6672	--	--	--	--	--	--
SDev	.5303301	--	--	--	--	--	--
%RSD	.0079481	--	--	--	--	--	--
#1	6673	--	--	--	--	--	--
#2	6672	--	--	--	--	--	--

Analysis Report 12/19/05 08:57:17 PM page 1

Method: TRACE1 Sample Name: AD572112/L (1:5) Operator: SW
Run Time: 12/19/05 20:52:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	17.292	.01403	.00373	.09493	.00093	2.8162	.00045
SDev	.058	.00161	.00068	.00018	.00001	.0036	.00009
%RSD	.33532	11.438	18.261	.19029	.72737	.12888	20.425
#1	17.251	.01517	.00421	.09480	.00093	2.8137	.00038
#2	17.333	.01290	.00325	.09506	.00094	2.8188	.00051
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00776	.01854	.03602	23.743	1.2878	3.5237	.61653
SDev	.00003	.00007	.00009	.054	.0060	.0018	.00129
%RSD	.42978	.39415	.24583	.22917	.46208	.05076	.20996
#1	.00778	.01859	.03608	23.704	1.2920	3.5225	.61561
#2	.00774	.01848	.03595	23.781	1.2836	3.5250	.61744
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19724	.01741	.05307	.05646	.05533	.00243	-.00282
SDev	.04770	.00061	.00272	.00078	.00143	.00126	.00027
%RSD	24.185	3.5161	5.1223	1.3791	2.5748	51.922	9.5312
#1	.23097	.01784	.05500	.05701	.05634	.00332	-.00263
#2	.16351	.01697	.05115	.05590	.05432	.00154	-.00301
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00065	.00332	.38511	-.00185	.03275	.30380	.00515
SDev	.00136	.00121	.00035	.00165	.00000	.00002	.00094
%RSD	209.39	36.471	.09060	89.360	.01060	.00620	18.321
#1	.00162	.00418	.38535	-.00068	.03275	.30381	.00448
#2	-.00031	.00246	.38486	-.00302	.03275	.30379	.00582
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00105	.00175
SDev	.00012	.00020
%RSD	11.217	11.279
#1	.00113	.00189
#2	.00097	.00161
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6310	--	--	--	--	--	--
SDev	.4243331	--	--	--	--	--	--
%RSD	.0067252	--	--	--	--	--	--
#1	6309	--	--	--	--	--	--
#2	6310	--	--	--	--	--	--

Analysis Report 12/19/05 09:02:09 PM page 1

Method: TRACE1 Sample Name: AD572112/PS Operator: SW
Run Time: 12/19/05 20:57:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	93.851	.41557	.35329	.77841	.36432	30.431	.35352
SDev	.407	.00325	.00059	.00311	.00075	.071	.00085
%RSD	.43335	.78209	.16805	.39960	.20615	.23453	.24157
#1	94.139	.41787	.35371	.78061	.36379	30.481	.35412
#2	93.564	.41327	.35287	.77621	.36485	30.380	.35292
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.39386	.44579	.53832	121.48	24.761	33.065	3.0389
SDev	.00009	.00007	.00181	.18	.090	.041	.0009
%RSD	.02343	.01652	.33585	.15216	.36518	.12266	.02841
#1	.39380	.44584	.53960	121.61	24.825	33.094	3.0395
#2	.39393	.44573	.53704	121.35	24.697	33.036	3.0383
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.846	.42820	.59437	.59339	.59371	.35317	.35008
SDev	.029	.00047	.00296	.00123	.00180	.00087	.00098
%RSD	.15525	.10998	.49784	.20705	.30399	.24713	.28115
#1	18.825	.42787	.59646	.59426	.59499	.35379	.35078
#2	18.866	.42853	.59227	.59252	.59244	.35255	.34939
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.34123	.35915	2.1132	.36184	.51037	1.6595	.39454
SDev	.00352	.00045	.0141	.00154	.00023	.0018	.00061
%RSD	1.0330	.12618	.66790	.42700	.04522	.10843	.15564
#1	.34372	.35883	2.1232	.36075	.51020	1.6582	.39411
#2	.33874	.35947	2.1032	.36293	.51053	1.6608	.39498
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.03536	.38089
SDev	.00029	.00007
%RSD	.81293	.01877
#1	.03516	.38084
#2	.03557	.38094
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6616	--	--	--	--	--	--
SDev	11.87926	--	--	--	--	--	--
%RSD	.1795480	--	--	--	--	--	--
#1	6608	--	--	--	--	--	--
#2	6625	--	--	--	--	--	--

Analysis Report 12/19/05 09:07:01 PM page 1

Method: TRACE1 Sample Name: AD572113/MD Operator: SW
Run Time: 12/19/05 21:02:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	71.579	.04984	.01343	.37598	.00292	11.410	.00225
SDev	.130	.00086	.00019	.00062	.00002	.015	.00006
%RSD	.18208	1.7213	1.4168	.16461	.51242	.13437	2.5970
#1	71.671	.04923	.01330	.37642	.00293	11.421	.00229
#2	71.486	.05045	.01357	.37554	.00291	11.399	.00220
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02942	.07812	.14351	91.010	5.5357	14.707	1.9327
SDev	.00011	.00007	.00023	.076	.0264	.006	.0003
%RSD	.36997	.08639	.15732	.08373	.47697	.03801	.01633
#1	.02950	.07807	.14335	91.064	5.5544	14.711	1.9325
#2	.02934	.07817	.14367	90.957	5.5171	14.704	1.9329
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.55513	.06911	.18678	.18971	.18874	.00726	-.00272
SDev	.05637	.00075	.00059	.00041	.00008	.00076	.00187
%RSD	10.155	1.0779	.31606	.21777	.04185	10.416	68.920
#1	.51527	.06858	.18720	.18942	.18868	.00672	-.00139
#2	.59499	.06964	.18637	.19001	.18879	.00779	-.00405
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00297	.01237	1.6489	-.00137	.13106	1.1334	.02253
SDev	.00066	.00081	.0095	.00120	.00042	.0016	.00009
%RSD	22.114	6.5066	.57887	87.948	.32441	.14150	.41147
#1	-.00344	.01180	1.6556	-.00052	.13136	1.1322	.02246
#2	-.00251	.01294	1.6421	-.00222	.13076	1.1345	.02260
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00118	.00380
SDev	.00012	.00121
%RSD	10.371	31.950
#1	.00109	.00466
#2	.00126	.00294
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6643	--	--	--	--	--	--
SDev	11.13693	--	--	--	--	--	--
%RSD	.1676536	--	--	--	--	--	--
#1	6635	--	--	--	--	--	--
#2	6651	--	--	--	--	--	--

Analysis Report 12/19/05 09:11:52 PM page 1

Method: TRACE1 Sample Name: AD572114/MS Operator: SW
Run Time: 12/19/05 21:07:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	74.943	.48193	.01458	.39185	.00312	11.783	.00237
SDev	.327	.00201	.00019	.00109	.00005	.090	.00003
%RSD	.43595	.41731	1.2850	.27685	1.7348	.76037	1.1777
#1	74.712	.48050	.01472	.39108	.00308	11.720	.00235
#2	75.174	.48335	.01445	.39261	.00315	11.847	.00239
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03129	.08310	.15142	98.838	5.8981	15.371	1.9595
SDev	.00016	.00037	.00002	.623	.0020	.089	.0060
%RSD	.50008	.44486	.01147	.63006	.03456	.58102	.30592
#1	.03118	.08283	.15140	98.398	5.8995	15.308	1.9552
#2	.03140	.08336	.15143	99.279	5.8967	15.434	1.9637
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.66365	.07178	.64404	.63949	.64101	.00910	-.00111
SDev	.05021	.00028	.00354	.00371	.00366	.00128	.00022
%RSD	7.5655	.39365	.55023	.58074	.57053	14.058	19.907
#1	.69915	.07198	.64153	.63687	.63842	.01000	-.00127
#2	.62815	.07158	.64655	.64212	.64359	.00819	-.00095
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00036	.01383	1.7184	.00005	.13924	1.1599	.02312
SDev	.00502	.00059	.0063	.00424	.00058	.0054	.00118
%RSD	1406.2	4.2714	.36435	7808.8	.41500	.46220	5.1001
#1	.00319	.01341	1.7140	.00305	.13883	1.1561	.02228
#2	-.00391	.01424	1.7229	-.00295	.13964	1.1637	.02395
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00121	.00421
SDev	.00017	.00144
%RSD	14.402	34.295
#1	.00109	.00523
#2	.00133	.00319
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6680	--	--	--	--	--	--
SDev	37.54744	--	--	--	--	--	--
%RSD	.5620664	--	--	--	--	--	--
#1	6707	--	--	--	--	--	--
#2	6654	--	--	--	--	--	--

Analysis Report 12/19/05 09:16:44 PM page 1

Method: TRACE1 Sample Name: AD572115/SD Operator: SW
Run Time: 12/19/05 21:11:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	84.323	.47799	.01363	.44326	.00355	13.144	.00263
SDev	.006	.00032	.00099	.00006	.00002	.006	.00007
%RSD	.00657	.06733	7.2844	.01244	.41363	.04879	2.8053
#1	84.319	.47777	.01293	.44322	.00356	13.140	.00269
#2	84.327	.47822	.01434	.44330	.00354	13.149	.00258
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03790	.09233	.16905	110.38	6.1199	18.032	2.6422
SDev	.00023	.00015	.00008	.00	.0138	.007	.0009
%RSD	.62034	.15871	.04509	.00115	.22569	.03625	.03246
#1	.03774	.09223	.16900	110.38	6.1102	18.027	2.6416
#2	.03807	.09243	.16911	110.39	6.1297	18.036	2.6428
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.63894	.08273	.66451	.66256	.66321	.00927	-.00201
SDev	.06099	.00014	.00009	.00278	.00188	.00102	.00521
%RSD	9.5453	.16885	.01308	.42005	.28426	11.050	259.08
#1	.68207	.08282	.66457	.66453	.66454	.00999	.00167
#2	.59582	.08263	.66444	.66060	.66188	.00855	-.00570
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00077	.01352	1.8438	-.00059	.15579	1.3593	.02221
SDev	.00091	.00108	.0016	.00232	.00070	.0008	.00204
%RSD	117.38	8.0098	.08632	395.31	.44767	.05525	9.1754
#1	.00141	.01428	1.8449	-.00223	.15530	1.3588	.02077
#2	.00013	.01275	1.8427	.00106	.15629	1.3598	.02365
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00067	.00509
SDev	.00013	.00066
%RSD	19.478	12.980
#1	.00076	.00462
#2	.00058	.00556
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6678	--	--	--	--	--	--
SDev	13.89458	--	--	--	--	--	--
%RSD	.2080579	--	--	--	--	--	--
#1	6668	--	--	--	--	--	--
#2	6688	--	--	--	--	--	--

Analysis Report 12/19/05 09:21:36 PM page 1

Method: TRACE1 Sample Name: AD572116 Operator: SW
Run Time: 12/19/05 21:16:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	86.424	.04902	.03701	.62524	.00494	343.53	.00366
SDev	.004	.00025	.00105	.00012	.00002	.47	.00012
%RSD	.00406	.51037	2.8344	.01885	.45256	.13725	3.2319
#1	86.422	.04919	.03627	.62516	.00496	343.20	.00358
#2	86.427	.04884	.03775	.62532	.00492	343.87	.00374
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05316	.11060	.21644	136.85	12.949	120.99	4.2622
SDev	.00014	.00019	.00040	.09	.025	.08	.0043
%RSD	.26083	.17491	.18581	.06658	.19651	.06971	.10063
#1	.05306	.11046	.21673	136.79	12.967	120.93	4.2592
#2	.05326	.11074	.21616	136.92	12.931	121.05	4.2652
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0461	.10755	.34387	.34671	.34577	.01132	-.00281
SDev	.0007	.00012	.00010	.00094	.00066	.00034	.00102
%RSD	.06747	.10689	.02965	.27056	.19078	3.0108	36.328
#1	1.0456	.10763	.34380	.34605	.34530	.01108	-.00209
#2	1.0466	.10747	.34395	.34737	.34623	.01156	-.00353
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00054	.01725	1.7320	.00108	.16925	.82902	.02865
SDev	.00210	.00054	.0272	.00228	.00007	.00241	.00118
%RSD	391.16	3.1300	1.5680	210.54	.04409	.29108	4.1322
#1	-.00202	.01763	1.7512	-.00053	.16920	.82732	.02781
#2	.00095	.01687	1.7128	.00269	.16931	.83073	.02949
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00143	.00493
SDev	.00022	.00166
%RSD	15.397	33.687
#1	.00127	.00376
#2	.00158	.00610
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6347	--	--	--	--	--	--
SDev	1.696987	--	--	--	--	--	--
%RSD	.0267351	--	--	--	--	--	--
#1	6346	--	--	--	--	--	--
#2	6349	--	--	--	--	--	--

Analysis Report QC Standard 12/19/05 09:27:51 PM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 12/19/05 21:23:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.901	.48271	.45759	.47239	.49129	24.709	.47744
SDev	.030	.00080	.00057	.00015	.00075	.029	.00116
%RSD	.11906	.16617	.12538	.03082	.15195	.11569	.24257
#1	24.922	.48214	.45719	.47250	.49076	24.689	.47662
#2	24.880	.48327	.45800	.47229	.49182	24.729	.47826
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48556	.48973	.51516	24.487	25.280	24.521	.49401
SDev	.00129	.00075	.00007	.043	.042	.044	.00087
%RSD	.26634	.15350	.01289	.17422	.16549	.17835	.17574
#1	.48464	.48920	.51521	24.457	25.310	24.490	.49340
#2	.48647	.49026	.51512	24.517	25.251	24.552	.49463
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.837	.48789	.48796	.48451	.48566	.48895	.48340
SDev	.034	.00216	.00200	.00157	.00038	.00753	.00207
%RSD	.13805	.44342	.40937	.32434	.07886	1.5406	.42771
#1	24.862	.48636	.48938	.48340	.48539	.48363	.48194
#2	24.813	.48942	.48655	.48562	.48593	.49428	.48487
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48347	.49170	.49666	.48739	.48706	.48979	.52509
SDev	.00042	.01109	.00074	.00115	.00007	.00139	.00000
%RSD	.08596	2.2557	.14971	.23517	.01437	.28400	.00006
#1	.48317	.48386	.49614	.48821	.48701	.48880	.52509
#2	.48376	.49955	.49719	.48658	.48711	.49077	.52509
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.49337	.53002
SDev	.00016	.00070
%RSD	.03238	.13234
#1	.49325	.52952
#2	.49348	.53052
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6196	--	--	--	--	--	--
SDev	1.908981	--	--	--	--	--	--
%RSD	.0308081	--	--	--	--	--	--
#1	6195	--	--	--	--	--	--
#2	6198	--	--	--	--	--	--

Analysis Report Blank Sample 12/19/05 09:32:45 PM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 12/19/05 21:27:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01819	.00103	.00092	-.00013	.00029	.01057	.00007
SDev	.00042	.00106	.00015	.00005	.00001	.00033	.00007
%RSD	2.2841	102.56	16.334	40.584	4.8146	3.1542	91.555
#1	.01848	.00028	.00102	-.00016	.00030	.01080	.00012
#2	.01790	.00178	.00081	-.00009	.00028	.01033	.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	-.00020	.00014	.01248	-.00327	.00553	.00026
SDev	.00024	.00000	.00016	.00203	.00514	.00080	.00005
%RSD	156.69	.55264	110.81	16.288	156.96	14.436	18.839
#1	-.00002	-.00020	.00003	.01104	.00036	.00497	.00029
#2	.00032	-.00020	.00026	.01391	-.00691	.00610	.00022
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07361	.00036	-.00028	.00131	.00078	.00038	-.00070
SDev	.06482	.00003	.00202	.00082	.00013	.00155	.00092
%RSD	88.065	9.0392	717.30	62.667	16.178	407.62	132.00
#1	.02777	.00038	.00115	.00073	.00087	.00147	-.00005
#2	.11944	.00033	-.00171	.00189	.00069	-.00071	-.00135
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00055	.00084	.00062	.00005	-.00016	.00026	-.00068
SDev	.00202	.00131	.00021	.00065	.00022	.00010	.00033
%RSD	369.48	155.31	33.614	1447.4	137.74	38.072	48.217
#1	.00088	.00177	.00047	.00051	-.00032	.00032	-.00091
#2	-.00198	-.00008	.00077	-.00042	-.00000	.00019	-.00045
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00125	.00130
SDev	.00004	.00041
%RSD	3.3777	31.216
#1	.00128	.00159
#2	.00122	.00102
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6103	--	--	--	--	--	--
SDev	7.742958	--	--	--	--	--	--
%RSD	.1268750	--	--	--	--	--	--
#1	6108	--	--	--	--	--	--
#2	6097	--	--	--	--	--	--

Analysis Report 12/19/05 09:37:37 PM page 1

Method: TRACE1 Sample Name: AD572117 Operator: SW
Run Time: 12/19/05 21:32:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	149.52	.04731	.02093	1.0357	.00734	23.296	.00363
SDev	.24	.00072	.00049	.0005	.00001	.026	.00003
%RSD	.15996	1.5311	2.3183	.04546	.14380	.11232	.70962
#1	149.69	.04680	.02128	1.0360	.00734	23.278	.00361
#2	149.35	.04782	.02059	1.0353	.00735	23.315	.00365
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09146	.18039	.21441	227.93	15.215	45.021	4.7654
SDev	.00000	.00003	.00078	.24	.038	.035	.0024
%RSD	.00293	.01416	.36282	.10462	.25128	.07791	.05083
#1	.09146	.18041	.21496	227.76	15.242	44.996	4.7637
#2	.09147	.18037	.21386	228.10	15.188	45.046	4.7671
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.72374	.20574	.06297	.07286	.06957	.01253	-.00515
SDev	.10551	.00011	.00002	.00161	.00107	.00140	.00125
%RSD	14.578	.05408	.02861	2.2074	1.5335	11.195	24.192
#1	.79835	.20567	.06296	.07400	.07032	.01153	-.00427
#2	.64913	.20582	.06298	.07173	.06881	.01352	-.00603
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00226	.01992	2.8578	.00010	.27289	.47837	.03480
SDev	.00247	.00334	.0094	.00119	.00045	.00165	.00044
%RSD	109.56	16.766	.32741	1194.1	.16440	.34470	1.2730
#1	-.00051	.01756	2.8512	-.00074	.27257	.47720	.03448
#2	-.00400	.02228	2.8644	.00094	.27320	.47953	.03511
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00049	.00546
SDev	.00026	.00123
%RSD	52.565	22.574
#1	.00031	.00633
#2	.00067	.00458
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	7082	--	--	--	--	--	--
SDev	.6363270	--	--	--	--	--	--
%RSD	.0089852	--	--	--	--	--	--
#1	7082	--	--	--	--	--	--
#2	7082	--	--	--	--	--	--

Analysis Report 12/19/05 09:42:29 PM page 1

Method: TRACE1 Sample Name: AD572118 Operator: SW
Run Time: 12/19/05 21:37:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	136.63	.04579	.01755	.93734	.00675	20.156	.00296
SDev	.19	.00175	.00045	.00076	.00002	.028	.00007
%RSD	.14026	3.8177	2.5781	.08142	.22408	.13702	2.2249
#1	136.77	.04455	.01787	.93788	.00674	20.136	.00301
#2	136.50	.04702	.01723	.93680	.00676	20.175	.00291
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07980	.16699	.19653	205.49	12.863	38.821	3.4022
SDev	.00051	.00037	.00010	.24	.052	.054	.0045
%RSD	.63978	.21974	.05265	.11702	.40613	.13871	.13354
#1	.07944	.16673	.19660	205.32	12.900	38.783	3.3990
#2	.08016	.16725	.19645	205.66	12.826	38.859	3.4055
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.73348	.17397	.06232	.07311	.06951	.01268	-.00589
SDev	.03605	.00029	.00040	.00128	.00099	.00045	.00262
%RSD	4.9150	.16796	.64649	1.7474	1.4188	3.5242	44.526
#1	.75897	.17376	.06203	.07220	.06882	.01299	-.00404
#2	.70799	.17418	.06260	.07401	.07021	.01236	-.00774
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00095	.01949	2.5604	-.00037	.25201	.41996	.02576
SDev	.00705	.00420	.0035	.00034	.00011	.00114	.00055
%RSD	745.44	21.538	.13696	91.225	.04535	.27116	2.1328
#1	-.00593	.02245	2.5629	-.00061	.25210	.41915	.02615
#2	.00404	.01652	2.5579	-.00013	.25193	.42076	.02537
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00120	.00292
SDev	.00030	.00044
%RSD	24.727	14.985
#1	.00099	.00261
#2	.00141	.00323
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	7010	--	--	--	--	--	--
SDev	7.636615	--	--	--	--	--	--
%RSD	.1089327	--	--	--	--	--	--
#1	7016	--	--	--	--	--	--
#2	7005	--	--	--	--	--	--

Analysis Report Blank Sample 12/19/05 09:47:19 PM page 1

Method: TRACE1 Sample Name: CRI Operator: SW
Run Time: 12/19/05 21:42:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22377	.01037	.05607	.00190	.00223	.51096	.00107
SDev	.00012	.00202	.00074	.00003	.00001	.00055	.00008
%RSD	.05427	19.492	1.3135	1.4623	.38952	.10755	7.4014
#1	.22368	.00894	.05659	.00192	.00224	.51135	.00113
#2	.22386	.01180	.05555	.00188	.00222	.51057	.00101
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.07500	.00300	.00300	.75000	.00150
Low	.10000	.00500	.02500	.00100	.00100	.25000	.00050

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00401	.00374	.01033	H.07768	.45384	.20735	.00345
SDev	.00005	.00006	.00026	.00143	.01265	.00074	.00010
%RSD	1.2129	1.6779	2.5419	1.8344	2.7870	.35599	2.9534
#1	.00404	.00378	.01015	H.07869	.46278	.20788	.00352
#2	.00397	.00370	.01052	H.07668	.44489	.20683	.00337
Errors	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1205	.00980	.00543	.00577	.00565	.01580	.01742
SDev	.0396	.00034	.00130	.00012	.00051	.00117	.00269
%RSD	3.5363	3.4366	23.991	2.0157	9.0393	7.4106	15.476
#1	1.1485	.00956	.00635	.00585	.00601	.01497	.01551
#2	1.0925	.01003	.00450	.00568	.00529	.01663	.01932
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.5000	.01500			.00750	.02250	.03000
Low	.50000	.00500			.00250	.00750	.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01686	.01527	.00583	.01905	.00474	.02074	.00893
SDev	.00032	.00160	.00027	.00217	.00023	.00027	.00001
%RSD	1.8759	10.465	4.6509	11.405	4.8237	1.3033	.14077
#1	.01664	.01414	.00602	.02059	.00490	.02055	.00894
#2	.01708	.01640	.00564	.01752	.00458	.02093	.00892
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00750	.03000	.00750	.03000	.01500
Low			.00250	.01000	.00250	.01000	.00500

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00428	.00987
SDev	.00034	.00048
%RSD	8.0475	4.9009
#1	H.00452	.00953
#2	.00404	.01022
Errors	LC Pass	LC Pass
High	.00450	.01500
Low	.00150	.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6136	--	--	--	--	--	--
SDev	6.257619	--	--	--	--	--	--
%RSD	.1019850	--	--	--	--	--	--
#1	6131	--	--	--	--	--	--
#2	6140	--	--	--	--	--	--

Analysis Report QC Standard 12/19/05 09:52:10 PM page 1

Method: TRACE1 Sample Name: ICSA Operator: SW
Run Time: 12/19/05 21:47:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	491.18	-.00260	.00224	.01254	.00204	483.81	.00291
SDev	.80	.00210	.00097	.00000	.00000	.39	.00019
%RSD	.16187	80.758	43.465	.00767	.03540	.08002	6.4029
#1	491.74	-.00111	.00155	.01254	.00204	484.08	.00278
#2	490.62	-.00408	.00293	.01254	.00204	483.54	.00304
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value	500.00					500.00	
Range	100.00					100.00	

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00152	-.00727	-.00048	189.34	-.03115	484.54	-.00463
SDev	.00024	.00022	.00003	.08	.00904	.20	.00006
%RSD	15.601	3.0362	6.0105	.04225	29.009	.04050	1.1913
#1	.00136	-.00711	-.00046	189.40	-.03754	484.68	-.00459
#2	.00169	-.00742	-.00050	189.29	-.02476	484.41	-.00467
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK	QC Pass	NOCHECK
Value				200.00		500.00	
Range				40.000		100.00	

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22925	.00058	-.02166	.01876	.00530	.00446	-.00258
SDev	.02126	.00050	.00039	.00099	.00079	.00120	.00004
%RSD	9.2751	87.119	1.8080	5.2941	14.967	26.934	1.7050
#1	.21422	.00093	-.02139	.01946	.00586	.00361	-.00255
#2	.24429	.00022	-.02194	.01805	.00474	.00531	-.00261
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00547	.00942	.00155	-.00430	-.00006	-.00200	.00121
SDev	.00248	.00056	.00021	.00298	.00012	.00011	.00088
%RSD	45.447	5.9290	13.431	69.315	185.54	5.4273	72.821
#1	-.00722	.00903	.00169	-.00219	.00002	-.00193	.00183
#2	-.00371	.00982	.00140	-.00641	-.00015	-.00208	.00059
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00178	.00066
SDev	.00006	.00010
%RSD	3.1659	14.678
#1	.00174	.00072
#2	.00182	.00059
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5642	--	--	--	--	--	--
SDev	.4243331	--	--	--	--	--	--
%RSD	.0075206	--	--	--	--	--	--
#1	5643	--	--	--	--	--	--
#2	5642	--	--	--	--	--	--

Analysis Report QC Standard 12/19/05 09:57:01 PM page 1

Method: TRACE1 Sample Name: ICSAB Operator: SW
Run Time: 12/19/05 21:52:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	500.44	.10447	.00022	.51917	.49834	493.19	.92000
SDev	1.37	.00102	.00053	.00111	.00003	.88	.00174
%RSD	.27421	.97648	243.94	.21366	.00596	.17939	.18951
#1	501.41	.10519	-.00016	.51995	.49832	493.82	.92124
#2	499.47	.10374	.00060	.51838	.49837	492.56	.91877
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46146	.48020	.52308	95.449	-.02473	489.01	.47824
SDev	.00060	.00033	.00049	.174	.00319	.48	.00031
%RSD	.13016	.06877	.09303	.18208	12.882	.09811	.06477
#1	.46188	.47997	.52342	95.572	-.02698	489.35	.47846
#2	.46103	.48043	.52273	95.327	-.02248	488.67	.47803
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20581	.93324	.02503	.06370	.05082	.05418	.62167
SDev	.09065	.00071	.00138	.00081	.00100	.00307	.00002
%RSD	44.043	.07645	5.4990	1.2650	1.9594	5.6600	.00260
#1	.14172	.93375	.02406	.06313	.05012	.05202	.62166
#2	.26991	.93274	.02600	.06427	.05153	.05635	.62169
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value		1.0000			.05000	.05000	.60000
Range		.20000			.01000	.01000	.12000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04637	.05809	.00150	.09271	.49002	.95097	.00224
SDev	.00805	.00058	.00004	.00036	.00106	.00024	.00476
%RSD	17.352	.99375	2.4671	.38862	.21660	.02573	212.54
#1	.04068	.05768	.00153	.09246	.49077	.95114	-.00113
#2	.05206	.05850	.00148	.09297	.48927	.95080	.00560
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK
Value				.10000	.50000	1.0000	
Range				.02000	.10000	.20000	

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.22015	-.00042
SDev	.00025	.00120
%RSD	.11523	285.63
#1	.22033	-.00127
#2	.21997	.00043
Errors	QC Pass	NOCHECK
Value	.20000	
Range	.04000	

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5625	--	--	--	--	--	--
SDev	5.197304	--	--	--	--	--	--
%RSD	.0923903	--	--	--	--	--	--
#1	5622	--	--	--	--	--	--
#2	5629	--	--	--	--	--	--

Analysis Report QC Standard 12/19/05 10:03:13 PM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 12/19/05 21:58:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.185	.48624	.45911	.48332	.50071	24.840	.47995
SDev	.013	.00167	.00113	.00046	.00084	.060	.00080
%RSD	.05256	.34249	.24636	.09607	.16827	.24292	.16666
#1	25.194	.48741	.45831	.48299	.50011	24.797	.47938
#2	25.176	.48506	.45991	.48364	.50131	24.883	.48051
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49329	.49232	.52002	24.580	25.005	24.602	.50461
SDev	.00084	.00100	.00024	.057	.079	.077	.00074
%RSD	.17103	.20228	.04698	.23201	.31679	.31221	.14664
#1	.49269	.49162	.51984	24.540	25.061	24.548	.50409
#2	.49389	.49302	.52019	24.621	24.949	24.657	.50514
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.837	.49179	.49273	.49276	.49275	.48851	.48529
SDev	.021	.00007	.00164	.00101	.00122	.00161	.00203
%RSD	.08380	.01361	.33376	.20518	.24800	.33040	.41933
#1	24.822	.49184	.49157	.49205	.49189	.48737	.48385
#2	24.852	.49174	.49390	.49348	.49362	.48965	.48673
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47793	.49381	.50017	.48184	.49661	.49854	.53347
SDev	.00292	.00096	.00086	.00139	.00033	.00107	.00086
%RSD	.60993	.19513	.17247	.28944	.06695	.21434	.16170
#1	.47587	.49312	.49956	.48086	.49637	.49778	.53408
#2	.47999	.49449	.50078	.48283	.49684	.49929	.53286
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.49672	.54035
SDev	.00096	.00219
%RSD	.19384	.40603
#1	.49604	.53880
#2	.49741	.54191
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6128	--	--	--	--	--	--
SDev	17.92523	--	--	--	--	--	--
%RSD	.2925051	--	--	--	--	--	--
#1	6141	--	--	--	--	--	--
#2	6116	--	--	--	--	--	--

Analysis Report Blank Sample 12/19/05 10:08:05 PM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 12/19/05 22:03:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02099	-.00034	.00083	.00002	.00024	.01912	.00022
SDev	.01052	.00155	.00152	.00002	.00015	.00159	.00012
%RSD	50.107	459.98	183.77	126.90	62.264	8.2930	53.016
#1	.01355	.00076	-.00025	.00003	.00013	.02024	.00031
#2	.02842	-.00144	.00190	.00000	.00034	.01800	.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00014	-.00030	.00024	.00625	.00781	.01504	.00012
SDev	.00007	.00033	.00043	.00682	.02184	.00056	.00000
%RSD	51.228	108.72	181.40	109.06	279.49	3.7245	3.3318
#1	.00009	-.00053	.00054	.00143	.02326	.01465	.00012
#2	.00019	-.00007	-.00007	.01107	-.00763	.01544	.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02381	.00020	-.00210	.00182	.00051	.00057	-.00227
SDev	.04999	.00002	.00110	.00120	.00116	.00075	.00101
%RSD	209.90	9.5047	52.397	65.779	227.30	131.84	44.549
#1	.05916	.00019	-.00288	.00097	-.00031	.00004	-.00156
#2	-.01153	.00021	-.00132	.00266	.00134	.00110	-.00299
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00117	.00144	.00018	-.00080	.00032	.00012	-.00068
SDev	.00113	.00056	.00008	.00146	.00023	.00010	.00100
%RSD	96.543	39.222	43.874	183.64	73.124	81.588	147.04
#1	-.00197	.00104	.00012	-.00183	.00015	.00018	-.00139
#2	-.00037	.00184	.00024	.00024	.00048	.00005	.00003
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00076	.00099
SDev	.00078	.00028
%RSD	101.98	28.492
#1	.00021	.00079
#2	.00131	.00119
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6114	--	--	--	--	--	--
SDev	74.88288	--	--	--	--	--	--
%RSD	1.224837	--	--	--	--	--	--
#1	6167	--	--	--	--	--	--
#2	6061	--	--	--	--	--	--

Analysis Report 12/14/05 08:07:32 AM page 1

STL Buffalo Analyst: TWS Date: 12/14/05 Secondary Review: AK/JP Date: 12/14/05
Spikes: 13-MDL-01, 1-MDL-5, 5-118-E, 5-118-F, 2-MDL-17
Pippettes: 11-11-05-(1-12)

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	STD BLK	A121305	TRACE2	12/13/05	11:06		X	IR
2	STD 1 G-019-C	A121305	TRACE2	12/13/05	11:10		X	IR
3	STD 2 G-019-D	A121305	TRACE2	12/13/05	11:14		X	IR
4	STD 3 G-019-B	A121305	TRACE2	12/13/05	11:18		X	IR
5	STD 3 VER	A121305	TRACE2	12/13/05	11:23	SW	B	CONC
6	ICV G-017-E	A121305	TRACE2	12/13/05	11:27	SW	Q	CONC
7	ICB G-011-A	A121305	TRACE2	12/13/05	11:32	SW	B	CONC
8	CRI G-016-A	A121305	TRACE2	12/13/05	11:36	SW	B	CONC
9	ICSA G-010-B	A121305	TRACE2	12/13/05	11:40	SW	Q	CONC
10	ICSAB	A121305	TRACE2	12/13/05	11:45	SW	Q	CONC
11	ICSAB G-010-C	A121305	TRACE2	12/13/05	11:58	SW	Q	CONC
12	CCV G-017-F	A121305	TRACE2	12/13/05	12:04	SW	Q	CONC
13	CCB G-011-A	A121305	TRACE2	12/13/05	12:08	SW	B	CONC
14	IDOC1TS	A121305	TRACE2	12/13/05	12:13	SW	S	CONC
15	IDOC2TS	A121305	TRACE2	12/13/05	12:17	SW	S	CONC
16	IDOC3TS	A121305	TRACE2	12/13/05	12:22	SW	S	CONC
17	IDOC4TS	A121305	TRACE2	12/13/05	12:26	SW	S	CONC
18	AD570480/PB	A121305	TRACE2	12/13/05	12:30	SW	S	CONC
19	AD570479/FB	A121305	TRACE2	12/13/05	12:35	SW	S	CONC
20	AD570463 D980	A121305	TRACE2	12/13/05	12:39	SW	S	CONC
21	AD570464	A121305	TRACE2	12/13/05	12:44	SW	S	CONC
22	AD570465	A121305	TRACE2	12/13/05	12:48	SW	S	CONC
23	AD570466	A121305	TRACE2	12/13/05	12:52	SW	S	CONC
24	CCV	A121305	TRACE2	12/13/05	13:09	SW	Q	CONC
25	CCB	A121305	TRACE2	12/13/05	13:13	SW	B	CONC
26	AD570467	A121305	TRACE2	12/13/05	13:18	SW	S	CONC
27	AD570468	A121305	TRACE2	12/13/05	13:22	SW	S	CONC
28	AD570469	A121305	TRACE2	12/13/05	13:26	SW	S	CONC
29	AD570470	A121305	TRACE2	12/13/05	13:31	SW	S	CONC
30	AD570471	A121305	TRACE2	12/13/05	13:35	SW	S	CONC
31	AD570472	A121305	TRACE2	12/13/05	13:40	SW	S	CONC
32	AD570472/L (1:5)	A121305	TRACE2	12/13/05	13:44	SW	S	CONC
33	AD570472/PS	A121305	TRACE2	12/13/05	13:48	SW	S	CONC
34	AD570473/MD	A121305	TRACE2	12/13/05	13:53	SW	S	CONC
35	AD570474/MS	A121305	TRACE2	12/13/05	13:57	SW	S	CONC
36	CCV	A121305	TRACE2	12/13/05	14:03	SW	Q	CONC
37	CCB	A121305	TRACE2	12/13/05	14:07	SW	B	CONC
38	CCV	A121305	TRACE2	12/13/05	14:17	SW	Q	CONC
39	CCB	A121305	TRACE2	12/13/05	14:22	SW	B	CONC
40	AD570475/SD	A121305	TRACE2	12/13/05	14:26	SW	S	CONC
41	AD570476	A121305	TRACE2	12/13/05	14:30	SW	S	CONC
42	AD570477	A121305	TRACE2	12/13/05	14:35	SW	S	CONC
43	AD570478	A121305	TRACE2	12/13/05	14:39	SW	S	CONC
44	AD570610 D981	A121305	TRACE2	12/13/05	14:44	SW	S	CONC
45	AD570610/L (1:5)	A121305	TRACE2	12/13/05	14:48	SW	S	CONC
46	AD570610/PS	A121305	TRACE2	12/13/05	14:52	SW	S	CONC
47	AD570611	A121305	TRACE2	12/13/05	14:57	SW	S	CONC
48	AD570449/PB	A121305	TRACE2	12/13/05	15:01	SW	S	CONC
49	AD570448/CLPSL	A121305	TRACE2	12/13/05	15:06	SW	S	CONC
50	CCV	A121305	TRACE2	12/13/05	15:24	SW	Q	CONC

Analysis Report Summary 12/14/05 08:07:32 AM page 2

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
51	CCB	A121305	TRACE2	12/13/05	15:29	SW	B	CONC
52	AD570430	A121305	TRACE2	12/13/05	15:33	SW	S	CONC
53	AD570430/L (1:5)	A121305	TRACE2	12/13/05	15:37	SW	S	CONC
54	AD570430/PS	A121305	TRACE2	12/13/05	15:42	SW	S	CONC
55	AD570431/MS	A121305	TRACE2	12/13/05	15:46	SW	S	CONC
56	AD570432/SD	A121305	TRACE2	12/13/05	15:50	SW	S	CONC
57	AD570433	A121305	TRACE2	12/13/05	15:55	SW	S	CONC
58	AD570434	A121305	TRACE2	12/13/05	15:59	SW	S	CONC
59	CRI	A121305	TRACE2	12/13/05	16:06	SW	B	CONC
60	ICSA	A121305	TRACE2	12/13/05	16:11	SW	Q	CONC
61	ICSAB	A121305	TRACE2	12/13/05	16:15	SW	Q	CONC
62	CCV	A121305	TRACE2	12/13/05	16:19	SW	Q	CONC
63	CCB	A121305	TRACE2	12/13/05	16:24	SW	B	CONC
64	AD570435	A121305	TRACE2	12/13/05	16:28	SW	S	CONC
65	AD570436	A121305	TRACE2	12/13/05	17:08	SW	S	CONC
66	AD570437	A121305	TRACE2	12/13/05	17:12	SW	S	CONC
67	AD570438	A121305	TRACE2	12/13/05	17:16	SW	S	CONC
68	AD570439	A121305	TRACE2	12/13/05	17:21	SW	S	CONC
69	AD570440	A121305	TRACE2	12/13/05	17:25	SW	S	CONC
70	AD570441	A121305	TRACE2	12/13/05	17:29	SW	S	CONC
71	AD570442	A121305	TRACE2	12/13/05	17:34	SW	S	CONC
72	AD570443	A121305	TRACE2	12/13/05	17:38	SW	S	CONC
73	AD570444	A121305	TRACE2	12/13/05	17:43	SW	S	CONC
74	CCV	A121305	TRACE2	12/13/05	17:48	SW	Q	CONC
75	CCB	A121305	TRACE2	12/13/05	17:53	SW	B	CONC
76	AD570445	A121305	TRACE2	12/13/05	17:57	SW	S	CONC
77	AD570446	A121305	TRACE2	12/13/05	18:02	SW	S	CONC
78	AD570447	A121305	TRACE2	12/13/05	18:06	SW	S	CONC
79	AD570544/PB	A121305	TRACE2	12/13/05	18:10	SW	S	CONC
80	AD570543/FB	A121305	TRACE2	12/13/05	18:15	SW	S	CONC
81	AD570525	A121305	TRACE2	12/13/05	18:19	SW	S	CONC
82	AD570526	A121305	TRACE2	12/13/05	18:24	SW	S	CONC
83	AD570527/(1:5)	A121305	TRACE2	12/13/05	18:28	SW	S	CONC
84	AD570528/MS	A121305	TRACE2	12/13/05	18:32	SW	S	CONC
85	AD570529/SD	A121305	TRACE2	12/13/05	18:37	SW	S	CONC
86	CCV	A121305	TRACE2	12/13/05	18:42	SW	Q	CONC
87	CCB	A121305	TRACE2	12/13/05	18:47	SW	B	CONC
88	STD BLK	A121305	TRACE2	12/13/05	18:56		X	IR
89	STD 1	A121305	TRACE2	12/13/05	19:00		X	IR
90	STD 2	A121305	TRACE2	12/13/05	19:04		X	IR
91	STD 3	A121305	TRACE2	12/13/05	19:08		X	IR
92	STD 3 VER	A121305	TRACE2	12/13/05	19:13	SW	B	CONC
93	ICV	A121305	TRACE2	12/13/05	19:17	SW	Q	CONC
94	ICB	A121305	TRACE2	12/13/05	19:21	SW	B	CONC
95	CRI	A121305	TRACE2	12/13/05	19:26	SW	B	CONC
96	ICSA	A121305	TRACE2	12/13/05	19:30	SW	Q	CONC
97	ICSAB	A121305	TRACE2	12/13/05	19:35	SW	Q	CONC
98	CCV	A121305	TRACE2	12/13/05	19:40	SW	Q	CONC
99	CCB	A121305	TRACE2	12/13/05	19:45	SW	B	CONC
100	AD570530	A121305	TRACE2	12/13/05	19:49	SW	S	CONC
101	AD570530/L (1:5)	A121305	TRACE2	12/13/05	19:53	SW	S	CONC
102	AD570530/PS	A121305	TRACE2	12/13/05	19:58	SW	S	CONC
103	AD570531	A121305	TRACE2	12/13/05	20:02	SW	S	CONC
104	AD570532	A121305	TRACE2	12/13/05	20:07	SW	S	CONC

D920

D937

D937

Analysis Report Summary 12/14/05 08:07:32 AM page 3

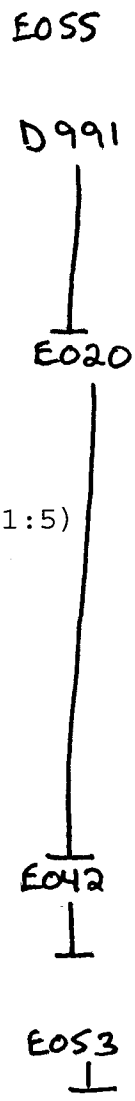
#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
105	AD570533	A121305	TRACE2	12/13/05	20:11	SW	S	CONC
106	AD570534	A121305	TRACE2	12/13/05	20:15	SW	S	CONC
107	AD570535	A121305	TRACE2	12/13/05	20:20	SW	S	CONC
108	AD570536	A121305	TRACE2	12/13/05	20:24	SW	S	CONC
109	AD570537	A121305	TRACE2	12/13/05	20:29	SW	S	CONC
110	CCV	A121305	TRACE2	12/13/05	20:34	SW	Q	CONC
111	CCB	A121305	TRACE2	12/13/05	20:39	SW	B	CONC
112	AD570538	A121305	TRACE2	12/13/05	20:43	SW	S	CONC
113	AD570539	A121305	TRACE2	12/13/05	20:48	SW	S	CONC
114	AD570540	A121305	TRACE2	12/13/05	20:52	SW	S	CONC
115	AD570541	A121305	TRACE2	12/13/05	20:56	SW	S	CONC
116	AD570542	A121305	TRACE2	12/13/05	21:01	SW	S	CONC
117	AD570564/(1:5)	A121305	TRACE2	12/13/05	21:05	SW	S	CONC
118	AD570565/(1:5)	A121305	TRACE2	12/13/05	21:10	SW	S	CONC
119	AD570566/(1:5)	A121305	TRACE2	12/13/05	21:14	SW	S	CONC
120	AD570568/(1:5)	A121305	TRACE2	12/13/05	21:18	SW	S	CONC
121	AD570571/(1:5)	A121305	TRACE2	12/13/05	21:23	SW	S	CONC
122	CCV	A121305	TRACE2	12/13/05	21:29	SW	Q	CONC
123	CCB	A121305	TRACE2	12/13/05	21:33	SW	B	CONC
124	AD570572/(1:5)	A121305	TRACE2	12/13/05	21:37	SW	S	CONC
125	AD570573/(1:5)	A121305	TRACE2	12/13/05	21:42	SW	S	CONC
126	AD570576/(1:5)	A121305	TRACE2	12/13/05	21:46	SW	S	CONC
127	AD570581/(1:5)	A121305	TRACE2	12/13/05	21:51	SW	S	CONC
128	AD570581	A121305	TRACE2	12/13/05	21:55	SW	S	CONC
129	AD570427/(1:10)	A121305	TRACE2	12/13/05	21:59	SW	S	CONC
130	AD570427/L (1:50)	A121305	TRACE2	12/13/05	22:04	SW	S	CONC
131	AD570427/PS (1:10)	A121305	TRACE2	12/13/05	22:08	SW	S	CONC
132	AD570549	A121305	TRACE2	12/13/05	22:13	SW	S	CONC
133	AD570550	A121305	TRACE2	12/13/05	22:17	SW	S	CONC
134	CCV	A121305	TRACE2	12/13/05	22:23	SW	Q	CONC
135	CCB	A121305	TRACE2	12/13/05	22:27	SW	B	CONC
136	AD570578	A121305	TRACE2	12/13/05	22:32	SW	S	CONC
137	AD570578/L (1:5)	A121305	TRACE2	12/13/05	22:36	SW	S	CONC
138	AD570578/PS	A121305	TRACE2	12/13/05	22:40	SW	S	CONC
139	AD570579/MS	A121305	TRACE2	12/13/05	22:45	SW	S	CONC
140	AD570580/SD	A121305	TRACE2	12/13/05	22:49	SW	S	CONC
141	AD570429/PB	A121305	TRACE2	12/13/05	22:54	SW	S	CONC
142	AD570428/CLPSL	A121305	TRACE2	12/13/05	22:58	SW	S	CONC
143	AD570412	A121305	TRACE2	12/13/05	23:03	SW	S	CONC
144	AD570412/L (1:5)	A121305	TRACE2	12/13/05	23:07	SW	S	CONC
145	AD570412/PS	A121305	TRACE2	12/13/05	23:11	SW	S	CONC
146	CCV	A121305	TRACE2	12/13/05	23:17	SW	Q	CONC
147	CCB	A121305	TRACE2	12/13/05	23:21	SW	B	CONC
148	AD570413	A121305	TRACE2	12/13/05	23:26	SW	S	CONC
149	AD570872/PB	A121305	TRACE2	12/13/05	23:30	SW	S	CONC
150	AD570871/LCS	A121305	TRACE2	12/13/05	23:35	SW	S	CONC
151	AD570870/EBLK	A121305	TRACE2	12/13/05	23:39	SW	S	CONC
152	AD570869	A121305	TRACE2	12/13/05	23:44	SW	S	CONC
153	AD570866	A121305	TRACE2	12/13/05	23:48	SW	S	CONC
154	AD570866/L (1:5)	A121305	TRACE2	12/13/05	23:52	SW	S	CONC
155	AD570866/PS	A121305	TRACE2	12/13/05	23:57	SW	S	CONC
156	AD570867/MS	A121305	TRACE2	12/14/05	00:01	SW	S	CONC
157	AD570868/SD	A121305	TRACE2	12/14/05	00:06	SW	S	CONC
158	CCV	A121305	TRACE2	12/14/05	00:11	SW	Q	CONC

D937
D944
D979
D987
D967
D983
D984
D654
E026
D968

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
159	CCB	A121305	TRACE2	12/14/05	00:16	SW	B	CONC
160	AD570879/PB	A121305	TRACE2	12/14/05	00:20	SW	S	CONC
161	AD570878/LCS	A121305	TRACE2	12/14/05	00:25	SW	S	CONC
162	AD570877/EBLK	A121305	TRACE2	12/14/05	00:29	SW	S	CONC
163	AD570873	A121305	TRACE2	12/14/05	00:33	SW	S	CONC
164	AD570873/L (1:5)	A121305	TRACE2	12/14/05	00:38	SW	S	CONC
165	AD570873/PS	A121305	TRACE2	12/14/05	00:42	SW	S	CONC
166	AD570874/MS	A121305	TRACE2	12/14/05	00:47	SW	S	CONC
167	AD570875/SD	A121305	TRACE2	12/14/05	00:51	SW	S	CONC
168	AD570876	A121305	TRACE2	12/14/05	00:56	SW	S	CONC
169	AD570884/PB	A121305	TRACE2	12/14/05	01:00	SW	S	CONC
170	CCV	A121305	TRACE2	12/14/05	01:06	SW	Q	CONC
171	CCB	A121305	TRACE2	12/14/05	01:10	SW	B	CONC
172	STD BLK	A121305	TRACE2	12/14/05	01:19		X	IR
173	STD 1	A121305	TRACE2	12/14/05	01:24		X	IR
174	STD 2	A121305	TRACE2	12/14/05	01:28		X	IR
175	STD 3	A121305	TRACE2	12/14/05	01:32		X	IR
176	STD 3 VER	A121305	TRACE2	12/14/05	01:36	SW	B	CONC
177	ICV	A121305	TRACE2	12/14/05	01:40	SW	Q	CONC
178	ICB	A121305	TRACE2	12/14/05	01:45	SW	B	CONC
179	CRI	A121305	TRACE2	12/14/05	01:49	SW	B	CONC
180	ICSA	A121305	TRACE2	12/14/05	01:54	SW	Q	CONC
181	ICSAB	A121305	TRACE2	12/14/05	01:58	SW	Q	CONC
182	CCV	A121305	TRACE2	12/14/05	02:04	SW	Q	CONC
183	CCB	A121305	TRACE2	12/14/05	02:08	SW	B	CONC
184	AD570883/LCS	A121305	TRACE2	12/14/05	02:13	SW	S	CONC
185	AD570880	A121305	TRACE2	12/14/05	02:17	SW	S	CONC
186	AD570880/L (1:5)	A121305	TRACE2	12/14/05	02:21	SW	S	CONC
187	AD570880/PS	A121305	TRACE2	12/14/05	02:26	SW	S	CONC
188	AD570881/MS	A121305	TRACE2	12/14/05	02:30	SW	S	CONC
189	AD570882/SD	A121305	TRACE2	12/14/05	02:35	SW	S	CONC
190	AD570966/PB	A121305	TRACE2	12/14/05	02:39	SW	S	CONC
191	AD570965/FB	A121305	TRACE2	12/14/05	02:43	SW	S	CONC
192	AD570957	A121305	TRACE2	12/14/05	02:48	SW	S	CONC
193	AD570958	A121305	TRACE2	12/14/05	02:52	SW	S	CONC
194	CCV	A121305	TRACE2	12/14/05	02:58	SW	Q	CONC
195	CCB	A121305	TRACE2	12/14/05	03:02	SW	B	CONC
196	AD570959	A121305	TRACE2	12/14/05	03:07	SW	S	CONC
197	AD570959/L (1:5)	A121305	TRACE2	12/14/05	03:11	SW	S	CONC
198	AD570959/PS	A121305	TRACE2	12/14/05	03:16	SW	S	CONC
199	AD571080/MS	A121305	TRACE2	12/14/05	03:20	SW	S	CONC
200	AD571081/SD	A121305	TRACE2	12/14/05	03:25	SW	S	CONC
201	AD570960	A121305	TRACE2	12/14/05	03:29	SW	S	CONC
202	AD570961	A121305	TRACE2	12/14/05	03:33	SW	S	CONC
203	AD570962	A121305	TRACE2	12/14/05	03:38	SW	S	CONC
204	AD570963	A121305	TRACE2	12/14/05	03:42	SW	S	CONC
205	AD570964	A121305	TRACE2	12/14/05	03:47	SW	S	CONC
206	CCV	A121305	TRACE2	12/14/05	03:52	SW	Q	CONC
207	CCB	A121305	TRACE2	12/14/05	03:57	SW	B	CONC
208	AD571082	A121305	TRACE2	12/14/05	04:01	SW	S	CONC
209	AD571083	A121305	TRACE2	12/14/05	04:06	SW	S	CONC
210	AD571084	A121305	TRACE2	12/14/05	04:10	SW	S	CONC
211	AD571085	A121305	TRACE2	12/14/05	04:15	SW	S	CONC
212	AD571086	A121305	TRACE2	12/14/05	04:19	SW	S	CONC

Analysis Report Summary 12/14/05 08:07:32 AM page 5

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
213	AD571087	A121305	TRACE2	12/14/05	04:23	SW	S	CONC
214	AD570928/PB	A121305	TRACE2	12/14/05	04:28	SW	S	CONC
215	AD570927/FB	A121305	TRACE2	12/14/05	04:32	SW	S	CONC
216	AD570905	A121305	TRACE2	12/14/05	04:37	SW	S	CONC
217	AD570906	A121305	TRACE2	12/14/05	04:41	SW	S	CONC
218	CCV	A121305	TRACE2	12/14/05	04:47	SW	Q	CONC
219	CCB	A121305	TRACE2	12/14/05	04:51	SW	B	CONC
220	AD570907	A121305	TRACE2	12/14/05	04:56	SW	S	CONC
221	AD570908	A121305	TRACE2	12/14/05	05:00	SW	S	CONC
222	AD570909	A121305	TRACE2	12/14/05	05:05	SW	S	CONC
223	AD570910	A121305	TRACE2	12/14/05	05:09	SW	S	CONC
224	AD570911	A121305	TRACE2	12/14/05	05:13	SW	S	CONC
225	AD570912	A121305	TRACE2	12/14/05	05:18	SW	S	CONC
226	AD570913	A121305	TRACE2	12/14/05	05:22	SW	S	CONC
227	AD570914	A121305	TRACE2	12/14/05	05:27	SW	S	CONC
228	AD570914/L (1:5)	A121305	TRACE2	12/14/05	05:31	SW	S	CONC
229	AD570914/PS	A121305	TRACE2	12/14/05	05:36	SW	S	CONC
230	CCV	A121305	TRACE2	12/14/05	05:41	SW	Q	CONC
231	CCB	A121305	TRACE2	12/14/05	05:46	SW	B	CONC
232	AD570915/MS	A121305	TRACE2	12/14/05	05:50	SW	S	CONC
233	AD570916/SD	A121305	TRACE2	12/14/05	05:55	SW	S	CONC
234	AD570917	A121305	TRACE2	12/14/05	05:59	SW	S	CONC
235	AD570918	A121305	TRACE2	12/14/05	06:03	SW	S	CONC
236	AD570919	A121305	TRACE2	12/14/05	06:08	SW	S	CONC
237	AD570920	A121305	TRACE2	12/14/05	06:12	SW	S	CONC
238	AD570921	A121305	TRACE2	12/14/05	06:17	SW	S	CONC
239	AD570922	A121305	TRACE2	12/14/05	06:21	SW	S	CONC
240	AD570923	A121305	TRACE2	12/14/05	06:25	SW	S	CONC
241	AD570924	A121305	TRACE2	12/14/05	06:30	SW	S	CONC
242	CCV	A121305	TRACE2	12/14/05	06:36	SW	Q	CONC
243	CCB	A121305	TRACE2	12/14/05	06:40	SW	B	CONC
244	AD570925	A121305	TRACE2	12/14/05	06:45	SW	S	CONC
245	AD570926	A121305	TRACE2	12/14/05	06:49	SW	S	CONC
246	CCV	A121305	TRACE2	12/14/05	06:55	SW	Q	CONC
247	CCB	A121305	TRACE2	12/14/05	06:59	SW	B	CONC



Curvefit Fit Status Summary 12/06/05 10:28:47 AM page 1

Method: TRACE2
Mode: Concentration
Standards Table: NAKCAMG
Data File: ADEC0605

Element	Wavelength	Date-of-Fit	Type-of-Fit	Correlation
Ca3179	317.933	12/06/05 10:26	Full Fit	.999975
K_7664	766.491	12/06/05 10:26	Full Fit	.999978
Mg2790	279.078	12/06/05 10:26	Full Fit	.999985
Na3302	330.232	12/06/05 10:28	Full Fit	.999936

Calibration Report 12/06/05 09:25:05 AM page 1

Method: TRACE2 Standard Name: STD BLK Operator:
Run Time: 12/06/05 09:22:05
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	.0117830	-.031833	.0095091	.0107502
SDev	.0008721	.008172	.0005807	.0035127
%RSD	7.401681	25.67269	6.107174	32.67514
#1	.0111663	-.026055	.0090984	.0132341
#2	.0123996	-.037612	.0099197	.0082664
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2419	--	--	--	--	--	--
SDev	1.007662	--	--	--	--	--	--
%RSD	.0416611	--	--	--	--	--	--
#1	2418	--	--	--	--	--	--
#2	2419	--	--	--	--	--	--

Calibration Report 12/06/05 09:29:52 AM page 1

Method: TRACE2 Standard Name: STD 1 Operator:
Run Time: 12/06/05 09:26:52
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	3.995118	10.03568	8.659281	.4125920
SDev	.003348	.02293	.003571	.0004265
%RSD	.0838144	.2284771	.0412431	.1033772
#1	3.992751	10.05190	8.661806	.4122904
#2	3.997486	10.01947	8.656755	.4128936
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2427	--	--	--	--	--	--
SDev	.7954952	--	--	--	--	--	--
%RSD	.0327723	--	--	--	--	--	--
#1	2428	--	--	--	--	--	--
#2	2427	--	--	--	--	--	--

Calibration Report 12/06/05 09:35:52 AM page 1

Method: TRACE2 Standard Name: STD 2 Operator:
Run Time: 12/06/05 09:32:52
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	19.99010	46.78748	43.98307	1.996347
SDev	.03750	.11175	.10432	.011570
%RSD	.1875755	.2388471	.2371803	.5795493
#1	20.01662	46.86650	44.05683	2.004528
#2	19.96359	46.70846	43.90930	1.988166
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2412	--	--	--	--	--	--
SDev	6.894291	--	--	--	--	--	--
%RSD	.2858419	--	--	--	--	--	--
#1	2407	--	--	--	--	--	--
#2	2417	--	--	--	--	--	--

Calibration Report 12/06/05 09:41:31 AM page 1

Method: TRACE2 Standard Name: STD 3 Operator:
Run Time: 12/06/05 09:38:31
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	39.20605	92.44864	87.31619	4.179780
SDev	.02923	.24125	.00282	.016626
%RSD	.0745454	.2609556	.0032313	.3977662
#1	39.18538	92.61923	87.31818	4.191536
#2	39.22671	92.27805	87.31419	4.168024
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2396	--	--	--	--	--	--
SDev	2.651650	--	--	--	--	--	--
%RSD	.1106895	--	--	--	--	--	--
#1	2397	--	--	--	--	--	--
#2	2394	--	--	--	--	--	--

Calibration Report 12/06/05 10:02:17 AM page 1

Method: TRACE2 Standard Name: NAKCAMG100 Operator:
Run Time: 12/06/05 09:59:17
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	77.10643	175.8952	175.0920	8.774166
SDev	.10921	.0574	.1806	.009951
%RSD	.1416313	.0326580	.1031251	.1134168
#1	77.18365	175.9358	175.2197	8.767129
#2	77.02921	175.8545	174.9643	8.781202
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2354	--	--	--	--	--	--
SDev	2.810818	--	--	--	--	--	--
%RSD	.1194257	--	--	--	--	--	--
#1	2352	--	--	--	--	--	--
#2	2356	--	--	--	--	--	--

Calibration Report 12/06/05 09:53:27 AM page 1

Method: TRACE2 Standard Name: NAKCAMG400 Operator:
Run Time: 12/06/05 09:50:27
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	293.2113	594.6678	738.5096	42.52835
SDev	.6087	1.1398	1.6472	.10525
%RSD	.2075997	.1916722	.2230415	.2474878
#1	292.7808	593.8618	737.3448	42.45392
#2	293.6417	595.4737	739.6743	42.60277
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2255	--	--	--	--	--	--
SDev	2.439656	--	--	--	--	--	--
%RSD	.1081660	--	--	--	--	--	--
#1	2257	--	--	--	--	--	--
#2	2254	--	--	--	--	--	--

Analysis Report Summary 12/19/05 12:44:26 PM page 1

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	AD570412	A121305	TRACE2	12/13/05	23:03	SW	S	CONC
2	AD570412/L (1:5)	A121305	TRACE2	12/13/05	23:07	SW	S	CONC
3	AD570412/PS	A121305	TRACE2	12/13/05	23:11	SW	S	CONC
4	AD570413	A121305	TRACE2	12/13/05	23:26	SW	S	CONC
5	AD570427/(1:10)	A121305	TRACE2	12/13/05	21:59	SW	S	CONC
6	AD570427/L (1:50)	A121305	TRACE2	12/13/05	22:04	SW	S	CONC
7	AD570427/PS (1:10)	A121305	TRACE2	12/13/05	22:08	SW	S	CONC
8	AD570428/CLPSL	A121305	TRACE2	12/13/05	22:58	SW	S	CONC
9	AD570429/PB	A121305	TRACE2	12/13/05	22:54	SW	S	CONC
10	AD570430	A121305	TRACE2	12/13/05	15:33	SW	S	CONC
11	AD570430/L (1:5)	A121305	TRACE2	12/13/05	15:37	SW	S	CONC
12	AD570430/PS	A121305	TRACE2	12/13/05	15:42	SW	S	CONC
13	AD570431/MS	A121305	TRACE2	12/13/05	15:46	SW	S	CONC
14	AD570432/SD	A121305	TRACE2	12/13/05	15:50	SW	S	CONC
15	AD570433	A121305	TRACE2	12/13/05	15:55	SW	S	CONC
16	AD570434	A121305	TRACE2	12/13/05	15:59	SW	S	CONC
17	AD570435	A121305	TRACE2	12/13/05	16:28	SW	S	CONC
18	AD570436	A121305	TRACE2	12/13/05	17:08	SW	S	CONC
19	AD570437	A121305	TRACE2	12/13/05	17:12	SW	S	CONC
20	AD570438	A121305	TRACE2	12/13/05	17:16	SW	S	CONC
21	AD570439	A121305	TRACE2	12/13/05	17:21	SW	S	CONC
22	AD570440	A121305	TRACE2	12/13/05	17:25	SW	S	CONC
23	AD570441	A121305	TRACE2	12/13/05	17:29	SW	S	CONC
24	AD570442	A121305	TRACE2	12/13/05	17:34	SW	S	CONC
25	AD570443	A121305	TRACE2	12/13/05	17:38	SW	S	CONC
26	AD570444	A121305	TRACE2	12/13/05	17:43	SW	S	CONC
27	AD570445	A121305	TRACE2	12/13/05	17:57	SW	S	CONC
28	AD570446	A121305	TRACE2	12/13/05	18:02	SW	S	CONC
29	AD570447	A121305	TRACE2	12/13/05	18:06	SW	S	CONC
30	AD570448/CLPSL	A121305	TRACE2	12/13/05	15:06	SW	S	CONC
31	AD570449/PB	A121305	TRACE2	12/13/05	15:01	SW	S	CONC
32	AD570463	A121305	TRACE2	12/13/05	12:39	SW	S	CONC
33	AD570464	A121305	TRACE2	12/13/05	12:44	SW	S	CONC
34	AD570465	A121305	TRACE2	12/13/05	12:48	SW	S	CONC
35	AD570466	A121305	TRACE2	12/13/05	12:52	SW	S	CONC
36	AD570467	A121305	TRACE2	12/13/05	13:18	SW	S	CONC
37	AD570468	A121305	TRACE2	12/13/05	13:22	SW	S	CONC
38	AD570469	A121305	TRACE2	12/13/05	13:26	SW	S	CONC
39	AD570470	A121305	TRACE2	12/13/05	13:31	SW	S	CONC
40	AD570471	A121305	TRACE2	12/13/05	13:35	SW	S	CONC
41	AD570472	A121305	TRACE2	12/13/05	13:40	SW	S	CONC
42	AD570472/L (1:5)	A121305	TRACE2	12/13/05	13:44	SW	S	CONC
43	AD570472/PS	A121305	TRACE2	12/13/05	13:48	SW	S	CONC
44	AD570473/MD	A121305	TRACE2	12/13/05	13:53	SW	S	CONC
45	AD570474/MS	A121305	TRACE2	12/13/05	13:57	SW	S	CONC
46	AD570475/SD	A121305	TRACE2	12/13/05	14:26	SW	S	CONC
47	AD570476	A121305	TRACE2	12/13/05	14:30	SW	S	CONC
48	AD570477	A121305	TRACE2	12/13/05	14:35	SW	S	CONC
49	AD570478	A121305	TRACE2	12/13/05	14:39	SW	S	CONC
50	AD570479/FB	A121305	TRACE2	12/13/05	12:35	SW	S	CONC
51	AD570480/PB	A121305	TRACE2	12/13/05	12:30	SW	S	CONC
52	AD570525	A121305	TRACE2	12/13/05	18:19	SW	S	CONC
53	AD570526	A121305	TRACE2	12/13/05	18:24	SW	S	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
54	AD570527/(1:5)	A121305	TRACE2	12/13/05	18:28	SW	S	CONC
55	AD570528/MS	A121305	TRACE2	12/13/05	18:32	SW	S	CONC
56	AD570529/SD	A121305	TRACE2	12/13/05	18:37	SW	S	CONC
57	AD570530	A121305	TRACE2	12/13/05	19:49	SW	S	CONC
58	AD570530/L (1:5)	A121305	TRACE2	12/13/05	19:53	SW	S	CONC
59	AD570530/PS	A121305	TRACE2	12/13/05	19:58	SW	S	CONC
60	AD570531	A121305	TRACE2	12/13/05	20:02	SW	S	CONC
61	AD570532	A121305	TRACE2	12/13/05	20:07	SW	S	CONC
62	AD570533	A121305	TRACE2	12/13/05	20:11	SW	S	CONC
63	AD570534	A121305	TRACE2	12/13/05	20:15	SW	S	CONC
64	AD570535	A121305	TRACE2	12/13/05	20:20	SW	S	CONC
65	AD570536	A121305	TRACE2	12/13/05	20:24	SW	S	CONC
66	AD570537	A121305	TRACE2	12/13/05	20:29	SW	S	CONC
67	AD570538	A121305	TRACE2	12/13/05	20:43	SW	S	CONC
68	AD570539	A121305	TRACE2	12/13/05	20:48	SW	S	CONC
69	AD570540	A121305	TRACE2	12/13/05	20:52	SW	S	CONC
70	AD570541	A121305	TRACE2	12/13/05	20:56	SW	S	CONC
71	AD570542	A121305	TRACE2	12/13/05	21:01	SW	S	CONC
72	AD570543/FB	A121305	TRACE2	12/13/05	18:15	SW	S	CONC
73	AD570544/PB	A121305	TRACE2	12/13/05	18:10	SW	S	CONC
74	AD570549	A121305	TRACE2	12/13/05	22:13	SW	S	CONC
75	AD570550	A121305	TRACE2	12/13/05	22:17	SW	S	CONC
76	AD570564/(1:5)	A121305	TRACE2	12/13/05	21:05	SW	S	CONC
77	AD570565/(1:5)	A121305	TRACE2	12/13/05	21:10	SW	S	CONC
78	AD570566/(1:5)	A121305	TRACE2	12/13/05	21:14	SW	S	CONC
79	AD570568/(1:5)	A121305	TRACE2	12/13/05	21:18	SW	S	CONC
80	AD570571/(1:5)	A121305	TRACE2	12/13/05	21:23	SW	S	CONC
81	AD570572/(1:5)	A121305	TRACE2	12/13/05	21:37	SW	S	CONC
82	AD570573/(1:5)	A121305	TRACE2	12/13/05	21:42	SW	S	CONC
83	AD570576/(1:5)	A121305	TRACE2	12/13/05	21:46	SW	S	CONC
84	AD570578	A121305	TRACE2	12/13/05	22:32	SW	S	CONC
85	AD570578/L (1:5)	A121305	TRACE2	12/13/05	22:36	SW	S	CONC
86	AD570578/PS	A121305	TRACE2	12/13/05	22:40	SW	S	CONC
87	AD570579/MS	A121305	TRACE2	12/13/05	22:45	SW	S	CONC
88	AD570580/SD	A121305	TRACE2	12/13/05	22:49	SW	S	CONC
89	AD570581	A121305	TRACE2	12/13/05	21:55	SW	S	CONC
90	AD570581/(1:5)	A121305	TRACE2	12/13/05	21:51	SW	S	CONC
91	AD570610	A121305	TRACE2	12/13/05	14:44	SW	S	CONC
92	AD570610/L (1:5)	A121305	TRACE2	12/13/05	14:48	SW	S	CONC
93	AD570610/PS	A121305	TRACE2	12/13/05	14:52	SW	S	CONC
94	AD570611	A121305	TRACE2	12/13/05	14:57	SW	S	CONC
95	AD570866	A121305	TRACE2	12/13/05	23:48	SW	S	CONC
96	AD570866/L (1:5)	A121305	TRACE2	12/13/05	23:52	SW	S	CONC
97	AD570866/PS	A121305	TRACE2	12/13/05	23:57	SW	S	CONC
98	AD570867/MS	A121305	TRACE2	12/14/05	00:01	SW	S	CONC
99	AD570868/SD	A121305	TRACE2	12/14/05	00:06	SW	S	CONC
100	AD570869	A121305	TRACE2	12/13/05	23:44	SW	S	CONC
101	AD570870/EBLK	A121305	TRACE2	12/13/05	23:39	SW	S	CONC
102	AD570871/LCS	A121305	TRACE2	12/13/05	23:35	SW	S	CONC
103	AD570872/PB	A121305	TRACE2	12/13/05	23:30	SW	S	CONC
104	AD570873	A121305	TRACE2	12/14/05	00:33	SW	S	CONC
105	AD570873/L (1:5)	A121305	TRACE2	12/14/05	00:38	SW	S	CONC
106	AD570873/PS	A121305	TRACE2	12/14/05	00:42	SW	S	CONC
107	AD570874/MS	A121305	TRACE2	12/14/05	00:47	SW	S	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
108	AD570875/SD	A121305	TRACE2	12/14/05	00:51	SW	S	CONC
109	AD570876	A121305	TRACE2	12/14/05	00:56	SW	S	CONC
110	AD570877/EBLK	A121305	TRACE2	12/14/05	00:29	SW	S	CONC
111	AD570878/LCS	A121305	TRACE2	12/14/05	00:25	SW	S	CONC
112	AD570879/PB	A121305	TRACE2	12/14/05	00:20	SW	S	CONC
113	AD570880	A121305	TRACE2	12/14/05	02:17	SW	S	CONC
114	AD570880/L (1:5)	A121305	TRACE2	12/14/05	02:21	SW	S	CONC
115	AD570880/PS	A121305	TRACE2	12/14/05	02:26	SW	S	CONC
116	AD570881/MS	A121305	TRACE2	12/14/05	02:30	SW	S	CONC
117	AD570882/SD	A121305	TRACE2	12/14/05	02:35	SW	S	CONC
118	AD570883/LCS	A121305	TRACE2	12/14/05	02:13	SW	S	CONC
119	AD570884/PB	A121305	TRACE2	12/14/05	01:00	SW	S	CONC
120	AD570905	A121305	TRACE2	12/14/05	04:37	SW	S	CONC
121	AD570906	A121305	TRACE2	12/14/05	04:41	SW	S	CONC
122	AD570907	A121305	TRACE2	12/14/05	04:56	SW	S	CONC
123	AD570908	A121305	TRACE2	12/14/05	05:00	SW	S	CONC
124	AD570909	A121305	TRACE2	12/14/05	05:05	SW	S	CONC
125	AD570910	A121305	TRACE2	12/14/05	05:09	SW	S	CONC
126	AD570911	A121305	TRACE2	12/14/05	05:13	SW	S	CONC
127	AD570912	A121305	TRACE2	12/14/05	05:18	SW	S	CONC
128	AD570913	A121305	TRACE2	12/14/05	05:22	SW	S	CONC
129	AD570914	A121305	TRACE2	12/14/05	05:27	SW	S	CONC
130	AD570914/L (1:5)	A121305	TRACE2	12/14/05	05:31	SW	S	CONC
131	AD570914/PS	A121305	TRACE2	12/14/05	05:36	SW	S	CONC
132	AD570915/MS	A121305	TRACE2	12/14/05	05:50	SW	S	CONC
133	AD570916/SD	A121305	TRACE2	12/14/05	05:55	SW	S	CONC
134	AD570917	A121305	TRACE2	12/14/05	05:59	SW	S	CONC
135	AD570918	A121305	TRACE2	12/14/05	06:03	SW	S	CONC
136	AD570919	A121305	TRACE2	12/14/05	06:08	SW	S	CONC
137	AD570920	A121305	TRACE2	12/14/05	06:12	SW	S	CONC
138	AD570921	A121305	TRACE2	12/14/05	06:17	SW	S	CONC
139	AD570922	A121305	TRACE2	12/14/05	06:21	SW	S	CONC
140	AD570923	A121305	TRACE2	12/14/05	06:25	SW	S	CONC
141	AD570924	A121305	TRACE2	12/14/05	06:30	SW	S	CONC
142	AD570925	A121305	TRACE2	12/14/05	06:45	SW	S	CONC
143	AD570926	A121305	TRACE2	12/14/05	06:49	SW	S	CONC
144	AD570927/FB	A121305	TRACE2	12/14/05	04:32	SW	S	CONC
145	AD570928/PB	A121305	TRACE2	12/14/05	04:28	SW	S	CONC
146	AD570957	A121305	TRACE2	12/14/05	02:48	SW	S	CONC
147	AD570958	A121305	TRACE2	12/14/05	02:52	SW	S	CONC
148	AD570959	A121305	TRACE2	12/14/05	03:07	SW	S	CONC
149	AD570959/L (1:5)	A121305	TRACE2	12/14/05	03:11	SW	S	CONC
150	AD570959/PS	A121305	TRACE2	12/14/05	03:16	SW	S	CONC
151	AD570960	A121305	TRACE2	12/14/05	03:29	SW	S	CONC
152	AD570961	A121305	TRACE2	12/14/05	03:33	SW	S	CONC
153	AD570962	A121305	TRACE2	12/14/05	03:38	SW	S	CONC
154	AD570963	A121305	TRACE2	12/14/05	03:42	SW	S	CONC
155	AD570964	A121305	TRACE2	12/14/05	03:47	SW	S	CONC
156	AD570965/FB	A121305	TRACE2	12/14/05	02:43	SW	S	CONC
157	AD570966/PB	A121305	TRACE2	12/14/05	02:39	SW	S	CONC
158	AD571080/MS	A121305	TRACE2	12/14/05	03:20	SW	S	CONC
159	AD571081/SD	A121305	TRACE2	12/14/05	03:25	SW	S	CONC
160	AD571082	A121305	TRACE2	12/14/05	04:01	SW	S	CONC
161	AD571083	A121305	TRACE2	12/14/05	04:06	SW	S	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
162	AD571084	A121305	TRACE2	12/14/05	04:10	SW	S	CONC
163	AD571085	A121305	TRACE2	12/14/05	04:15	SW	S	CONC
164	AD571086	A121305	TRACE2	12/14/05	04:19	SW	S	CONC
165	AD571087	A121305	TRACE2	12/14/05	04:23	SW	S	CONC
166	CCB	A121305	TRACE2	12/13/05	12:08	SW	B	CONC
167	CCB	A121305	TRACE2	12/13/05	13:13	SW	B	CONC
168	CCB	A121305	TRACE2	12/13/05	14:07	SW	B	CONC
169	CCB	A121305	TRACE2	12/13/05	14:22	SW	B	CONC
170	CCB	A121305	TRACE2	12/13/05	15:29	SW	B	CONC
171	CCB	A121305	TRACE2	12/13/05	16:24	SW	B	CONC
172	CCB	A121305	TRACE2	12/13/05	17:53	SW	B	CONC
173	CCB	A121305	TRACE2	12/13/05	18:47	SW	B	CONC
174	CCB	A121305	TRACE2	12/13/05	19:45	SW	B	CONC
175	CCB	A121305	TRACE2	12/13/05	20:39	SW	B	CONC
176	CCB	A121305	TRACE2	12/13/05	21:33	SW	B	CONC
177	CCB	A121305	TRACE2	12/13/05	22:27	SW	B	CONC
178	CCB	A121305	TRACE2	12/13/05	23:21	SW	B	CONC
179	CCB	A121305	TRACE2	12/14/05	00:16	SW	B	CONC
180	CCB	A121305	TRACE2	12/14/05	01:10	SW	B	CONC
181	CCB	A121305	TRACE2	12/14/05	02:08	SW	B	CONC
182	CCB	A121305	TRACE2	12/14/05	03:02	SW	B	CONC
183	CCB	A121305	TRACE2	12/14/05	03:57	SW	B	CONC
184	CCB	A121305	TRACE2	12/14/05	04:51	SW	B	CONC
185	CCB	A121305	TRACE2	12/14/05	05:46	SW	B	CONC
186	CCB	A121305	TRACE2	12/14/05	06:40	SW	B	CONC
187	CCB	A121305	TRACE2	12/14/05	06:59	SW	B	CONC
188	CCV	A121305	TRACE2	12/13/05	12:04	SW	Q	CONC
189	CCV	A121305	TRACE2	12/13/05	13:09	SW	Q	CONC
190	CCV	A121305	TRACE2	12/13/05	14:03	SW	Q	CONC
191	CCV	A121305	TRACE2	12/13/05	14:17	SW	Q	CONC
192	CCV	A121305	TRACE2	12/13/05	15:24	SW	Q	CONC
193	CCV	A121305	TRACE2	12/13/05	16:19	SW	Q	CONC
194	CCV	A121305	TRACE2	12/13/05	17:48	SW	Q	CONC
195	CCV	A121305	TRACE2	12/13/05	18:42	SW	Q	CONC
196	CCV	A121305	TRACE2	12/13/05	19:40	SW	Q	CONC
197	CCV	A121305	TRACE2	12/13/05	20:34	SW	Q	CONC
198	CCV	A121305	TRACE2	12/13/05	21:29	SW	Q	CONC
199	CCV	A121305	TRACE2	12/13/05	22:23	SW	Q	CONC
200	CCV	A121305	TRACE2	12/13/05	23:17	SW	Q	CONC
201	CCV	A121305	TRACE2	12/14/05	00:11	SW	Q	CONC
202	CCV	A121305	TRACE2	12/14/05	01:06	SW	Q	CONC
203	CCV	A121305	TRACE2	12/14/05	02:04	SW	Q	CONC
204	CCV	A121305	TRACE2	12/14/05	02:58	SW	Q	CONC
205	CCV	A121305	TRACE2	12/14/05	03:52	SW	Q	CONC
206	CCV	A121305	TRACE2	12/14/05	04:47	SW	Q	CONC
207	CCV	A121305	TRACE2	12/14/05	05:41	SW	Q	CONC
208	CCV	A121305	TRACE2	12/14/05	06:36	SW	Q	CONC
209	CCV	A121305	TRACE2	12/14/05	06:55	SW	Q	CONC
210	CRI	A121305	TRACE2	12/13/05	11:36	SW	B	CONC
211	CRI	A121305	TRACE2	12/13/05	16:06	SW	B	CONC
212	CRI	A121305	TRACE2	12/13/05	19:26	SW	B	CONC
213	CRI	A121305	TRACE2	12/14/05	01:49	SW	B	CONC
214	ICB	A121305	TRACE2	12/13/05	11:32	SW	B	CONC
215	ICB	A121305	TRACE2	12/13/05	19:21	SW	B	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
216	ICB	A121305	TRACE2	12/14/05	01:45	SW	B	CONC
217	ICSA	A121305	TRACE2	12/13/05	11:40	SW	Q	CONC
218	ICSA	A121305	TRACE2	12/13/05	16:11	SW	Q	CONC
219	ICSA	A121305	TRACE2	12/13/05	19:30	SW	Q	CONC
220	ICSA	A121305	TRACE2	12/14/05	01:54	SW	Q	CONC
221	ICSAB	A121305	TRACE2	12/13/05	11:45	SW	Q	CONC
222	ICSAB	A121305	TRACE2	12/13/05	11:58	SW	Q	CONC
223	ICSAB	A121305	TRACE2	12/13/05	16:15	SW	Q	CONC
224	ICSAB	A121305	TRACE2	12/13/05	19:35	SW	Q	CONC
225	ICSAB	A121305	TRACE2	12/14/05	01:58	SW	Q	CONC
226	ICV	A121305	TRACE2	12/13/05	11:27	SW	Q	CONC
227	ICV	A121305	TRACE2	12/13/05	19:17	SW	Q	CONC
228	ICV	A121305	TRACE2	12/14/05	01:40	SW	Q	CONC
229	IDOC1TS	A121305	TRACE2	12/13/05	12:13	SW	S	CONC
230	IDOC2TS	A121305	TRACE2	12/13/05	12:17	SW	S	CONC
231	IDOC3TS	A121305	TRACE2	12/13/05	12:22	SW	S	CONC
232	IDOC4TS	A121305	TRACE2	12/13/05	12:26	SW	S	CONC
233	STD 1	A121305	TRACE2	12/13/05	11:10		X	IR
234	STD 1	A121305	TRACE2	12/13/05	19:00		X	IR
235	STD 1	A121305	TRACE2	12/14/05	01:24		X	IR
236	STD 2	A121305	TRACE2	12/13/05	11:14		X	IR
237	STD 2	A121305	TRACE2	12/13/05	19:04		X	IR
238	STD 2	A121305	TRACE2	12/14/05	01:28		X	IR
239	STD 3	A121305	TRACE2	12/13/05	11:18		X	IR
240	STD 3	A121305	TRACE2	12/13/05	19:08		X	IR
241	STD 3	A121305	TRACE2	12/14/05	01:32		X	IR
242	STD 3 VER	A121305	TRACE2	12/13/05	11:23	SW	B	CONC
243	STD 3 VER	A121305	TRACE2	12/13/05	19:13	SW	B	CONC
244	STD 3 VER	A121305	TRACE2	12/14/05	01:36	SW	B	CONC
245	STD BLK	A121305	TRACE2	12/13/05	11:06		X	IR
246	STD BLK	A121305	TRACE2	12/13/05	18:56		X	IR
247	STD BLK	A121305	TRACE2	12/14/05	01:19		X	IR

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
1	AD570412	37.134	.05657	.19710	.31779	.00437	H1553.6
2	AD570412/L (1:5)	8.4723	.01337	.04556	.06934	.00102	338.07
3	AD570412/PS	52.480	.42257	.53019	.67206	.35225	H1460.5
4	AD570413	66.385	.07225	.07044	.55583	.00400	165.63
5	AD570427/(1:10)	2.1671	.07328	.11370	5.5473	.00016	8.8392
6	AD570427/L (1:50)	.44410	.01704	.02408	1.5943	.00000	1.7907
7	AD570427/PS (1:10)	20.820	.45385	.46211	5.6570	.37947	27.645
8	AD570428/CLPSL	67.206	.73968	.83509	1.5227	1.3368	40.160
9	AD570429/PB	.02455	.00298	.00287	H.00661	.00016	.07457
10	AD570430	111.53	.04347	.01883	.87169	.00533	19.047
11	AD570430/L (1:5)	24.147	.01229	.00489	.18671	.00104	4.1169
12	AD570430/PS	126.96	.40050	.35332	1.2263	.36842	36.271
13	AD570431/MS	114.70	.37797	.33345	1.1814	.35711	38.617
14	AD570432/SD	125.66	.38520	.33489	1.3077	.35553	41.640
15	AD570433	105.56	.04551	.02431	.91533	.00478	20.892
16	AD570434	86.184	.03732	.01987	.39404	.00369	14.278
17	AD570435	93.057	.05529	.03189	1.1160	.00460	44.679
18	AD570436	91.826	.06987	.02085	.59150	.00404	49.303
19	AD570437	69.485	.02667	.01508	.34604	.00280	12.435
20	AD570438	87.352	.03545	.01614	.51463	.00333	16.657
21	AD570439	70.090	.03389	.02033	.49569	.00327	24.469
22	AD570440	96.285	.04476	.02152	.40454	.00410	10.302
23	AD570441	141.17	.15034	.04803	.88813	.00692	38.535
24	AD570442	93.024	.04163	.02074	.48824	.00391	19.604
25	AD570443	139.03	.08337	.02992	.76417	.00746	15.534
26	AD570444	99.230	.04427	.02147	.80415	.00433	23.309
27	AD570445	115.17	.05317	.02392	.59153	.00532	14.390
28	AD570446	113.06	.05108	.01693	1.0610	.00505	24.535
29	AD570447	56.688	.02642	.01215	.27659	.00221	14.403
30	AD570448/CLPSL	65.243	.69535	.76464	1.4902	1.2139	37.888
31	AD570449/PB	.03241	.00009	.00116	.00024	-.00010	.01708
32	AD570463	.05023	.00155	.59228	.09345	.00009	54.974
33	AD570464	.21457	.00060	2.1856	.08693	.00003	32.023
34	AD570465	.23754	.00229	.08892	.07314	.00005	102.49
35	AD570466	.03885	.00081	.61085	.09647	.00004	56.505
36	AD570467	.51938	-.00198	.04163	.10080	.00003	88.980
37	AD570468	.05594	.00024	1.8187	.13952	-.00004	38.272
38	AD570469	.70621	.00100	.03283	.03396	.00005	152.75
39	AD570470	.04879	.00108	1.4251	.15865	.00002	72.680
40	AD570471	.16196	.00026	.07518	.07497	.00009	193.18
41	AD570472	.50892	.00101	1.0404	.34559	.00007	108.65
42	AD570472/L (1:5)	.11902	-.00019	.21025	.06985	-.00007	22.149
43	AD570472/PS	10.241	.20029	1.1470	.51991	.19050	109.41
44	AD570473/MD	.63665	-.00161	1.0393	.34686	.00010	109.49
45	AD570474/MS	2.3229	.03997	1.0491	2.4849	.04961	110.86
46	AD570475/SD	2.2527	.03964	.99739	2.3367	.04712	104.95
47	AD570476	.05058	-.00145	2.6614	.28517	-.00011	9.0487
48	AD570477	.13052	-.00074	.12149	.06932	.00006	225.99
49	AD570478	.08773	.00020	1.2990	.55372	-.00004	88.362
50	AD570479/FB	9.6825	.19978	.18976	.20738	.19452	9.6884
51	AD570480/PB	.03862	.00185	.00162	.00009	-.00001	.00714
52	AD570525	.00776	.02512	.59723	.00225	-.00030	10.108
53	AD570526	.00315	.03531	.02177	.00269	-.00033	15.014

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
54	AD570527/(1:5)	119.44	.00651	.06618	.38084	.00455	15.097
55	AD570528/MS	247.46	.25150	.26953	1.2784	.17139	65.088
56	AD570529/SD	194.09	.20036	.21182	.99247	.13442	50.962
57	AD570530	.05756	.00081	.01135	.00313	.00001	15.139
58	AD570530/L (1:5)	.01150	.00103	.00261	.00063	-.00002	3.0410
59	AD570530/PS	10.130	.20687	.21041	.21094	.20422	24.828
60	AD570531	.01731	.02255	.05998	.00283	.00002	14.603
61	AD570532	.03817	.01227	.00771	.00102	.00000	7.9722
62	AD570533	.01295	.00138	.00605	.00325	.00000	17.183
63	AD570534	.02572	.02238	.60447	.00202	-.00003	9.5182
64	AD570535	.04158	.02034	.36043	.00374	-.00002	12.356
65	AD570536	.02537	.00306	.07406	.01077	.00001	22.069
66	AD570537	.12235	.00021	.00508	.00623	-.00001	8.1233
67	AD570538	2.0060	.00196	.04824	.11169	.00034	102.82
68	AD570539	.47437	.00154	.00542	.08024	.00052	35.826
69	AD570540	.27173	.00209	.00730	.12475	.00013	4.6681
70	AD570541	.02025	.02457	.01038	.29047	.00016	173.61
71	AD570542	.26277	.00286	.02098	.10828	.00015	117.41
72	AD570543/FB	9.7881	.19436	.18447	.20429	.19752	9.8950
73	AD570544/PB	.00298	.00024	.00099	.00018	-.00035	-.00064
74	AD570549	.51659	.00558	.03042	.86826	.00030	174.65
75	AD570550	.59483	.00241	.02939	.83921	.00024	165.69
76	AD570564/(1:5)	.05345	.00700	.01431	.46169	.00018	282.18
77	AD570565/(1:5)	.02325	.00607	.01414	.35143	.00019	307.49
78	AD570566/(1:5)	.08646	.00854	.03802	.20480	.00015	218.11
79	AD570568/(1:5)	.20210	.00149	.09713	.11693	.00009	98.898
80	AD570571/(1:5)	.02706	.01018	.00713	.15381	.00011	150.63
81	AD570572/(1:5)	.02337	.00242	.01833	.62828	.00027	403.49
82	AD570573/(1:5)	.02453	.00870	.01808	.47296	.00016	278.35
83	AD570576/(1:5)	.00615	.00100	.00968	.00720	.00004	55.511
84	AD570578	.32477	.00315	.05754	1.1578	.00022	176.45
85	AD570578/L (1:5)	.07001	.00098	.01150	.22825	.00004	34.919
86	AD570578/PS	10.665	.21740	.25268	1.3393	.20499	181.54
87	AD570579/MS	10.438	.21038	.25472	1.4272	.20043	193.62
88	AD570580/SD	10.303	.20692	.25193	1.4000	.19669	189.47
89	AD570581	37.294	12.006	17.042	H37.373	1.0883	.07830
90	AD570581/(1:5)	7.5011	2.4846	3.4548	7.8439	.22228	.03092
91	AD570610	.28917	.00103	.21097	.04007	.00001	50.518
92	AD570610/L (1:5)	.07521	.00301	.04175	.00804	-.00009	10.145
93	AD570610/PS	10.695	.21688	.39628	.25945	.20736	60.880
94	AD570611	.17332	.00125	.08954	.03347	.00002	109.80
95	AD570866	.14014	.00575	.33991	.00409	.00056	1.3361
96	AD570866/L (1:5)	.03615	.00180	.06762	.00087	.00006	.25506
97	AD570866/PS	.14924	1.0704	.33697	1.0199	.98287	1.2827
98	AD570867/MS	.13504	1.0492	.32862	1.0011	.93128	1.3196
99	AD570868/SD	.12300	1.0567	.33658	1.0143	.95028	1.2705
100	AD570869	.51696	.03710	.08532	.05959	.00026	39.348
101	AD570870/EBLK	.05764	.00305	H.05872	H.00637	.00013	H.50915
102	AD570871/LCS	.05490	1.0631	.05815	1.0049	.97490	.55455
103	AD570872/PB	.03258	.00081	.00075	.00069	.00011	.10125
104	AD570873	20.221	.02141	1.2984	.13609	.00097	74.316
105	AD570873/L (1:5)	4.0318	.00523	.26266	.02797	.00053	16.008
106	AD570873/PS	19.890	1.0776	1.2811	1.1043	.96995	74.003
107	AD570874/MS	20.010	1.0664	1.3092	1.0816	.93603	76.536

Analysis Report Averages 12/19/05 12:44:26 PM page 8

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
108	AD570875/SD	19.568	1.0623	1.2774	1.0716	.93101	75.635
109	AD570876	.60675	.01223	.34482	.88277	.00101	108.63
110	AD570877/EBLK	.05493	.00500	H.07104	H.00781	.00016	H.63349
111	AD570878/LCS	.05943	1.0050	.06579	.95800	.89118	.62175
112	AD570879/PB	.02276	.00169	.00122	.00006	.00000	-.00819
113	AD570880	.19959	.01251	.20647	.33053	.00154	28.800
114	AD570880/L (1:5)	.11112	.00261	.04091	.06848	.00090	5.8297
115	AD570880/PS	.10565	1.1319	.20297	1.2937	.98367	28.258
116	AD570881/MS	.06719	1.2015	.27808	1.4400	.97462	39.286
117	AD570882/SD	.05634	1.1649	.27320	1.4132	.94369	37.935
118	AD570883/LCS	.00457	1.0162	-.00182	1.0168	.98477	.00489
119	AD570884/PB	.02618	.00028	.00152	.00010	.00012	.00174
120	AD570905	.00449	-.00265	.00073	.00008	-.00006	.00400
121	AD570906	.00618	-.00370	.00370	.04766	.00005	86.124
122	AD570907	.01837	-.00127	.00417	.12020	.00001	63.717
123	AD570908	.13200	-.00253	.00335	.02914	.00000	40.107
124	AD570909	.01268	-.00189	.00323	.01774	.00003	71.998
125	AD570910	.04739	-.00167	.00369	.01471	.00078	7.2245
126	AD570911	3.9841	-.00273	.02095	.02744	.00092	.80948
127	AD570912	1.9579	-.00168	.01107	.03038	.00071	1.2189
128	AD570913	.38677	-.00184	.00488	.05044	.00205	2.3276
129	AD570914	.02791	-.00157	.00469	.09128	.00013	8.3600
130	AD570914/L (1:5)	.00550	-.00326	.00079	.01878	-.00002	1.7349
131	AD570914/PS	10.186	.20940	.20213	.30040	.20629	18.428
132	AD570915/MS	9.9415	.19872	.19629	.29987	.19873	18.262
133	AD570916/SD	10.079	.20498	.19878	.30415	.20152	18.486
134	AD570917	.58809	-.00136	.00463	.02087	.00109	1.5294
135	AD570918	.04435	.00004	.00419	.01461	.00074	7.0447
136	AD570919	.71391	-.00266	.01482	.05808	.00080	2.6423
137	AD570920	.23594	-.00109	.00273	.01212	.00093	1.1687
138	AD570921	.00599	-.00278	.00032	.00000	-.00009	-.00157
139	AD570922	.00811	-.00137	.21081	.15865	.00004	101.76
140	AD570923	.00478	-.00251	.21677	.16449	.00003	102.40
141	AD570924	.00296	-.00024	.20890	.15550	.00003	99.965
142	AD570925	1.2401	-.00163	.01309	.04493	-.00007	54.711
143	AD570926	2.7558	.00080	.04731	.13552	.00005	153.03
144	AD570927/FB	9.8316	.19796	.19051	.20284	.19763	9.4741
145	AD570928/PB	-.00125	-.00126	.00070	-.00004	-.00009	.00967
146	AD570957	.03844	.01196	.06434	.00339	.00036	5.4886
147	AD570958	1.4303	-.00132	.04782	.17598	.00032	17.167
148	AD570959	.07777	.01529	.12222	.12588	.00000	18.724
149	AD570959/L (1:5)	.01389	.00148	.02372	.02505	-.00003	3.7012
150	AD570959/PS	9.9171	.21804	.31194	.32245	.19906	27.668
151	AD570960	.01311	.00676	.00877	.00039	-.00001	10.381
152	AD570961	.01038	-.00003	.01502	.00824	-.00004	17.365
153	AD570962	.06603	.00009	.03673	.00705	-.00001	21.691
154	AD570963	.37888	.07878	9.0127	.51749	.00048	228.67
155	AD570964	.05640	.00020	6.4763	.07840	.00018	207.39
156	AD570965/FB	9.8695	.19627	.19108	.19567	.19595	9.6689
157	AD570966/PB	.03476	.00051	.00082	.00176	.00110	.10857
158	AD571080/MS	10.042	.21961	.31911	.33485	.20100	28.713
159	AD571081/SD	9.8945	.21962	.31689	.33164	.19913	28.445
160	AD571082	2.3837	.00474	.05674	.24023	.00015	111.58
161	AD571083	8.1604	.00689	.10183	.18291	.00039	88.621

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
162	AD571084	2.5247	.00377	.04663	.48359	.00011	79.881
163	AD571085	2.2933	.00444	.05646	.23589	.00013	109.21
164	AD571086	.25512	.00458	.11463	.20138	.00003	98.324
165	AD571087	1.1819	.00063	.04394	.15121	.00005	58.135
166	CCB	.01226	.00194	.00061	.00000	-.00001	-.00553
167	CCB	.03563	.00224	.00058	.00012	.00000	.00660
168	CCB	.05639	.00046	.00126	.00029	.00007	.00316
169	CCB	.02843	.00192	.00114	.00017	-.00006	.00061
170	CCB	.00791	-.00139	.00208	.00025	.00007	.01226
171	CCB	.02168	-.00059	.00078	.00036	-.00008	.00927
172	CCB	-.01097	.00138	.00099	.00000	-.00030	-.00952
173	CCB	-.01022	-.00013	.00112	.00014	-.00028	-.00463
174	CCB	.02288	.00038	.00034	.00025	.00016	.01862
175	CCB	.02648	.00070	.00051	.00021	.00018	.00846
176	CCB	.03804	.00137	.00114	.00029	.00025	.01588
177	CCB	.01824	-.00131	.00117	.00025	.00007	-.00470
178	CCB	.02865	.00152	.00129	.00019	.00013	.01604
179	CCB	.03449	.00081	.00153	.00058	.00019	-.00171
180	CCB	.03113	.00096	.00132	.00020	.00020	-.00194
181	CCB	.01796	-.00157	.00067	.00023	.00016	.01033
182	CCB	.00400	-.00096	.00037	-.00004	.00005	-.00957
183	CCB	.00784	-.00024	.00268	.00007	.00005	-.00183
184	CCB	.00259	.00013	.00094	.00004	.00002	-.00210
185	CCB	.00316	-.00233	.00042	.00001	.00002	-.00225
186	CCB	.00490	-.00122	.00056	.00000	-.00007	-.00820
187	CCB	.00995	-.00268	.00060	.00011	.00000	-.00207
188	CCV	25.389	.49083	.46708	.50035	.50058	25.350
189	CCV	25.756	.50158	.46658	.51462	.50316	25.570
190	CCV	25.996	.50361	.46121	.52867	.50427	25.804
191	CCV	25.505	.48452	.45644	.49914	.49673	25.303
192	CCV	25.332	.49329	.45768	.49367	.51202	26.229
193	CCV	25.256	.48865	Q.44558	.50378	.49402	25.303
194	CCV	25.622	.48958	Q.44778	.50509	.50179	25.571
195	CCV	25.626	.47477	Q.44408	.49910	.49464	25.267
196	CCV	25.235	.48134	.46964	.48852	.49232	24.677
197	CCV	25.332	.48870	.46581	.49377	.49403	24.840
198	CCV	25.492	.49171	.46442	.49667	.49806	25.089
199	CCV	25.617	.49922	.46669	.50393	.50186	25.323
200	CCV	25.849	.50495	.46960	.50642	.50799	25.758
201	CCV	25.796	.50591	.46587	.50419	.50397	25.561
202	CCV	25.868	.50314	.46705	.50419	.50512	25.751
203	CCV	25.428	.48638	.47261	.49401	.49557	24.222
204	CCV	26.117	.49293	.47823	.49020	.50508	25.335
205	CCV	25.720	.49086	.47634	.49778	.49768	24.490
206	CCV	25.646	.48878	.46958	.49523	.49758	24.482
207	CCV	25.725	.49602	.47114	.49955	.50357	24.847
208	CCV	25.859	.50447	.47479	.50362	.50760	25.057
209	CCV	25.969	.49672	.47230	.50487	.49744	24.352
210	CRI	.19093	.01054	.04860	.00196	.00188	.48710
211	CRI	.18729	.01110	.04701	.00211	.00164	.48906
212	CRI	.18943	.00876	.04970	.00202	.00192	.49142
213	CRI	.20864	.00984	.05049	.00216	.00209	.50064
214	ICB	.00317	-.00118	.00098	.00000	.00003	.00594
215	ICB	-.00386	.00065	.00096	.00016	.00004	.01671

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
216	ICB	.01144	-.00159	.00056	.00040	.00028	.02793
217	ICSA	489.95	.00300	.00794	.01287	.00189	483.42
218	ICSA	497.70	.00077	.00827	.01336	.00148	490.15
219	ICSA	489.19	.00320	.00847	.01305	.00164	478.28
220	ICSA	499.97	-.00128	.00956	.01337	.00169	477.18
221	ICSAB	492.38	.10043	.00455	.51806	.48442	485.59
222	ICSAB	494.87	.10106	.00525	.53152	.48788	489.10
223	ICSAB	502.88	.10266	.00437	.55218	.48891	498.94
224	ICSAB	493.98	.10194	.00479	.53054	.48271	481.51
225	ICSAB	499.93	.09924	.00495	.53261	.48636	473.66
226	ICV	19.142	.36432	.35972	.36890	.37723	18.926
227	ICV	18.999	.36604	.35842	.36938	.37447	18.702
228	ICV	19.363	.36752	.36377	.37463	.38005	18.575
229	IDOC1TS	9.8570	.19994	.19436	.20361	.20220	10.198
230	IDOC2TS	9.9231	.20268	.19767	.20467	.20419	10.313
231	IDOC3TS	9.8766	.20179	.19697	.20429	.20341	10.304
232	IDOC4TS	9.8823	.19879	.19439	.20541	.20286	10.292
233	STD 1	9.64674	.78943	1.8187	6.41387	5.59376	
234	STD 1	9.84385	.77362	1.73619	6.56543	5.64096	
235	STD 1	9.54056	.75184	1.72549	6.15364	5.60813	
236	STD 2	47.6908	3.94181	8.64421	31.8143	27.2172	
237	STD 2	48.7574	3.94403	8.22933	32.7475	27.5278	
238	STD 2	45.0945	3.58658	7.76619	29.3273	26.2008	
239	STD 3	96.012	7.86364	17.2525	63.1086	53.6519	36.0103
240	STD 3	98.108	8.08401	16.4145	66.3019	54.8614	37.441
241	STD 3	95.8606	7.71843	16.3371	62.3903	54.8634	36.8081
242	STD 3 VER	50.549	.98894	.99767	.98726	.98797	49.705
243	STD 3 VER	50.347	1.0103	.99778	1.0088	.99456	49.811
244	STD 3 VER	51.117	1.0254	1.0126	1.0244	1.0086	49.511
245	STD BLK	.22766	-.02142	.08848	.00814	.14666	.00834
246	STD BLK	.20471	-.02586	.09556	.01206	.13107	.00287
247	STD BLK	.12614	.00129	.10039	.01489	.12577	.01967

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
1	AD570412	L-.00633	.04484	.04538	.06991	87.360	24.305
2	AD570412/L (1:5)	-.00127	.01012	.01068	.01303	20.023	4.7811
3	AD570412/PS	.31992	.37369	.37583	.45303	99.787	43.467
4	AD570413	L-.00820	.05843	.09725	.36141	151.70	11.749
5	AD570427/(1:10)	.13512	.01032	.09036	.08398	42.729	.17763
6	AD570427/L (1:50)	.02710	.00197	.01835	.01567	8.6621	.03619
7	AD570427/PS (1:10)	.48851	.37950	.45100	.46251	58.304	19.333
8	AD570428/CLPSL	2.0531	.61782	.51741	1.3133	85.995	21.748
9	AD570429/PB	H.00127	.00001	.00345	-.00029	.02452	.04395
10	AD570430	.02853	.09447	1.1023	.39162	201.90	11.760
11	AD570430/L (1:5)	.00630	.02045	.23838	.08201	44.045	2.4143
12	AD570430/PS	.37048	.44574	1.3983	.75815	207.55	29.289
13	AD570431/MS	.36425	.41949	1.2945	.70123	191.48	26.575
14	AD570432/SD	.36852	.42693	1.4215	.75010	211.48	27.720
15	AD570433	.03423	.10649	1.0235	.38332	193.80	12.229
16	AD570434	.00233	.06861	.30188	.14670	191.38	8.3226
17	AD570435	.04193	.08479	1.1752	.35908	180.00	11.467
18	AD570436	.05205	.08265	.38789	.23011	194.93	9.3239

Analysis Report Averages 12/19/05 12:44:26 PM page 11

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
19	AD570437	.00874	.06450	.33870	.11218	150.51	6.9183
20	AD570438	.03351	.06960	.65530	.17728	186.61	7.5906
21	AD570439	.00640	.07042	.29630	.18796	151.74	8.1768
22	AD570440	L-.00452	.07619	.15673	.16977	227.58	9.1729
23	AD570441	L-.01162	.23705	.21887	.56227	340.13	14.628
24	AD570442	.00217	.08468	.27406	.16819	219.01	8.2539
25	AD570443	L-.00816	.13049	.18853	.30931	305.91	12.141
26	AD570444	.05709	.08459	.93483	.29971	192.52	10.550
27	AD570445	.00973	.10079	.43163	.25763	232.15	10.865
28	AD570446	.09297	.10096	1.6055	.39863	211.60	10.058
29	AD570447	L-.00219	.05828	.24164	.09633	123.81	5.7121
30	AD570448/CLPSL	L1.8124	L.54388	.47869	1.2390	88.836	20.320
31	AD570449/PB	-.00029	-.00031	.00094	-.00307	.01299	.01904
32	AD570463	.00806	.00023	.00037	-.00314	.15376	1.8671
33	AD570464	.00058	.00034	.00116	-.00274	.32784	1.8796
34	AD570465	.00105	.00074	.00105	-.00235	.19301	1.7940
35	AD570466	.00074	.00026	.00033	-.00316	.13298	1.9375
36	AD570467	.00020	.00051	.00168	.00012	.45081	2.4385
37	AD570468	.00502	.00104	.00072	.00187	.08102	2.6265
38	AD570469	.00017	.00039	.00122	-.00017	.47566	3.5247
39	AD570470	.00135	.00028	.00052	-.00216	.08789	2.9834
40	AD570471	.00025	.00042	.00132	-.00235	.25027	5.9156
41	AD570472	.00011	.00046	.00106	-.00217	.68353	2.4793
42	AD570472/L (1:5)	-.00001	.00006	.00046	-.00263	.13889	.41067
43	AD570472/PS	.17986	.17723	.18342	.19564	9.4833	13.091
44	AD570473/MD	.00026	.00020	.00110	-.00237	.81506	2.4810
45	AD570474/MS	.04538	.45020	.18799	.23956	1.2053	2.4232
46	AD570475/SD	.04513	.44103	.18225	.22954	1.3019	2.2974
47	AD570476	.00072	.00005	.00039	-.00231	.40073	1.7541
48	AD570477	.00030	.00075	.00096	.00056	.09459	2.8789
49	AD570478	.00271	.00016	.00072	-.00188	.21320	2.4494
50	AD570479/FB	.18642	.17816	.18417	.18766	8.9509	9.5867
51	AD570480/PB	.00000	.00003	.00043	-.00236	.00087	-.00456
52	AD570525	.00010	.00010	.00070	-.00021	.01806	2.4488
53	AD570526	-.00002	-.00014	.00027	.00641	.01481	1.4549
54	AD570527/(1:5)	.00428	.02168	.06805	.05256	68.574	9.4679
55	AD570528/MS	.13701	.21353	.33596	.36872	209.06	29.961
56	AD570529/SD	.10864	.16916	.26681	.28552	166.56	23.664
57	AD570530	-.00004	.00015	.00069	-.00076	.12275	1.1981
58	AD570530/L (1:5)	-.00018	.00017	.00030	-.00067	.00670	.22287
59	AD570530/PS	.19975	.20298	.20245	.20720	10.183	11.891
60	AD570531	-.00003	-.00015	.00021	-.00066	.01529	2.5095
61	AD570532	-.00014	.00015	-.00003	-.00159	.02241	.63857
62	AD570533	-.00024	.00014	.00025	-.00090	.00195	1.1176
63	AD570534	.00005	.00021	.00000	-.00020	.01541	2.6078
64	AD570535	-.00013	.00011	-.00009	-.00098	.11828	2.5707
65	AD570536	-.00017	-.00019	.00009	-.00175	.01457	2.3001
66	AD570537	-.00021	.00014	.00012	-.00079	.10148	.71486
67	AD570538	.00078	.04684	.00053	-.00029	.96354	1.4980
68	AD570539	.00016	.01932	.00059	-.00059	1.8167	.93359
69	AD570540	-.00006	.00205	.00027	-.00074	.06261	2.4027
70	AD570541	L-.00168	.02496	-.00041	-.00136	23.565	.81850
71	AD570542	.00245	.04834	.00062	-.00184	12.579	2.2106
72	AD570543/FB	.18685	.19327	.19412	.19160	9.9803	9.0709

Analysis Report Averages 12/19/05 12:44:26 PM page 12

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
73	AD570544/PB	.00006	.00008	.00019	-.00093	.02745	-.00717
74	AD570549	L-.00496	.00110	.00316	.00321	76.435	4.4441
75	AD570550	L-.00423	.00103	.00311	.00445	74.313	4.5025
76	AD570564/(1:5)	-.00008	.00208	.00405	-.00127	.06070	11.914
77	AD570565/(1:5)	-.00001	.00173	.07967	-.00022	.06647	11.508
78	AD570566/(1:5)	-.00015	.00108	.01188	-.00150	.05204	12.798
79	AD570568/(1:5)	-.00017	.00018	.00282	-.00184	.05691	36.422
80	AD570571/(1:5)	-.00002	.00328	.00333	.01975	.07600	20.390
81	AD570572/(1:5)	-.00012	.00018	-.00002	-.00163	.00944	12.502
82	AD570573/(1:5)	-.00021	.00233	.00003	-.00056	1.0581	10.075
83	AD570576/(1:5)	-.00020	.00016	.00007	-.00126	.46623	.69783
84	AD570578	L-.00274	.00161	.00198	-.00132	37.497	5.6234
85	AD570578/L (1:5)	-.00048	.00038	.00035	-.00139	7.6182	1.0082
86	AD570578/PS	.19199	.19902	.19931	.21059	46.515	16.565
87	AD570579/MS	.18776	.19086	.19150	.20221	49.680	16.609
88	AD570580/SD	.18502	.18734	.18902	.19934	48.941	16.378
89	AD570581	10.694	4.1556	19.090	7.0772	12.124	4.2291
90	AD570581/(1:5)	2.2234	.84604	3.8899	1.4243	2.4647	.80488
91	AD570610	.00075	.00034	.00059	-.00175	.23924	2.1028
92	AD570610/L (1:5)	-.00003	.00008	.00030	-.00328	.04918	.36317
93	AD570610/PS	.19318	.19181	.19917	.20404	9.7815	12.486
94	AD570611	-.00010	.00076	.00126	-.00301	.19238	2.6846
95	AD570866	-.00001	.01879	.01627	.00956	.22417	1.1767
96	AD570866/L (1:5)	-.00005	.00384	.00292	.00019	.04678	.15183
97	AD570866/PS	.97977	.96812	.97226	1.0404	.26175	1.1965
98	AD570867/MS	.93740	.94724	.94505	1.0185	.25260	1.2480
99	AD570868/SD	.96626	.96948	.96896	1.0310	.25693	1.1780
100	AD570869	.16605	.19137	.00353	.02535	.13403	4.9441
101	AD570870/EBLK	-.00017	-.00023	.00094	-.00143	.01782	.30649
102	AD570871/LCS	.98986	.97832	.98045	1.0155	.07137	.30726
103	AD570872/PB	-.00012	-.00013	-.00015	-.00121	.02005	.04988
104	AD570873	-.00097	.00311	.20539	.82923	44.545	7.7185
105	AD570873/L (1:5)	-.00020	.00084	.04351	.16181	9.6978	.97897
106	AD570873/PS	.93716	.91383	1.1257	1.8302	44.320	7.4461
107	AD570874/MS	.91410	.90945	1.1129	1.7083	45.675	7.4244
108	AD570875/SD	.90499	.90164	1.0989	1.6791	44.652	7.2000
109	AD570876	L-.00421	.06231	.01661	.01465	53.141	14.980
110	AD570877/EBLK	-.00007	.00017	.00122	.00266	H.05665	.47029
111	AD570878/LCS	.90918	.89632	.89803	.97540	.08368	.46071
112	AD570879/PB	-.00014	.00024	.00017	-.00281	-.00121	-.00409
113	AD570880	.00903	.00329	.09250	.39559	.35148	41.154
114	AD570880/L (1:5)	.00208	.00110	.01864	.07974	.10804	5.8017
115	AD570880/PS	1.0320	.98749	1.0749	1.4159	.34738	41.714
116	AD570881/MS	1.0318	.99760	1.1135	1.6131	.45020	59.552
117	AD570882/SD	1.0038	.97140	1.0882	1.5845	.42865	59.228
118	AD570883/LCS	1.0003	.99892	.99699	1.0008	.05932	.00019
119	AD570884/PB	-.00016	-.00015	-.00010	-.00279	.00042	-.00155
120	AD570905	-.00006	-.00004	.00042	-.00116	.00474	.00616
121	AD570906	.00000	.00059	.00014	-.00100	.04531	1.8270
122	AD570907	-.00014	.00688	.00044	-.00077	.19871	1.7854
123	AD570908	-.00030	.00195	.00033	-.00055	7.3092	1.7851
124	AD570909	-.00012	-.00017	.00087	-.00021	.01282	1.4450
125	AD570910	-.00006	.01057	.00042	.00188	.37835	.92241
126	AD570911	-.00011	.01035	.00265	.00017	4.1332	.59108

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
127	AD570912	.00021	.01492	.00180	.00019	.48777	.59645
128	AD570913	-.00033	.02834	.00086	-.00038	5.7893	2.2794
129	AD570914	-.00023	.00629	.00024	-.00013	9.8266	5.6442
130	AD570914/L (1:5)	-.00008	.00146	.00018	-.00073	2.0326	1.0927
131	AD570914/PS	.20020	.20908	.20263	.20850	19.724	15.934
132	AD570915/MS	.19432	.20224	.19689	.19925	19.980	16.049
133	AD570916/SD	.19628	.20378	.19847	.20054	20.020	16.083
134	AD570917	-.00007	.01332	.00054	.00257	.41112	1.5665
135	AD570918	-.00008	.01014	.00032	.00187	.36757	.89804
136	AD570919	.00005	.01522	.00080	.00602	.01760	1.3767
137	AD570920	-.00006	.00741	.00002	.00131	.03888	.37070
138	AD570921	.00001	.00008	.00021	-.00119	-.00587	.00435
139	AD570922	-.00049	.00054	.00145	-.00113	3.3252	11.454
140	AD570923	-.00028	.00086	.00188	.00013	3.9875	11.679
141	AD570924	-.00032	.00048	.00145	-.00047	3.3022	11.466
142	AD570925	-.00010	.00070	.00156	.00058	.75108	1.9954
143	AD570926	-.00002	.00336	.00322	.00109	2.4254	5.9867
144	AD570927/FB	.19411	.19472	.19532	.19766	9.7432	9.9480
145	AD570928/PB	.00000	-.00009	-.00017	-.00034	-.00451	.00712
146	AD570957	.00017	.00025	.00028	.00012	.02856	1.1910
147	AD570958	.00031	.00108	.00331	.00367	1.6415	1.7972
148	AD570959	.00005	.00035	.00085	-.00068	.09609	2.8200
149	AD570959/L (1:5)	-.00012	.00016	.00026	-.00030	.01658	.53193
150	AD570959/PS	.19488	.19729	.19781	.20226	9.9908	13.022
151	AD570960	-.00017	.00008	.00102	.00769	.26776	1.4303
152	AD570961	-.00017	.00005	.00022	.00017	.02210	1.6004
153	AD570962	.00004	.00034	.00063	-.00031	.07097	2.2208
154	AD570963	L-.00183	.04959	.09704	.02656	62.924	760.31
155	AD570964	-.00006	.00068	.00117	.00168	.82308	9.6872
156	AD570965/FB	.19538	.19546	.19734	.19598	9.8012	9.7926
157	AD570966/PB	.00092	.00067	.00117	.00215	.03084	.02624
158	AD571080/MS	.19660	.19756	.19799	.20139	9.9105	13.186
159	AD571081/SD	.19418	.19545	.19548	.19945	9.7781	12.997
160	AD571082	-.00067	.00081	.00214	.00039	1.5012	17.738
161	AD571083	-.00089	.00162	.00612	.00417	5.3796	18.833
162	AD571084	-.00053	.00056	.00234	.00161	1.3028	13.531
163	AD571085	-.00059	.00069	.00195	.00136	1.4585	17.744
164	AD571086	-.00050	.00006	.00118	-.00048	.17506	16.159
165	AD571087	-.00031	.00068	.00359	.00092	.98933	12.719
166	CCB	-.00022	-.00031	-.00016	-.00112	.00083	-.00635
167	CCB	.00002	.00007	.00041	-.00193	.00771	-.00269
168	CCB	.00001	.00028	.00044	-.00354	.00171	.00351
169	CCB	.00001	.00010	.00010	-.00216	.00258	.00242
170	CCB	.00015	.00022	.00046	-.00044	.01408	-.00650
171	CCB	.00012	.00021	.00061	-.00176	.01422	-.00078
172	CCB	-.00004	-.00024	.00000	-.00113	.00666	-.00832
173	CCB	.00000	.00000	.00011	-.00055	.00908	-.00411
174	CCB	.00012	.00018	.00040	.00012	.02164	.01296
175	CCB	.00006	.00028	.00007	-.00126	.01299	.01187
176	CCB	.00017	.00011	.00003	-.00175	.02086	.00573
177	CCB	-.00003	.00041	.00003	-.00222	.00752	.00706
178	CCB	-.00006	.00024	.00017	-.00258	.00433	.00900
179	CCB	.00006	.00014	.00014	-.00255	.00908	.01009
180	CCB	.00004	.00009	.00020	-.00264	.00838	.00302

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
181	CCB	.00011	.00023	.00004	-.00057	.01684	.01705
182	CCB	-.00011	-.00039	-.00017	-.00054	.00142	-.00449
183	CCB	.00000	.00015	.00030	-.00082	.01206	.01223
184	CCB	-.00005	.00012	.00005	-.00040	.00558	.00612
185	CCB	.00003	.00009	-.00009	-.00054	.00408	.00682
186	CCB	-.00015	.00015	.00007	-.00119	.00891	.00688
187	CCB	-.00005	.00014	.00016	-.00130	.01434	.00989
188	CCV	.48063	.47399	.48634	.50911	23.852	24.615
189	CCV	.47470	.46931	.48666	.51361	23.590	24.329
190	CCV	.46559	.45535	.47972	.51356	22.791	24.106
191	CCV	.46979	.46917	.48734	.50510	23.830	23.671
192	CCV	.48365	.49461	.50788	.49871	25.170	22.712
193	CCV	.45723	.46899	.48298	.49971	23.779	23.000
194	CCV	.46656	.48977	.49897	.50428	25.078	23.017
195	CCV	.46153	.48747	.49676	.50312	25.093	22.945
196	CCV	.48090	.48315	.48902	.51022	24.479	25.158
197	CCV	.47566	.48088	.48642	.51206	24.222	25.110
198	CCV	.47686	.48257	.48772	.51474	24.254	25.012
199	CCV	.47823	.48330	.48684	.51763	24.265	25.039
200	CCV	.48232	.48517	.49134	.52116	24.325	25.119
201	CCV	.47826	.48100	.48704	.52109	24.136	24.989
202	CCV	.47798	.48116	.48911	.52079	24.155	24.950
203	CCV	.48544	.48662	.49238	.51597	24.622	25.249
204	CCV	.49492	.49756	.50547	.51989	25.241	25.031
205	CCV	.48352	.48669	.49203	.51905	24.576	25.159
206	CCV	.48287	.48602	.49415	.51696	24.584	24.977
207	CCV	.48716	.48948	.49659	.51801	24.720	24.859
208	CCV	.48841	.49078	.49633	.52134	24.716	24.841
209	CCV	.48023	.48309	.49034	.52443	24.369	25.327
210	CRI	.00096	.00357	.00379	.00958	.03947	.42872
211	CRI	.00090	.00390	.00380	.00875	.06018	.41001
212	CRI	.00108	.00401	.00378	.00999	.05382	.45551
213	CRI	.00125	.00405	.00428	.00938	.06071	.46938
214	ICB	.00003	.00019	-.00007	.00018	-.00092	-.00228
215	ICB	.00008	.00042	.00006	.00070	.00353	-.00080
216	ICB	.00035	.00005	.00015	.00064	.02655	.01555
217	ICSA	-.00185	.00085	-.01477	.00087	185.80	-.01173
218	ICSA	-.00615	.00076	-.01507	-.00115	183.93	-.01139
219	ICSA	-.00816	.00093	-.01458	-.00037	184.14	-.00636
220	ICSA	-.00161	.00121	-.01493	.00003	187.57	.00412
221	ICSAB	.91457	.44867	.45848	.51559	92.846	-.00747
222	ICSAB	.90936	.44217	.45633	.51682	91.302	-.00977
223	ICSAB	.86872	.43860	.45459	.51305	90.711	-.00756
224	ICSAB	.90040	.44726	.45304	.51544	91.652	-.01048
225	ICSAB	.91619	.45492	.46172	.52087	93.439	-.00043
226	ICV	.37027	.37155	.37325	.38693	18.750	18.993
227	ICV	.36615	.36811	.37094	.38524	18.565	18.919
228	ICV	.37259	.37368	.37906	.39118	18.936	19.021
229	IDOC1TS	.19725	.19514	.19845	.20031	9.8068	9.8835
230	IDOC2TS	.19867	.19707	.20071	.20271	9.9056	9.9138
231	IDOC3TS	.19736	.19504	.19930	.20140	9.8168	9.8340
232	IDOC4TS	.19597	.19310	.19877	.20086	9.7247	9.7776
233	STD 1	8.35797	.53908	1.37429	1.21819	1.15794	
234	STD 1	8.04762	.54677	1.40238	1.20466	1.20618	

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
235	STD 1	8.20614	.57758	1.46177	1.19824	1.29716	
236	STD 2	41.7584	2.71961	6.80327	6.04059	5.82055	
237	STD 2	40.0359	2.74104	6.968	5.97515	5.98623	
238	STD 2	38.9616	2.75469	6.90042	5.44591	6.11935	
239	STD 3	83.1104	5.42198	13.5642	12.0827	11.5825	91.7378
240	STD 3	79.6126	5.44941	13.8212	11.9994	11.8294	83.8272
241	STD 3	81.6911	5.77658	14.4513	11.5101	12.7696	80.6129
242	STD 3 VER	.99479	.99739	.99613	1.0053	50.102	50.671
243	STD 3 VER	.98761	.98839	.98911	1.0037	49.199	50.331
244	STD 3 VER	1.0038	1.0023	1.0057	1.0207	50.111	50.249
245	STD BLK	-.06726	-.00757	-.00053	.02447	-.00058	.00223
246	STD BLK	-.06727	-.00783	.00377	.01512	.00019	-.01001
247	STD BLK	-.05149	-.00845	.00202	.06766	-.00018	-.01985

#	Sample Name	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
1	AD570412	92.154	2.1916	.00226	1.6363	.08902	.12322
2	AD570412/L (1:5)	20.503	.49552	-.00041	.16937	.02047	.02784
3	AD570412/PS	104.65	2.4151	.35111	22.635	.41935	.45482
4	AD570413	46.998	2.2890	.00554	5.7335	.14119	.42013
5	AD570427/(1:10)	4.0315	.23449	.00703	.54611	.08397	19.992
6	AD570427/L (1:50)	.81170	.04680	.00162	.10886	.01706	4.0620
7	AD570427/PS (1:10)	22.283	.57863	.37875	20.199	.44622	19.393
8	AD570428/CLPSL	20.103	2.6443	.53052	3.9075	.45917	.73939
9	AD570429/PB	.01680	H.00673	.00232	.04458	.00138	.00721
10	AD570430	43.829	4.2998	.00677	.22563	.19845	.87677
11	AD570430/L (1:5)	9.5166	.94117	.00183	.02109	.04322	.19197
12	AD570430/PS	59.484	4.3874	.36453	19.592	.53495	1.1736
13	AD570431/MS	55.154	4.6391	.33330	18.601	.51086	1.0683
14	AD570432/SD	59.821	5.4742	.33017	18.659	.52961	1.1701
15	AD570433	40.843	5.1985	.00829	.25143	.19109	.81908
16	AD570434	43.864	3.6419	.00364	.10261	.15841	.26889
17	AD570435	38.155	5.9033	.00903	.29097	.18912	.97184
18	AD570436	47.135	3.7610	.00529	.24516	.17474	.35845
19	AD570437	34.361	2.7919	.00287	.11558	.12614	.30221
20	AD570438	43.199	3.5854	.00622	.18871	.15008	.61879
21	AD570439	38.206	3.3760	.00668	.15225	.14249	.27675
22	AD570440	52.504	3.5697	.00243	.14741	.18656	.11193
23	AD570441	86.408	6.8818	.01107	.24800	.37367	.43893
24	AD570442	48.274	5.9016	.00298	.12532	.19236	.23248
25	AD570443	53.656	4.2044	.01409	.14275	.27495	.24006
26	AD570444	42.071	6.2446	.00955	.22186	.17361	.83505
27	AD570445	53.174	4.9173	.00660	.09981	.21597	.35963
28	AD570446	45.303	4.7067	.01242	.29638	.19837	1.3649
29	AD570447	26.127	2.0828	.00260	.17394	.09792	.24979
30	AD570448/CLPSL	18.350	2.5252	.49201	3.5331	.41392	.62318
31	AD570449/PB	.00842	.00013	.00009	.00463	-.00136	.00401
32	AD570463	28.920	.04156	.00191	43.835	.00286	.00007
33	AD570464	17.700	.01588	-.00020	131.94	.00074	-.00059
34	AD570465	40.852	.00488	.00398	47.151	.00125	.00079
35	AD570466	29.855	.04268	.00101	45.463	.00053	.00052
36	AD570467	30.767	.00647	.00335	62.946	.00209	.00039
37	AD570468	16.876	.08943	.01754	266.59	.00839	-.00019

#	Sample Name	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
38	AD570469	20.063	.00776	.00396	32.212	.00326	.00102
39	AD570470	30.752	.00875	.00723	58.725	.00191	.00020
40	AD570471	34.062	.04346	.00112	24.574	.00255	-.00014
41	AD570472	35.322	.03749	-.00008	113.73	.00299	.00206
42	AD570472/L (1:5)	7.1422	.00773	-.00027	23.985	.00096	-.00111
43	AD570472/PS	41.940	.21157	.18285	116.15	.18634	.18500
44	AD570473/MD	35.374	.03860	.00038	113.19	.00349	.00180
45	AD570474/MS	35.613	.48457	-.00051	113.95	.47072	.02133
46	AD570475/SD	34.163	.47420	-.00128	109.85	.45028	.01902
47	AD570476	5.1740	.02122	.00234	284.19	.00121	.00054
48	AD570477	38.432	.26328	.00078	87.339	.00332	-.00021
49	AD570478	37.847	.05080	.00011	100.34	.00221	-.00069
50	AD570479/FB	9.3761	.18017	.18296	9.6547	.18978	.19136
51	AD570480/PB	.01540	.00003	.00134	.00637	.00018	.00137
52	AD570525	8.1625	.01491	.01857	78.222	.00097	.00027
53	AD570526	6.1618	.03482	.00294	9.3524	.00047	.00092
54	AD570527/(1:5)	24.048	.64623	L-.01061	14.644	.07447	-.23143
55	AD570528/MS	77.667	2.5153	.10578	66.263	.39565	.28803
56	AD570529/SD	61.130	1.9836	.08769	52.003	.31313	.22049
57	AD570530	12.331	.00354	-.00001	10.230	.00192	-.00123
58	AD570530/L (1:5)	2.4720	.00057	.00006	1.7023	.00087	-.00007
59	AD570530/PS	22.122	.20119	.20578	21.034	.20187	.20297
60	AD570531	3.0976	.02736	.00371	10.441	.00094	.00205
61	AD570532	3.9458	.13137	.00057	4.3771	.00082	.00049
62	AD570533	13.886	.01397	.00020	9.6263	.00167	-.00061
63	AD570534	7.8219	.01309	.01848	76.844	.00166	.00220
64	AD570535	8.3342	.17109	.00512	25.991	.00152	.00155
65	AD570536	15.325	.08616	.00213	13.177	.00161	.00077
66	AD570537	10.798	.00444	.00022	6.1303	.00180	-.00065
67	AD570538	10.466	H15.991	-.00011	12.155	.01306	.00167
68	AD570539	3.2545	.33066	.00034	14.397	.00665	.00136
69	AD570540	2.7872	.00826	.00021	.75362	.00255	.00270
70	AD570541	3.2438	8.1454	.00169	15.015	.01369	.00227
71	AD570542	5.6577	1.2939	-.00016	9.1988	.01615	.00101
72	AD570543/FB	9.6350	.19356	.18724	9.9767	.18751	.18742
73	AD570544/PB	.00734	.00024	-.00055	.00511	.00010	.00015
74	AD570549	33.684	.34862	.00170	6.3674	.00261	.03237
75	AD570550	32.319	.33359	.00098	6.0574	.00212	.01891
76	AD570564/(1:5)	.03435	.00388	.01381	81.633	.00499	.00106
77	AD570565/(1:5)	.07026	.00238	.02149	73.310	.00358	.00255
78	AD570566/(1:5)	.13559	.00305	.02570	97.707	.00580	.00383
79	AD570568/(1:5)	.05447	.00144	.03926	144.64	.00451	.00138
80	AD570571/(1:5)	.03080	.00089	.03451	184.27	.00978	.01511
81	AD570572/(1:5)	.00560	.00036	.01437	36.638	.00214	.00066
82	AD570573/(1:5)	.01789	.01816	.02683	74.909	.00301	.00231
83	AD570576/(1:5)	23.381	.02165	.00058	97.305	.00062	.00165
84	AD570578	49.084	.30758	.00056	15.082	.00215	.00370
85	AD570578/L (1:5)	9.6243	.06240	.00012	2.5167	.00072	.00048
86	AD570578/PS	57.927	.49530	.20343	25.444	.20036	.20453
87	AD570579/MS	60.710	.50918	.19462	26.118	.19521	.20059
88	AD570580/SD	59.580	.50088	.19075	25.851	.19249	.19650
89	AD570581	.01871	H36.810	1.9505	.46408	17.071	17.161
90	AD570581/(1:5)	.00984	8.5113	.39702	.09638	3.4762	3.5038
91	AD570610	39.623	.06057	.01648	38.454	.00165	.00090

Analysis Report Averages 12/19/05 12:44:26 PM page 17

#	Sample Name	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
92	AD570610/L (1:5)	7.7878	.01192	.00267	7.2351	-.00022	.00002
93	AD570610/PS	48.971	.24861	.21213	47.606	.19689	.19624
94	AD570611	74.312	.05964	.01622	27.509	.00320	.00148
95	AD570866	.15960	.66525	.00609	H1242.9	.39069	.03157
96	AD570866/L (1:5)	.03329	.13358	.00126	265.73	.07881	.00713
97	AD570866/PS	.15538	1.5821	1.0573	H1199.9	1.4595	.98353
98	AD570867/MS	.15008	1.5426	1.0246	H1195.3	1.3128	.97163
99	AD570868/SD	.15034	1.5849	1.0449	H1205.3	1.3432	.98657
100	AD570869	.98437	.22021	.00607	H1400.0	.00627	50.360
101	AD570870/EBLK	.09454	.00205	.00288	H1041.5	.00099	.00845
102	AD570871/LCS	.09553	.95938	1.0504	1095.5	.98307	1.0091
103	AD570872/PB	.01924	.00054	.00074	H6.4672	.00055	.00631
104	AD570873	162.37	.45241	.00980	H2220.4	.68695	.03062
105	AD570873/L (1:5)	35.581	.09579	.00156	H540.99	.14715	.00700
106	AD570873/PS	160.73	1.3539	1.0291	H2237.9	1.7126	.94963
107	AD570874/MS	165.63	1.3545	1.0116	H2273.0	1.3828	.95415
108	AD570875/SD	162.31	1.3325	1.0024	H2220.6	1.3661	.94292
109	AD570876	11.395	.12660	.01925	H1479.7	1.5967	.08097
110	AD570877/EBLK	.11485	.00180	.00407	H1417.7	.00202	.00984
111	AD570878/LCS	.10732	.88136	.98151	1395.2	.90625	.92505
112	AD570879/PB	.00177	.00004	.00085	.01137	.00079	.00127
113	AD570880	.45603	.01507	.07397	H3458.0	.02349	.02766
114	AD570880/L (1:5)	.17480	.00362	.01513	H933.92	.00511	.00847
115	AD570880/PS	.32899	.98974	1.1720	H3455.6	1.1302	1.0173
116	AD570881/MS	.35889	1.0021	1.1698	H4283.8	1.0254	1.0274
117	AD570882/SD	.33505	.98139	1.1519	H4207.1	.99785	.99996
118	AD570883/LCS	-.00422	.98360	1.0465	.35218	.99618	1.0138
119	AD570884/PB	.00502	.00007	.00076	H1.2689	.00069	.00312
120	AD570905	-.00315	.00000	.00088	.03999	.00091	.00116
121	AD570906	47.371	.60459	-.00006	3.4204	.00440	-.00009
122	AD570907	30.539	.25530	.00224	.95403	.02377	-.00028
123	AD570908	21.609	1.0066	.00010	2.1991	.00320	.00054
124	AD570909	42.151	.00039	.00006	.24239	.00068	-.00032
125	AD570910	.27417	.02485	.00050	2.0103	.01396	.00092
126	AD570911	1.0067	.04658	.00026	3.8957	.01938	.00240
127	AD570912	.78207	.06467	-.00016	1.1914	.02296	.00229
128	AD570913	1.1937	.07693	-.00035	9.4486	.04644	.00176
129	AD570914	.54975	.03778	.00012	11.517	.00527	-.00051
130	AD570914/L (1:5)	.11036	.00773	.00082	1.8516	.00157	.00124
131	AD570914/PS	10.443	.23565	.20471	21.839	.20731	.20363
132	AD570915/MS	10.197	.23461	.19577	22.431	.20153	.19889
133	AD570916/SD	10.262	.23586	.19817	22.508	.20429	.20090
134	AD570917	.38292	.03365	.00067	1.2754	.02303	.00100
135	AD570918	.26370	.02427	.00049	1.8307	.01369	.00099
136	AD570919	1.4771	.07950	.00000	1.1173	.01769	.00296
137	AD570920	.30914	.01513	.00049	1.4258	.01409	.00188
138	AD570921	-.00619	-.00005	-.00001	.00425	.00072	-.00059
139	AD570922	47.567	.16115	.00045	55.030	.00329	.00126
140	AD570923	47.183	.18133	.00039	56.576	.00424	-.00245
141	AD570924	46.941	.15997	.00085	54.023	.00300	-.00054
142	AD570925	4.7307	.02170	.00090	8.0674	.00191	-.00079
143	AD570926	13.199	2.0635	.00015	89.067	.00721	.00079
144	AD570927/FB	9.5484	.19430	.19533	9.8041	.19650	.19986
145	AD570928/PB	-.00190	-.00008	.00022	.02576	.00022	.00016

#	Sample Name	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
146	AD570957	1.1216	.00091	.00401	50.494	.00061	.00112
147	AD570958	16.701	.07741	.00149	15.220	.00444	.00285
148	AD570959	5.0629	.00808	.00337	9.6301	.00134	-.00142
149	AD570959/L (1:5)	1.0039	.00161	.00025	1.4108	.00034	-.00056
150	AD570959/PS	14.554	.20200	.20287	19.670	.19776	.19722
151	AD570960	1.5734	.00109	.02758	21.034	.00106	.00024
152	AD570961	12.274	.00191	.00123	11.361	.00097	.00081
153	AD570962	17.189	.10773	.00074	16.704	.00148	.00007
154	AD570963	235.61	1.1792	.04333	H1858.2	.29083	.00595
155	AD570964	129.75	.28635	.00182	99.494	.00513	.00283
156	AD570965/FB	9.6428	.19496	.19466	H14.311	.19627	.20180
157	AD570966/PB	-.00085	.00115	.00545	H7.9089	.00116	.00141
158	AD571080/MS	14.897	.20422	.20172	20.303	.20003	.20063
159	AD571081/SD	14.749	.20200	.19990	19.958	.19846	.19940
160	AD571082	29.185	.06645	.00147	13.681	.00259	.00052
161	AD571083	20.300	.06717	.00346	21.127	.00541	.00047
162	AD571084	15.328	.03559	.00217	4.5010	.00261	.00028
163	AD571085	28.837	.06527	.00187	13.585	.00222	-.00053
164	AD571086	23.446	.00569	.00160	24.448	.00151	-.00047
165	AD571087	13.690	.13075	.01316	8.0823	.00367	-.00075
166	CCB	.00378	-.00003	.00077	.00280	-.00070	-.00016
167	CCB	.02022	.00003	.00091	.00909	-.00002	.00121
168	CCB	.02396	.00011	.00086	.01338	.00003	.00163
169	CCB	.01427	.00004	.00117	.00551	.00014	.00042
170	CCB	.01734	.00012	.00042	.00001	.00009	.00021
171	CCB	.02414	.00022	.00077	.00626	.00016	.00256
172	CCB	.00338	.00007	.00035	.00549	-.00026	.00030
173	CCB	.00644	.00012	.00107	.00662	.00048	.00161
174	CCB	.02320	.00035	.00144	.02322	.00102	.00240
175	CCB	.01835	.00025	.00168	.01227	.00066	.00197
176	CCB	.02213	.00044	.00209	.01159	.00027	.00260
177	CCB	.00397	.00018	.00207	.02300	.00022	.00277
178	CCB	.00855	.00020	.00109	.04552	.00087	.00173
179	CCB	.01174	.00018	.00230	.01371	.00069	.00216
180	CCB	.00988	.00018	.00195	.02482	.00033	.00185
181	CCB	.01300	.00020	.00142	.00157	.00034	.00110
182	CCB	-.00684	-.00007	.00131	.00042	.00008	.00033
183	CCB	.00385	.00007	.00196	.04341	-.00020	.00062
184	CCB	-.00273	.00004	.00203	.01344	.00027	.00096
185	CCB	-.00123	.00001	.00235	.01643	.00036	.00159
186	CCB	-.00316	-.00005	.00170	.01414	.00059	-.00099
187	CCB	-.00034	.00011	.00188	.00975	.00025	.00109
188	CCV	24.573	.48900	.48292	24.972	.49288	.48562
189	CCV	24.726	.48507	.47901	25.220	.48832	.48178
190	CCV	24.544	.47234	.47007	25.007	.48294	.47685
191	CCV	24.534	.48610	.47158	25.015	.48063	.47294
192	CCV	25.163	.50781	.48487	24.570	.49079	.48395
193	CCV	24.115	.48256	.46686	24.752	.46882	.46558
194	CCV	24.742	.50220	.47888	25.006	.47545	.47062
195	CCV	24.682	.50173	.47421	25.180	.47034	.46456
196	CCV	24.475	.49800	.48751	25.516	.49097	.48618
197	CCV	24.557	.49433	.48654	25.458	.48949	.48827
198	CCV	24.716	.49458	.48859	25.505	.49049	.48943
199	CCV	24.775	.49554	.48955	25.444	.49203	.49113

#	Sample Name	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
200	CCV	24.854	.49720	.49278	25.578	.49624	.49793
201	CCV	24.781	.49305	.48902	25.376	.49225	.49194
202	CCV	24.728	.49306	.48800	25.482	.49418	.49295
203	CCV	24.143	.50098	.49433	25.068	.49567	.49011
204	CCV	25.038	.51158	.49890	25.932	.50496	.50490
205	CCV	24.310	.49937	.49425	25.106	.49606	.49028
206	CCV	24.341	.49985	.49258	25.023	.49402	.49033
207	CCV	24.502	.50218	.49490	24.971	.49839	.48996
208	CCV	24.602	.50287	.49575	24.956	.50139	.49548
209	CCV	24.328	.49572	.49248	25.198	.49404	.48618
210	CRI	.19163	.00280	.00949	.63002	.00972	.00498
211	CRI	.19620	.00289	.00864	.72237	.00950	.00522
212	CRI	.19705	.00294	.01026	.74050	.01065	.00552
213	CRI	.20324	.00314	.01115	.76648	.01044	.00596
214	ICB	.00026	-.00003	.00065	.00228	-.00059	.00079
215	ICB	.00693	.00013	.00166	.00337	.00065	-.00032
216	ICB	.02126	.00037	.00262	.09916	.00053	.00206
217	ICSA	485.58	-.00072	-.00025	.00692	-.00029	-.02164
218	ICSA	483.50	-.00030	.00013	.00163	-.00026	-.02907
219	ICSA	484.14	-.00023	-.00128	.01097	-.00038	-.02321
220	ICSA	485.50	-.00015	-.00051	.00047	.00081	-.02843
221	ICSAB	483.03	.47036	-.00019	.01193	.94644	.02245
222	ICSAB	483.38	.46456	-.00134	.00301	.94156	.02279
223	ICSAB	481.74	.45947	.00002	.01394	.90300	.01333
224	ICSAB	482.46	.46621	.00087	.00499	.93371	.02051
225	ICSAB	480.23	.47438	.00026	.00741	.94678	.01721
226	ICV	18.757	.38087	.37611	19.123	.37714	.37169
227	ICV	18.614	.37821	.37347	19.224	.37419	.37140
228	ICV	18.594	.38506	.38181	19.281	.38109	.37600
229	IDOC1TS	9.7957	.19329	.19766	10.046	.19831	.19742
230	IDOC2TS	9.8824	.19529	.20000	10.094	.20032	.20018
231	IDOC3TS	9.8349	.19391	.19802	10.123	.19972	.19658
232	IDOC4TS	9.8105	.19205	.19803	10.094	.19793	.19662
233	STD 1		1.06943	1.45708		3.8246	1.40495
234	STD 1		1.08704	1.42461		3.68693	1.32182
235	STD 1		1.14979	1.43045		3.66577	1.30968
236	STD 2		5.3321	7.23135		20.0851	6.73235
237	STD 2		5.39439	6.99945		19.1494	6.49879
238	STD 2		5.41704	6.77375		18.2102	6.26266
239	STD 3	78.8987	10.606	14.4473	3.85177	40.0536	13.3003
240	STD 3	79.5726	10.6644	14.0144	3.82282	38.3833	12.8932
241	STD 3	80.8	11.3046	14.264	3.74216	38.4524	12.9504
242	STD 3 VER	49.897	.99832	1.0024	51.133	.99614	.98210
243	STD 3 VER	49.818	.98630	.99760	50.888	.99000	.98849
244	STD 3 VER	49.633	1.0032	1.0152	50.542	1.0078	.99837
245	STD BLK	.01153	.00278	.01974	.00946	-.22497	.02742
246	STD BLK	.01227	.00229	.01327	.00667	-.24072	.0175
247	STD BLK	.02335	.00312	.01195	.02096	-.21588	.0138

#	Sample Name	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
1	AD570412	.13622	.13189	-.00600	.00546	-.00845	-.00477
2	AD570412/L (1:5)	.02987	.02920	-.00146	.00400	-.00562	.00061
3	AD570412/PS	.48061	.47202	.34863	.34443	.34512	.35040
4	AD570413	.44006	.43342	-.00201	.00397	-.00748	.00071
5	AD570427/(1:10)	20.435	20.288	.01060	5.7063	.00963	.01109
6	AD570427/L (1:50)	4.1408	4.1146	-.00008	1.2029	.00045	-.00034
7	AD570427/PS (1:10)	19.914	19.740	.38143	5.8657	.38001	.38216
8	AD570428/CLPSL	.76233	.75469	.76450	.38724	.74971	.77191
9	AD570429/PB	.00505	H.00577	.00206	.00528	-.00187	.00403
10	AD570430	.92051	.90594	.00577	.00160	-.00291	.01012
11	AD570430/L (1:5)	.19894	.19662	.00217	-.00146	.00213	.00220
12	AD570430/PS	1.2255	1.2082	.33643	.34833	.32227	.34351
13	AD570431/MS	1.1358	1.1133	.33275	.10091	.31868	.33979
14	AD570432/SD	1.2414	1.2176	.32970	.08067	.31659	.33626
15	AD570433	.86756	.85142	.00350	.00408	-.00460	.00755
16	AD570434	.28764	.28140	.00380	.00277	-.00495	.00818
17	AD570435	1.0172	1.0021	.00534	.00562	.00578	.00511
18	AD570436	.37981	.37270	.00330	-.00116	-.00395	.00692
19	AD570437	.31764	.31250	.00754	-.00188	.00168	.01048
20	AD570438	.65006	.63965	.00249	.00270	-.00433	.00591
21	AD570439	.29275	.28742	.00604	.00090	.00010	.00901
22	AD570440	.12849	.12298	.00508	.00076	-.01217	.01371
23	AD570441	.47190	.46093	.00956	.00089	-.00459	.01664
24	AD570442	.25079	.24469	.00736	.00124	-.00291	.01250
25	AD570443	.26456	.25640	.01077	.00276	.00286	.01473
26	AD570444	.87828	.86389	.00928	.00184	.00500	.01143
27	AD570445	.38686	.37779	.00362	.00044	-.00929	.01009
28	AD570446	1.4340	1.4110	.00971	.00036	.00132	.01390
29	AD570447	.26141	.25754	.00377	-.00006	-.00425	.00778
30	AD570448/CLPSL	.67256	.65611	.71660	.60242	.68379	.73302
31	AD570449/PB	.00090	.00194	.00163	.00327	-.00100	.00295
32	AD570463	.00041	.00029	-.00015	.00291	-.00038	-.00003
33	AD570464	-.00056	-.00057	.00126	.00286	.00044	.00167
34	AD570465	.00017	.00038	.00116	-.00027	.00268	.00040
35	AD570466	.00132	.00105	.00111	.00124	.00319	.00008
36	AD570467	.00152	.00114	-.00102	.00167	.00120	-.00213
37	AD570468	-.00157	-.00111	.00117	.00172	.00436	-.00041
38	AD570469	-.00083	-.00021	.00033	.00068	.00466	-.00183
39	AD570470	.00078	.00059	.00138	.00089	.00498	-.00042
40	AD570471	.00136	.00086	.00087	.00074	.00164	.00048
41	AD570472	-.00021	.00054	.00117	-.00054	.00525	-.00086
42	AD570472/L (1:5)	.00016	-.00026	-.00090	-.00001	.00040	-.00155
43	AD570472/PS	.19662	.19275	.19050	.19251	.18922	.19115
44	AD570473/MD	.00117	.00138	.00129	.00200	.00412	-.00011
45	AD570474/MS	.02240	.02205	.04762	.09914	.04655	.04815
46	AD570475/SD	.02169	.02080	.04301	.09387	.04344	.04280
47	AD570476	.00132	.00106	-.00124	.00064	.00043	-.00209
48	AD570477	.00084	.00048	-.00047	-.00033	.00161	-.00151
49	AD570478	.00187	.00102	.00058	.00043	.00196	-.00010
50	AD570479/FB	.19922	.19660	.19773	.19266	.18950	.20185
51	AD570480/PB	-.00023	.00030	.00129	.00334	.00673	-.00142
52	AD570525	-.00037	-.00015	.00032	.00031	.00254	-.00078
53	AD570526	.00186	.00155	.00110	-.00141	.00061	.00135

#	Sample Name	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
54	AD570527/(1:5)	.20367	.05878	.00519	L-.03459	-.16893	.09225
55	AD570528/MS	.33715	.32079	.15329	.00779	.15223	.15381
56	AD570529/SD	.26581	.25072	.12513	.00669	.12187	.12676
57	AD570530	.00100	.00025	-.00159	.00247	-.00106	-.00186
58	AD570530/L (1:5)	.00139	.00090	-.00310	.00017	-.00471	-.00229
59	AD570530/PS	.20526	.20450	.20297	.20032	.20319	.20286
60	AD570531	.00115	.00145	-.00245	.00337	.00054	-.00395
61	AD570532	.00126	.00101	-.00230	.00169	-.00213	-.00238
62	AD570533	-.00016	-.00031	.00015	.00240	.00231	-.00092
63	AD570534	.00006	.00077	-.00268	.00052	-.00174	-.00315
64	AD570535	.00026	.00069	-.00256	-.00101	-.00057	-.00356
65	AD570536	.00148	.00125	-.00165	.00075	-.00248	-.00123
66	AD570537	-.00020	-.00035	-.00090	-.00096	.00120	-.00196
67	AD570538	.00205	.00193	-.00199	.00267	-.00381	-.00108
68	AD570539	.00176	.00162	-.00332	.00060	-.00288	-.00355
69	AD570540	.00166	.00200	-.00284	.00144	.00008	-.00431
70	AD570541	.00021	.00090	-.00177	.00126	.00094	-.00313
71	AD570542	-.00056	-.00004	-.00159	-.00048	-.00203	-.00137
72	AD570543/FB	.19940	.19541	.19062	.18714	.19025	.19081
73	AD570544/PB	-.00091	-.00055	-.00154	-.00068	-.00128	-.00167
74	AD570549	.03231	.03233	-.00179	.04075	-.00060	-.00239
75	AD570550	.01582	.01685	-.00118	.01385	-.00255	-.00050
76	AD570564/(1:5)	.00043	.00064	-.00067	.00150	-.00109	-.00046
77	AD570565/(1:5)	.00130	.00172	-.00003	.00068	-.00129	.00060
78	AD570566/(1:5)	-.00014	.00118	-.00414	.00150	-.00539	-.00351
79	AD570568/(1:5)	-.00018	.00034	-.00041	.00175	-.00048	-.00037
80	AD570571/(1:5)	.01402	.01438	-.00201	.00075	.00066	-.00335
81	AD570572/(1:5)	.00063	.00064	-.00453	.00309	-.00889	-.00235
82	AD570573/(1:5)	.00111	.00151	-.00200	-.00016	-.00307	-.00147
83	AD570576/(1:5)	-.00006	.00050	-.00407	.00166	-.00684	-.00269
84	AD570578	.00223	.00272	-.00444	.00521	-.00532	-.00400
85	AD570578/L (1:5)	.00102	.00084	-.00056	.00510	-.00045	-.00062
86	AD570578/PS	.20927	.20769	.20643	.20751	.20869	.20530
87	AD570579/MS	.20740	.20513	.20753	.20557	.20832	.20714
88	AD570580/SD	.20632	.20305	.20304	.20280	.20598	.20158
89	AD570581	17.613	17.463	28.380	4.5629	28.181	28.480
90	AD570581/(1:5)	3.5858	3.5584	5.8752	.91984	5.8390	5.8934
91	AD570610	.00138	.00122	.00024	.00203	.00257	-.00091
92	AD570610/L (1:5)	.00072	.00048	.00251	.00219	.00666	.00044
93	AD570610/PS	.21089	.20601	.20608	.20373	.20128	.20849
94	AD570611	.00113	.00125	.00087	.00195	.00279	-.00007
95	AD570866	.03398	.03318	.00002	.00461	.00635	-.00313
96	AD570866/L (1:5)	.00666	.00682	.00088	.00284	.00073	.00095
97	AD570866/PS	1.0421	1.0226	1.0665	1.0050	1.0503	1.0746
98	AD570867/MS	1.0296	1.0103	1.0335	1.0417	1.0215	1.0395
99	AD570868/SD	1.0425	1.0239	1.0448	1.0432	1.0302	1.0522
100	AD570869	53.933	H52.744	.00298	.04270	.00676	.00109
101	AD570870/EBLK	.00185	.00405	.00355	.00773	.00618	.00224
102	AD570871/LCS	1.0583	1.0420	1.0474	1.0282	1.0423	1.0499
103	AD570872/PB	-.00280	.00023	-.00094	.00282	.00099	-.00191
104	AD570873	.02947	.02985	.00063	.01215	.00502	-.00156
105	AD570873/L (1:5)	.00930	.00853	.00036	.00531	.00429	-.00159
106	AD570873/PS	1.0245	.99954	1.0949	.99128	1.0794	1.1027
107	AD570874/MS	1.0188	.99724	1.0576	.97637	1.0519	1.0605

#	Sample Name	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
108	AD570875/SD	1.0135	.98997	1.0543	.96171	1.0463	1.0583
109	AD570876	.08629	.08452	.00264	.02036	.00900	-.00052
110	AD570877/EBLK	.00745	H.00824	.00224	.00855	.00496	.00088
111	AD570878/LCS	.98604	.96573	1.0033	.97166	.98928	1.0104
112	AD570879/PB	-.00006	.00038	-.00009	.00323	.00068	-.00049
113	AD570880	.02968	.02901	.00701	.02427	.02263	-.00079
114	AD570880/L (1:5)	.00497	.00614	-.00046	.00452	.00430	-.00285
115	AD570880/PS	1.0870	1.0638	1.1595	1.0601	1.1652	1.1566
116	AD570881/MS	1.1157	1.0863	1.1981	.74416	1.2011	1.1967
117	AD570882/SD	1.0764	1.0510	1.1623	.68926	1.1622	1.1624
118	AD570883/LCS	1.0364	1.0289	1.0131	1.0031	1.0079	1.0157
119	AD570884/PB	.00124	.00187	-.00256	.00362	-.00243	-.00262
120	AD570905	-.00200	-.00094	.00100	-.00079	.00331	-.00015
121	AD570906	-.00109	-.00076	-.00096	.00043	-.00175	-.00056
122	AD570907	-.00318	-.00222	-.00250	-.00079	-.00478	-.00136
123	AD570908	-.00122	-.00063	.00198	-.00040	.00087	.00253
124	AD570909	-.00251	-.00178	-.00018	-.00338	-.00114	.00029
125	AD570910	-.00295	-.00166	-.00013	.00094	-.00069	.00013
126	AD570911	.00078	.00132	.00218	-.00268	.00123	.00266
127	AD570912	-.00047	.00044	-.00142	-.00110	-.00233	-.00096
128	AD570913	-.00120	-.00021	.00004	-.00276	-.00723	.00368
129	AD570914	-.00196	-.00148	.00185	-.00049	.00126	.00215
130	AD570914/L (1:5)	-.00322	-.00173	.00244	-.00245	-.00085	.00409
131	AD570914/PS	.20730	.20608	.20453	.20223	.20510	.20425
132	AD570915/MS	.20139	.20056	.19670	.19722	.19591	.19710
133	AD570916/SD	.20422	.20312	.19887	.20122	.19520	.20071
134	AD570917	-.00006	.00029	.00054	.00031	.00053	.00055
135	AD570918	-.00271	-.00148	.00195	-.00103	.00034	.00276
136	AD570919	-.00168	-.00013	.00095	-.00297	.00278	.00004
137	AD570920	-.00185	-.00060	.00124	-.00161	.00391	-.00009
138	AD570921	-.00126	-.00104	-.00092	-.00007	-.00319	.00020
139	AD570922	-.00215	-.00101	.00170	-.00291	-.00052	.00281
140	AD570923	-.00060	-.00121	-.00351	.00052	-.00663	-.00196
141	AD570924	-.00155	-.00122	-.00161	-.00430	-.00250	-.00116
142	AD570925	-.00112	-.00101	.00086	-.00051	-.00172	.00216
143	AD570926	-.00032	.00004	-.00280	.00049	-.00356	-.00242
144	AD570927/FB	.20205	.20132	.19780	.19893	.19877	.19731
145	AD570928/PB	-.00208	-.00133	.00072	-.00182	-.00161	.00190
146	AD570957	-.00199	-.00095	.00105	.00111	-.00111	.00214
147	AD570958	.00168	.00207	.00081	-.00036	.00021	.00111
148	AD570959	-.00129	-.00134	-.00066	.00097	-.00353	.00077
149	AD570959/L (1:5)	-.00106	-.00090	-.00190	-.00198	-.00717	.00072
150	AD570959/PS	.19953	.19876	.19838	.19651	.20116	.19699
151	AD570960	.00002	.00009	.00190	.00013	.00092	.00238
152	AD570961	-.00275	-.00156	.00093	.00029	.00108	.00085
153	AD570962	-.00264	-.00173	.00013	-.00153	-.00180	.00109
154	AD570963	.00263	.00374	-.00145	.00691	.00182	-.00309
155	AD570964	-.00175	-.00022	-.00058	.00000	-.00157	-.00008
156	AD570965/FB	.20290	.20254	.19557	.19404	.19625	.19523
157	AD570966/PB	-.00178	-.00071	.00157	.00233	.00227	.00122
158	AD571080/MS	.20524	.20371	.19766	.20453	.19360	.19969
159	AD571081/SD	.20383	.20235	.19868	.19900	.19445	.20080
160	AD571082	.00009	.00023	.00868	.00085	.00689	.00958
161	AD571083	.00226	.00167	.00486	-.00274	.00141	.00658

#	Sample Name	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
162	AD571084	-.00028	-.00009	.00009	.00044	-.00160	.00094
163	AD571085	-.00051	-.00052	.01082	-.00188	.01068	.01088
164	AD571086	-.00273	-.00198	.00947	-.00041	.01196	.00822
165	AD571087	-.00227	-.00176	.02025	-.00377	.01868	.02103
166	CCB	-.00082	-.00060	.00094	-.00055	.00079	.00102
167	CCB	.00000	.00040	.00005	.00246	.00163	-.00072
168	CCB	.00098	.00120	.00165	.00172	.00310	.00092
169	CCB	-.00027	-.00004	-.00145	.00177	.00042	-.00240
170	CCB	.00150	.00107	.00045	.00110	.00480	-.00172
171	CCB	.00059	.00125	.00062	.00041	.00101	.00042
172	CCB	-.00019	-.00002	.00262	-.00045	.00351	.00218
173	CCB	.00060	.00093	.00051	-.00107	.00179	-.00013
174	CCB	.00097	.00144	-.00178	.00337	-.00438	-.00049
175	CCB	.00028	.00085	-.00223	.00576	-.00273	-.00197
176	CCB	-.00078	.00034	.00022	.00506	.00166	-.00049
177	CCB	.00099	.00158	-.00053	.00749	-.00153	-.00004
178	CCB	.00172	.00172	-.00246	.00644	-.00466	-.00136
179	CCB	.00110	.00146	-.00255	.00665	-.00274	-.00246
180	CCB	.00100	.00128	-.00204	.00620	-.00098	-.00257
181	CCB	-.00229	-.00115	.00177	.00229	.00129	.00200
182	CCB	-.00199	-.00121	-.00068	.00540	.00118	-.00162
183	CCB	.00048	.00053	.00047	.00130	-.00015	.00079
184	CCB	-.00161	-.00075	.00249	.00238	.00104	.00321
185	CCB	-.00231	-.00101	.00174	.00073	.00250	.00137
186	CCB	-.00107	-.00104	.00010	.00109	-.00186	.00108
187	CCB	-.00090	-.00023	.00070	.00434	.00139	.00036
188	CCV	.50010	.49528	.49449	.49065	.48669	.49839
189	CCV	.50555	.49763	.49879	.49989	.48989	.50325
190	CCV	.51127	.49981	.49019	.50592	.47361	.49849
191	CCV	.49273	.48614	.48070	.48539	.47344	.48434
192	CCV	.50272	.49647	.48388	.48424	.47944	.48610
193	CCV	.49255	.48357	.48070	.48475	.46958	.48626
194	CCV	.49394	.48618	.48002	.47984	.47938	.48035
195	CCV	.48951	.48120	.47336	.47316	.46756	.47627
196	CCV	.49381	.49127	.49020	.49217	.49132	.48965
197	CCV	.49360	.49182	.49670	.49268	.49928	.49542
198	CCV	.50126	.49732	.49965	.49644	.49598	.50150
199	CCV	.50510	.50045	.49919	.50833	.49598	.50080
200	CCV	.51305	.50801	.50798	.51203	.50329	.51033
201	CCV	.50923	.50347	.50564	.51190	.50194	.50749
202	CCV	.50832	.50320	.49970	.50821	.49217	.50347
203	CCV	.49937	.49628	.49925	.50085	.50297	.49740
204	CCV	.51280	.51017	.50091	.50237	.49638	.50318
205	CCV	.50483	.49999	.49570	.50048	.48849	.49931
206	CCV	.50330	.49898	.49779	.49538	.49301	.50019
207	CCV	.50813	.50208	.50057	.50273	.49509	.50332
208	CCV	.51202	.50652	.50453	.51107	.50019	.50670
209	CCV	.49992	.49534	.49843	.50120	.49309	.50111
210	CRI	.00537	.00524	.01661	.02074	.01649	.01667
211	CRI	.00529	.00526	.01333	.01759	.01498	.01250
212	CRI	.00490	.00510	.01284	.02042	.00821	.01516
213	CRI	.00221	.00346	.01333	.02053	.01298	.01351
214	ICB	.00151	.00127	-.00024	.00322	-.00104	.00015
215	ICB	.00023	.00005	-.00291	.00342	-.00453	-.00210

#	Sample Name	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
216	ICB	-.00215	-.00075	.00083	.00290	.00036	.00107
217	ICSA	.01439	.00238	-.00559	.00094	-.00567	-.00554
218	ICSA	.02059	.00405	-.00799	.00216	-.00769	-.00814
219	ICSA	.02022	.00576	-.00957	.00455	-.00690	-.01090
220	ICSA	.01633	.00142	-.00656	.00045	-.00450	-.00759
221	ICSAB	.06346	.04980	.04831	.59662	.04799	.04847
222	ICSAB	.06677	.05213	.04339	.59941	.03709	.04654
223	ICSAB	.07204	.05249	.04709	.59910	.04269	.04929
224	ICSAB	.07034	.05374	.04384	.60367	.04196	.04478
225	ICSAB	.06729	.05062	.04459	.60035	.03065	.05156
226	ICV	.37530	.37410	.37469	.37567	.38004	.37202
227	ICV	.37437	.37338	.37752	.37482	.37954	.37652
228	ICV	.38190	.37993	.37954	.38346	.37759	.38052
229	IDOC1TS	.20208	.20053	.19747	.19529	.19422	.19910
230	IDOC2TS	.20440	.20299	.19701	.19706	.19521	.19792
231	IDOC3TS	.20334	.20109	.19669	.19505	.19751	.19629
232	IDOC4TS	.20405	.20157	.19478	.19700	.19239	.19598
233	STD 1	1.20851			.62229	.43967	1.21181
234	STD 1	1.22755			.59787	.42079	1.19021
235	STD 1	1.16534			.55419	.43358	1.10045
236	STD 2	6.12722			3.05521	2.72705	5.49225
237	STD 2	6.03305			2.97566	2.60465	5.26042
238	STD 2	5.68997			2.65405	2.54388	4.8734
239	STD 3	12.2177			6.15212	5.53642	10.831
240	STD 3	12.2373			6.06205	5.36547	10.625
241	STD 3	11.9962			5.72559	5.39587	10.2298
242	STD 3 VER	.99832	.99292	.99737	1.0006	1.0088	.99169
243	STD 3 VER	1.0045	.99914	1.0102	1.0148	1.0156	1.0076
244	STD 3 VER	1.0291	1.0189	1.0221	1.0376	1.0145	1.0259
245	STD BLK	-.00076			.00844	-.11879	.13726
246	STD BLK	-.00297			.00331	-.09353	.15476
247	STD BLK	.0239			.00238	-.09267	.12282

#	Sample Name	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
1	AD570412	.30504	L-.02054	.05433	.27811	.02634	.00123
2	AD570412/L (1:5)	.09422	-.00644	.01254	.06490	.00539	.00029
3	AD570412/PS	.58473	.34870	.41140	.58708	.37321	.09931
4	AD570413	.77398	L-.02954	.11622	.76266	.05046	.06706
5	AD570427/(1:10)	.10793	-.00170	.01041	H21.973	.03203	.00425
6	AD570427/L (1:50)	.11054	-.00316	.00202	4.5966	.00875	.00133
7	AD570427/PS (1:10)	.48751	.39515	.39308	H21.133	.40326	.10024
8	AD570428/CLPSL	2.8759	1.6213	.58956	1.0739	1.5753	.78979
9	AD570429/PB	.00080	.00255	.00349	.01254	H.04681	.00168
10	AD570430	1.2373	L-.01778	.16498	1.8348	.04147	.01032
11	AD570430/L (1:5)	.27495	-.00411	.03533	.40092	.00878	.00218
12	AD570430/PS	1.5379	.34876	.54045	2.0473	.39335	.10378
13	AD570431/MS	1.4013	.33730	.51577	1.9565	.32457	.10029
14	AD570432/SD	1.5084	.33172	.53701	2.1226	.30581	.10139
15	AD570433	1.1718	L-.02097	.17020	1.7362	.03923	.01142
16	AD570434	.63639	L-.02101	.13010	.76345	.03361	.00134
17	AD570435	1.3342	L-.02563	.20263	2.1163	.06000	.00990
18	AD570436	.79204	L-.01966	.14647	.93086	.02781	.00205

#	Sample Name	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
19	AD570437	.59183	L-.01264	.10830	.82566	.04721	.00144
20	AD570438	.74964	L-.01735	.15112	1.3192	.03595	.00227
21	AD570439	.64509	L-.01258	.11139	.75758	.02976	.00185
22	AD570440	.47151	L-.01987	.13598	.61016	.03925	.00060
23	AD570441	.67067	L-.03491	.24677	1.1053	.03684	.00147
24	AD570442	.50443	L-.02499	.14360	.76334	.03666	.00097
25	AD570443	.45214	L-.02981	.23789	.78931	.02577	.00114
26	AD570444	1.1026	L-.01549	.17841	1.8212	.03536	.00732
27	AD570445	.56474	L-.02120	.20926	.94713	.02614	.00143
28	AD570446	1.4769	L-.01944	.22593	2.2142	.04549	.00984
29	AD570447	.73224	L-.01207	.09681	.74455	.03451	.00113
30	AD570448/CLPSL	2.8499	1.4829	.59250	L.86536	1.4299	.72030
31	AD570449/PB	.00066	.00027	-.00016	.00120	H.03298	.00026
32	AD570463	.00012	-.00074	.00059	.02602	-.00018	.00009
33	AD570464	.00203	.00041	.00041	.00375	-.00014	.00004
34	AD570465	.00360	-.00064	.00025	.00323	-.00088	-.00001
35	AD570466	.00002	-.00178	.00034	.00858	-.00032	.00037
36	AD570467	.00621	-.00154	.00067	.00631	-.00044	.00005
37	AD570468	.00039	.00002	-.00024	.00657	-.00061	.00014
38	AD570469	.00465	.00068	.00073	.00618	.00109	.00008
39	AD570470	.00031	.00023	.00091	.01868	-.00129	-.00010
40	AD570471	.00136	.00058	.00008	.00220	.00047	.00005
41	AD570472	.00407	-.00059	.00057	.00273	.00051	.00026
42	AD570472/L (1:5)	.00078	-.00278	.00000	-.00016	-.00023	-.00020
43	AD570472/PS	.20564	.20537	.19782	.17171	.17914	.05052
44	AD570473/MD	.00530	.00087	.00057	.00242	.00307	.00019
45	AD570474/MS	.00181	.05563	.50547	.44394	.00185	.05033
46	AD570475/SD	.00188	.05083	.48340	.44432	-.00029	.04766
47	AD570476	.00021	-.00179	.00015	.00664	-.00150	.00010
48	AD570477	.00114	.00223	.00008	.00392	.00224	-.00003
49	AD570478	.00104	-.00002	.00024	.00435	.00267	.00002
50	AD570479/FB	.20535	.20992	.19629	.17216	.18211	.04995
51	AD570480/PB	.00005	-.00065	-.00041	-.00067	.00094	.00007
52	AD570525	.00040	.00034	-.00001	-.00023	-.00009	.00010
53	AD570526	.00000	-.00130	.00006	.00168	-.00215	.00003
54	AD570527/(1:5)	1.6204	.00344	.07737	.28183	L-.01730	.00146
55	AD570528/MS	.49882	.13351	.34352	.83414	.16476	.04597
56	AD570529/SD	.39259	.10565	.27408	.65270	.13030	.03632
57	AD570530	.00062	-.00181	.00035	.00542	.00152	.00012
58	AD570530/L (1:5)	.00018	-.00042	-.00015	-.00001	.00156	.00012
59	AD570530/PS	.20853	.21193	.20760	.20091	.20454	.05229
60	AD570531	.00019	-.00067	.00021	.00026	.00029	.00019
61	AD570532	.00029	-.00166	-.00015	-.00032	.00350	.00099
62	AD570533	-.00004	-.00146	-.00007	.00072	.00064	-.00004
63	AD570534	.00013	-.00055	-.00006	.00072	.00410	.00009
64	AD570535	.00058	-.00192	.00000	.00041	.00606	.00028
65	AD570536	.00010	.00074	.00007	.00234	.00223	.00000
66	AD570537	.00259	-.00126	-.00008	.00547	.00320	.00029
67	AD570538	.03722	-.00008	.00320	.01037	-.00012	.00061
68	AD570539	.00496	-.00082	.00085	.01422	.00391	.00019
69	AD570540	.00153	.00112	-.00008	.00471	.00285	.00001
70	AD570541	.00008	-.00544	.00042	.00661	.00518	.00044
71	AD570542	.00391	-.00283	.00072	.02192	.00228	.00004
72	AD570543/FB	.20497	.19983	.20595	.20747	.18930	.04956

#	Sample Name	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
73	AD570544/PB	.00107	-.00020	-.00002	.00006	-.00156	.00012
74	AD570549	.01206	L-.01510	.00175	.01742	.00659	.00041
75	AD570550	.01354	L-.01316	.00202	.00735	.00488	.00055
76	AD570564/(1:5)	.00092	-.00088	-.00006	.00475	.00155	-.00027
77	AD570565/(1:5)	.00012	-.00237	-.00006	.00884	.00113	.00001
78	AD570566/(1:5)	.00176	-.00205	.00024	.00105	.00290	.00025
79	AD570568/(1:5)	.00085	-.00181	.00062	.00151	.00209	.00017
80	AD570571/(1:5)	.00009	.00061	.00032	.69087	.00252	.00009
81	AD570572/(1:5)	.00000	-.00111	-.00013	.00294	.00208	.00025
82	AD570573/(1:5)	.00038	-.00311	-.00007	.38978	.00072	.00006
83	AD570576/(1:5)	-.00005	-.00201	-.00023	-.00043	.00324	.00011
84	AD570578	.01077	L-.01063	.00098	.00074	.00212	.00027
85	AD570578/L (1:5)	.00205	-.00379	.00044	-.00042	.00307	.00031
86	AD570578/PS	.22413	.20601	.21086	.19737	.20859	.05301
87	AD570579/MS	.22048	.20261	.20453	.19341	.19852	.05242
88	AD570580/SD	.21699	.19781	.20116	.18976	.19640	.05111
89	AD570581	-.00004	5.1241	23.410	H14.779	.00088	H3.0493
90	AD570581/(1:5)	-.00005	1.0481	4.7818	3.0898	.00363	.55650
91	AD570610	.00563	.00132	.00059	.00340	-.00077	.00036
92	AD570610/L (1:5)	.00103	.00170	.00000	-.00051	-.00238	.00014
93	AD570610/PS	.22523	.22341	.21654	.19329	.19328	.05384
94	AD570611	.00336	-.00061	.00000	.01069	.00013	.00015
95	AD570866	3.7881	-.00596	.43075	.10902	.01808	.00148
96	AD570866/L (1:5)	.76469	-.00032	.08646	.02056	.00509	.00060
97	AD570866/PS	3.7919	1.0908	1.4258	1.0986	.01541	1.0775
98	AD570867/MS	3.5856	1.0401	1.4017	1.0845	.01519	1.0475
99	AD570868/SD	3.6368	1.0429	1.4290	1.1073	.01764	1.0651
100	AD570869	.00446	L-.01095	.00122	H221.42	.01219	.00016
101	AD570870/EBLK	.00081	-.00366	-.00014	.01961	.00773	.00028
102	AD570871/LCS	.00082	1.0635	1.0251	1.0922	.01087	1.0829
103	AD570872/PB	.00124	-.00137	-.00038	.00016	.00371	.00062
104	AD570873	.04340	L-.02450	.00485	H6.3687	.02094	.00041
105	AD570873/L (1:5)	.01032	-.00395	.00083	1.3641	.00797	.00025
106	AD570873/PS	.04748	.96529	.97601	H7.3177	.02031	1.0983
107	AD570874/MS	.04313	.43503	.97314	H7.5402	.02182	1.1861
108	AD570875/SD	.03948	.45703	.96544	H7.4685	.01766	1.1633
109	AD570876	.00882	.02311	.22696	2.0470	.02835	.00055
110	AD570877/EBLK	.00102	-.00255	.00041	.01565	.00724	.00023
111	AD570878/LCS	.00067	.99325	.95214	.97671	.00974	1.1313
112	AD570879/PB	.00028	-.00426	-.00015	.00072	.00258	.00008
113	AD570880	.00176	-.00828	.00507	.17088	.01881	.00162
114	AD570880/L (1:5)	.00072	.00153	.00102	.03369	.00457	.00059
115	AD570880/PS	.00147	1.3316	.99375	1.2600	.01901	1.1471
116	AD570881/MS	.00211	.02805	1.0230	1.3667	.03192	1.3249
117	AD570882/SD	.00219	.02005	.99825	1.3245	.03525	1.2979
118	AD570883/LCS	.00006	1.1907	1.0201	1.0279	.00170	1.1373
119	AD570884/PB	.00045	.01826	-.00029	.00080	.00313	.00013
120	AD570905	.00016	-.00120	-.00023	-.00058	.00046	-.00021
121	AD570906	.00004	-.00623	.00006	.00091	-.00089	-.00015
122	AD570907	.00019	-.00035	-.00016	.00050	.00085	.00028
123	AD570908	.00251	-.00944	-.00002	.00118	-.00001	-.00017
124	AD570909	.00016	-.00543	.00006	.00119	-.00001	-.00045
125	AD570910	.00006	-.00668	-.00002	.03231	.00039	.00001
126	AD570911	.00898	-.00617	.05079	.01733	.00189	-.00007

#	Sample Name	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
127	AD570912	.01441	-.00676	.00788	.04154	-.00074	-.00040
128	AD570913	.00113	-.00583	.00551	.00177	-.00134	-.00022
129	AD570914	.00001	-.00884	.00035	.00170	.00037	-.00043
130	AD570914/L (1:5)	.00005	-.00635	.00001	-.00127	-.00032	-.00009
131	AD570914/PS	.21175	.24874	.20970	.20436	.20488	.05231
132	AD570915/MS	.20192	.24052	.20021	.20662	.20004	.05114
133	AD570916/SD	.20497	.24486	.20215	.20504	.20213	.05159
134	AD570917	.00027	-.00184	.00048	.03099	-.00083	.00002
135	AD570918	.00006	-.00797	.00019	.02986	.00172	-.00023
136	AD570919	.00011	-.00394	-.00023	.04291	.00121	-.00003
137	AD570920	.00019	-.00724	-.00016	.01637	.00165	-.00030
138	AD570921	.00000	-.00591	-.00030	-.00124	-.00082	-.00011
139	AD570922	.00096	-.00761	.00263	.02862	-.00101	-.00018
140	AD570923	.00107	-.00494	.00314	.00648	.00080	-.00037
141	AD570924	.00085	-.00701	.00239	.01969	.00179	-.00017
142	AD570925	.02299	-.00673	.00171	.00172	.00003	-.00005
143	AD570926	.06461	-.00591	.00368	.00457	.00106	-.00013
144	AD570927/FB	.20066	H.23218	.19849	.19729	.20040	.05118
145	AD570928/PB	-.00005	-.00727	.00005	-.00136	.00032	-.00032
146	AD570957	.00076	.00549	.00018	.00116	.00206	-.00018
147	AD570958	.04722	-.00236	.00204	.01606	.00198	.00005
148	AD570959	.00380	.00092	.00028	.00039	.00072	.00005
149	AD570959/L (1:5)	.00065	-.00386	-.00015	-.00174	-.00019	-.00029
150	AD570959/PS	.20678	.24892	.20255	.19513	.19805	.05072
151	AD570960	.00015	-.00036	.00087	.00319	-.00078	-.00030
152	AD570961	.00017	-.00085	.00064	-.00002	-.00038	.00006
153	AD570962	.00177	-.00347	-.00015	.00076	.00134	.00144
154	AD570963	.10477	L-.02674	.03789	.77062	.03929	.00058
155	AD570964	.00036	-.00646	-.00008	.01980	.00024	-.00005
156	AD570965/FB	.19623	.21448	.19544	.20387	.19839	.05009
157	AD570966/PB	.00068	-.00022	.00081	.00287	.00102	.00101
158	AD571080/MS	.20637	.23245	.20142	.20171	.20196	.05166
159	AD571081/SD	.20495	.23830	.20007	.19913	.20010	.05125
160	AD571082	.06799	-.00187	.01539	.00675	.00014	-.00035
161	AD571083	.22277	-.00863	.03408	.01533	.00095	-.00039
162	AD571084	.06499	-.00888	.01568	.00539	.00344	-.00003
163	AD571085	.06434	-.00671	.01502	.00360	.00185	.00002
164	AD571086	.00720	-.00600	.01562	.00102	.00069	-.00011
165	AD571087	.03794	-.00574	.00957	.00480	.00153	.00040
166	CCB	.00002	-.00039	-.00024	-.00049	-.00119	-.00004
167	CCB	.00029	.00096	.00000	-.00050	.00134	.00011
168	CCB	.00037	.00200	.00008	-.00033	.00099	.00019
169	CCB	.00018	-.00140	-.00017	-.00020	-.00312	.00016
170	CCB	.00039	.00158	-.00024	-.00013	-.00153	.00023
171	CCB	.00051	.00020	.00007	-.00036	.00049	.00035
172	CCB	.00028	-.00056	.00006	-.00118	-.00388	.00000
173	CCB	.00036	.00256	-.00001	-.00055	-.00194	.00008
174	CCB	.00057	-.00050	.00029	-.00091	.00330	.00042
175	CCB	.00057	.00014	.00006	-.00076	.00095	.00055
176	CCB	.00059	-.00083	.00006	-.00076	.00158	.00053
177	CCB	.00034	-.00056	-.00007	.00043	.00028	.00036
178	CCB	.00044	-.00209	.00022	.00028	-.00065	.00015
179	CCB	.00135	.00028	.00029	.00012	.00374	.00029
180	CCB	.00065	H.03146	-.00007	.00014	.00348	.00035

#	Sample Name	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
181	CCB	.00055	.01700	-.00001	-.00084	.00127	.00000
182	CCB	.00039	.00827	-.00021	-.00076	-.00036	-.00032
183	CCB	.00034	.00415	-.00015	-.00082	-.00065	-.00013
184	CCB	.00032	.00310	-.00015	-.00135	.00141	-.00001
185	CCB	.00039	.00316	-.00022	-.00136	-.00221	-.00025
186	CCB	.00026	.00167	-.00002	-.00190	-.00098	-.00007
187	CCB	.00043	.00121	-.00009	-.00062	.00096	-.00008
188	CCV	.51724	.51664	.50213	.46788	.49013	.49405
189	CCV	.52842	.53559	.51102	.46405	.48037	.49934
190	CCV	.53847	.54319	.51577	Q.44791	.46523	.50355
191	CCV	.51921	.50377	.50753	.47164	.47271	.49358
192	CCV	.52064	.51369	.52037	.52519	.49384	.49584
193	CCV	.51796	.51107	.51034	.48654	.47101	.48881
194	CCV	.51896	.51076	.52011	.52011	.48897	.49120
195	CCV	.51279	.50240	.51732	.51677	.48123	.48820
196	CCV	.50505	.49650	.49402	.48538	.49782	.48826
197	CCV	.51191	.51424	.49682	.48387	.49697	.49159
198	CCV	.51530	.51853	.50020	.48873	.49773	.49432
199	CCV	.51976	.52345	.50425	.49123	.49820	.49664
200	CCV	.52519	.53549	.51081	.49820	.50084	.50165
201	CCV	.52157	.52629	.50963	.49081	.49620	.49935
202	CCV	.52443	Q.37471	.51200	.49220	.49555	.50099
203	CCV	.50944	Q.55127	.49803	.48658	.50441	.49000
204	CCV	.51581	Q.58625	.50735	.50732	.51278	.50425
205	CCV	.51563	Q.59278	.50134	.48712	.50444	.49633
206	CCV	.51442	Q.60794	.50090	.48765	.50443	.49523
207	CCV	.52028	Q.62572	.50563	.49550	.50594	.49903
208	CCV	.52525	Q.63160	.50882	.49934	.50892	.50193
209	CCV	.52015	Q.62645	.50284	.48291	.50187	.49597
210	CRI	.00490	.02035	.00433	.01860	.00920	.00316
211	CRI	.00534	.01965	.00486	.01894	.00795	.00316
212	CRI	.00535	.01829	.00489	.01934	.00997	.00313
213	CRI	.00550	H.03425	.00485	.01958	.00874	.00292
214	ICB	.00014	.00079	-.00032	.00071	.00011	.00010
215	ICB	.00026	-.00058	.00000	.00161	.00159	.00007
216	ICB	.00076	H.02947	.00000	.00159	.00128	.00040
217	ICSA	.00071	-.01788	.00057	-.00684	.00236	.00050
218	ICSA	.00097	-.03098	.00075	-.00645	.00318	.00031
219	ICSA	.00087	-.03285	.00051	-.00598	.00670	.00037
220	ICSA	.00125	-.04080	-.00022	-.00340	.00362	.00010
221	ICSAB	.00040	Q.07927	.48418	.90537	.00404	.21358
222	ICSAB	.00053	.08566	.48852	.88575	.00092	.21570
223	ICSAB	.00088	.08747	.50444	.92415	.00572	.21701
224	ICSAB	.00063	.08493	.48284	.91851	.00665	.21420
225	ICSAB	.00078	Q.07741	.48768	.92793	.00500	.21550
226	ICV	.38174	.37896	.37522	.36843	.38035	.36749
227	ICV	.38117	.38432	.37291	.37144	.37766	.36620
228	ICV	.38701	Q.44965	.37948	.37598	.38735	.37149
229	IDOC1TS	.20553	.20867	.20408	.18870	.19235	.05119
230	IDOC2TS	.20806	.20792	.20664	.18978	.19446	.05153
231	IDOC3TS	.20756	.20965	.20627	.18809	.19486	.05148
232	IDOC4TS	.20811	.21084	.20649	.18470	.19314	.05151
233	STD 1	6.20785	.53323	.24014	.12047	1.808	1.81036
234	STD 1	6.35325	.52564	.25432	.12887	1.69307	1.82924

Standardization Rpt. 12/13/05 07:00:46 PM page 1

Method: TRACE2 Standard: STD BLK
Run Time: 12/13/05 18:56:25

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	.20471	-.02586	.09557	.01207	.13107	.00287	-.06728
SDev	.01013	.00035	.00454	.00060	.00232	.00022	.00309
%RSD	4.9507	1.3690	4.7471	4.9632	1.7741	7.6604	4.5933
#1	.21188	-.02561	.09236	.01164	.13272	.00272	-.06946
#2	.19755	-.02611	.09877	.01249	.12943	.00303	-.06509

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	-.00784	.00378	.01512	.00019	-.01002	.01228	.00230
SDev	.00176	.00589	.00163	.00027	.01527	.00184	.00004
%RSD	22.419	155.94	10.769	141.42	152.38	15.015	1.7741
#1	-.00660	-.00039	.01397	.00039	.00078	.01358	.00233
#2	-.00908	.00795	.01627	.00000	-.02081	.01097	.00227

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1
Avge	.01328	.00667	-.24073	.01750	-.00298	.00332	-.09354
SDev	.00647	.00395	.00915	.00763	.00970	.01457	.01704
%RSD	48.711	59.153	3.8001	43.572	325.61	439.01	18.213
#1	.01785	.00388	-.24719	.02290	.00388	-.00699	-.08149
#2	.00870	.00946	-.23426	.01211	-.00984	.01362	-.10559

Elem	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Avge	.15476	.12225	-.02105	.00096	.00154	-.13402	-.00367
SDev	.00538	.00163	.00810	.00029	.00057	.03203	.00305
%RSD	3.4783	1.3308	38.457	29.983	37.013	23.901	83.046
#1	.15096	.12340	-.02678	.00116	.00194	-.11137	-.00582
#2	.15857	.12110	-.01533	.00076	.00114	-.15668	-.00151

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2610	--	--	--	--	--	--
SDev	46.29789	--	--	--	--	--	--
%RSD	1.774095	--	--	--	--	--	--
#1	2577	--	--	--	--	--	--
#2	2642	--	--	--	--	--	--

Standardization Rpt. 12/13/05 07:04:42 PM page 1

Method: TRACE2 Standard: STD 1
Run Time: 12/13/05 19:00:49

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	9.8439	.77362	1.7362	6.5654	5.6410	8.0476	.54677
SDev	.0543	.00285	.0115	.0581	.0405	.0480	.00516
%RSD	.55119	.36826	.66258	.88522	.71875	.59680	.94290
#1	9.8822	.77564	1.7443	6.6065	5.6696	8.0816	.55042
#2	9.8055	.77161	1.7281	6.5243	5.6123	8.0137	.54313

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Mo2020	Ni2316	2203/1
Avge	1.4024	1.2047	1.2062	1.0870	1.4246	3.6869	1.3218
SDev	.0118	.0048	.0038	.0070	.0094	.0107	.0385
%RSD	.83930	.40087	.31177	.64705	.65876	.28894	2.9110
#1	1.4107	1.2081	1.2088	1.0920	1.4180	3.6794	1.3490
#2	1.3941	1.2013	1.2035	1.0821	1.4313	3.6945	1.2946

Elem	2203/2	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924
Avge	1.2276	.59788	.42080	1.1902	6.3533	.52565	.25432
SDev	.0093	.00926	.01701	.0171	.0597	.01210	.00218
%RSD	.75686	1.5489	4.0428	1.4399	.93986	2.3021	.85908
#1	1.2341	.60442	.43283	1.2023	6.3955	.51709	.25587
#2	1.2210	.59133	.40877	1.1781	6.3110	.53421	.25278

Elem	Zn2062	Sn1899	Ag3280
Avge	.12887	1.6931	1.8292
SDev	.00030	.0611	.0164
%RSD	.22865	3.6089	.89761
#1	.12908	1.7363	1.8409
#2	.12866	1.6499	1.8176

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2623	--	--	--	--	--	--
SDev	16.97056	--	--	--	--	--	--
%RSD	.6470522	--	--	--	--	--	--
#1	2611	--	--	--	--	--	--
#2	2635	--	--	--	--	--	--

Standardization Rpt. 12/13/05 07:08:39 PM page 1

Method: TRACE2 Standard: STD 2
Run Time: 12/13/05 19:04:46

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	48.757	3.9440	8.2293	32.747	27.528	40.036	2.7410
SDev	.254	.0194	.0094	.109	.067	.137	.0095
%RSD	.52066	.49316	.11448	.33368	.24389	.34325	.34831
#1	48.937	3.9578	8.2227	32.825	27.575	40.133	2.7478
#2	48.578	3.9303	8.2360	32.670	27.480	39.939	2.7343

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Mo2020	Ni2316	2203/1
Avge	6.9680	5.9752	5.9862	5.3944	6.9995	19.149	6.4988
SDev	.0285	.0212	.0186	.0195	.0014	.040	.0197
%RSD	.40876	.35518	.31029	.36110	.01934	.20696	.30338
#1	6.9881	5.9902	5.9994	5.4082	6.9985	19.177	6.5127
#2	6.9479	5.9602	5.9731	5.3806	7.0004	19.121	6.4848

Elem	2203/2	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924
Avge	6.0331	2.9757	2.6047	5.2604	31.162	2.7787	1.2718
SDev	.0536	.0193	.0148	.0014	.112	.0724	.0038
%RSD	.88849	.64974	.56929	.02728	.35973	2.6056	.29511
#1	5.9951	2.9893	2.6151	5.2594	31.241	2.7275	1.2744
#2	6.0710	2.9620	2.5942	5.2614	31.082	2.8299	1.2691

Elem	Zn2062	Sn1899	Ag3280
Avge	.63788	8.8602	9.1756
SDev	.00041	.0055	.0262
%RSD	.06430	.06246	.28608
#1	.63759	8.8641	9.1942
#2	.63817	8.8563	9.1571

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2617	--	--	--	--	--	--
SDev	12.72792	--	--	--	--	--	--
%RSD	.4863043	--	--	--	--	--	--
#1	2608	--	--	--	--	--	--
#2	2626	--	--	--	--	--	--

Standardization Rpt. 12/13/05 07:13:04 PM page 1

Method: TRACE2 Standard: STD 3
Run Time: 12/13/05 19:08:43

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	98.108	8.0840	16.414	66.302	54.861	37.441	79.613
SDev	.199	.0875	.026	.174	.130	.110	.089
%RSD	.20257	1.0822	.15955	.26269	.23730	.29511	.11231
#1	97.967	8.0222	16.396	66.179	54.769	37.363	79.549
#2	98.248	8.1459	16.433	66.425	54.953	37.519	79.676

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	5.4494	13.821	11.999	11.829	83.827	79.573	10.664
SDev	.0055	.004	.024	.001	.096	.082	.001
%RSD	.10087	.02798	.20248	.01075	.11490	.10344	.01251
#1	5.4455	13.824	11.982	11.828	83.759	79.514	10.665
#2	5.4533	13.818	12.017	11.830	83.895	79.631	10.663

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1
Avge	14.014	3.8228	38.383	12.893	12.237	6.0621	5.3655
SDev	.103	.0077	.009	.032	.009	.0694	.0278
%RSD	.73184	.20242	.02394	.24823	.07104	1.1444	.51823
#1	13.942	3.8174	38.377	12.916	12.231	6.0130	5.3458
#2	14.087	3.8283	38.390	12.871	12.243	6.1111	5.3851

Elem	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Avge	10.625	62.675	5.8282	2.5434	1.2678	17.957	18.496
SDev	.072	.167	.0597	.0015	.0039	.008	.032
%RSD	.67345	.26658	1.0249	.05928	.30406	.04232	.17453
#1	10.574	62.557	5.7860	2.5424	1.2651	17.952	18.473
#2	10.676	62.793	5.8704	2.5445	1.2705	17.963	18.519

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2634	--	--	--	--	--	--
SDev	9.280777	--	--	--	--	--	--
%RSD	.3523403	--	--	--	--	--	--
#1	2627	--	--	--	--	--	--
#2	2641	--	--	--	--	--	--

Standardization Report 12/13/05 07:13:04 PM page 1

Method: TRACE2 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	.514958	-.105075	12/13/05 07:08:43
As1890	189.042	Multiple	Standards	.124767	.003230	12/13/05 07:08:43
B_2496	249.678	Multiple	Standards	.062000	-.005929	12/13/05 07:08:43
Ba4934	493.409	Multiple	Standards	.015205	-.000180	12/13/05 07:08:43
Be3130	313.042	Multiple	Standards	.018227	-.002393	12/13/05 07:08:43
Ca3179	317.933	STD 3	STD BLK	1.04691	.008776	12/13/05 07:08:43
Cd2265	226.502	Multiple	Standards	.012460	.000829	12/13/05 07:08:43
Co2286	228.616	Multiple	Standards	.182107	.001420	12/13/05 07:08:43
Cr2677	267.716	Multiple	Standards	.072009	-.000277	12/13/05 07:08:43
Cu3247	324.753	Multiple	Standards	.083859	-.001265	12/13/05 07:08:43
Fe2714	271.441	Multiple	Standards	4.18367	-.001217	12/13/05 07:08:43
K_7664	766.491	STD 3	STD BLK	1.10310	-.020781	12/13/05 07:08:43
Mg2790	279.078	STD 3	STD BLK	1.09737	-.003965	12/13/05 07:08:43
Mn2576	257.610	Multiple	Standards	.092900	-.000221	12/13/05 07:08:43
Mo2020	202.030	Multiple	Standards	.071312	-.000952	12/13/05 07:08:43
Na3302	330.232	STD 3	STD BLK	1.09247	.003463	12/13/05 07:08:43
Ni2316	231.604	Multiple	Standards	.025681	.006174	12/13/05 07:08:43
2203/1	220.351	Multiple	Standards	.078599	-.001382	12/13/05 07:08:43
2203/2	220.352	Multiple	Standards	.081237	.000236	12/13/05 07:08:43
PB2203	220.353	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
SE1960	196.026	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Sb2068	206.838	Multiple	Standards	.168251	-.000552	12/13/05 07:08:43
1960/1	196.021	Multiple	Standards	.187456	.017565	12/13/05 07:08:43
1960/2	196.022	Multiple	Standards	.094491	-.014623	12/13/05 07:08:43
Ti3372	337.280	Multiple	Standards	.016049	-.001962	12/13/05 07:08:43
Tl1908	190.864	Multiple	Standards	.174520	.003701	12/13/05 07:08:43
V_2924	292.402	Multiple	Standards	.394147	-.000377	12/13/05 07:08:43
Zn2062	206.200	Multiple	Standards	.785926	-.001211	12/13/05 07:08:43
Sn1899	189.989	Multiple	Standards	.055199	.007391	12/13/05 07:08:43
Ag3280	328.068	Multiple	Standards	.054360	.000203	12/13/05 07:08:43

Standardization Readback Report 12/13/05 07:13:04 PM page 1

Method: TRACE2

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	STD BLK	.000000	.000344	-.000344
		STD 1	5.00000	4.96409	.035907
		STD 2	25.0000	25.0029	-.002947
		STD 3	50.0000	50.4164	-.416393

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	STD BLK	.000000	.000003	-.000003
		STD 1	.100000	.099753	.000247
		STD 2	.500000	.495314	.004686
		STD 3	1.00000	1.01185	-.011846

CorCoef: 0.99994

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	STD BLK	.000000	-.000004	.000004
		STD 1	.100000	.101715	-.001715
		STD 2	.500000	.504291	-.004291
		STD 3	1.00000	1.01177	-.011771

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	STD BLK	.000000	.000004	-.000004
		STD 1	.100000	.099651	.000349
		STD 2	.500000	.497761	.002239
		STD 3	1.00000	1.00797	-.007972

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	STD BLK	.000000	-.000004	.000004
		STD 1	.100000	.100424	-.000424
		STD 2	.500000	.499352	.000648
		STD 3	1.00000	.997555	.002445

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Ca3179	317.933	STD BLK	.011783	.002872	.008911
		STD 3	39.2060	37.4410	1.76505

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	STD BLK	.000000	-.000009	.000009
		STD 1	.100000	.101099	-.001099
		STD 2	.500000	.499659	.000341
		STD 3	1.00000	.992768	.007232

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	STD BLK	.000000	-.000007	.000007
		STD 1	.100000	.100991	-.000991
		STD 2	.500000	.500583	-.000583
		STD 3	1.00000	.993797	.006203

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	STD BLK	.000000	-.000005	.000005
		STD 1	.100000	.100707	-.000707
		STD 2	.500000	.501481	-.001481
		STD 3	1.00000	.994971	.005029

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	STD BLK	.000000	.000003	-.000003
		STD 1	.100000	.099757	.000243
		STD 2	.500000	.499805	.000195
		STD 3	1.00000	1.00499	-.004992

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	STD BLK	.000000	-.000406	.000406
		STD 1	5.00000	5.04508	-.045076
		STD 2	25.0000	25.0432	-.043192
		STD 3	50.0000	49.4889	.511082

CorCoef: 0.99998

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	STD BLK	-.031833	-.010019	-.021814
		STD 3	92.4486	83.8272	8.62141

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Mg2790	279.078	STD BLK	.009509	.012278	-.002769
		STD 3	87.3162	79.5726	7.74364

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	STD BLK	.000000	-.000007	.000007
		STD 1	.100000	.100766	-.000766
		STD 2	.500000	.500918	-.000918
		STD 3	1.00000	.990503	.009497

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	STD BLK	.000000	-.000005	.000005
		STD 1	.100000	.100640	-.000640
		STD 2	.500000	.498192	.001808
		STD 3	1.00000	.998443	.001557

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	STD BLK	.010750	.006671	.004079
		STD 3	4.17978	3.82282	.356955

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	STD BLK	.000000	-.000009	.000009
		STD 1	.100000	.100858	-.000858
		STD 2	.500000	.497950	.002050
		STD 3	1.00000	.991896	.008104

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	STD BLK	.000000	-.000006	.000006
		STD 1	.100000	.102513	-.002513
		STD 2	.500000	.509416	-.009416
		STD 3	1.00000	1.01201	-.012008

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	STD BLK	.000000	-.000006	.000006
		STD 1	.100000	.099960	.000040
		STD 2	.500000	.490346	.009654
		STD 3	1.00000	.994361	.005639

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
PB2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
SE1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	STD BLK	.000000	.000006	-.000006
		STD 1	.100000	.100041	-.000041
		STD 2	.500000	.500105	-.000105
		STD 3	1.00000	1.01939	-.019392

CorCoef: 0.99995

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	STD BLK	.000000	.000031	-.000031
		STD 1	.100000	.096446	.003554
		STD 2	.500000	.505824	-.005824
		STD 3	1.00000	1.02336	-.023358

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	STD BLK	.000000	.000000	-.000000
		STD 1	.100000	.097842	.002158
		STD 2	.500000	.482442	.017558
		STD 3	1.00000	.989347	.010653

CorCoef: 0.99991

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3372	337.280	STD BLK	.000000	.000000	-.000000
		STD 1	.100000	.100003	-.000003
		STD 2	.500000	.498160	.001840
		STD 3	1.00000	1.00393	-.003927

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	STD BLK	.000000	.000027	-.000027
		STD 1	.100000	.095438	.004562
		STD 2	.500000	.488636	.011364
		STD 3	1.00000	1.02084	-.020843

CorCoef: 0.99975

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	STD BLK	.000000	.000002	-.000002
		STD 1	.100000	.099863	.000137
		STD 2	.500000	.500881	-.000881
		STD 3	1.00000	1.00211	-.002110

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	STD BLK	.000000	-.000002	.000002
		STD 1	.100000	.100074	-.000074
		STD 2	.500000	.500113	-.000113
		STD 3	1.00000	.995201	.004799

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	STD BLK	.000000	-.000007	.000007
		STD 1	.100000	.100847	-.000847
		STD 2	.500000	.496462	.003538
		STD 3	1.00000	.998607	.001393

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	STD BLK	.000000	.000003	-.000003
		STD 1	.100000	.099640	.000360
		STD 2	.500000	.498988	.001012
		STD 3	1.00000	1.00562	-.005625

CorCoef: 0.99999

Analysis Report Blank Sample 12/13/05 07:17:28 PM page 1

Method: TRACE2 Sample Name: STD 3 VER Operator: SW
Run Time: 12/13/05 19:13:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.347	1.0103	.99779	1.0088	.99457	49.811	.98762
SDev	.123	.0044	.00095	.0033	.00103	.043	.00007
%RSD	.24511	.43946	.09484	.32823	.10371	.08672	.00709
#1	50.435	1.0071	.99846	1.0111	.99530	49.842	.98767
#2	50.260	1.0134	.99712	1.0064	.99384	49.781	.98757
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98840	.98911	1.0037	49.199	50.331	49.818	.98631
SDev	.00120	.00132	.0029	.030	.139	.074	.00059
%RSD	.12086	.13374	.28410	.06101	.27585	.14859	.05938
#1	.98924	.99005	1.0057	49.220	50.430	49.870	.98672
#2	.98756	.98818	1.0017	49.178	50.233	49.766	.98589
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99761	50.888	.99000	.98849	1.0045	.99914	1.0102
SDev	.00192	.035	.00071	.00580	.0003	.00211	.0009
%RSD	.19201	.06909	.07162	.58667	.02695	.21135	.08890
#1	.99625	50.913	.99050	.99259	1.0046	1.0006	1.0096
#2	.99896	50.863	.98950	.98439	1.0043	.99765	1.0109
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0148	1.0156	1.0076	1.0037	1.0275	1.0004	.99495
SDev	.0007	.0027	.0000	.0015	.0047	.0013	.00076
%RSD	.06556	.26795	.00135	.15447	.45440	.12720	.07596
#1	1.0143	1.0137	1.0076	1.0048	1.0242	1.0013	.99442
#2	1.0153	1.0176	1.0075	1.0026	1.0308	.99951	.99548
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.99109	1.0064
SDev	.00539	.0019
%RSD	.54337	.18806
#1	.99490	1.0077
#2	.98729	1.0050
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2617	--	--	--	--	--	--
SDev	6.947290	--	--	--	--	--	--
%RSD	.2654588	--	--	--	--	--	--
#1	2612	--	--	--	--	--	--
#2	2622	--	--	--	--	--	--

Analysis Report QC Standard 12/13/05 07:21:52 PM page 1

Method: TRACE2 Sample Name: ICV Operator: SW
Run Time: 12/13/05 19:17:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.999	.36605	.35843	.36939	.37448	18.702	.36616
SDev	.068	.00040	.00220	.00169	.00094	.024	.00052
%RSD	.35561	.10863	.61258	.45823	.25185	.12711	.14344
#1	19.046	.36577	.35688	.37058	.37514	18.719	.36653
#2	18.951	.36633	.35998	.36819	.37381	18.685	.36579
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	18.750	.37500	.37500	.37500	.37500	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36812	.37094	.38524	18.565	18.919	18.614	.37821
SDev	.00031	.00037	.00145	.029	.083	.040	.00027
%RSD	.08436	.10069	.37750	.15523	.43941	.21234	.07106
#1	.36834	.37121	.38627	18.585	18.978	18.642	.37840
#2	.36790	.37068	.38421	18.545	18.861	18.586	.37802
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500	.37500	.37500	18.750	18.750	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37347	19.224	.37419	.37140	.37437	.37338	.37753
SDev	.00012	.017	.00098	.00045	.00018	.00027	.00404
%RSD	.03290	.08812	.26114	.12179	.04760	.07218	1.0710
#1	.37356	19.236	.37488	.37172	.37450	.37357	.38039
#2	.37339	19.212	.37350	.37108	.37425	.37319	.37467
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.37500	18.750	.37500			.37500	.37500
Range	5.0000	5.0000	5.0000			5.0000	5.0000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37483	.37954	.37653	.38117	.38433	.37292	.37145
SDev	.00105	.00359	.00427	.00104	.00066	.00060	.00145
%RSD	.28011	.94676	1.1336	.27201	.17104	.16193	.38975
#1	.37557	.38208	.37954	.38191	.38479	.37334	.37247
#2	.37408	.37700	.37351	.38044	.38386	.37249	.37042
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500			.37500	.37500	.37500	.37500
Range	5.0000			5.0000	5.0000	5.0000	5.0000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.37767	.36620
SDev	.00563	.00095
%RSD	1.4908	.25892
#1	.38165	.36687
#2	.37369	.36553
Errors	QC Pass	QC Pass
Value	.37500	.37500
Range	5.0000	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2634	--	--	--	--	--	--
SDev	.2121666	--	--	--	--	--	--
%RSD	.0080540	--	--	--	--	--	--
#1	2634	--	--	--	--	--	--
#2	2634	--	--	--	--	--	--

Analysis Report Blank Sample 12/13/05 07:26:15 PM page 1

Method: TRACE2 Sample Name: ICB Operator: SW
Run Time: 12/13/05 19:21:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00386	.00066	.00096	.00017	.00005	.01671	.00009
SDev	.00105	.00051	.00022	.00006	.00001	.00039	.00001
%RSD	27.255	76.984	22.842	34.813	10.886	2.3309	9.9492
#1	-.00312	.00101	.00112	.00012	.00005	.01643	.00008
#2	-.00461	.00030	.00081	.00021	.00005	.01699	.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00042	.00006	.00070	.00353	-.00080	.00693	.00013
SDev	.00005	.00014	.00009	.00001	.00848	.00104	.00005
%RSD	12.000	212.67	13.327	.26869	1057.8	15.033	38.473
#1	.00046	-.00003	.00064	.00353	.00520	.00619	.00010
#2	.00038	.00016	.00077	.00354	-.00680	.00767	.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00166	.00337	.00066	-.00033	.00024	.00005	-.00292
SDev	.00049	.00341	.00053	.00166	.00087	.00003	.00038
%RSD	29.512	101.26	80.281	509.98	364.97	52.989	13.019
#1	.00201	.00578	.00028	.00085	-.00038	.00003	-.00265
#2	.00132	.00096	.00103	-.00150	.00085	.00007	-.00318
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00343	-.00453	-.00211	.00026	-.00059	-.00000	.00161
SDev	.00068	.00240	.00063	.00008	.00043	.00011	.00063
%RSD	19.847	52.894	29.874	29.420	72.702	3175.9	38.775
#1	.00295	-.00284	-.00255	.00032	-.00029	.00007	.00206
#2	.00391	-.00623	-.00166	.00021	-.00089	-.00008	.00117
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00160	.00008
SDev	.00030	.00020
%RSD	18.786	255.64
#1	.00138	-.00006
#2	.00181	.00022
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2643	--	--	--	--	--	--
SDev	4.772971	--	--	--	--	--	--
%RSD	.1806045	--	--	--	--	--	--
#1	2646	--	--	--	--	--	--
#2	2639	--	--	--	--	--	--

Analysis Report Blank Sample 12/13/05 07:30:38 PM page 1

Method: TRACE2 Sample Name: CRI Operator: SW
Run Time: 12/13/05 19:26:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18944	.00877	.04970	.00203	.00192	.49142	.00109
SDev	.00010	.00072	.00083	.00003	.00003	.00009	.00001
%RSD	.05165	8.1614	1.6612	1.3065	1.4229	.01815	.82272
#1	.18951	.00826	.04912	.00201	.00190	.49136	.00108
#2	.18937	.00928	.05028	.00205	.00194	.49149	.00110
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.07500	.00300	.00300	.75000	.00150
Low	.10000	.00500	.02500	.00100	.00100	.25000	.00050

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00402	.00378	.01000	.05383	.45552	.19706	.00294
SDev	.00010	.00013	.00003	.01099	.01189	.00054	.00002
%RSD	2.5826	3.3255	.29973	20.408	2.6109	.27577	.55459
#1	.00409	.00387	.01002	.04606	.46393	.19744	.00293
#2	.00394	.00369	.00998	.06160	.44711	.19667	.00295
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01026	.74051	.01065	.00553	.00490	.00511	.01285
SDev	.00003	.04045	.00008	.00196	.00023	.00081	.00086
%RSD	.28787	5.4624	.78444	35.542	4.6760	15.794	6.6724
#1	.01028	.76911	.01059	.00692	.00506	.00568	.01224
#2	.01024	.71191	.01071	.00414	.00474	.00454	.01345
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01500	1.5000	.01500			.00750	.02250
Low	.00500	.50000	.00500			.00250	.00750

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02042	.00822	.01516	.00536	.01829	.00489	.01934
SDev	.00026	.00362	.00309	.00011	.00143	.00009	.00015
%RSD	1.2654	44.000	20.406	1.9586	7.7998	1.8543	.80215
#1	.02024	.01078	.01297	.00543	.01728	.00483	.01923
#2	.02061	.00566	.01735	.00528	.01930	.00496	.01945
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.03000			.00750	.03000	.00750	.03000
Low	.01000			.00250	.01000	.00250	.01000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00998	.00314
SDev	.00068	.00008
%RSD	6.8512	2.5528
#1	.00949	.00320
#2	.01046	.00308
Errors	LC Pass	LC Pass
High	.01500	.00450
Low	.00500	.00150

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2657	--	--	--	--	--	--
SDev	7.053459	--	--	--	--	--	--
%RSD	.2654383	--	--	--	--	--	--
#1	2652	--	--	--	--	--	--
#2	2662	--	--	--	--	--	--

Analysis Report QC Standard 12/13/05 07:35:01 PM page 1

Method: TRACE2 Sample Name: ICSA Operator: SW
Run Time: 12/13/05 19:30:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	489.19	.00320	.00847	.01305	.00164	478.28	-.00817
SDev	1.02	.00139	.00004	.00001	.00002	1.04	.00034
%RSD	.20838	43.473	.43191	.08471	.91547	.21835	4.1950
#1	488.47	.00419	.00844	.01306	.00163	477.54	-.00792
#2	489.92	.00222	.00850	.01305	.00165	479.01	-.00841
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value	500.00					500.00	
Range	100.00					100.00	

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00093	-.01458	-.00037	184.14	-.00637	484.14	-.00024
SDev	.00036	.00007	.00014	.20	.01227	.28	.00008
%RSD	39.001	.51412	37.666	.10603	192.64	.05822	33.310
#1	.00068	-.01453	-.00027	184.28	.00231	483.94	-.00018
#2	.00119	-.01463	-.00047	184.00	-.01504	484.34	-.00030
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK	QC Pass	NOCHECK
Value				200.00		500.00	
Range				40.000		100.00	

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00128	.01098	-.00038	-.02321	.02023	.00576	-.00957
SDev	.00027	.01190	.00008	.00307	.00108	.00030	.00233
%RSD	21.132	108.36	21.229	13.233	5.3500	5.2236	24.313
#1	-.00109	.01939	-.00044	-.02104	.01946	.00598	-.00793
#2	-.00147	.00257	-.00032	-.02538	.02099	.00555	-.01122
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00455	-.00691	-.01090	.00087	-.03285	.00052	-.00598
SDev	.00526	.00869	.00085	.00003	.00004	.00010	.00070
%RSD	115.47	125.80	7.8346	3.2929	.12097	20.011	11.667
#1	.00084	-.00076	-.01151	.00089	-.03282	.00059	-.00549
#2	.00827	-.01305	-.01030	.00085	-.03288	.00044	-.00648
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00671	.00038
SDev	.00137	.00009
%RSD	20.501	24.693
#1	.00768	.00031
#2	.00574	.00045
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2470	--	--	--	--	--	--
SDev	2.810646	--	--	--	--	--	--
%RSD	.1137735	--	--	--	--	--	--
#1	2472	--	--	--	--	--	--
#2	2468	--	--	--	--	--	--

Analysis Report QC Standard 12/13/05 07:39:24 PM page 1

Method: TRACE2 Sample Name: ICSAB Operator: SW
Run Time: 12/13/05 19:35:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	493.98	.10195	.00480	.53054	.48272	481.51	.90040
SDev	.46	.00044	.00044	.00055	.00063	.52	.00122
%RSD	.09245	.42752	9.2124	.10439	.12951	.10867	.13517
#1	494.31	.10164	.00449	.53093	.48316	481.88	.90126
#2	493.66	.10226	.00511	.53015	.48227	481.14	.89954
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44726	.45304	.51544	91.652	-.01049	482.46	.46622
SDev	.00049	.00030	.00099	.028	.00724	.15	.00028
%RSD	.10859	.06670	.19257	.03077	69.043	.03057	.06121
#1	.44692	.45326	.51474	91.632	-.00537	482.56	.46642
#2	.44761	.45283	.51615	91.672	-.01561	482.35	.46602
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00088	.00499	.93371	.02051	.07034	.05375	.04385
SDev	.00129	.00001	.00046	.00055	.00093	.00044	.00464
%RSD	147.74	.17602	.04962	2.6854	1.3210	.81195	10.594
#1	-.00004	.00500	.93404	.02090	.06969	.05344	.04713
#2	.00179	.00499	.93338	.02012	.07100	.05406	.04056
Errors	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value			1.0000			.05000	.05000
Range			.20000			.01000	.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.60367	.04196	.04479	.00063	.08494	.48284	.91851
SDev	.00563	.00568	.00981	.00007	.00110	.00152	.00030
%RSD	.93249	13.529	21.894	11.543	1.2890	.31518	.03223
#1	.60765	.03795	.05172	.00058	.08416	.48392	.91872
#2	.59969	.04598	.03786	.00069	.08571	.48176	.91830
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.60000				.10000	.50000	1.0000
Range	.12000				.02000	.10000	.20000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00666	.21420
SDev	.00002	.00015
%RSD	.23555	.07007
#1	.00667	.21410
#2	.00665	.21431
Errors	NOCHECK	QC Pass
Value		.20000
Range		.04000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2451	--	--	--	--	--	--
SDev	.7954952	--	--	--	--	--	--
%RSD	.0324525	--	--	--	--	--	--
#1	2451	--	--	--	--	--	--
#2	2452	--	--	--	--	--	--

Analysis Report QC Standard 12/13/05 07:45:08 PM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 12/13/05 19:40:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.235	.48135	.46965	.48853	.49232	24.677	.48091
SDev	.066	.00861	.00119	.00139	.00143	.087	.00161
%RSD	.26285	1.7892	.25409	.28493	.28938	.35060	.33487
#1	25.282	.48744	.47049	.48951	.49333	24.738	.48205
#2	25.188	.47526	.46880	.48754	.49131	24.616	.47977
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48315	.48903	.51023	24.479	25.158	24.475	.49801
SDev	.00227	.00160	.00123	.041	.028	.082	.00110
%RSD	.47048	.32667	.24145	.16816	.10986	.33618	.22059
#1	.48476	.49016	.51110	24.509	25.177	24.533	.49879
#2	.48155	.48790	.50936	24.450	25.138	24.417	.49723
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48752	25.516	.49098	.48619	.49382	.49128	.49021
SDev	.00090	.033	.00129	.00271	.00041	.00063	.00388
%RSD	.18536	.13099	.26314	.55690	.08326	.12771	.79238
#1	.48688	25.540	.49189	.48810	.49353	.49172	.48746
#2	.48816	25.493	.49007	.48427	.49411	.49083	.49295
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49217	.49133	.48965	.50506	.49651	.49403	.48539
SDev	.00013	.00694	.00235	.00140	.00225	.00114	.00004
%RSD	.02617	1.4134	.48082	.27650	.45255	.23158	.00878
#1	.49226	.48642	.48799	.50604	.49809	.49483	.48542
#2	.49208	.49624	.49132	.50407	.49492	.49322	.48536
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.49782	.48826
SDev	.00091	.00241
%RSD	.18342	.49339
#1	.49847	.48997
#2	.49718	.48656
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2618	--	--	--	--	--	--
SDev	13.94775	--	--	--	--	--	--
%RSD	.5327051	--	--	--	--	--	--
#1	2608	--	--	--	--	--	--
#2	2628	--	--	--	--	--	--

Analysis Report Blank Sample 12/13/05 07:49:32 PM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 12/13/05 19:45:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02288	.00038	.00035	.00026	.00016	.01862	.00013
SDev	.00315	.00111	.00065	.00004	.00005	.00395	.00010
%RSD	13.748	289.31	189.14	14.819	30.573	21.234	78.181
#1	.02511	-.00040	.00081	.00029	.00020	.02142	.00006
#2	.02066	.00117	-.00012	.00023	.00013	.01582	.00020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00018	.00040	.00012	.02165	.01297	.02320	.00036
SDev	.00001	.00019	.00005	.00344	.01535	.00300	.00002
%RSD	3.1274	48.553	40.458	15.899	118.40	12.910	6.2542
#1	.00018	.00054	.00016	.02408	.02382	.02532	.00034
#2	.00019	.00026	.00009	.01921	.00211	.02109	.00037
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00144	.02323	.00102	.00240	.00097	.00145	-.00179
SDev	.00031	.00367	.00063	.00002	.00099	.00066	.00403
%RSD	21.807	15.792	61.465	.61526	101.84	45.301	225.40
#1	.00166	.02063	.00147	.00241	.00027	.00098	.00106
#2	.00122	.02582	.00058	.00239	.00167	.00191	-.00464
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00338	-.00439	-.00049	.00058	-.00050	.00029	-.00091
SDev	.00136	.00760	.00225	.00031	.00127	.00010	.00042
%RSD	40.255	173.27	457.93	53.180	252.67	35.065	45.643
#1	.00434	.00099	.00110	.00079	-.00140	.00022	-.00121
#2	.00242	-.00976	-.00208	.00036	.00040	.00036	-.00062
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00331	.00043
SDev	.00225	.00032
%RSD	68.063	74.324
#1	.00172	.00020
#2	.00490	.00065
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2654	--	--	--	--	--	--
SDev	11.19010	--	--	--	--	--	--
%RSD	.4216455	--	--	--	--	--	--
#1	2646	--	--	--	--	--	--
#2	2662	--	--	--	--	--	--

Analysis Report 12/13/05 07:53:56 PM page 1

Method: TRACE2 Sample Name: AD570530 Operator: SW
Run Time: 12/13/05 19:49:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05756	.00082	.01135	.00313	.00001	15.139	-.00004
SDev	.00050	.00155	.00022	.00005	.00000	.028	.00010
%RSD	.86239	189.65	1.9269	1.5190	4.3390	.18721	237.03
#1	.05792	-.00028	.01120	.00317	.00001	15.159	-.00011
#2	.05721	.00192	.01151	.00310	.00001	15.119	.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00016	.00069	-.00076	.12276	1.1981	12.331	.00354
SDev	.00015	.00030	.00018	.00663	.0151	.028	.00010
%RSD	93.774	44.021	23.243	5.3983	1.2618	.22826	2.7567
#1	.00026	.00091	-.00064	.12744	1.2088	12.351	.00361
#2	.00005	.00048	-.00089	.11807	1.1874	12.311	.00347
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	10.230	.00192	-.00123	.00100	.00026	-.00160
SDev	.00129	.082	.00047	.00100	.00112	.00108	.00051
%RSD	9019.7	.79906	24.531	81.275	111.75	418.26	32.176
#1	.00090	10.288	.00225	-.00194	.00021	-.00051	-.00196
#2	-.00092	10.172	.00159	-.00052	.00179	.00102	-.00123
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00247	-.00107	-.00186	.00063	-.00182	.00036	.00543
SDev	.00125	.00089	.00033	.00003	.00007	.00021	.00021
%RSD	50.619	83.485	17.490	4.1769	3.6121	58.194	3.8081
#1	.00159	-.00170	-.00209	.00061	-.00186	.00051	.00557
#2	.00336	-.00044	-.00163	.00065	-.00177	.00021	.00528
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00152	.00012
SDev	.00025	.00026
%RSD	16.457	214.15
#1	.00170	.00030
#2	.00134	-.00006
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2666	--	--	--	--	--	--
SDev	.6364997	--	--	--	--	--	--
%RSD	.0238758	--	--	--	--	--	--
#1	2666	--	--	--	--	--	--
#2	2665	--	--	--	--	--	--

Analysis Report 12/13/05 07:58:19 PM page 1

Method: TRACE2 Sample Name: AD570530/L (1:5) Operator: SW
Run Time: 12/13/05 19:53:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01150	.00103	.00261	.00064	-.00003	3.0410	-.00019
SDev	.00299	.00084	.00028	.00002	.00001	.0079	.00003
%RSD	25.997	81.264	10.935	2.2965	55.990	.25914	14.958
#1	.01361	.00044	.00281	.00063	-.00002	3.0466	-.00017
#2	.00939	.00163	.00241	.00065	-.00004	3.0354	-.00021
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00018	.00031	-.00068	.00670	.22287	2.4720	.00057
SDev	.00010	.00025	.00002	.00002	.01702	.0095	.00008
%RSD	55.930	80.919	3.4771	.22343	7.6362	.38611	13.352
#1	.00011	.00013	-.00066	.00671	.23491	2.4787	.00062
#2	.00025	.00048	-.00069	.00669	.21084	2.4652	.00052
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	1.7023	.00088	-.00008	.00139	.00090	-.00310
SDev	.00014	.0957	.00038	.00030	.00029	.00029	.00081
%RSD	224.13	5.6229	43.677	387.87	20.539	32.055	26.138
#1	.00016	1.7699	.00060	.00013	.00159	.00111	-.00253
#2	-.00004	1.6346	.00115	-.00029	.00119	.00070	-.00368
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00018	-.00471	-.00230	.00018	-.00042	-.00015	-.00002
SDev	.00086	.00608	.00182	.00004	.00378	.00011	.00084
%RSD	481.05	129.00	79.229	21.276	894.40	69.310	4303.1
#1	.00079	-.00041	-.00359	.00021	.00225	-.00008	.00058
#2	-.00043	-.00901	-.00101	.00016	-.00309	-.00023	-.00062
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00157	.00012
SDev	.00174	.00006
%RSD	110.86	48.467
#1	.00034	.00008
#2	.00280	.00016
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2642	--	--	--	--	--	--
SDev	5.303301	--	--	--	--	--	--
%RSD	.2007571	--	--	--	--	--	--
#1	2638	--	--	--	--	--	--
#2	2645	--	--	--	--	--	--

Analysis Report 12/13/05 08:02:43 PM page 1

Method: TRACE2 Sample Name: AD570530/PS Operator: SW
Run Time: 12/13/05 19:58:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.130	.20688	.21042	.21094	.20423	24.828	.19975
SDev	.003	.00159	.00059	.00015	.00009	.011	.00022
%RSD	.02694	.76982	.28150	.07368	.04247	.04434	.11152
#1	10.132	.20575	.21000	.21083	.20429	24.836	.19960
#2	10.128	.20801	.21084	.21105	.20416	24.820	.19991
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20298	.20245	.20720	10.183	11.891	22.122	.20120
SDev	.00064	.00040	.00015	.014	.006	.007	.00013
%RSD	.31730	.19995	.07054	.13293	.05220	.03264	.06302
#1	.20253	.20216	.20731	10.173	11.896	22.127	.20129
#2	.20344	.20274	.20710	10.192	11.887	22.117	.20111
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20578	21.034	.20187	.20298	.20527	.20451	.20297
SDev	.00017	.011	.00044	.00072	.00078	.00076	.00064
%RSD	.08443	.05285	.21811	.35491	.37872	.37086	.31512
#1	.20566	21.042	.20218	.20348	.20582	.20504	.20342
#2	.20591	21.026	.20156	.20247	.20472	.20397	.20252
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20033	.20320	.20286	.20853	.21193	.20760	.20091
SDev	.00515	.00249	.00028	.00007	.00059	.00004	.00006
%RSD	2.5699	1.2250	.14058	.03592	.27803	.01901	.02787
#1	.19669	.20496	.20266	.20848	.21152	.20758	.20087
#2	.20397	.20144	.20306	.20858	.21235	.20763	.20095
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20454	.05229
SDev	.00355	.00037
%RSD	1.7365	.70241
#1	.20706	.05255
#2	.20203	.05203
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2638	--	--	--	--	--	--
SDev	7.530791	--	--	--	--	--	--
%RSD	.2855005	--	--	--	--	--	--
#1	2632	--	--	--	--	--	--
#2	2643	--	--	--	--	--	--

Analysis Report 12/13/05 08:07:07 PM page 1

Method: TRACE2 Sample Name: AD570531 Operator: SW
Run Time: 12/13/05 20:02:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01732	.02255	.05998	.00283	.00002	14.603	-.00004
SDev	.00069	.00091	.00003	.00000	.00001	.022	.00004
%RSD	3.9748	4.0194	.05810	.10122	46.408	.15317	119.16
#1	.01780	.02319	.06001	.00284	.00003	14.587	-.00001
#2	.01683	.02191	.05996	.00283	.00001	14.618	-.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00015	.00021	-.00067	.01530	2.5095	3.0976	.02736
SDev	.00000	.00007	.00027	.00337	.0152	.0086	.00009
%RSD	2.5007	35.223	40.263	22.044	.60692	.27849	.31030
#1	-.00016	.00016	-.00048	.01768	2.5203	3.1037	.02730
#2	-.00015	.00027	-.00086	.01291	2.4987	3.0915	.02742
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00372	10.441	.00095	.00205	.00115	.00145	-.00245
SDev	.00005	.060	.00022	.00072	.00237	.00182	.00070
%RSD	1.3083	.57022	23.558	35.261	205.78	125.55	28.456
#1	.00375	10.399	.00079	.00154	-.00052	.00016	-.00196
#2	.00368	10.483	.00111	.00256	.00283	.00274	-.00295
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00337	.00054	-.00395	.00019	-.00068	.00022	.00027
SDev	.00064	.00330	.00060	.00015	.00015	.00021	.00000
%RSD	18.842	607.81	15.225	78.121	22.711	96.916	1.3443
#1	.00382	.00288	-.00438	.00030	-.00057	.00037	.00027
#2	.00292	-.00179	-.00353	.00009	-.00078	.00007	.00026
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00030	.00019
SDev	.00028	.00030
%RSD	94.921	157.24
#1	.00010	.00041
#2	.00049	-.00002
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2661	--	--	--	--	--	--
SDev	6.098796	--	--	--	--	--	--
%RSD	.2292274	--	--	--	--	--	--
#1	2656	--	--	--	--	--	--
#2	2665	--	--	--	--	--	--

Analysis Report 12/13/05 08:11:31 PM page 1

Method: TRACE2 Sample Name: AD570532 Operator: SW
Run Time: 12/13/05 20:07:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03818	.01227	.00772	.00103	-.00000	7.9722	-.00014
SDev	.00240	.00075	.00064	.00001	.00000	.0003	.00018
%RSD	6.2880	6.1177	8.2377	.61629	71.651	.00384	125.44
#1	.03648	.01280	.00817	.00103	-.00001	7.9724	-.00027
#2	.03987	.01174	.00727	.00102	-.00000	7.9720	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	-.00004	-.00160	.02241	.63858	3.9458	.13138
SDev	.00015	.00004	.00011	.00671	.01889	.0070	.00011
%RSD	97.355	100.67	7.0200	29.954	2.9587	.17800	.07989
#1	.00026	-.00001	-.00152	.01767	.65194	3.9508	.13145
#2	.00005	-.00006	-.00168	.02716	.62522	3.9409	.13130
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00058	4.3771	.00082	.00050	.00127	.00101	-.00230
SDev	.00006	.0427	.00018	.00006	.00152	.00103	.00072
%RSD	9.4232	.97610	22.336	12.870	119.43	101.92	31.487
#1	.00062	4.3469	.00069	.00045	.00020	.00028	-.00179
#2	.00054	4.4073	.00095	.00055	.00234	.00174	-.00281
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00170	-.00214	-.00238	.00030	-.00166	-.00015	-.00032
SDev	.00183	.00292	.00254	.00004	.00106	.00031	.00000
%RSD	108.08	136.33	106.79	13.141	63.948	204.25	.50527
#1	.00299	-.00420	-.00058	.00033	-.00241	-.00038	-.00032
#2	.00040	-.00008	-.00418	.00027	-.00091	.00007	-.00032
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00350	.00099
SDev	.00256	.00004
%RSD	73.134	4.2662
#1	.00532	.00102
#2	.00169	.00096
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2656	--	--	--	--	--	--
SDev	3.871479	--	--	--	--	--	--
%RSD	.1457381	--	--	--	--	--	--
#1	2659	--	--	--	--	--	--
#2	2654	--	--	--	--	--	--

Analysis Report 12/13/05 08:15:55 PM page 1

Method: TRACE2 Sample Name: AD570533 Operator: SW
Run Time: 12/13/05 20:11:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01296	.00139	.00605	.00326	-.00000	17.183	-.00025
SDev	.00147	.00087	.00041	.00001	.00001	.022	.00011
%RSD	11.336	62.317	6.7364	.33420	3399.5	.13007	43.957
#1	.01399	.00200	.00634	.00327	.00001	17.199	-.00017
#2	.01192	.00078	.00577	.00325	-.00001	17.167	-.00032
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	.00026	-.00090	.00195	1.1176	13.886	.01397
SDev	.00044	.00010	.00007	.01567	.0129	.004	.00006
%RSD	299.77	37.469	7.4867	801.58	1.1585	.03036	.43709
#1	.00045	.00019	-.00085	.01303	1.1268	13.889	.01402
#2	-.00016	.00032	-.00095	-.00912	1.1085	13.883	.01393
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00021	9.6263	.00168	-.00061	-.00016	-.00031	.00016
SDev	.00015	.0656	.00047	.00008	.00139	.00090	.00001
%RSD	73.195	.68124	28.027	13.587	852.04	287.05	6.1922
#1	.00032	9.5799	.00135	-.00056	-.00115	-.00095	.00017
#2	.00010	9.6727	.00201	-.00067	.00082	.00032	.00015
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00240	.00232	-.00092	-.00004	-.00146	-.00008	.00072
SDev	.00283	.00560	.00279	.00014	.00086	.00021	.00021
%RSD	117.78	241.75	302.45	354.66	59.046	268.88	28.822
#1	.00040	.00628	-.00289	.00006	-.00085	.00007	.00057
#2	.00441	-.00164	.00105	-.00014	-.00208	-.00023	.00087
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00065	-.00004
SDev	.00095	.00009
%RSD	146.83	198.29
#1	-.00002	.00002
#2	.00132	-.00011
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2644	--	--	--	--	--	--
SDev	2.121320	--	--	--	--	--	--
%RSD	.0802345	--	--	--	--	--	--
#1	2642	--	--	--	--	--	--
#2	2645	--	--	--	--	--	--

Analysis Report 12/13/05 08:20:19 PM page 1

Method: TRACE2 Sample Name: AD570534 Operator: SW
Run Time: 12/13/05 20:15:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02572	.02238	.60447	.00203	-.00003	9.5182	.00005
SDev	.00014	.00206	.00138	.00001	.00001	.0037	.00008
%RSD	.54828	9.2196	.22862	.37049	45.733	.03867	161.45
#1	.02582	.02092	.60545	.00202	-.00002	9.5208	-.00001
#2	.02562	.02384	.60349	.00203	-.00004	9.5156	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00021	-.00000	-.00021	.01541	2.6078	7.8219	.01309
SDev	.00014	.00019	.00011	.00109	.0063	.0028	.00005
%RSD	67.068	5812.5	52.571	7.0368	.24209	.03561	.35348
#1	.00032	-.00014	-.00029	.01465	2.6123	7.8199	.01306
#2	.00011	.00013	-.00013	.01618	2.6034	7.8238	.01313
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01849	76.844	.00166	.00220	.00006	.00077	-.00268
SDev	.00007	.166	.00056	.00043	.00085	.00042	.00024
%RSD	.39643	.21662	33.635	19.693	1381.5	54.304	9.0837
#1	.01844	76.962	.00127	.00190	.00066	.00107	-.00286
#2	.01854	76.727	.00206	.00251	-.00054	.00048	-.00251
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00053	-.00175	-.00315	.00013	-.00055	-.00007	.00072
SDev	.00157	.00255	.00091	.00016	.00051	.00000	.00021
%RSD	298.86	145.90	28.848	124.57	91.219	.95378	28.628
#1	-.00059	-.00355	-.00251	.00002	-.00020	-.00007	.00057
#2	.00164	.00006	-.00380	.00025	-.00091	-.00007	.00087
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00410	.00010
SDev	.00128	.00020
%RSD	31.183	204.64
#1	.00500	-.00004
#2	.00320	.00024
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2641	--	--	--	--	--	--
SDev	5.621464	--	--	--	--	--	--
%RSD	.2128435	--	--	--	--	--	--
#1	2637	--	--	--	--	--	--
#2	2645	--	--	--	--	--	--

Analysis Report 12/13/05 08:24:43 PM page 1

Method: TRACE2 Sample Name: AD570535 Operator: SW
Run Time: 12/13/05 20:20:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04159	.02035	.36043	.00375	-.00002	12.356	-.00013
SDev	.00048	.00212	.00042	.00003	.00001	.054	.00018
%RSD	1.1628	10.399	.11577	.79419	39.096	.44003	134.29
#1	.04125	.01885	.36014	.00377	-.00003	12.317	-.00026
#2	.04193	.02184	.36073	.00373	-.00002	12.394	-.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	-.00010	-.00098	.11828	2.5707	8.3342	.17109
SDev	.00039	.00033	.00000	.00440	.0140	.0150	.00040
%RSD	326.85	329.29	.03548	3.7194	.54503	.17943	.23626
#1	-.00016	-.00033	-.00098	.11517	2.5806	8.3236	.17080
#2	.00039	.00013	-.00098	.12139	2.5608	8.3448	.17138
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00512	25.991	.00152	.00155	.00027	.00070	-.00256
SDev	.00053	.091	.00032	.00228	.00097	.00011	.00171
%RSD	10.305	.34982	21.208	146.78	360.01	15.825	66.616
#1	.00475	26.056	.00129	.00316	-.00042	.00077	-.00377
#2	.00550	25.927	.00175	-.00006	.00096	.00062	-.00136
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00102	-.00057	-.00356	.00058	-.00193	-.00001	.00042
SDev	.00040	.00006	.00253	.00006	.00033	.00031	.00021
%RSD	39.317	9.8834	71.171	10.035	17.071	4740.1	49.764
#1	-.00130	-.00061	-.00535	.00054	-.00216	-.00023	.00027
#2	-.00074	-.00053	-.00177	.00062	-.00170	.00022	.00057
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00606	.00028
SDev	.00197	.00009
%RSD	32.430	30.474
#1	.00467	.00035
#2	.00745	.00022
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2661	--	--	--	--	--	--
SDev	1.007662	--	--	--	--	--	--
%RSD	.0378715	--	--	--	--	--	--
#1	2660	--	--	--	--	--	--
#2	2661	--	--	--	--	--	--

Analysis Report 12/13/05 08:29:07 PM page 1

Method: TRACE2 Sample Name: AD570536 Operator: SW
Run Time: 12/13/05 20:24:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02537	.00307	.07407	.01077	.00002	22.069	-.00017
SDev	.00115	.00023	.00117	.00003	.00001	.012	.00017
%RSD	4.5359	7.5929	1.5757	.26958	47.836	.05551	97.507
#1	.02456	.00290	.07489	.01075	.00001	22.078	-.00005
#2	.02619	.00323	.07324	.01080	.00002	22.061	-.00029
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00020	.00009	-.00176	.01458	2.3001	15.325	.08616
SDev	.00015	.00050	.00002	.01118	.0101	.020	.00009
%RSD	75.644	548.57	1.3459	76.720	.43923	.13229	.10442
#1	-.00009	-.00026	-.00174	.00667	2.3072	15.339	.08622
#2	-.00030	.00044	-.00177	.02248	2.2930	15.310	.08610
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00214	13.177	.00161	.00078	.00149	.00125	-.00165
SDev	.00109	.028	.00011	.00232	.00117	.00155	.00106
%RSD	50.930	.21382	6.8040	298.31	78.434	124.00	64.198
#1	.00137	13.157	.00169	.00242	.00231	.00235	-.00090
#2	.00291	13.196	.00154	-.00086	.00066	.00015	-.00241
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00075	-.00249	-.00124	.00011	.00075	.00007	.00235
SDev	.00148	.00243	.00038	.00003	.00254	.00042	.00041
%RSD	197.42	97.747	30.511	26.570	340.02	598.64	17.634
#1	.00180	-.00077	-.00097	.00009	.00254	-.00023	.00264
#2	-.00030	-.00421	-.00151	.00013	-.00105	.00037	.00205
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00224	.00001
SDev	.00052	.00002
%RSD	23.404	186.27
#1	.00261	.00002
#2	.00187	-.00000
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2650	--	--	--	--	--	--
SDev	4.083473	--	--	--	--	--	--
%RSD	.1540664	--	--	--	--	--	--
#1	2653	--	--	--	--	--	--
#2	2648	--	--	--	--	--	--

Analysis Report 12/13/05 08:33:31 PM page 1

Method: TRACE2 Sample Name: AD570537 Operator: SW
Run Time: 12/13/05 20:29:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12236	.00022	.00509	.00623	-.00001	8.1233	-.00021
SDev	.00098	.00213	.00040	.00005	.00001	.0277	.00008
%RSD	.80423	986.88	7.7712	.72245	119.15	.34084	35.815
#1	.12305	.00172	.00537	.00626	-.00000	8.1429	-.00016
#2	.12166	-.00129	.00481	.00620	-.00002	8.1037	-.00026
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00014	.00013	-.00079	.10148	.71486	10.798	.00445
SDev	.00005	.00019	.00009	.00210	.01267	.037	.00011
%RSD	32.922	151.72	11.377	2.0681	1.7723	.33942	2.3709
#1	.00018	.00026	-.00073	.10000	.72382	10.824	.00452
#2	.00011	-.00001	-.00085	.10297	.70590	10.772	.00437
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	6.1303	.00180	-.00066	-.00021	-.00036	-.00091
SDev	.00063	.1310	.00005	.00030	.00065	.00053	.00007
%RSD	284.83	2.1371	2.9854	45.012	317.66	150.03	8.0251
#1	.00067	6.2229	.00177	-.00045	.00026	.00002	-.00096
#2	-.00022	6.0376	.00184	-.00086	-.00067	-.00073	-.00085
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00097	.00121	-.00196	.00260	-.00127	-.00008	.00547
SDev	.00013	.00302	.00140	.00007	.00235	.00000	.00020
%RSD	13.841	250.11	71.471	2.7082	185.38	.87288	3.6808
#1	-.00087	-.00093	-.00097	.00265	.00039	-.00008	.00533
#2	-.00106	.00335	-.00296	.00255	-.00293	-.00008	.00561
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00320	.00030
SDev	.00054	.00010
%RSD	16.753	34.459
#1	.00282	.00037
#2	.00358	.00022
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2648	--	--	--	--	--	--
SDev	3.500144	--	--	--	--	--	--
%RSD	.1321869	--	--	--	--	--	--
#1	2645	--	--	--	--	--	--
#2	2650	--	--	--	--	--	--

Analysis Report QC Standard 12/13/05 08:39:15 PM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 12/13/05 20:34:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.332	.48870	.46582	.49378	.49404	24.840	.47566
SDev	.039	.00486	.00057	.00030	.00064	.056	.00017
%RSD	.15516	.99373	.12234	.06183	.13057	.22632	.03636
#1	25.360	.49214	.46541	.49400	.49358	24.801	.47578
#2	25.304	.48527	.46622	.49356	.49450	24.880	.47554
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48088	.48642	.51207	24.222	25.110	24.557	.49434
SDev	.00084	.00035	.00010	.005	.108	.012	.00060
%RSD	.17491	.07154	.01976	.02050	.42895	.04757	.12089
#1	.48029	.48618	.51214	24.219	25.186	24.565	.49476
#2	.48148	.48667	.51199	24.226	25.034	24.549	.49391
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48654	25.458	.48949	.48828	.49360	.49183	.49671
SDev	.00193	.010	.00053	.00180	.00292	.00135	.00261
%RSD	.39572	.03781	.10909	.36793	.59195	.27462	.52578
#1	.48518	25.452	.48911	.48955	.49154	.49087	.49486
#2	.48790	25.465	.48987	.48701	.49567	.49278	.49856
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49269	.49929	.49543	.51192	.51425	.49682	.48387
SDev	.00485	.00224	.00504	.00067	.00035	.00094	.00159
%RSD	.98546	.44824	1.0166	.13056	.06753	.18984	.32859
#1	.48925	.50087	.49187	.51239	.51400	.49615	.48275
#2	.49612	.49770	.49899	.51145	.51449	.49749	.48500
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.49697	.49159
SDev	.00338	.00063
%RSD	.67999	.12819
#1	.49936	.49115
#2	.49458	.49204
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2632	--	--	--	--	--	--
SDev	3.977476	--	--	--	--	--	--
%RSD	.1511149	--	--	--	--	--	--
#1	2629	--	--	--	--	--	--
#2	2635	--	--	--	--	--	--

Analysis Report Blank Sample 12/13/05 08:43:39 PM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 12/13/05 20:39:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02648	.00071	.00051	.00021	.00018	.00846	.00006
SDev	.00015	.00270	.00001	.00000	.00000	.00212	.00001
%RSD	.56184	380.63	1.9209	2.1060	1.0667	25.078	14.949
#1	.02659	-.00120	.00051	.00022	.00018	.00996	.00007
#2	.02638	.00262	.00052	.00021	.00018	.00696	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00029	.00008	-.00127	.01299	.01188	.01835	.00025
SDev	.00024	.00019	.00013	.00449	.00995	.00307	.00002
%RSD	85.663	255.72	10.603	34.515	83.717	16.713	9.6083
#1	.00011	.00021	-.00117	.01617	.01891	.02052	.00024
#2	.00046	-.00006	-.00136	.00982	.00485	.01618	.00027
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00169	.01227	.00066	.00198	.00029	.00085	-.00223
SDev	.00008	.00926	.00010	.00334	.00219	.00035	.00042
%RSD	4.7036	75.480	14.367	168.72	762.17	41.008	18.777
#1	.00174	.01882	.00060	.00434	-.00126	.00060	-.00253
#2	.00163	.00572	.00073	-.00038	.00184	.00110	-.00193
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00577	-.00274	-.00198	.00057	.00015	.00007	-.00077
SDev	.00203	.00058	.00092	.00008	.00047	.00042	.00021
%RSD	35.122	21.114	46.422	14.018	315.94	603.14	27.325
#1	.00720	-.00233	-.00262	.00063	-.00018	-.00023	-.00091
#2	.00434	-.00315	-.00133	.00051	.00048	.00037	-.00062
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00095	.00055
SDev	.00039	.00006
%RSD	40.899	10.451
#1	.00068	.00051
#2	.00123	.00059
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2650	--	--	--	--	--	--
SDev	2.916815	--	--	--	--	--	--
%RSD	.1100804	--	--	--	--	--	--
#1	2648	--	--	--	--	--	--
#2	2652	--	--	--	--	--	--

Analysis Report 12/13/05 08:48:03 PM page 1

Method: TRACE2 Sample Name: AD570538 Operator: SW
Run Time: 12/13/05 20:43:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0060	.00197	.04825	.11169	.00035	102.82	.00078
SDev	.0108	.00118	.00005	.00036	.00000	.21	.00012
%RSD	.53798	59.904	.10928	.31922	.77075	.20302	15.532
#1	2.0137	.00280	.04821	.11195	.00035	102.97	.00087
#2	1.9984	.00113	.04828	.11144	.00035	102.68	.00069
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04685	.00054	-.00030	.96354	1.4980	10.466	H15.991
SDev	.00006	.00026	.00002	.00261	.0104	.000	.018
%RSD	.12743	47.716	7.4154	.27035	.69462	.00122	.10964
#1	.04689	.00072	-.00028	.96538	1.5054	10.466	H16.003
#2	.04680	.00036	-.00031	.96170	1.4907	10.466	H15.978
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	12.155	.01307	.00168	.00206	.00193	-.00200
SDev	.00025	.006	.00029	.00022	.00147	.00090	.00013
%RSD	219.17	.05092	2.2065	13.254	71.246	46.820	6.7422
#1	-.00029	12.151	.01327	.00152	.00309	.00257	-.00209
#2	.00006	12.159	.01286	.00183	.00102	.00129	-.00190
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00267	-.00382	-.00109	.03723	-.00009	.00320	.01037
SDev	.00049	.00183	.00111	.00096	.00056	.00000	.00020
%RSD	18.487	47.812	102.51	2.5894	631.93	.10454	1.9533
#1	.00302	-.00253	-.00188	.03791	-.00049	.00320	.01052
#2	.00232	-.00511	-.00030	.03655	.00031	.00320	.01023
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00013	.00062
SDev	.00024	.00006
%RSD	193.01	9.4440
#1	.00005	.00066
#2	-.00030	.00058
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2621	--	--	--	--	--	--
SDev	2.121320	--	--	--	--	--	--
%RSD	.0809255	--	--	--	--	--	--
#1	2623	--	--	--	--	--	--
#2	2620	--	--	--	--	--	--

Analysis Report 12/13/05 08:52:27 PM page 1

Method: TRACE2 Sample Name: AD570539 Operator: SW
Run Time: 12/13/05 20:48:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47437	.00155	.00542	.08025	.00052	35.826	.00017
SDev	.00049	.00184	.00076	.00019	.00000	.050	.00014
%RSD	.10386	118.74	14.071	.23493	.85530	.14081	85.123
#1	.47402	.00025	.00596	.08038	.00052	35.862	.00007
#2	.47472	.00285	.00488	.08011	.00052	35.791	.00027
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01933	.00060	-.00059	1.8167	.93360	3.2545	.33066
SDev	.00044	.00010	.00016	.0054	.00637	.0026	.00007
%RSD	2.2895	16.160	26.530	.29471	.68216	.07965	.02163
#1	.01902	.00053	-.00070	1.8205	.93810	3.2563	.33061
#2	.01964	.00067	-.00048	1.8129	.92909	3.2526	.33071
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	14.397	.00666	.00136	.00176	.00163	-.00333
SDev	.00067	.013	.00014	.00206	.00192	.00059	.00049
%RSD	195.43	.09092	2.1582	151.63	108.90	36.357	14.692
#1	-.00013	14.407	.00676	.00282	.00041	.00121	-.00367
#2	.00082	14.388	.00656	-.00010	.00312	.00205	-.00298
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00061	-.00288	-.00355	.00497	-.00083	.00086	.01422
SDev	.00005	.00015	.00081	.00016	.00382	.00011	.00021
%RSD	7.3475	5.3395	22.829	3.1870	460.92	12.284	1.4943
#1	.00064	-.00278	-.00412	.00508	.00187	.00093	.01407
#2	.00058	-.00299	-.00298	.00486	-.00353	.00078	.01437
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00392	.00019
SDev	.00041	.00002
%RSD	10.576	7.5757
#1	.00362	.00020
#2	.00421	.00018
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2636	--	--	--	--	--	--
SDev	.3711620	--	--	--	--	--	--
%RSD	.0140794	--	--	--	--	--	--
#1	2636	--	--	--	--	--	--
#2	2636	--	--	--	--	--	--

Analysis Report 12/13/05 08:56:51 PM page 1

Method: TRACE2 Sample Name: AD570540 Operator: SW
Run Time: 12/13/05 20:52:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.27173	.00210	.00731	.12476	.00013	4.6681	-.00006
SDev	.00003	.00153	.00054	.00020	.00001	.0047	.00001
%RSD	.01145	73.001	7.3517	.16386	6.3718	.10019	10.357
#1	.27176	.00102	.00693	.12461	.00014	4.6648	-.00007
#2	.27171	.00318	.00769	.12490	.00013	4.6714	-.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00206	.00027	-.00074	.06262	2.4027	2.7872	.00827
SDev	.00024	.00021	.00011	.00356	.0046	.0066	.00005
%RSD	11.702	78.677	14.786	5.6871	.19181	.23744	.64396
#1	.00189	.00042	-.00082	.06514	2.4060	2.7825	.00830
#2	.00223	.00012	-.00067	.06010	2.3995	2.7919	.00823
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	.75363	.00256	.00270	.00166	.00201	-.00285
SDev	.00033	.06498	.00000	.00024	.00096	.00056	.00085
%RSD	150.92	8.6217	.05185	8.7847	57.613	27.863	29.782
#1	.00045	.70768	.00256	.00253	.00234	.00240	-.00345
#2	-.00001	.79957	.00256	.00287	.00098	.00161	-.00225
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00144	.00008	-.00431	.00154	.00112	-.00008	.00471
SDev	.00049	.00131	.00062	.00025	.00057	.00042	.00002
%RSD	33.833	1633.2	14.349	16.311	50.511	510.55	.42029
#1	.00110	-.00084	-.00475	.00172	.00072	-.00038	.00473
#2	.00179	.00100	-.00387	.00136	.00152	.00021	.00470
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00286	.00002
SDev	.00096	.00035
%RSD	33.402	1817.7
#1	.00354	.00026
#2	.00218	-.00023
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2655	--	--	--	--	--	--
SDev	8.909442	--	--	--	--	--	--
%RSD	.3356196	--	--	--	--	--	--
#1	2648	--	--	--	--	--	--
#2	2661	--	--	--	--	--	--

Analysis Report 12/13/05 09:01:15 PM page 1

Method: TRACE2 Sample Name: AD570541 Operator: SW
Run Time: 12/13/05 20:56:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02025	.02458	.01038	.29047	.00017	173.61	L-.00169
SDev	.00242	.00294	.00032	.00038	.00001	.37	.00011
%RSD	11.929	11.957	3.1309	.13222	2.8638	.21299	6.6110
#1	.01854	.02250	.01015	.29020	.00017	173.35	L-.00161
#2	.02196	.02665	.01061	.29074	.00016	173.87	L-.00177
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02497	-.00041	-.00137	23.565	.81851	3.2438	8.1454
SDev	.00019	.00033	.00021	.013	.00565	.0052	.0039
%RSD	.77037	80.216	15.000	.05361	.68983	.16111	.04827
#1	.02511	-.00018	-.00122	23.556	.82250	3.2475	8.1482
#2	.02483	-.00064	-.00151	23.574	.81452	3.2401	8.1426
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00170	15.015	.01370	.00228	.00021	.00090	-.00178
SDev	.00077	.066	.00036	.00039	.00018	.00001	.00126
%RSD	45.377	.44168	2.6011	17.273	84.135	1.2565	70.976
#1	.00115	15.062	.01344	.00200	.00034	.00089	-.00089
#2	.00224	14.968	.01395	.00255	.00009	.00091	-.00267
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00127	.00094	-.00314	.00009	-.00545	.00042	.00661
SDev	.00178	.00368	.00005	.00006	.00229	.00011	.00020
%RSD	140.65	390.41	1.6348	63.556	42.044	25.901	3.0428
#1	.00001	.00355	-.00310	.00013	-.00383	.00050	.00647
#2	.00252	-.00166	-.00318	.00005	-.00707	.00034	.00675
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00519	.00044
SDev	.00080	.00007
%RSD	15.502	16.559
#1	.00576	.00039
#2	.00462	.00049
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2607	--	--	--	--	--	--
SDev	4.879140	--	--	--	--	--	--
%RSD	.1871823	--	--	--	--	--	--
#1	2603	--	--	--	--	--	--
#2	2610	--	--	--	--	--	--

Analysis Report 12/13/05 09:05:39 PM page 1

Method: TRACE2 Sample Name: AD570542 Operator: SW
Run Time: 12/13/05 21:01:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.26278	.00287	.02098	.10829	.00016	117.41	.00246
SDev	.00102	.00125	.00056	.00033	.00001	.31	.00000
%RSD	.38660	43.622	2.6712	.30841	5.8094	.26570	.14438
#1	.26350	.00198	.02059	.10852	.00016	117.63	.00246
#2	.26206	.00375	.02138	.10805	.00015	117.19	.00246
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04835	.00062	-.00184	12.579	2.2106	5.6577	1.2939
SDev	.00033	.00010	.00012	.009	.0151	.0251	.0025
%RSD	.67599	16.066	6.2820	.07426	.68267	.44432	.19213
#1	.04811	.00070	-.00193	12.586	2.2213	5.6755	1.2957
#2	.04858	.00055	-.00176	12.573	2.1999	5.6400	1.2922
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00016	9.1988	.01615	.00101	-.00057	-.00004	-.00159
SDev	.00106	.1010	.00031	.00056	.00178	.00138	.00268
%RSD	664.43	1.0981	1.8941	55.558	313.25	3297.0	168.26
#1	.00059	9.2703	.01637	.00062	-.00183	-.00101	-.00349
#2	-.00091	9.1274	.01594	.00141	.00069	.00093	.00030
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00049	-.00204	-.00137	.00391	-.00284	.00072	.02192
SDev	.00273	.00565	.00120	.00026	.00138	.00021	.00008
%RSD	562.10	277.52	87.180	6.5830	48.617	28.928	.36459
#1	-.00242	-.00604	-.00222	.00373	-.00381	.00057	.02198
#2	.00145	.00196	-.00053	.00410	-.00186	.00087	.02186
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00229	.00005
SDev	.00200	.00022
%RSD	87.409	468.50
#1	.00370	.00020
#2	.00087	-.00011
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2611	--	--	--	--	--	--
SDev	9.227778	--	--	--	--	--	--
%RSD	.3534633	--	--	--	--	--	--
#1	2604	--	--	--	--	--	--
#2	2617	--	--	--	--	--	--

Analysis Report 12/13/05 09:10:04 PM page 1

Method: TRACE2 Sample Name: AD570564/(1:5) Operator: SW
Run Time: 12/13/05 21:05:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05345	.00700	.01431	.46170	.00018	282.18	-.00008
SDev	.00070	.00232	.00026	.00097	.00001	.67	.00005
%RSD	1.3163	33.085	1.8129	.20989	7.7435	.23671	57.715
#1	.05395	.00864	.01450	.46238	.00019	282.65	-.00012
#2	.05296	.00536	.01413	.46101	.00017	281.71	-.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00209	.00406	-.00127	.06071	11.914	.03436	.00389
SDev	.00010	.00028	.00009	.01361	.009	.00032	.00009
%RSD	4.7047	6.9623	7.2533	22.425	.07604	.93707	2.3463
#1	.00202	.00386	-.00134	.05108	11.921	.03459	.00395
#2	.00216	.00426	-.00121	.07034	11.908	.03413	.00382
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01382	81.633	.00500	.00107	.00043	.00065	-.00068
SDev	.00032	.035	.00029	.00014	.00034	.00018	.00219
%RSD	2.3270	.04258	5.8609	13.334	77.659	27.448	322.84
#1	.01359	81.609	.00520	.00097	.00067	.00077	.00087
#2	.01404	81.658	.00479	.00117	.00020	.00052	-.00223
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00150	-.00110	-.00047	.00092	-.00088	-.00006	.00476
SDev	.00033	.00030	.00314	.00003	.00097	.00022	.00063
%RSD	22.174	26.909	668.65	3.0191	109.36	332.61	13.223
#1	.00174	-.00089	.00175	.00094	-.00020	-.00022	.00431
#2	.00127	-.00131	-.00269	.00090	-.00157	.00009	.00520
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00155	-.00027
SDev	.00004	.00016
%RSD	2.3030	59.626
#1	.00153	-.00016
#2	.00158	-.00039
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2566	--	--	--	--	--	--
SDev	9.015612	--	--	--	--	--	--
%RSD	.3513112	--	--	--	--	--	--
#1	2560	--	--	--	--	--	--
#2	2573	--	--	--	--	--	--

Analysis Report 12/13/05 09:14:28 PM page 1

Method: TRACE2 Sample Name: AD570565/(1:5) Operator: SW
Run Time: 12/13/05 21:10:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02326	.00607	.01414	.35143	.00020	307.49	-.00001
SDev	.00094	.00037	.00061	.00046	.00002	.27	.00006
%RSD	4.0223	6.0527	4.3114	.13108	7.4691	.08626	372.55
#1	.02260	.00581	.01371	.35176	.00021	307.68	.00002
#2	.02392	.00633	.01458	.35111	.00019	307.30	-.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00173	.07967	-.00023	.06648	11.508	.07026	.00239
SDev	.00005	.00022	.00000	.00371	.029	.00203	.00001
%RSD	2.9430	.27223	1.7502	5.5885	.24990	2.8969	.40881
#1	.00177	.07952	-.00023	.06910	11.528	.07170	.00239
#2	.00170	.07983	-.00023	.06385	11.487	.06882	.00238
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02150	73.310	.00359	.00256	.00131	.00173	-.00003
SDev	.00025	.152	.00044	.00190	.00117	.00141	.00114
%RSD	1.1640	.20783	12.147	74.204	89.204	81.794	3776.4
#1	.02132	73.418	.00390	.00390	.00213	.00272	-.00084
#2	.02167	73.203	.00328	.00122	.00048	.00073	.00078
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00068	-.00129	.00060	.00012	-.00237	-.00006	.00884
SDev	.00135	.00152	.00096	.00013	.00407	.00022	.00004
%RSD	197.79	117.50	159.50	107.88	171.58	353.92	.43211
#1	.00164	-.00236	-.00008	.00022	.00051	-.00021	.00887
#2	-.00027	-.00022	.00128	.00003	-.00525	.00009	.00881
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00113	.00001
SDev	.00068	.00000
%RSD	59.854	5.9133
#1	.00161	.00001
#2	.00065	.00001
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2565	--	--	--	--	--	--
SDev	9.598940	--	--	--	--	--	--
%RSD	.3742112	--	--	--	--	--	--
#1	2558	--	--	--	--	--	--
#2	2572	--	--	--	--	--	--

Analysis Report 12/13/05 09:18:52 PM page 1

Method: TRACE2 Sample Name: AD570566/(1:5) Operator: SW
Run Time: 12/13/05 21:14:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08646	.00855	.03802	.20481	.00016	218.11	-.00016
SDev	.00158	.00051	.00043	.00037	.00000	.45	.00016
%RSD	1.8305	5.9138	1.1405	.18126	1.6435	.20433	99.155
#1	.08758	.00819	.03772	.20454	.00015	217.80	-.00005
#2	.08534	.00891	.03833	.20507	.00016	218.43	-.00027
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00109	.01189	-.00150	.05205	12.798	.13559	.00306
SDev	.00015	.00029	.00018	.00223	.004	.00014	.00003
%RSD	13.765	2.4092	12.161	4.2897	.03100	.09944	.92945
#1	.00098	.01209	-.00137	.05047	12.801	.13569	.00308
#2	.00119	.01169	-.00163	.05362	12.795	.13550	.00304
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02571	97.707	.00580	.00383	-.00014	.00118	-.00415
SDev	.00034	.064	.00069	.00079	.00086	.00031	.00201
%RSD	1.3088	.06501	11.830	20.584	608.73	26.597	48.457
#1	.02595	97.662	.00629	.00327	.00047	.00140	-.00557
#2	.02547	97.752	.00532	.00439	-.00075	.00096	-.00273
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00151	-.00540	-.00352	.00177	-.00205	.00024	.00105
SDev	.00087	.00110	.00247	.00016	.00074	.00000	.00021
%RSD	57.834	20.294	70.062	8.8643	36.229	.30338	20.215
#1	.00089	-.00617	-.00526	.00188	-.00258	.00024	.00090
#2	.00212	-.00462	-.00178	.00166	-.00153	.00024	.00120
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00291	.00026
SDev	.00026	.00016
%RSD	8.9483	63.914
#1	.00272	.00014
#2	.00309	.00037
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2592	--	--	--	--	--	--
SDev	2.439484	--	--	--	--	--	--
%RSD	.0941186	--	--	--	--	--	--
#1	2590	--	--	--	--	--	--
#2	2594	--	--	--	--	--	--

Analysis Report 12/13/05 09:23:17 PM page 1

Method: TRACE2 Sample Name: AD570568/(1:5) Operator: SW
Run Time: 12/13/05 21:18:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20211	.00149	.09713	.11694	.00009	98.898	-.00017
SDev	.00029	.00205	.00072	.00026	.00001	.313	.00013
%RSD	.14138	137.69	.74383	.22346	15.087	.31599	72.948
#1	.20231	.00004	.09764	.11712	.00010	99.119	-.00008
#2	.20191	.00294	.09662	.11675	.00008	98.677	-.00026
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00018	.00283	-.00185	.05692	36.422	.05447	.00145
SDev	.00014	.00010	.00007	.00488	.044	.00328	.00003
%RSD	78.207	3.5610	3.9015	8.5830	.11977	6.0181	2.3895
#1	.00028	.00276	-.00190	.06037	36.453	.05679	.00147
#2	.00008	.00290	-.00180	.05346	36.391	.05216	.00142
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03926	144.64	.00452	.00138	-.00018	.00034	-.00041
SDev	.00069	.03	.00003	.00145	.00159	.00155	.00055
%RSD	1.7555	.01829	.57690	105.01	884.31	454.43	134.80
#1	.03975	144.66	.00453	.00241	.00095	.00143	-.00002
#2	.03877	144.62	.00450	.00036	-.00131	-.00075	-.00080
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00176	-.00049	-.00037	.00085	-.00182	.00063	.00151
SDev	.00118	.00046	.00106	.00008	.00019	.00033	.00041
%RSD	67.091	93.646	284.64	9.0489	10.240	52.125	27.391
#1	.00092	-.00081	.00038	.00090	-.00168	.00086	.00122
#2	.00259	-.00017	-.00112	.00080	-.00195	.00040	.00180
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00210	.00017
SDev	.00068	.00040
%RSD	32.313	232.19
#1	.00162	.00046
#2	.00257	-.00011
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2591	--	--	--	--	--	--
SDev	14.31891	--	--	--	--	--	--
%RSD	.5526350	--	--	--	--	--	--
#1	2581	--	--	--	--	--	--
#2	2601	--	--	--	--	--	--

Analysis Report 12/13/05 09:27:41 PM page 1

Method: TRACE2 Sample Name: AD570571/(1:5) Operator: SW
Run Time: 12/13/05 21:23:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02706	.01019	.00714	.15381	.00011	150.63	-.00003
SDev	.00180	.00182	.00005	.00044	.00000	.17	.00012
%RSD	6.6478	17.857	.71542	.28417	.65909	.11359	394.47
#1	.02834	.00890	.00717	.15412	.00011	150.75	-.00011
#2	.02579	.01147	.00710	.15350	.00012	150.51	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00328	.00333	.01976	.07601	20.390	.03080	.00090
SDev	.00005	.00008	.00029	.00347	.048	.00192	.00000
%RSD	1.5350	2.3399	1.4828	4.5678	.23755	6.2464	.03851
#1	.00325	.00339	.01996	.07355	20.424	.02944	.00090
#2	.00332	.00328	.01955	.07846	20.356	.03216	.00090
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03452	184.27	.00978	.01512	.01403	.01439	-.00201
SDev	.00034	.11	.00024	.00064	.00034	.00001	.00019
%RSD	.99017	.06129	2.4384	4.2509	2.4120	.08104	9.2712
#1	.03476	184.35	.00995	.01557	.01379	.01438	-.00188
#2	.03428	184.19	.00961	.01466	.01427	.01440	-.00214
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00075	.00067	-.00335	.00010	.00061	.00033	.69088
SDev	.00125	.00556	.00306	.00014	.00316	.00011	.00065
%RSD	166.04	834.12	91.276	137.88	516.16	33.090	.09403
#1	.00163	-.00326	-.00119	.00000	.00285	.00025	.69134
#2	-.00013	.00460	-.00551	.00020	-.00162	.00040	.69042
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00252	.00010
SDev	.00212	.00033
%RSD	84.144	337.98
#1	.00102	-.00014
#2	.00402	.00033
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2573	--	--	--	--	--	--
SDev	.7954952	--	--	--	--	--	--
%RSD	.0309145	--	--	--	--	--	--
#1	2574	--	--	--	--	--	--
#2	2573	--	--	--	--	--	--

Analysis Report QC Standard 12/13/05 09:33:24 PM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 12/13/05 21:29:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.492	.49172	.46442	.49668	.49806	25.089	.47687
SDev	.003	.00003	.00156	.00051	.00096	.038	.00058
%RSD	.01173	.00621	.33634	.10351	.19276	.15258	.12140
#1	25.494	.49174	.46332	.49632	.49738	25.062	.47646
#2	25.489	.49170	.46553	.49704	.49874	25.116	.47728
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48257	.48773	.51474	24.254	25.012	24.716	.49459
SDev	.00053	.00008	.00006	.013	.058	.044	.00038
%RSD	.10998	.01669	.01134	.05254	.23306	.17876	.07729
#1	.48220	.48778	.51470	24.263	25.053	24.685	.49432
#2	.48295	.48767	.51478	24.245	24.970	24.747	.49486
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48860	25.505	.49049	.48943	.50127	.49733	.49966
SDev	.00321	.024	.00118	.00279	.00224	.00242	.00211
%RSD	.65804	.09533	.24061	.56962	.44668	.48697	.42224
#1	.48632	25.523	.48966	.48746	.49969	.49562	.49817
#2	.49087	25.488	.49133	.49141	.50285	.49904	.50115
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49644	.49598	.50150	.51530	.51853	.50021	.48873
SDev	.00540	.00288	.00172	.00117	.00498	.00002	.00027
%RSD	1.0886	.58136	.34356	.22781	.96141	.00396	.05459
#1	.49262	.49395	.50028	.51447	.51501	.50020	.48855
#2	.50026	.49802	.50272	.51613	.52206	.50022	.48892
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.49773	.49433
SDev	.00099	.00002
%RSD	.19859	.00448
#1	.49843	.49431
#2	.49703	.49434
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2629	--	--	--	--	--	--
SDev	9.917104	--	--	--	--	--	--
%RSD	.3771855	--	--	--	--	--	--
#1	2622	--	--	--	--	--	--
#2	2636	--	--	--	--	--	--

Analysis Report Blank Sample 12/13/05 09:37:49 PM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 12/13/05 21:33:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03805	.00137	.00115	.00030	.00026	.01589	.00018
SDev	.00005	.00117	.00028	.00003	.00002	.00137	.00018
%RSD	.13094	85.026	24.000	9.7117	8.1262	8.6564	101.07
#1	.03801	.00220	.00095	.00028	.00027	.01686	.00005
#2	.03808	.00055	.00134	.00032	.00024	.01492	.00030
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	.00003	-.00176	.02086	.00573	.02213	.00044
SDev	.00000	.00013	.00011	.00449	.00794	.00105	.00005
%RSD	1.5177	399.57	6.3156	21.513	138.41	4.7508	11.338
#1	.00012	.00013	-.00183	.01769	.01134	.02139	.00041
#2	.00011	-.00006	-.00168	.02403	.00012	.02288	.00048
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00210	.01159	.00027	.00260	-.00078	.00035	.00023
SDev	.00040	.00314	.00044	.00096	.00046	.00062	.00118
%RSD	19.211	27.063	159.15	36.792	58.338	179.98	519.68
#1	.00181	.00937	-.00003	.00328	-.00046	.00079	.00106
#2	.00238	.01381	.00058	.00193	-.00110	-.00009	-.00061
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00506	.00167	-.00049	.00059	-.00083	.00007	-.00077
SDev	.00066	.00292	.00031	.00004	.00321	.00021	.00021
%RSD	13.106	175.15	62.118	6.6496	385.58	303.32	27.241
#1	.00553	.00373	-.00028	.00062	.00144	-.00008	-.00062
#2	.00459	-.00040	-.00071	.00056	-.00311	.00022	-.00091
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00159	.00053
SDev	.00048	.00012
%RSD	30.165	21.763
#1	.00192	.00061
#2	.00125	.00045
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2653	--	--	--	--	--	--
SDev	3.553142	--	--	--	--	--	--
%RSD	.1339172	--	--	--	--	--	--
#1	2656	--	--	--	--	--	--
#2	2651	--	--	--	--	--	--

Analysis Report 12/13/05 09:42:13 PM page 1

Method: TRACE2 Sample Name: AD570572/(1:5) Operator: SW
Run Time: 12/13/05 21:37:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02337	.00242	.01834	.62828	.00028	403.49	-.00012
SDev	.00257	.00121	.00078	.00193	.00002	.43	.00012
%RSD	10.977	49.936	4.2630	.30690	6.5232	.10618	94.367
#1	.02518	.00328	.01889	.62965	.00029	403.79	-.00004
#2	.02156	.00157	.01778	.62692	.00026	403.19	-.00021
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00018	-.00002	-.00163	.00945	12.502	.00560	.00036
SDev	.00005	.00000	.00014	.00579	.027	.00265	.00000
%RSD	26.559	.78727	8.5156	61.301	.21990	47.227	.17739
#1	.00022	-.00002	-.00153	.00535	12.521	.00747	.00036
#2	.00015	-.00002	-.00173	.01354	12.482	.00373	.00036
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01437	36.638	.00215	.00067	.00064	.00065	-.00453
SDev	.00033	.054	.00018	.00129	.00248	.00122	.00418
%RSD	2.3179	.14828	8.4242	192.48	388.38	188.68	92.105
#1	.01461	36.599	.00227	.00158	-.00111	-.00022	-.00158
#2	.01414	36.676	.00202	-.00024	.00239	.00151	-.00749
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00310	-.00890	-.00235	.00001	-.00112	-.00014	.00295
SDev	.00280	.00538	.00357	.00011	.00004	.00011	.00021
%RSD	90.208	60.429	152.04	2238.0	3.7550	79.424	7.2491
#1	.00112	-.00510	.00018	.00009	-.00109	-.00006	.00280
#2	.00507	-.01270	-.00488	-.00008	-.00115	-.00022	.00310
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00209	.00026
SDev	.00036	.00026
%RSD	17.318	100.10
#1	.00234	.00007
#2	.00183	.00044
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2550	--	--	--	--	--	--
SDev	2.810646	--	--	--	--	--	--
%RSD	.1102263	--	--	--	--	--	--
#1	2548	--	--	--	--	--	--
#2	2552	--	--	--	--	--	--

Analysis Report 12/13/05 09:46:37 PM page 1

Method: TRACE2 Sample Name: AD570573/(1:5) Operator: SW
Run Time: 12/13/05 21:42:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02453	.00871	.01808	.47296	.00017	278.35	-.00021
SDev	.00086	.00064	.00029	.00199	.00001	.53	.00001
%RSD	3.5058	7.3090	1.5952	.42050	4.9668	.18993	6.4258
#1	.02514	.00826	.01829	.47437	.00018	278.73	-.00022
#2	.02392	.00916	.01788	.47156	.00016	277.98	-.00020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00234	.00003	-.00056	1.0581	10.075	.01789	.01817
SDev	.00015	.00032	.00028	.0046	.062	.00079	.00009
%RSD	6.3255	933.26	48.884	.43642	.61513	4.4134	.51584
#1	.00223	-.00019	-.00076	1.0549	10.118	.01733	.01810
#2	.00244	.00026	-.00037	1.0614	10.031	.01845	.01824
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02683	74.909	.00302	.00231	.00112	.00151	-.00201
SDev	.00076	.206	.00024	.00340	.00024	.00129	.00002
%RSD	2.8161	.27480	7.8770	146.75	21.901	85.398	1.1796
#1	.02630	75.054	.00318	-.00009	.00094	.00060	-.00202
#2	.02737	74.763	.00285	.00471	.00129	.00243	-.00199
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00016	-.00307	-.00147	.00039	-.00312	-.00008	.38978
SDev	.00162	.00361	.00184	.00015	.00026	.00022	.00133
%RSD	1010.0	117.33	124.89	39.084	8.4689	275.52	.33983
#1	-.00131	-.00052	-.00277	.00028	-.00293	-.00023	.38884
#2	.00099	-.00562	-.00017	.00050	-.00330	.00007	.39072
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00073	.00006
SDev	.00158	.00011
%RSD	216.32	163.17
#1	-.00039	-.00001
#2	.00184	.00014
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2561	--	--	--	--	--	--
SDev	8.379285	--	--	--	--	--	--
%RSD	.3271752	--	--	--	--	--	--
#1	2555	--	--	--	--	--	--
#2	2567	--	--	--	--	--	--

Analysis Report 12/13/05 09:51:02 PM page 1

Method: TRACE2 Sample Name: AD570576/(1:5) Operator: SW
Run Time: 12/13/05 21:46:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00615	.00101	.00969	.00720	.00005	55.511	-.00020
SDev	.00199	.00139	.00057	.00008	.00001	.139	.00021
%RSD	32.389	137.32	5.8370	1.0607	28.061	.25102	106.67
#1	.00474	.00003	.01009	.00725	.00004	55.413	-.00035
#2	.00756	.00199	.00929	.00715	.00005	55.610	-.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00017	.00007	-.00127	.46623	.69784	23.381	.02166
SDev	.00040	.00021	.00014	.00494	.01608	.034	.00009
%RSD	239.29	301.86	10.740	1.0590	2.3047	.14702	.43631
#1	-.00011	-.00008	-.00136	.46972	.70921	23.357	.02173
#2	.00044	.00022	-.00117	.46274	.68646	23.406	.02159
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00058	97.305	.00063	.00165	-.00007	.00050	-.00408
SDev	.00016	.090	.00007	.00059	.00171	.00095	.00196
%RSD	26.751	.09231	11.324	35.830	2466.7	187.57	48.054
#1	.00069	97.242	.00068	.00123	.00114	.00117	-.00269
#2	.00047	97.369	.00058	.00207	-.00128	-.00016	-.00546
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00166	-.00685	-.00269	-.00006	-.00201	-.00024	-.00044
SDev	.00214	.00703	.00058	.00002	.00069	.00021	.00021
%RSD	128.38	102.67	21.395	42.002	34.254	90.589	48.741
#1	.00015	-.00188	-.00310	-.00004	-.00250	-.00039	-.00029
#2	.00317	-.01182	-.00228	-.00007	-.00153	-.00008	-.00059
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00324	.00012
SDev	.00133	.00009
%RSD	40.897	73.703
#1	.00418	.00018
#2	.00230	.00006
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2613	--	--	--	--	--	--
SDev	2.280489	--	--	--	--	--	--
%RSD	.0872609	--	--	--	--	--	--
#1	2612	--	--	--	--	--	--
#2	2615	--	--	--	--	--	--

Analysis Report 12/13/05 09:55:26 PM page 1

Method: TRACE2 Sample Name: AD570581/(1:5) Operator: SW
Run Time: 12/13/05 21:51:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.5011	2.4846	3.4548	7.8439	.22228	.03092	2.2234
SDev	.0011	.0098	.0011	.0158	.00062	.00417	.0042
%RSD	.01402	.39467	.03132	.20192	.27715	13.485	.18914
#1	7.5018	2.4777	3.4556	7.8327	.22185	.03387	2.2204
#2	7.5003	2.4915	3.4541	7.8551	.22272	.02797	2.2263
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.84605	3.8899	1.4243	2.4647	.80488	.00984	8.5113
SDev	.00143	.0067	.0015	.0048	.01098	.00251	.0096
%RSD	.16875	.17248	.10748	.19522	1.3648	25.491	.11316
#1	.84504	3.8851	1.4232	2.4613	.81265	.01162	8.5045
#2	.84706	3.8946	1.4254	2.4681	.79712	.00807	8.5182
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.39702	.09638	3.4762	3.5038	3.5858	3.5584	5.8752
SDev	.00280	.01290	.0057	.0038	.0163	.0121	.0189
%RSD	.70411	13.385	.16316	.10782	.45413	.34058	.32221
#1	.39505	.08726	3.4722	3.5011	3.5742	3.5499	5.8618
#2	.39900	.10550	3.4802	3.5064	3.5973	3.5670	5.8886
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.91984	5.8390	5.8934	-.00005	1.0481	4.7818	3.0898
SDev	.00656	.0053	.0258	.00007	.0146	.0083	.0093
%RSD	.71323	.09015	.43717	131.16	1.3924	.17398	.30234
#1	.91520	5.8353	5.8751	-.00010	1.0378	4.7760	3.0832
#2	.92448	5.8427	5.9116	-.00000	1.0585	4.7877	3.0964
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00364	.55651
SDev	.00107	.00072
%RSD	29.393	.12926
#1	.00288	.55600
#2	.00439	.55701
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2655	--	--	--	--	--	--
SDev	2.810646	--	--	--	--	--	--
%RSD	.1058818	--	--	--	--	--	--
#1	2656	--	--	--	--	--	--
#2	2653	--	--	--	--	--	--

Analysis Report 12/13/05 09:59:50 PM page 1

Method: TRACE2 Sample Name: AD570581 Operator: SW
Run Time: 12/13/05 21:55:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	37.294	12.006	17.042	H37.373	1.0883	.07830	10.694
SDev	.039	.010	.012	.062	.0003	.00045	.011
%RSD	.10472	.08178	.06870	.16705	.02695	.57078	.09957
#1	37.322	12.013	17.034	H37.418	1.0885	.07799	10.686
#2	37.267	11.999	17.051	H37.329	1.0881	.07862	10.701
Errors	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.1556	19.090	7.0772	12.124	4.2291	.01871	H36.810
SDev	.0033	.006	.0127	.017	.0230	.00116	.062
%RSD	.08057	.03342	.17903	.14199	.54437	6.2169	.16950
#1	4.1533	19.085	7.0861	12.112	4.2454	.01954	H36.766
#2	4.1580	19.094	7.0682	12.136	4.2129	.01789	H36.854
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9505	.46409	17.071	17.161	17.613	17.463	28.380
SDev	.0103	.01029	.011	.014	.040	.032	.019
%RSD	.52886	2.2165	.06346	.07920	.22966	.18042	.06744
#1	1.9432	.45681	17.064	17.152	17.585	17.441	28.367
#2	1.9578	.47136	17.079	17.171	17.642	17.485	28.394
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.5629	28.181	28.480	-.00005	5.1241	23.410	H14.779
SDev	.0190	.027	.015	.00023	.0171	.016	.012
%RSD	.41685	.09617	.05323	505.00	.33402	.06755	.07966
#1	4.5494	28.162	28.470	.00012	5.1120	23.421	H14.771
#2	4.5763	28.200	28.491	-.00021	5.1362	23.399	H14.787
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC High
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00088	H3.0493
SDev	.00160	.0027
%RSD	181.01	.08960
#1	.00201	H3.0513
#2	-.00025	H3.0474

Errors	LC Pass	LC High
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2625	--	--	--	--	--	--
SDev	2.916815	--	--	--	--	--	--
%RSD	.1111025	--	--	--	--	--	--
#1	2627	--	--	--	--	--	--
#2	2623	--	--	--	--	--	--

Analysis Report 12/13/05 10:04:15 PM page 1

Method: TRACE2 Sample Name: AD570427/(1:10) Operator: SW
Run Time: 12/13/05 21:59:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.1671	.07329	.11371	5.5473	.00016	8.8392	.13512
SDev	.0088	.00005	.00190	.0255	.00002	.0241	.00018
%RSD	.40747	.06466	1.6707	.45978	11.559	.27249	.12998
#1	2.1734	.07332	.11505	5.5653	.00018	8.8562	.13525
#2	2.1609	.07325	.11236	5.5292	.00015	8.8222	.13500
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01033	.09036	.08398	42.729	.17764	4.0315	.23450
SDev	.00016	.00050	.00005	.064	.01063	.0021	.00063
%RSD	1.5953	.55000	.05751	.15034	5.9860	.05140	.27033
#1	.01044	.09071	.08401	42.775	.18515	4.0301	.23494
#2	.01021	.09001	.08395	42.684	.17012	4.0330	.23405
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00704	.54611	.08398	19.992	20.435	20.288	.01061
SDev	.00209	.04729	.00050	.021	.125	.090	.00127
%RSD	29.646	8.6585	.59633	.10672	.60988	.44476	11.983
#1	.00851	.57955	.08433	20.007	20.523	20.351	.00971
#2	.00556	.51268	.08362	19.977	20.347	20.224	.01150
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.7063	.00964	.01109	.10794	-.00170	.01042	H21.973
SDev	.0259	.00150	.00266	.00232	.00034	.00066	.054
%RSD	.45311	15.569	23.952	2.1470	20.249	6.2971	.24442
#1	5.6881	.01070	.00921	.10630	-.00146	.01088	H22.011
#2	5.7246	.00858	.01297	.10958	-.00194	.00995	H21.935
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC High
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.03204	.00426
SDev	.00081	.00012
%RSD	2.5373	2.9044
#1	.03261	.00435
#2	.03146	.00417
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2627	--	--	--	--	--	--
SDev	4.295812	--	--	--	--	--	--
%RSD	.1635308	--	--	--	--	--	--
#1	2624	--	--	--	--	--	--
#2	2630	--	--	--	--	--	--

Analysis Report 12/13/05 10:08:39 PM page 1

Method: TRACE2 Sample Name: AD570427/L (1:50) Operator: SW
Run Time: 12/13/05 22:04:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44411	.01704	.02409	1.5943	-.00001	1.7907	.02710
SDev	.00107	.00048	.00078	.0016	.00001	.0057	.00028
%RSD	.24119	2.8170	3.2384	.09968	134.18	.31604	1.0522
#1	.44335	.01738	.02464	1.5954	-.00000	1.7867	.02690
#2	.44487	.01670	.02353	1.5932	-.00001	1.7947	.02731
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00197	.01836	.01568	8.6621	.03620	.81170	.04681
SDev	.00029	.00036	.00021	.0025	.00899	.00218	.00002
%RSD	14.705	1.9711	1.3624	.02872	24.848	.26843	.03705
#1	.00177	.01810	.01583	8.6604	.04256	.81016	.04680
#2	.00218	.01861	.01553	8.6639	.02984	.81324	.04682
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00163	.10886	.01706	4.0620	4.1408	4.1146	-.00008
SDev	.00045	.00147	.00021	.0028	.0062	.0032	.00069
%RSD	27.509	1.3514	1.2187	.06979	.14878	.07692	844.47
#1	.00194	.10782	.01721	4.0640	4.1365	4.1123	-.00057
#2	.00131	.10990	.01692	4.0600	4.1452	4.1168	.00041
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2029	.00045	-.00035	.11054	-.00317	.00203	4.5966
SDev	.0011	.00100	.00153	.00030	.00209	.00032	.0091
%RSD	.08933	221.05	441.01	.27296	65.806	16.055	.19756
#1	1.2021	.00115	-.00143	.11076	-.00464	.00226	4.5901
#2	1.2036	-.00025	.00074	.11033	-.00169	.00180	4.6030
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00875	.00133
SDev	.00104	.00014
%RSD	11.869	10.622
#1	.00949	.00123
#2	.00802	.00143
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2642	--	--	--	--	--	--
SDev	8.803445	--	--	--	--	--	--
%RSD	.3332082	--	--	--	--	--	--
#1	2636	--	--	--	--	--	--
#2	2648	--	--	--	--	--	--

Analysis Report 12/13/05 10:13:04 PM page 1

Method: TRACE2 Sample Name: AD570427/PS (1:10) Operator: SW
Run Time: 12/13/05 22:08:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.820	.45385	.46211	5.6570	.37947	27.645	.48851
SDev	.003	.00200	.00037	.0057	.00084	.076	.00099
%RSD	.01670	.44025	.08088	.10164	.22054	.27340	.20248
#1	20.818	.45244	.46238	5.6530	.37888	27.591	.48781
#2	20.822	.45526	.46185	5.6611	.38007	27.698	.48921
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37950	.45101	.46251	58.304	19.333	22.283	.57863
SDev	.00050	.00036	.00006	.053	.001	.032	.00080
%RSD	.13201	.08010	.01358	.09165	.00543	.14454	.13764
#1	.37915	.45075	.46247	58.266	19.334	22.261	.57807
#2	.37986	.45126	.46256	58.342	19.332	22.306	.57920
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37875	20.199	.44623	19.393	19.914	19.740	.38144
SDev	.00274	.007	.00137	.014	.039	.022	.00083
%RSD	.72283	.03405	.30694	.07132	.19805	.10993	.21741
#1	.37681	20.194	.44526	19.403	19.886	19.725	.38203
#2	.38069	20.204	.44720	19.383	19.942	19.756	.38085
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.8657	.38001	.38216	.48752	.39516	.39309	H21.133
SDev	.0454	.00066	.00158	.00059	.00518	.00036	.068
%RSD	.77334	.17466	.41234	.12136	1.3119	.09062	.32306
#1	5.8336	.37954	.38327	.48710	.39149	.39284	H21.085
#2	5.8978	.38048	.38105	.48794	.39882	.39334	H21.182
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC High
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.40327	.10025
SDev	.00148	.00001
%RSD	.36602	.00512
#1	.40222	.10025
#2	.40431	.10024
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2635	--	--	--	--	--	--
SDev	3.977476	--	--	--	--	--	--
%RSD	.1509299	--	--	--	--	--	--
#1	2632	--	--	--	--	--	--
#2	2638	--	--	--	--	--	--

Analysis Report 12/13/05 10:17:28 PM page 1

Method: TRACE2 Sample Name: AD570549 Operator: SW
Run Time: 12/13/05 22:13:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51660	.00558	.03042	.86826	.00030	174.65	L-.00496
SDev	.00290	.00285	.00003	.00409	.00001	.41	.00032
%RSD	.56056	51.069	.09235	.47078	4.0462	.23214	6.3977
#1	.51864	.00357	.03044	.87115	.00031	174.94	L-.00518
#2	.51455	.00760	.03040	.86537	.00029	174.36	L-.00474
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00111	.00316	.00322	76.435	4.4441	33.684	.34863
SDev	.00010	.00006	.00050	.086	.0239	.072	.00060
%RSD	9.0316	1.7696	15.516	.11201	.53732	.21276	.17079
#1	.00104	.00312	.00286	76.496	4.4610	33.735	.34905
#2	.00118	.00320	.00357	76.375	4.4273	33.634	.34821
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00171	6.3674	.00261	.03238	.03231	.03233	-.00180
SDev	.00109	.1061	.00001	.00215	.00091	.00132	.00001
%RSD	63.813	1.6665	.38236	6.6242	2.8226	4.0902	.29615
#1	.00248	6.4425	.00261	.03389	.03296	.03327	-.00180
#2	.00094	6.2924	.00262	.03086	.03167	.03140	-.00179
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04075	-.00061	-.00239	.01206	L-.01511	.00176	.01743
SDev	.00681	.00134	.00066	.00024	.00015	.00011	.00109
%RSD	16.722	220.68	27.697	2.0156	1.0143	6.0085	6.2311
#1	.04557	-.00156	-.00192	.01224	L-.01521	.00168	.01820
#2	.03593	.00034	-.00286	.01189	L-.01500	.00183	.01666
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00659	.00041
SDev	.00068	.00024
%RSD	10.242	57.483
#1	.00707	.00058
#2	.00612	.00024
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2598	--	--	--	--	--	--
SDev	2.174319	--	--	--	--	--	--
%RSD	.0836981	--	--	--	--	--	--
#1	2596	--	--	--	--	--	--
#2	2599	--	--	--	--	--	--

Analysis Report 12/13/05 10:21:53 PM page 1

Method: TRACE2 Sample Name: AD570550 Operator: SW
Run Time: 12/13/05 22:17:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.59483	.00241	.02940	.83921	.00024	165.69	L-.00424
SDev	.00173	.00075	.00007	.00295	.00002	.39	.00024
%RSD	.29084	30.980	.23941	.35093	6.8977	.23246	5.6588
#1	.59606	.00188	.02944	.84130	.00025	165.97	L-.00441
#2	.59361	.00294	.02935	.83713	.00023	165.42	L-.00407
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00104	.00312	.00446	74.313	4.5025	32.319	.33360
SDev	.00020	.00028	.00022	.007	.0181	.045	.00050
%RSD	19.036	8.8817	5.0311	.00915	.40175	.13981	.15079
#1	.00118	.00331	.00430	74.318	4.5153	32.351	.33395
#2	.00090	.00292	.00461	74.309	4.4897	32.287	.33324
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00098	6.0574	.00213	.01891	.01582	.01685	-.00119
SDev	.00021	.0839	.00021	.00007	.00105	.00068	.00009
%RSD	21.811	1.3849	10.070	.36828	6.6525	4.0289	7.7473
#1	.00113	5.9981	.00228	.01886	.01657	.01733	-.00125
#2	.00083	6.1167	.00198	.01896	.01508	.01637	-.00112
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01386	-.00256	-.00050	.01354	L-.01317	.00203	.00735
SDev	.00125	.00437	.00232	.00016	.00244	.00000	.00022
%RSD	8.9830	171.08	463.02	1.2047	18.560	.12700	2.9593
#1	.01474	.00054	-.00215	.01366	L-.01490	.00203	.00750
#2	.01298	-.00565	.00114	.01342	L-.01144	.00202	.00720
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00488	.00056
SDev	.00162	.00021
%RSD	33.183	37.126
#1	.00603	.00071
#2	.00374	.00041
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2598	--	--	--	--	--	--
SDev	1.750158	--	--	--	--	--	--
%RSD	.0673646	--	--	--	--	--	--
#1	2597	--	--	--	--	--	--
#2	2599	--	--	--	--	--	--

Analysis Report QC Standard 12/13/05 10:27:38 PM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 12/13/05 22:23:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.617	.49922	.46670	.50394	.50186	25.323	.47823
SDev	.003	.00116	.00060	.00055	.00114	.064	.00027
%RSD	.01263	.23282	.12822	.10830	.22645	.25409	.05562
#1	25.619	.49840	.46628	.50355	.50106	25.278	.47805
#2	25.615	.50005	.46712	.50432	.50267	25.369	.47842
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48330	.48685	.51764	24.265	25.039	24.775	.49554
SDev	.00023	.00010	.00003	.030	.036	.003	.00079
%RSD	.04854	.02085	.00671	.12248	.14355	.01320	.15874
#1	.48314	.48677	.51761	24.244	25.064	24.777	.49498
#2	.48347	.48692	.51766	24.286	25.014	24.772	.49610
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48955	25.444	.49203	.49113	.50510	.50045	.49920
SDev	.00279	.130	.00121	.00133	.00341	.00272	.00134
%RSD	.57004	.51023	.24626	.27098	.67576	.54348	.26924
#1	.48758	25.536	.49118	.49019	.50269	.49853	.49825
#2	.49152	25.353	.49289	.49207	.50752	.50237	.50015
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50834	.49599	.50081	.51976	.52345	.50425	.49124
SDev	.00189	.00266	.00335	.00088	.00818	.00106	.00138
%RSD	.37245	.53610	.66803	.16902	1.5628	.21004	.28079
#1	.50700	.49787	.49844	.51914	.51767	.50350	.49026
#2	.50968	.49411	.50317	.52039	.52924	.50500	.49221
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.49820	.49665
SDev	.00631	.00048
%RSD	1.2660	.09612
#1	.49374	.49631
#2	.50266	.49699
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2638	--	--	--	--	--	--
SDev	1.643989	--	--	--	--	--	--
%RSD	.0623139	--	--	--	--	--	--
#1	2637	--	--	--	--	--	--
#2	2639	--	--	--	--	--	--

Analysis Report Blank Sample 12/13/05 10:32:04 PM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 12/13/05 22:27:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01825	-.00132	.00118	.00025	.00007	-.00471	-.00004
SDev	.00231	.00067	.00016	.00007	.00002	.00318	.00006
%RSD	12.676	50.583	13.816	29.184	30.856	67.607	150.20
#1	.01988	-.00085	.00106	.00031	.00009	-.00246	-.00008
#2	.01661	-.00179	.00129	.00020	.00006	-.00696	.00000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00042	.00004	-.00222	.00752	.00706	.00398	.00018
SDev	.00024	.00010	.00018	.01011	.01149	.00629	.00003
%RSD	58.249	264.97	8.0540	134.44	162.60	158.23	13.685
#1	.00059	.00011	-.00209	.01467	.01519	.00843	.00020
#2	.00025	-.00003	-.00235	.00037	-.00106	-.00047	.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00208	.02301	.00022	.00277	.00100	.00159	-.00054
SDev	.00069	.00799	.00025	.00057	.00072	.00029	.00031
%RSD	33.254	34.727	110.30	20.424	72.300	18.388	56.784
#1	.00257	.02866	.00005	.00237	.00151	.00180	-.00032
#2	.00159	.01736	.00040	.00318	.00049	.00138	-.00076
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00750	-.00154	-.00004	.00035	-.00057	-.00008	.00043
SDev	.00227	.00144	.00026	.00019	.00052	.00021	.00021
%RSD	30.210	93.745	647.89	55.171	90.732	276.37	49.436
#1	.00910	-.00052	-.00023	.00048	-.00093	.00007	.00058
#2	.00590	-.00256	.00014	.00021	-.00020	-.00023	.00028
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00029	.00037
SDev	.00032	.00000
%RSD	110.73	.03974
#1	.00051	.00037
#2	.00006	.00037
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2635	--	--	--	--	--	--
SDev	2.333314	--	--	--	--	--	--
%RSD	.0885643	--	--	--	--	--	--
#1	2633	--	--	--	--	--	--
#2	2636	--	--	--	--	--	--

Analysis Report 12/13/05 10:36:28 PM page 1

Method: TRACE2 Sample Name: AD570578 Operator: SW
Run Time: 12/13/05 22:32:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.32478	.00316	.05754	1.1578	.00022	176.45	L-.00275
SDev	.00154	.00174	.00004	.0026	.00001	.24	.00010
%RSD	.47377	55.217	.06668	.22462	4.5070	.13653	3.7278
#1	.32586	.00192	.05752	1.1597	.00023	176.62	L-.00282
#2	.32369	.00439	.05757	1.1560	.00021	176.27	L-.00268
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00161	.00198	-.00133	37.497	5.6234	49.084	.30759
SDev	.00015	.00053	.00030	.010	.0345	.004	.00011
%RSD	9.3447	26.833	22.494	.02546	.61268	.00830	.03517
#1	.00150	.00236	-.00112	37.504	5.6478	49.082	.30751
#2	.00172	.00161	-.00154	37.490	5.5991	49.087	.30766
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00057	15.082	.00216	.00370	.00224	.00273	-.00444
SDev	.00055	.043	.00002	.00084	.00085	.00084	.00426
%RSD	96.443	.28280	.96912	22.660	37.823	30.964	95.910
#1	.00095	15.052	.00214	.00430	.00284	.00332	-.00746
#2	.00018	15.112	.00217	.00311	.00164	.00213	-.00143
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00521	-.00533	-.00400	.01078	L-.01063	.00098	.00074
SDev	.00010	.00575	.00352	.00043	.00308	.00000	.00000
%RSD	1.8325	107.94	87.898	3.9565	28.991	.01012	.01093
#1	.00514	-.00940	-.00649	.01108	L-.01281	.00098	.00074
#2	.00528	-.00126	-.00151	.01048	-.00845	.00098	.00074
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00213	.00028
SDev	.00094	.00007
%RSD	44.027	26.931
#1	.00147	.00033
#2	.00279	.00022
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2581	--	--	--	--	--	--
SDev	.0531711	--	--	--	--	--	--
%RSD	.0020603	--	--	--	--	--	--
#1	2581	--	--	--	--	--	--
#2	2581	--	--	--	--	--	--

Analysis Report 12/13/05 10:40:53 PM page 1

Method: TRACE2 Sample Name: AD570578/L (1:5) Operator: SW
Run Time: 12/13/05 22:36:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07002	.00098	.01151	.22825	.00004	34.919	-.00049
SDev	.00176	.00015	.00001	.00010	.00001	.007	.00005
%RSD	2.5167	14.774	.08377	.04557	24.439	.02039	9.9681
#1	.07126	.00088	.01152	.22818	.00005	34.924	-.00052
#2	.06877	.00109	.01150	.22833	.00004	34.914	-.00045
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00038	.00035	-.00139	7.6182	1.0082	9.6243	.06241
SDev	.00015	.00022	.00016	.0126	.0217	.0064	.00005
%RSD	39.831	61.582	11.403	.16491	2.1547	.06651	.07774
#1	.00028	.00051	-.00128	7.6093	1.0235	9.6289	.06237
#2	.00049	.00020	-.00151	7.6271	.99280	9.6198	.06244
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	2.5167	.00073	.00049	.00102	.00084	-.00057
SDev	.00046	.0773	.00027	.00056	.00032	.00040	.00147
%RSD	381.41	3.0709	36.697	115.81	31.723	47.892	259.69
#1	-.00020	2.4621	.00092	.00009	.00079	.00056	.00047
#2	.00045	2.5714	.00054	.00089	.00125	.00113	-.00160
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00511	-.00045	-.00062	.00206	-.00379	.00045	-.00042
SDev	.00125	.00013	.00227	.00006	.00007	.00032	.00021
%RSD	24.529	29.390	364.32	2.9797	1.8290	70.844	49.836
#1	.00422	-.00054	.00098	.00210	-.00384	.00022	-.00057
#2	.00599	-.00036	-.00223	.00202	-.00374	.00067	-.00027
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00308	.00032
SDev	.00005	.00001
%RSD	1.5961	4.4805
#1	.00304	.00031
#2	.00311	.00033
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2610	--	--	--	--	--	--
SDev	11.61409	--	--	--	--	--	--
%RSD	.4449779	--	--	--	--	--	--
#1	2602	--	--	--	--	--	--
#2	2618	--	--	--	--	--	--

Analysis Report 12/13/05 10:45:17 PM page 1

Method: TRACE2 Sample Name: AD570578/PS Operator: SW
Run Time: 12/13/05 22:40:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.665	.21740	.25268	1.3393	.20499	181.54	.19200
SDev	.005	.00218	.00036	.0002	.00020	.16	.00023
%RSD	.04630	1.0025	.14192	.01194	.09826	.08911	.11816
#1	10.668	.21894	.25294	1.3392	.20485	181.43	.19184
#2	10.661	.21586	.25243	1.3394	.20513	181.66	.19216
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19903	.19932	.21059	46.515	16.565	57.927	.49531
SDev	.00054	.00055	.00013	.005	.011	.044	.00029
%RSD	.27212	.27397	.06013	.01159	.06475	.07633	.05918
#1	.19941	.19970	.21050	46.518	16.572	57.958	.49552
#2	.19865	.19893	.21068	46.511	16.557	57.896	.49510
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20343	25.444	.20036	.20453	.20928	.20770	.20643
SDev	.00066	.064	.00041	.00374	.00022	.00139	.00048
%RSD	.32656	.25088	.20554	1.8283	.10692	.67140	.23411
#1	.20296	25.398	.20065	.20189	.20912	.20671	.20609
#2	.20390	25.489	.20007	.20718	.20943	.20868	.20677
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20751	.20870	.20530	.22414	.20602	.21086	.19737
SDev	.00304	.00183	.00019	.00019	.00066	.00036	.00011
%RSD	1.4639	.87486	.09158	.08457	.32197	.17310	.05579
#1	.20966	.20741	.20543	.22400	.20555	.21112	.19745
#2	.20536	.20999	.20517	.22427	.20649	.21060	.19729
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20859	.05302
SDev	.00130	.00009
%RSD	.62328	.17382
#1	.20951	.05295
#2	.20767	.05308
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2601	--	--	--	--	--	--
SDev	7.106285	--	--	--	--	--	--
%RSD	.2732293	--	--	--	--	--	--
#1	2596	--	--	--	--	--	--
#2	2606	--	--	--	--	--	--

Analysis Report 12/13/05 10:49:42 PM page 1

Method: TRACE2 Sample Name: AD570579/MS Operator: SW
Run Time: 12/13/05 22:45:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.438	.21039	.25472	1.4272	.20044	193.62	.18777
SDev	.007	.00422	.00000	.0011	.00055	.55	.00011
%RSD	.06616	2.0065	.00089	.07934	.27189	.28218	.05894
#1	10.433	.20740	.25472	1.4264	.20005	193.23	.18769
#2	10.442	.21337	.25473	1.4280	.20082	194.00	.18784
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19086	.19150	.20221	49.680	16.609	60.710	.50919
SDev	.00003	.00034	.00022	.041	.014	.098	.00067
%RSD	.01858	.17657	.10951	.08275	.08669	.16130	.13105
#1	.19089	.19126	.20237	49.651	16.619	60.641	.50872
#2	.19084	.19174	.20206	49.709	16.599	60.779	.50966
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19463	26.118	.19522	.20059	.20741	.20514	.20754
SDev	.00086	.034	.00073	.00210	.00285	.00120	.00184
%RSD	.44213	.12914	.37403	1.0488	1.3724	.58401	.88808
#1	.19402	26.142	.19470	.20208	.20539	.20429	.20623
#2	.19523	26.094	.19574	.19911	.20942	.20599	.20884
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20557	.20832	.20715	.22048	.20262	.20454	.19342
SDev	.00125	.00304	.00125	.00023	.00441	.00050	.00061
%RSD	.60656	1.4584	.60132	.10476	2.1760	.24436	.31531
#1	.20469	.20618	.20627	.22032	.20574	.20419	.19299
#2	.20645	.21047	.20803	.22064	.19950	.20489	.19385
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.19853	.05242
SDev	.00144	.00004
%RSD	.72401	.07501
#1	.19954	.05245
#2	.19751	.05240
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2589	--	--	--	--	--	--
SDev	.4773316	--	--	--	--	--	--
%RSD	.0184377	--	--	--	--	--	--
#1	2589	--	--	--	--	--	--
#2	2589	--	--	--	--	--	--

Analysis Report 12/13/05 10:54:07 PM page 1

Method: TRACE2 Sample Name: AD570580/SD Operator: SW
Run Time: 12/13/05 22:49:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.303	.20693	.25193	1.4000	.19669	189.47	.18503
SDev	.014	.00090	.00144	.0044	.00026	.24	.00005
%RSD	.13473	.43439	.57300	.31267	.13092	.12658	.02447
#1	10.313	.20629	.25091	1.4031	.19687	189.64	.18506
#2	10.293	.20756	.25295	1.3969	.19651	189.30	.18499
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18734	.18902	.19934	48.941	16.378	59.580	.50088
SDev	.00027	.00030	.00080	.060	.050	.015	.00022
%RSD	.14254	.15812	.39992	.12268	.30305	.02581	.04355
#1	.18753	.18923	.19990	48.983	16.413	59.591	.50103
#2	.18716	.18881	.19878	48.898	16.343	59.569	.50073
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19075	25.851	.19250	.19651	.20632	.20305	.20305
SDev	.00129	.010	.00068	.00258	.00076	.00036	.00387
%RSD	.67578	.03778	.35184	1.3128	.36643	.17473	1.9044
#1	.18984	25.844	.19297	.19468	.20686	.20280	.20578
#2	.19166	25.858	.19202	.19833	.20579	.20330	.20031
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20281	.20598	.20158	.21700	.19781	.20116	.18977
SDev	.00112	.00569	.00296	.00102	.00342	.00024	.00034
%RSD	.55363	2.7611	1.4667	.46923	1.7287	.11717	.17894
#1	.20201	.21000	.20367	.21772	.19540	.20133	.19001
#2	.20360	.20196	.19949	.21628	.20023	.20099	.18953
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.19641	.05112
SDev	.00115	.00000
%RSD	.58754	.00519
#1	.19559	.05112
#2	.19722	.05112
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2572	--	--	--	--	--	--
SDev	1.643989	--	--	--	--	--	--
%RSD	.0639202	--	--	--	--	--	--
#1	2571	--	--	--	--	--	--
#2	2573	--	--	--	--	--	--

Analysis Report 12/13/05 10:58:31 PM page 1

Method: TRACE2 Sample Name: AD570429/PB Operator: SW
Run Time: 12/13/05 22:54:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02455	.00299	.00287	H.00661	.00016	.07457	H.00128
SDev	.00290	.00088	.00044	.00009	.00003	.01090	.00011
%RSD	11.810	29.549	15.258	1.3821	15.368	14.612	8.5528
#1	.02660	.00236	.00256	H.00668	.00018	.08228	H.00135
#2	.02250	.00361	.00319	H.00655	.00014	.06687	H.00120
Errors	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass	LC High
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	.00345	-.00030	.02452	.04395	.01680	H.00673
SDev	.00020	.00018	.00018	.01143	.01851	.00538	.00009
%RSD	1152.5	5.3110	60.736	46.617	42.121	32.038	1.3203
#1	-.00012	.00358	-.00043	.03261	.05704	.02061	H.00680
#2	.00016	.00332	-.00017	.01644	.03086	.01299	H.00667
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00233	.04459	.00138	.00722	.00506	H.00577	.00207
SDev	.00076	.01201	.00026	.00004	.00145	.00096	.00081
%RSD	32.770	26.935	18.566	.50346	28.667	16.530	38.978
#1	.00287	.05308	.00156	.00724	.00403	H.00510	.00150
#2	.00179	.03609	.00120	.00719	.00608	H.00645	.00264
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC High	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00528	-.00188	.00404	.00080	.00255	.00349	.01255
SDev	.00262	.00522	.00382	.00001	.00017	.00012	.00019
%RSD	49.602	278.28	94.554	.98169	6.4932	3.2833	1.4966
#1	.00714	.00181	.00134	.00080	.00244	.00357	.01242
#2	.00343	-.00556	.00674	.00081	.00267	.00341	.01268
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	H.04682	.00169
SDev	.00014	.00003
%RSD	.29105	1.9177
#1	H.04672	.00171
#2	H.04691	.00167

Errors	LC High	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2598	--	--	--	--	--	--
SDev	4.879140	--	--	--	--	--	--
%RSD	.1877712	--	--	--	--	--	--
#1	2595	--	--	--	--	--	--
#2	2602	--	--	--	--	--	--

Analysis Report 12/13/05 11:02:56 PM page 1

Method: TRACE2 Sample Name: AD570428/CLPSL Operator: SW
Run Time: 12/13/05 22:58:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	67.206	.73969	.83509	1.5227	1.3368	40.160	2.0531
SDev	.012	.00793	.00252	.0016	.0069	.223	.0098
%RSD	.01825	1.0717	.30156	.10657	.51790	.55524	.47936
#1	67.214	.73408	.83331	1.5216	1.3319	40.002	2.0461
#2	67.197	.74529	.83687	1.5239	1.3417	40.318	2.0601
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	108.00	.97300	1.3900	1.8400	1.6900	52.200	2.7700
Low	43.900	.64500	.54000	1.2800	1.1700	34.200	1.8800

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.61782	.51742	1.3133	85.995	21.748	20.103	2.6443
SDev	.00241	.00202	.0022	.327	.086	.076	.0092
%RSD	.39072	.39142	.16985	.38045	.39722	.37855	.34829
#1	.61612	.51599	1.3117	85.763	21.809	20.049	2.6378
#2	.61953	.51885	1.3149	86.226	21.687	20.156	2.6508
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.81100	.73800	1.5400	214.00	30.600	27.300	3.6500
Low	.56100	.47700	1.0800	74.200	17.000	17.100	2.4300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53053	3.9075	.45917	.73940	.76234	.75470	.76451
SDev	.00425	.1452	.00137	.00170	.00773	.00572	.00948
%RSD	.80033	3.7149	.29884	.22983	1.0142	.75829	1.2393
#1	.52752	3.8048	.45820	.73820	.75687	.75065	.75781
#2	.53353	4.0101	.46014	.74060	.76781	.75875	.77121
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.70500	6.5800	.58800			.91800	1.0300
Low	.46300	2.5400	.40400			.61900	.62600

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38725	.74972	.77192	2.8759	1.6213	.58957	1.0740
SDev	.00224	.00190	.01326	.0071	.0088	.00199	.0069
%RSD	.57817	.25354	1.7180	.24806	.54327	.33817	.64274
#1	.38566	.74837	.76254	2.8708	1.6150	.58816	1.0691
#2	.38883	.75106	.78130	2.8809	1.6275	.59098	1.0788
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	1.7300			4.5100	1.9700	.93000	1.4100
Low	.00690			1.1100	1.1900	.51700	.90500

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	1.5753	.78980
SDev	.0030	.00188
%RSD	.19160	.23793
#1	1.5732	.78847
#2	1.5775	.79113
Errors	LC Pass	LC Pass
High	2.2800	1.1100
Low	1.2200	.49000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2879	--	--	--	--	--	--
SDev	.1589955	--	--	--	--	--	--
%RSD	.0055232	--	--	--	--	--	--
#1	2879	--	--	--	--	--	--
#2	2879	--	--	--	--	--	--

Analysis Report 12/13/05 11:07:20 PM page 1

Method: TRACE2 Sample Name: AD570412 Operator: SW
Run Time: 12/13/05 23:03:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	37.134	.05657	.19710	.31780	.00437	H1553.6	L-.00634
SDev	1.294	.00028	.00554	.00421	.00012	5.0	.00008
%RSD	3.4842	.50349	2.8129	1.3248	2.6947	.32320	1.3173
#1	38.049	.05678	.20102	.32078	.00445	H1550.1	L-.00628
#2	36.219	.05637	.19318	.31482	.00429	H1557.2	L-.00639
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Low
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04485	.04538	.06991	87.360	24.305	92.154	2.1916
SDev	.00050	.00078	.00020	.180	.628	.156	.0012
%RSD	1.1112	1.7117	.28840	.20592	2.5824	.16967	.05647
#1	.04520	.04593	.06977	87.488	24.749	92.265	2.1925
#2	.04449	.04483	.07006	87.233	23.861	92.044	2.1907
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00227	1.6363	.08902	.12322	.13622	.13189	-.00600
SDev	.00024	.0455	.00063	.00018	.00020	.00007	.00029
%RSD	10.734	2.7795	.70379	.14488	.14698	.05619	4.8809
#1	.00244	1.6042	.08946	.12335	.13608	.13184	-.00621
#2	.00210	1.6685	.08858	.12310	.13636	.13195	-.00579
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00546	-.00846	-.00477	.30504	L-.02055	.05433	.27811
SDev	.00072	.00360	.00224	.06054	.00240	.00144	.00065
%RSD	13.177	42.591	46.954	19.845	11.675	2.6519	.23526
#1	.00495	-.00591	-.00636	.34785	L-.02224	.05535	.27857
#2	.00597	-.01100	-.00319	.26224	L-.01885	.05331	.27765
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.02634	.00123
SDev	.00158	.00018
%RSD	5.9965	14.306
#1	.02523	.00136
#2	.02746	.00111
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2643	--	--	--	--	--	--
SDev	4.189642	--	--	--	--	--	--
%RSD	.1585207	--	--	--	--	--	--
#1	2640	--	--	--	--	--	--
#2	2646	--	--	--	--	--	--

Analysis Report 12/13/05 11:11:45 PM page 1

Method: TRACE2 Sample Name: AD570412/L (1:5) Operator: SW
Run Time: 12/13/05 23:07:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.4723	.01337	.04556	.06935	.00102	338.07	-.00128
SDev	.5525	.00122	.00231	.00199	.00002	.76	.00006
%RSD	6.5211	9.1470	5.0671	2.8686	1.4310	.22425	4.9707
#1	8.8630	.01424	.04719	.07076	.00103	338.61	-.00132
#2	8.0817	.01251	.04393	.06794	.00101	337.54	-.00123
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01012	.01069	.01303	20.023	4.7811	20.503	.49552
SDev	.00010	.00059	.00020	.074	.2664	.089	.00109
%RSD	.94885	5.4927	1.5693	.37151	5.5725	.43513	.22061
#1	.01019	.01110	.01317	20.075	4.9695	20.566	.49630
#2	.01005	.01027	.01289	19.970	4.5927	20.440	.49475
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00042	.16937	.02047	.02785	.02988	.02920	-.00147
SDev	.00005	.03565	.00037	.00042	.00021	.00000	.00013
%RSD	13.119	21.046	1.8093	1.5030	.70850	.00619	9.1605
#1	-.00038	.19458	.02073	.02755	.03003	.02920	-.00156
#2	-.00045	.14417	.02021	.02814	.02973	.02920	-.00137
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00400	-.00563	.00062	.09423	-.00644	.01254	.06491
SDev	.00225	.00021	.00010	.02958	.00013	.00085	.00021
%RSD	56.303	3.7299	15.685	31.395	2.0215	6.7673	.33009
#1	.00241	-.00578	.00055	.11515	-.00654	.01314	.06506
#2	.00559	-.00548	.00068	.07331	-.00635	.01194	.06475
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00539	.00030
SDev	.00057	.00010
%RSD	10.594	34.896
#1	.00499	.00022
#2	.00580	.00037
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2596	--	--	--	--	--	--
SDev	.1059970	--	--	--	--	--	--
%RSD	.0040831	--	--	--	--	--	--
#1	2596	--	--	--	--	--	--
#2	2596	--	--	--	--	--	--

Analysis Report 12/13/05 11:16:09 PM page 1

Method: TRACE2 Sample Name: AD570412/PS Operator: SW
Run Time: 12/13/05 23:11:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	52.480	.42257	.53019	.67207	.35226	H1460.5	.31993
SDev	.002	.00329	.00115	.00006	.00102	8.0	.00106
%RSD	.00387	.77900	.21712	.00857	.29026	.54877	.33105
#1	52.481	.42024	.52938	.67203	.35153	H1454.9	.31918
#2	52.479	.42490	.53101	.67211	.35298	H1466.2	.32068
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37369	.37584	.45304	99.787	43.467	104.65	2.4151
SDev	.00078	.00084	.00131	.346	.105	.23	.0072
%RSD	.20912	.22213	.28885	.34695	.24117	.21663	.29984
#1	.37314	.37525	.45211	99.542	43.542	104.49	2.4099
#2	.37424	.37643	.45396	100.03	43.393	104.81	2.4202
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.35111	22.635	.41936	.45483	.48062	.47203	.34864
SDev	.00364	.034	.00266	.00025	.00244	.00154	.00035
%RSD	1.0360	.15104	.63448	.05563	.50824	.32731	.10126
#1	.34854	22.659	.41748	.45500	.47889	.47094	.34889
#2	.35369	22.611	.42124	.45465	.48234	.47312	.34839
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.34443	.34512	.35040	.58474	.34871	.41141	.58709
SDev	.00131	.00015	.00060	.00049	.00119	.00063	.00143
%RSD	.38117	.04214	.17187	.08301	.34073	.15356	.24404
#1	.34536	.34502	.35083	.58440	.34955	.41096	.58607
#2	.34351	.34522	.34998	.58508	.34787	.41186	.58810
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.37322	.09932
SDev	.00035	.00008
%RSD	.09347	.07674
#1	.37347	.09937
#2	.37297	.09927
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2634	--	--	--	--	--	--
SDev	.6893255	--	--	--	--	--	--
%RSD	.0261714	--	--	--	--	--	--
#1	2634	--	--	--	--	--	--
#2	2633	--	--	--	--	--	--

Analysis Report QC Standard 12/13/05 11:21:53 PM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 12/13/05 23:17:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.849	.50495	.46960	.50643	.50799	25.758	.48233
SDev	.036	.00139	.00154	.00003	.00121	.088	.00118
%RSD	.13764	.27587	.32738	.00563	.23875	.34021	.24488
#1	25.874	.50594	.47069	.50641	.50714	25.696	.48149
#2	25.824	.50397	.46852	.50645	.50885	25.820	.48316
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48518	.49135	.52116	24.325	25.119	24.854	.49720
SDev	.00179	.00034	.00083	.043	.055	.010	.00046
%RSD	.36853	.06812	.15845	.17479	.21864	.04223	.09147
#1	.48391	.49111	.52175	24.295	25.158	24.846	.49688
#2	.48644	.49158	.52058	24.355	25.081	24.861	.49753
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49278	25.578	.49625	.49793	.51305	.50802	.50798
SDev	.00395	.231	.00083	.00078	.00090	.00034	.00096
%RSD	.80172	.90432	.16813	.15579	.17568	.06749	.18885
#1	.48999	25.741	.49566	.49848	.51242	.50777	.50866
#2	.49558	25.414	.49684	.49738	.51369	.50826	.50730
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51203	.50329	.51033	.52520	.53550	.51082	.49821
SDev	.00329	.00400	.00056	.00111	.00754	.00114	.00103
%RSD	.64242	.79498	.11003	.21196	1.4085	.22295	.20593
#1	.51436	.50612	.50994	.52441	.53016	.51001	.49748
#2	.50971	.50047	.51073	.52599	.54083	.51162	.49893
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50085	.50166
SDev	.00276	.00028
%RSD	.55075	.05661
#1	.49890	.50146
#2	.50280	.50186
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2633	--	--	--	--	--	--
SDev	.9544906	--	--	--	--	--	--
%RSD	.0362528	--	--	--	--	--	--
#1	2634	--	--	--	--	--	--
#2	2632	--	--	--	--	--	--

Analysis Report Blank Sample 12/13/05 11:26:19 PM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 12/13/05 23:21:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02866	.00152	.00129	.00020	.00014	.01604	-.00006
SDev	.00231	.00048	.00062	.00003	.00002	.00274	.00004
%RSD	8.0485	31.330	47.839	13.564	13.439	17.093	61.473
#1	.03029	.00186	.00086	.00022	.00015	.01798	-.00003
#2	.02702	.00118	.00173	.00018	.00012	.01410	-.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00024	.00017	-.00259	.00434	.00900	.00855	.00020
SDev	.00030	.00006	.00011	.00335	.01075	.00078	.00000
%RSD	123.21	32.323	4.1417	77.143	119.43	9.0999	.92135
#1	.00045	.00021	-.00266	.00670	.01660	.00910	.00020
#2	.00003	.00013	-.00251	.00197	.00140	.00800	.00020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00109	.04553	.00088	.00173	.00172	.00173	-.00247
SDev	.00081	.02698	.00025	.00054	.00078	.00034	.00002
%RSD	74.600	59.264	28.601	31.312	45.314	19.707	.67452
#1	.00167	.02645	.00106	.00135	.00227	.00197	-.00248
#2	.00052	.06461	.00070	.00212	.00117	.00149	-.00246
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00645	-.00467	-.00137	.00044	-.00210	.00022	.00028
SDev	.00173	.00433	.00219	.00007	.00100	.00021	.00043
%RSD	26.887	92.715	160.17	16.003	47.883	94.254	151.36
#1	.00767	-.00161	-.00292	.00049	-.00281	.00037	-.00002
#2	.00522	-.00773	.00018	.00039	-.00139	.00007	.00059
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00066	.00015
SDev	.00186	.00001
%RSD	283.09	9.5102
#1	.00066	.00014
#2	-.00197	.00016
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2632	--	--	--	--	--	--
SDev	11.61426	--	--	--	--	--	--
%RSD	.4413322	--	--	--	--	--	--
#1	2640	--	--	--	--	--	--
#2	2623	--	--	--	--	--	--

Analysis Report 12/13/05 11:30:43 PM page 1

Method: TRACE2 Sample Name: AD570413 Operator: SW
Run Time: 12/13/05 23:26:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	66.385	.07225	.07045	.55583	.00401	165.63	L-.00821
SDev	.129	.00190	.00038	.00183	.00001	.05	.00010
%RSD	.19423	2.6300	.54396	.32962	.25398	.02905	1.2182
#1	66.476	.07359	.07072	.55713	.00402	165.66	L-.00828
#2	66.294	.07091	.07018	.55454	.00400	165.60	L-.00814
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05843	.09726	.36142	151.70	11.749	46.998	2.2890
SDev	.00024	.00019	.00126	.02	.056	.047	.0012
%RSD	.41139	.19307	.34944	.01325	.48056	.10041	.05086
#1	.05826	.09739	.36231	151.69	11.789	47.031	2.2882
#2	.05860	.09713	.36052	151.72	11.709	46.965	2.2898
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00554	5.7335	.14120	.42014	.44006	.43343	-.00202
SDev	.00048	.0033	.00029	.00337	.00157	.00008	.00164
%RSD	8.6752	.05797	.20574	.80333	.35593	.01827	81.472
#1	.00588	5.7359	.14140	.42253	.43896	.43349	-.00086
#2	.00520	5.7312	.14099	.41775	.44117	.43337	-.00318
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00398	-.00749	.00072	.77398	L-.02954	.11622	.76267
SDev	.00156	.00279	.00107	.00289	.00145	.00012	.00025
%RSD	39.351	37.190	149.47	.37342	4.9147	.10668	.03299
#1	.00287	-.00552	.00148	.77602	L-.03057	.11614	.76249
#2	.00508	-.00946	-.00004	.77194	L-.02852	.11631	.76285
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.05047	.06707
SDev	.00258	.00003
%RSD	5.1090	.03781
#1	.05229	.06705
#2	.04864	.06708
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2787	--	--	--	--	--	--
SDev	6.416959	--	--	--	--	--	--
%RSD	.2302802	--	--	--	--	--	--
#1	2782	--	--	--	--	--	--
#2	2791	--	--	--	--	--	--

Analysis Report 12/13/05 11:35:08 PM page 1

Method: TRACE2 Sample Name: AD570872/PB Operator: SW
Run Time: 12/13/05 23:30:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03258	.00082	.00075	.00070	.00011	.10125	-.00012
SDev	.01365	.00035	.00047	.00025	.00013	.07640	.00010
%RSD	41.901	43.359	62.673	35.761	117.92	75.458	83.134
#1	.02293	.00057	.00042	.00052	.00002	.04723	-.00019
#2	.04223	.00107	.00109	.00087	.00021	.15528	-.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00013	-.00016	-.00122	.02006	.04988	.01924	.00054
SDev	.00006	.00025	.00007	.01655	.01959	.01623	.00042
%RSD	46.712	163.23	5.7338	82.519	39.271	84.352	78.672
#1	-.00018	.00002	-.00127	.00835	.03603	.00776	.00024
#2	-.00009	-.00034	-.00117	.03176	.06373	.03072	.00084
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00074	H6.4672	.00056	.00631	-.00280	.00023	-.00094
SDev	.00067	.1279	.00066	.00364	.00067	.00077	.00038
%RSD	89.618	1.9772	118.14	57.723	23.874	331.04	40.634
#1	.00027	H6.3768	.00102	.00373	-.00233	-.00031	-.00067
#2	.00121	H6.5576	.00009	.00889	-.00328	.00077	-.00121
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00283	.00099	-.00191	.00125	-.00137	-.00038	.00016
SDev	.00179	.00244	.00179	.00061	.00110	.00043	.00025
%RSD	63.197	245.47	93.908	48.972	80.541	113.14	151.54
#1	.00156	-.00073	-.00064	.00082	-.00215	-.00008	-.00001
#2	.00409	.00272	-.00318	.00168	-.00059	-.00069	.00034
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00371	.00063
SDev	.00120	.00034
%RSD	32.302	53.759
#1	.00287	.00039
#2	.00456	.00087
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2580	--	--	--	--	--	--
SDev	60.19246	--	--	--	--	--	--
%RSD	2.332736	--	--	--	--	--	--
#1	2623	--	--	--	--	--	--
#2	2538	--	--	--	--	--	--

Analysis Report 12/13/05 11:39:32 PM page 1

Method: TRACE2 Sample Name: AD570871/LCS Operator: SW
Run Time: 12/13/05 23:35:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05491	1.0631	.05816	1.0049	.97490	.55456	.98986
SDev	.00283	.0022	.00079	.0022	.00202	.00355	.00043
%RSD	5.1541	.20485	1.3576	.21454	.20731	.63973	.04381
#1	.05691	1.0646	.05760	1.0034	.97347	.55707	.98956
#2	.05291	1.0615	.05872	1.0065	.97633	.55205	.99017
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	LC Pass
High		1.2000		1.2000	1.2000		1.2000
Low		.80000		.80000	.80000		.80000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97833	.98045	1.0155	.07137	.30726	.09553	.95939
SDev	.00133	.00001	.0011	.01146	.01098	.00243	.00061
%RSD	.13582	.00084	.10359	16.056	3.5734	2.5411	.06322
#1	.97739	.98046	1.0147	.07948	.31503	.09725	.95896
#2	.97927	.98045	1.0162	.06327	.29950	.09381	.95982
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	1.2000	1.2000	1.2000				1.2000
Low	.80000	.80000	.80000				.80000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0504	1095.5	.98308	1.0091	1.0583	1.0420	1.0474
SDev	.0056	.1	.00164	.0087	.0046	.0059	.0086
%RSD	.53657	.00908	.16726	.85803	.43005	.56807	.82479
#1	1.0465	1095.5	.98192	1.0030	1.0551	1.0378	1.0413
#2	1.0544	1095.6	.98424	1.0152	1.0616	1.0461	1.0535
Errors	LC Pass	NOCHECK	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	1.2000		1.2000			1.2000	1.2000
Low	.80000		.80000			.80000	.80000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0282	1.0423	1.0499	.00083	1.0635	1.0251	1.0922
SDev	.0092	.0001	.0130	.00001	.0106	.0022	.0024
%RSD	.89359	.00898	1.2387	.55927	.99385	.21429	.21917
#1	1.0217	1.0424	1.0407	.00082	1.0560	1.0235	1.0905
#2	1.0347	1.0423	1.0591	.00083	1.0710	1.0266	1.0939
Errors	LC Pass	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.2000				1.2000	1.2000	1.2000
Low	.80000				.80000	.80000	.80000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.01087	1.0829
SDev	.00049	.0015
%RSD	4.4746	.13824
#1	.01122	1.0819
#2	.01053	1.0840
Errors	NOCHECK	LC Pass
High		1.2000
Low		.80000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2388	--	--	--	--	--	--
SDev	8.485281	--	--	--	--	--	--
%RSD	.3553858	--	--	--	--	--	--
#1	2382	--	--	--	--	--	--
#2	2394	--	--	--	--	--	--

Analysis Report 12/13/05 11:43:57 PM page 1

Method: TRACE2 Sample Name: AD570870/EBLK Operator: SW
Run Time: 12/13/05 23:39:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05764	.00306	H.05872	H.00638	.00014	H.50916	-.00018
SDev	.00025	.00262	.00107	.00017	.00001	.00077	.00006
%RSD	.42937	85.519	1.8201	2.6803	3.7955	.15183	35.804
#1	.05747	.00491	H.05948	H.00650	.00014	H.50861	-.00013
#2	.05782	.00121	H.05797	H.00626	.00013	H.50970	-.00022
Errors	LC Pass	LC Pass	LC High	LC High	LC Pass	LC High	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00024	.00095	-.00143	.01782	.30650	.09454	.00206
SDev	.00020	.00024	.00023	.00823	.00516	.00074	.00005
%RSD	84.139	25.291	16.320	46.174	1.6839	.78593	2.2958
#1	-.00010	.00078	-.00127	.02364	.31015	.09507	.00202
#2	-.00038	.00111	-.00160	.01200	.30285	.09402	.00209
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00289	H1041.5	.00100	.00846	.00186	.00405	.00356
SDev	.00109	2.9	.00018	.00015	.00022	.00020	.00201
%RSD	37.593	.27616	17.610	1.8345	12.015	4.9431	56.615
#1	.00365	H1043.5	.00087	.00835	.00170	.00391	.00498
#2	.00212	H1039.5	.00112	.00856	.00201	.00420	.00213
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00773	.00618	.00224	.00082	-.00366	-.00014	.01962
SDev	.00148	.00165	.00384	.00010	.00157	.00011	.00084
%RSD	19.135	26.673	171.33	12.768	42.978	78.207	4.2603
#1	.00878	.00502	.00496	.00089	-.00255	-.00006	.01902
#2	.00669	.00735	-.00047	.00074	-.00478	-.00022	H.02021
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00773	.00029
SDev	.00076	.00015
%RSD	9.7951	52.611
#1	.00827	.00018
#2	.00719	.00040
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2528	--	--	--	--	--	--
SDev	5.250302	--	--	--	--	--	--
%RSD	.2076686	--	--	--	--	--	--
#1	2524	--	--	--	--	--	--
#2	2532	--	--	--	--	--	--

Analysis Report 12/13/05 11:48:22 PM page 1

Method: TRACE2 Sample Name: AD570869 Operator: SW
Run Time: 12/13/05 23:44:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51697	.03710	.08532	.05959	.00026	39.348	.16605
SDev	.00165	.00055	.00085	.00047	.00002	.064	.00031
%RSD	.31973	1.4920	.99448	.79105	6.3802	.16157	.18580
#1	.51813	.03671	.08592	.05993	.00025	39.393	.16627
#2	.51580	.03749	.08472	.05926	.00028	39.303	.16583
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19138	.00354	.02535	.13404	4.9441	.98437	.22022
SDev	.00096	.00023	.00083	.00114	.0335	.00063	.00052
%RSD	.50228	6.3942	3.2837	.85336	.67735	.06412	.23369
#1	.19206	.00370	.02594	.13485	4.9678	.98392	.22058
#2	.19070	.00338	.02476	.13323	4.9204	.98482	.21985
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00608	H1400.0	.00627	50.360	53.933	H52.744	.00298
SDev	.00105	2.1	.00056	.286	.144	.191	.00222
%RSD	17.279	.14994	8.8475	.56767	.26615	.36202	74.253
#1	.00533	H1398.5	.00667	50.562	54.035	H52.879	.00142
#2	.00682	H1401.5	.00588	50.158	53.832	H52.609	.00455
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC High	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04271	.00676	.00110	.00446	L-.01096	.00123	H221.42
SDev	.00080	.00528	.00068	.00002	.00122	.00023	1.34
%RSD	1.8721	78.061	62.508	.37610	11.140	18.604	.60710
#1	.04327	.00303	.00061	.00445	L-.01182	.00106	H220.47
#2	.04214	.01049	.00158	.00447	L-.01010	.00139	H222.37
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC High
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.01220	.00017
SDev	.00016	.00011
%RSD	1.2838	64.526
#1	.01231	.00025
#2	.01208	.00009
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2459	--	--	--	--	--	--
SDev	1.113659	--	--	--	--	--	--
%RSD	.0452921	--	--	--	--	--	--
#1	2460	--	--	--	--	--	--
#2	2458	--	--	--	--	--	--

Analysis Report 12/13/05 11:52:47 PM page 1

Method: TRACE2 Sample Name: AD570866 Operator: SW
Run Time: 12/13/05 23:48:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14015	.00575	.33992	.00409	.00056	1.3361	-.00002
SDev	.00156	.00394	.00162	.00002	.00001	.0002	.00001
%RSD	1.1135	68.463	.47539	.58715	1.4820	.01813	82.333
#1	.14125	.00854	.33878	.00411	.00055	1.3359	-.00003
#2	.13905	.00297	.34106	.00408	.00057	1.3363	-.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01880	.01628	.00956	.22418	1.1767	.15961	.66525
SDev	.00040	.00028	.00012	.00558	.0208	.00047	.00043
%RSD	2.1035	1.7215	1.2406	2.4890	1.7718	.29306	.06479
#1	.01852	.01608	.00965	.22023	1.1914	.15994	.66495
#2	.01908	.01648	.00948	.22812	1.1619	.15928	.66556
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00610	H1242.9	.39069	.03158	.03399	.03318	.00003
SDev	.00034	.1	.00060	.00239	.00590	.00473	.00096
%RSD	5.5379	.01061	.15253	7.5768	17.355	14.257	3672.3
#1	.00586	H1242.8	.39027	.03327	.03816	.03653	-.00065
#2	.00634	H1243.0	.39111	.02989	.02982	.02984	.00070
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00462	.00635	-.00314	3.7881	-.00597	.43076	.10902
SDev	.00108	.00302	.00008	.0028	.00315	.00086	.00318
%RSD	23.417	47.516	2.4481	.07421	52.789	.19930	2.9143
#1	.00538	.00422	-.00308	3.7901	-.00820	.43015	.11127
#2	.00385	.00848	-.00319	3.7862	-.00374	.43137	.10677
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.01808	.00149
SDev	.00525	.00015
%RSD	29.042	9.9673
#1	.01437	.00138
#2	.02180	.00159
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2392	--	--	--	--	--	--
SDev	6.682125	--	--	--	--	--	--
%RSD	.2793647	--	--	--	--	--	--
#1	2397	--	--	--	--	--	--
#2	2387	--	--	--	--	--	--

Analysis Report 12/13/05 11:57:13 PM page 1

Method: TRACE2 Sample Name: AD570866/L (1:5) Operator: SW
Run Time: 12/13/05 23:52:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03616	.00180	.06763	.00087	.00007	.25506	-.00006
SDev	.00162	.00033	.00066	.00001	.00001	.00130	.00007
%RSD	4.4709	18.546	.97881	1.6114	13.363	.50948	118.09
#1	.03501	.00204	.06716	.00086	.00006	.25598	-.00001
#2	.03730	.00156	.06810	.00088	.00008	.25415	-.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00385	.00293	.00019	.04679	.15183	.03330	.13358
SDev	.00004	.00025	.00016	.00124	.00916	.00042	.00012
%RSD	.98212	8.3944	84.318	2.6487	6.0329	1.2606	.09210
#1	.00382	.00275	.00031	.04766	.15831	.03300	.13349
#2	.00388	.00310	.00008	.04591	.14536	.03359	.13367
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00127	265.73	.07882	.00713	.00667	.00682	.00088
SDev	.00024	.18	.00026	.00114	.00063	.00080	.00131
%RSD	19.306	.06665	.32324	16.059	9.3814	11.706	149.10
#1	.00110	265.85	.07900	.00794	.00711	.00739	-.00005
#2	.00144	265.60	.07864	.00632	.00622	.00626	.00181
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00284	.00073	.00096	.76469	-.00032	.08647	.02056
SDev	.00135	.00136	.00129	.00166	.00235	.00020	.00016
%RSD	47.657	185.55	135.17	.21649	733.62	.22882	.79109
#1	.00188	-.00023	.00004	.76352	.00134	.08661	.02045
#2	.00380	.00169	.00187	.76586	-.00198	.08633	.02068
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00509	.00061
SDev	.00149	.00063
%RSD	29.175	103.93
#1	.00614	.00106
#2	.00404	.00016
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2617	--	--	--	--	--	--
SDev	5.939801	--	--	--	--	--	--
%RSD	.2269525	--	--	--	--	--	--
#1	2613	--	--	--	--	--	--
#2	2621	--	--	--	--	--	--

Analysis Report 12/14/05 00:01:39 AM page 1

Method: TRACE2 Sample Name: AD570866/PS Operator: SW
Run Time: 12/13/05 23:57:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14925	1.0704	.33697	1.0199	.98287	1.2827	.97977
SDev	.00253	.0018	.00098	.0022	.00336	.0068	.00371
%RSD	1.6969	.16390	.29214	.21974	.34156	.52760	.37831
#1	.14746	1.0716	.33767	1.0183	.98050	1.2779	.97715
#2	.15104	1.0691	.33628	1.0215	.98525	1.2875	.98239
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.96812	.97226	1.0404	.26175	1.1965	.15538	1.5821
SDev	.00237	.00316	.0001	.00675	.0045	.00505	.0030
%RSD	.24442	.32528	.00613	2.5787	.37864	3.2535	.19030
#1	.96645	.97003	1.0404	.25698	1.1998	.15896	1.5800
#2	.96979	.97450	1.0403	.26653	1.1933	.15181	1.5842
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0573	H1199.9	1.4595	.98354	1.0421	1.0226	1.0665
SDev	.0062	1.1	.0050	.00281	.0041	.0036	.0048
%RSD	.58989	.08770	.33930	.28537	.38940	.35608	.45358
#1	1.0529	H1199.1	1.4560	.98155	1.0393	1.0200	1.0631
#2	1.0617	H1200.6	1.4630	.98552	1.0450	1.0252	1.0699
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0050	1.0504	1.0746	3.7919	1.0908	1.4258	1.0986
SDev	.0092	.0052	.0047	.0102	.0082	.0051	.0038
%RSD	.91868	.49470	.43349	.26842	.74893	.35824	.34510
#1	.99843	1.0467	1.0713	3.7847	1.0851	1.4221	1.0959
#2	1.0115	1.0540	1.0779	3.7991	1.0966	1.4294	1.1013
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.01542	1.0775
SDev	.00074	.0024
%RSD	4.8269	.22352
#1	.01595	1.0758
#2	.01489	1.0792
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2537	--	--	--	--	--	--
SDev	1.856155	--	--	--	--	--	--
%RSD	.0731551	--	--	--	--	--	--
#1	2536	--	--	--	--	--	--
#2	2539	--	--	--	--	--	--

Analysis Report 12/14/05 00:06:04 AM page 1

Method: TRACE2 Sample Name: AD570867/MS Operator: SW
Run Time: 12/14/05 00:01:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13505	1.0492	.32863	1.0011	.93129	1.3196	.93741
SDev	.00335	.0001	.00181	.0034	.00164	.0011	.00067
%RSD	2.4820	.01228	.55231	.34363	.17590	.08140	.07110
#1	.13742	1.0493	.32991	1.0036	.93245	1.3203	.93788
#2	.13268	1.0491	.32734	.99869	.93013	1.3188	.93694
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.94724	.94506	1.0185	.25261	1.2480	.15008	1.5426
SDev	.00222	.00019	.0052	.00823	.0175	.00159	.0016
%RSD	.23415	.01993	.50800	3.2589	1.3995	1.0596	.10123
#1	.94881	.94492	1.0222	.24678	1.2603	.15121	1.5437
#2	.94568	.94519	1.0148	.25843	1.2356	.14896	1.5415
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0246	H1195.3	1.3128	.97163	1.0296	1.0103	1.0335
SDev	.0019	4.9	.0001	.00291	.0007	.0015	.0078
%RSD	.18057	.41119	.01089	.29964	.07103	.14424	.75588
#1	1.0233	H1198.7	1.3129	.97369	1.0301	1.0113	1.0390
#2	1.0259	H1191.8	1.3127	.96958	1.0290	1.0092	1.0279
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0417	1.0215	1.0395	3.5856	1.0401	1.4017	1.0845
SDev	.0120	.0059	.0087	.0111	.0008	.0011	.0000
%RSD	1.1553	.58180	.84141	.30911	.07687	.08123	.00243
#1	1.0502	1.0257	1.0457	3.5934	1.0396	1.4025	1.0845
#2	1.0331	1.0173	1.0333	3.5778	1.0407	1.4009	1.0845
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.01520	1.0475
SDev	.00118	.0040
%RSD	7.7325	.38337
#1	.01437	1.0503
#2	.01603	1.0446
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2516	--	--	--	--	--	--
SDev	11.19010	--	--	--	--	--	--
%RSD	.4447068	--	--	--	--	--	--
#1	2508	--	--	--	--	--	--
#2	2524	--	--	--	--	--	--

Analysis Report 12/14/05 00:10:31 AM page 1

Method: TRACE2 Sample Name: AD570868/SD Operator: SW
Run Time: 12/14/05 00:06:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12301	1.0567	.33659	1.0143	.95028	1.2705	.96626
SDev	.00308	.0040	.00133	.0036	.00296	.0048	.00299
%RSD	2.5075	.38249	.39557	.35344	.31130	.37863	.30953
#1	.12519	1.0596	.33565	1.0168	.95237	1.2739	.96838
#2	.12083	1.0539	.33753	1.0117	.94819	1.2671	.96415
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.96949	.96897	1.0310	.25694	1.1780	.15035	1.5849
SDev	.00315	.00123	.0033	.00011	.0101	.00096	.0029
%RSD	.32539	.12718	.32097	.04435	.85421	.63581	.18481
#1	.97172	.96984	1.0334	.25702	1.1851	.15103	1.5869
#2	.96726	.96810	1.0287	.25686	1.1709	.14967	1.5828
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0449	H1205.3	1.3432	.98657	1.0425	1.0239	1.0448
SDev	.0024	1.2	.0038	.00390	.0061	.0054	.0062
%RSD	.23363	.09632	.28037	.39525	.58296	.52272	.59211
#1	1.0432	H1206.2	1.3458	.98933	1.0468	1.0277	1.0492
#2	1.0467	H1204.5	1.3405	.98381	1.0382	1.0201	1.0405
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0432	1.0302	1.0522	3.6368	1.0429	1.4290	1.1073
SDev	.0080	.0072	.0057	.0104	.0009	.0057	.0026
%RSD	.76988	.70369	.53749	.28476	.08589	.40043	.23579
#1	1.0488	1.0353	1.0562	3.6442	1.0435	1.4330	1.1091
#2	1.0375	1.0250	1.0482	3.6295	1.0422	1.4249	1.1054
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.01765	1.0651
SDev	.00161	.0035
%RSD	9.1233	.32728
#1	.01878	1.0675
#2	.01651	1.0626
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2528	--	--	--	--	--	--
SDev	12.46276	--	--	--	--	--	--
%RSD	.4929766	--	--	--	--	--	--
#1	2519	--	--	--	--	--	--
#2	2537	--	--	--	--	--	--

Analysis Report QC Standard 12/14/05 00:16:16 AM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 12/14/05 00:11:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.796	.50591	.46588	.50419	.50398	25.561	.47826
SDev	.067	.00290	.00139	.00057	.00110	.075	.00112
%RSD	.25929	.57271	.29801	.11339	.21809	.29502	.23472
#1	25.748	.50386	.46489	.50379	.50320	25.508	.47747
#2	25.843	.50796	.46686	.50460	.50475	25.614	.47906
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48101	.48704	.52110	24.136	24.989	24.781	.49305
SDev	.00013	.00118	.00062	.043	.041	.078	.00050
%RSD	.02602	.24318	.11873	.17810	.16518	.31503	.10093
#1	.48092	.48621	.52066	24.106	24.959	24.725	.49270
#2	.48110	.48788	.52154	24.166	25.018	24.836	.49340
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48902	25.376	.49226	.49195	.50923	.50348	.50564
SDev	.00350	.094	.00145	.00174	.00322	.00156	.00383
%RSD	.71626	.37224	.29497	.35405	.63148	.31080	.75777
#1	.48655	25.309	.49123	.49318	.50696	.50237	.50293
#2	.49150	25.443	.49328	.49072	.51150	.50458	.50835
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51191	.50194	.50750	.52157	.52629	.50963	.49081
SDev	.00692	.00372	.00389	.00043	.00209	.00047	.00197
%RSD	1.3510	.74143	.76586	.08193	.39642	.09208	.40200
#1	.50702	.49931	.50475	.52127	.52482	.50930	.48942
#2	.51680	.50457	.51025	.52187	.52777	.50996	.49221
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.49621	.49935
SDev	.00193	.00056
%RSD	.38914	.11197
#1	.49484	.49896
#2	.49757	.49975
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2632	--	--	--	--	--	--
SDev	4.136644	--	--	--	--	--	--
%RSD	.1571867	--	--	--	--	--	--
#1	2629	--	--	--	--	--	--
#2	2635	--	--	--	--	--	--

Analysis Report Blank Sample 12/14/05 00:20:41 AM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 12/14/05 00:16:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03449	.00082	.00154	.00059	.00020	-.00171	.00007
SDev	.00025	.00026	.00004	.00007	.00001	.00105	.00021
%RSD	.73374	32.298	2.7117	11.604	3.4803	61.368	299.94
#1	.03467	.00063	.00157	.00064	.00020	-.00097	.00022
#2	.03431	.00101	.00151	.00054	.00019	-.00246	-.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00014	.00014	-.00255	.00909	.01010	.01174	.00018
SDev	.00054	.00014	.00016	.01234	.00816	.00032	.00003
%RSD	377.39	93.183	6.2101	135.73	80.818	2.6974	13.773
#1	-.00024	.00024	-.00244	.00037	.01587	.01197	.00017
#2	.00052	.00005	-.00267	.01781	.00433	.01152	.00020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00230	.01372	.00070	.00217	.00111	.00146	-.00256
SDev	.00067	.01268	.00045	.00078	.00061	.00015	.00157
%RSD	28.884	92.475	64.075	35.821	54.945	10.109	61.232
#1	.00277	.00475	.00101	.00271	.00068	.00136	-.00367
#2	.00183	.02268	.00038	.00162	.00154	.00156	-.00145
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00665	-.00274	-.00246	.00136	.00028	.00030	.00013
SDev	.00028	.00309	.00080	.00020	.00133	.00032	.00063
%RSD	4.1844	112.59	32.636	14.934	471.70	107.11	489.55
#1	.00646	-.00493	-.00303	.00150	.00122	.00007	-.00032
#2	.00685	-.00056	-.00190	.00121	-.00066	.00052	.00058
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00374	.00030
SDev	.00146	.00001
%RSD	39.003	4.8928
#1	.00271	.00031
#2	.00477	.00029
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2640	--	--	--	--	--	--
SDev	3.022985	--	--	--	--	--	--
%RSD	.1145282	--	--	--	--	--	--
#1	2642	--	--	--	--	--	--
#2	2637	--	--	--	--	--	--

Analysis Report 12/14/05 00:25:08 AM page 1

Method: TRACE2 Sample Name: AD570879/PB Operator: SW
Run Time: 12/14/05 00:20:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02276	.00169	.00123	.00007	.00000	-.00819	-.00015
SDev	.00070	.00144	.00003	.00000	.00002	.00036	.00014
%RSD	3.0675	84.847	2.7773	.82411	732.73	4.4127	93.576
#1	.02326	.00068	.00125	.00007	.00002	-.00845	-.00025
#2	.02227	.00271	.00121	.00007	-.00001	-.00794	-.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	.00017	-.00282	-.00122	-.00410	.00178	.00004
SDev	.00058	.00013	.00018	.00000	.00572	.00087	.00003
%RSD	232.94	78.175	6.4890	.07573	139.43	48.738	59.407
#1	.00066	.00008	-.00295	-.00122	-.00006	.00239	.00006
#2	-.00016	.00027	-.00269	-.00122	-.00814	.00117	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00085	.01138	.00080	.00127	-.00007	.00038	-.00010
SDev	.00019	.01328	.00046	.00234	.00009	.00072	.00236
%RSD	22.717	116.73	57.347	183.53	132.11	189.47	2382.2
#1	.00099	.02077	.00047	.00293	-.00013	.00089	-.00177
#2	.00072	.00199	.00112	-.00038	-.00000	-.00013	.00157
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00323	.00069	-.00049	.00029	-.00427	-.00015	.00072
SDev	.00023	.00335	.00186	.00007	.00066	.00011	.00021
%RSD	7.2635	485.50	377.81	24.265	15.478	69.419	28.551
#1	.00340	-.00168	-.00181	.00034	-.00380	-.00008	.00058
#2	.00307	.00306	.00082	.00024	-.00473	-.00023	.00087
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00259	.00009
SDev	.00122	.00002
%RSD	47.173	16.485
#1	.00173	.00008
#2	.00345	.00010
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2644	--	--	--	--	--	--
SDev	5.939628	--	--	--	--	--	--
%RSD	.2246158	--	--	--	--	--	--
#1	2640	--	--	--	--	--	--
#2	2649	--	--	--	--	--	--

Analysis Report 12/14/05 00:29:31 AM page 1

Method: TRACE2 Sample Name: AD570878/LCS Operator: SW
Run Time: 12/14/05 00:25:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05944	1.0050	.06579	.95800	.89119	.62176	.90918
SDev	.00015	.0119	.00035	.00369	.00173	.00070	.00007
%RSD	.24717	1.1881	.53562	.38561	.19419	.11207	.00818
#1	.05934	1.0134	.06555	.96062	.89241	.62127	.90923
#2	.05954	.99652	.06604	.95539	.88996	.62225	.90913
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	LC Pass
High		1.2000		1.2000	1.2000		1.2000
Low		.80000		.80000	.80000		.80000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.89633	.89804	.97541	.08368	.46072	.10732	.88137
SDev	.00017	.00002	.00107	.00826	.00870	.00008	.00096
%RSD	.01863	.00245	.10991	9.8694	1.8880	.07296	.10835
#1	.89621	.89802	.97617	.07784	.46687	.10738	.88069
#2	.89645	.89805	.97465	.08952	.45457	.10727	.88204
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	1.2000	1.2000	1.2000				1.2000
Low	.80000	.80000	.80000				.80000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98152	1395.2	.90626	.92505	.98604	.96573	1.0033
SDev	.00528	8.6	.00273	.00220	.00214	.00069	.0004
%RSD	.53789	.61641	.30159	.23835	.21705	.07179	.03619
#1	.97778	1389.1	.90819	.92350	.98756	.96622	1.0036
#2	.98525	1401.3	.90433	.92661	.98453	.96524	1.0031
Errors	LC Pass	NOCHECK	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	1.2000		1.2000			1.2000	1.2000
Low	.80000		.80000			.80000	.80000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97166	.98929	1.0104	.00068	.99326	.95215	.97672
SDev	.00321	.00013	.0005	.00006	.01191	.00143	.00089
%RSD	.33031	.01314	.04748	9.0696	1.1989	.15006	.09150
#1	.96939	.98938	1.0107	.00072	.98484	.95316	.97608
#2	.97393	.98919	1.0100	.00063	1.0017	.95114	.97735
Errors	LC Pass	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.2000				1.2000	1.2000	1.2000
Low	.80000				.80000	.80000	.80000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00975	1.1313
SDev	.00189	.0000
%RSD	19.422	.00008
#1	.00841	1.1313
#2	.01109	1.1313
Errors	NOCHECK	LC Pass
High		1.2000
Low		.80000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2492	--	--	--	--	--	--
SDev	1.696987	--	--	--	--	--	--
%RSD	.0680967	--	--	--	--	--	--
#1	2491	--	--	--	--	--	--
#2	2493	--	--	--	--	--	--

Analysis Report 12/14/05 00:33:56 AM page 1

Method: TRACE2 Sample Name: AD570877/EBLK Operator: SW
Run Time: 12/14/05 00:29:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05494	.00501	H.07105	H.00781	.00017	H.63350	-.00007
SDev	.00148	.00033	.00013	.00023	.00003	.00022	.00003
%RSD	2.6865	6.5587	.18600	2.8917	17.642	.03460	40.303
#1	.05598	.00524	H.07096	H.00797	.00019	H.63365	-.00009
#2	.05389	.00477	H.07114	H.00766	.00015	H.63334	-.00005
Errors	LC Pass	LC Pass	LC High	LC High	LC Pass	LC High	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00018	.00122	.00267	H.05666	.47029	.11486	.00181
SDev	.00020	.00011	.00016	.00086	.01332	.00003	.00004
%RSD	112.31	9.3369	6.1625	1.5204	2.8315	.02575	2.0855
#1	.00032	.00114	.00278	H.05605	.47971	.11484	.00184
#2	.00004	.00130	.00255	H.05727	.46088	.11488	.00178
Errors	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00407	H1417.7	.00202	.00984	.00745	H.00825	.00224
SDev	.00090	1.7	.00019	.00227	.00133	.00164	.00089
%RSD	22.051	.12054	9.6442	23.060	17.877	19.936	39.567
#1	.00470	H1416.5	.00216	.01145	.00839	H.00941	.00162
#2	.00344	H1418.9	.00189	.00824	.00651	H.00709	.00287
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC High	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00855	.00497	.00088	.00102	-.00256	.00041	.01565
SDev	.00024	.00278	.00006	.00032	.00241	.00001	.00076
%RSD	2.8565	56.019	6.7961	31.496	94.393	1.1566	4.8749
#1	.00873	.00300	.00092	.00125	-.00085	.00042	.01619
#2	.00838	.00693	.00084	.00079	-.00427	.00041	.01511
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00725	.00024
SDev	.00049	.00017
%RSD	6.7080	71.935
#1	.00690	.00036
#2	.00759	.00012
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2494	--	--	--	--	--	--
SDev	14.00058	--	--	--	--	--	--
%RSD	.5614604	--	--	--	--	--	--
#1	2484	--	--	--	--	--	--
#2	2504	--	--	--	--	--	--

Analysis Report 12/14/05 00:38:20 AM page 1

Method: TRACE2 Sample Name: AD570873 Operator: SW
Run Time: 12/14/05 00:33:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.221	.02142	1.2984	.13610	.00098	74.316	-.00097
SDev	.075	.00060	.0071	.00011	.00004	.387	.00010
%RSD	.37021	2.8174	.54818	.08249	3.7336	.52122	10.756
#1	20.168	.02099	1.2934	.13602	.00095	74.042	-.00090
#2	20.273	.02184	1.3035	.13618	.00100	74.590	-.00105
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00311	.20539	.82924	44.545	7.7185	162.37	.45241
SDev	.00001	.00040	.00218	.125	.0276	.60	.00131
%RSD	.19658	.19244	.26264	.28035	.35822	.36867	.28930
#1	.00311	.20567	.82770	44.457	7.7380	161.95	.45149
#2	.00312	.20511	.83078	44.634	7.6989	162.80	.45334
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00981	H2220.4	.68696	.03063	.02947	.02986	.00063
SDev	.00053	15.2	.00268	.00223	.00239	.00085	.00136
%RSD	5.4582	.68631	.38969	7.2896	8.0938	2.8391	214.68
#1	.00943	H2209.6	.68506	.03221	.02779	.02926	.00159
#2	.01019	H2231.2	.68885	.02905	.03116	.03046	-.00033
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01215	.00503	-.00156	.04341	L-.02451	.00486	H6.3687
SDev	.00135	.00109	.00150	.00081	.00136	.00057	.0407
%RSD	11.070	21.607	95.708	1.8747	5.5519	11.648	.63981
#1	.01310	.00579	-.00051	.04398	L-.02547	.00526	H6.3399
#2	.01120	.00426	-.00262	.04283	L-.02354	.00446	H6.3975
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC High
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.02094	.00042
SDev	.00227	.00011
%RSD	10.832	26.970
#1	.01934	.00034
#2	.02255	.00050
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2398	--	--	--	--	--	--
SDev	6.788122	--	--	--	--	--	--
%RSD	.2831038	--	--	--	--	--	--
#1	2403	--	--	--	--	--	--
#2	2393	--	--	--	--	--	--

Analysis Report 12/14/05 00:42:44 AM page 1

Method: TRACE2 Sample Name: AD570873/L (1:5) Operator: SW
Run Time: 12/14/05 00:38:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.0318	.00524	.26267	.02797	.00053	16.008	-.00021
SDev	.2482	.00222	.01581	.00171	.00014	.916	.00017
%RSD	6.1560	42.413	6.0190	6.1211	26.573	5.7204	81.000
#1	4.2073	.00367	.27385	.02918	.00063	16.656	-.00033
#2	3.8563	.00681	.25149	.02676	.00043	15.360	-.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00085	.04352	.16182	9.6978	.97898	35.581	.09579
SDev	.00014	.00279	.00962	.5317	.06070	2.095	.00553
%RSD	16.133	6.3994	5.9449	5.4823	6.2000	5.8888	5.7765
#1	.00075	.04549	.16862	10.074	1.0219	37.063	.09971
#2	.00094	.04155	.15502	9.3218	.93606	34.100	.09188
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00156	H540.99	.14715	.00701	.00930	.00854	.00037
SDev	.00131	25.99	.00863	.00024	.00285	.00182	.00081
%RSD	83.707	4.8040	5.8669	3.4554	30.587	21.285	220.29
#1	.00064	H559.37	.15326	.00718	.00729	.00725	.00094
#2	.00249	H522.61	.14105	.00684	.01132	.00982	-.00021
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00531	.00429	-.00159	.01032	-.00396	.00084	1.3641
SDev	.00164	.00109	.00176	.00026	.00172	.00006	.0783
%RSD	30.829	25.413	110.65	2.4887	43.365	7.2908	5.7377
#1	.00647	.00352	-.00035	.01050	-.00517	.00080	1.4195
#2	.00415	.00506	-.00284	.01014	-.00274	.00088	1.3088
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00797	.00025
SDev	.00130	.00007
%RSD	16.337	26.944
#1	.00889	.00030
#2	.00705	.00020
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2358	--	--	--	--	--	--
SDev	114.0210	--	--	--	--	--	--
%RSD	4.834879	--	--	--	--	--	--
#1	2278	--	--	--	--	--	--
#2	2439	--	--	--	--	--	--

Analysis Report 12/14/05 00:47:09 AM page 1

Method: TRACE2 Sample Name: AD570873/PS Operator: SW
Run Time: 12/14/05 00:42:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.890	1.0776	1.2811	1.1043	.96996	74.003	.93716
SDev	.117	.0093	.0009	.0070	.00575	.629	.00682
%RSD	.58875	.86085	.06703	.63225	.59229	.84967	.72726
#1	19.972	1.0841	1.2805	1.1093	.96590	73.559	.93234
#2	19.807	1.0710	1.2817	1.0994	.97402	74.448	.94198
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.91384	1.1257	1.8302	44.320	7.4461	160.73	1.3539
SDev	.00551	.0064	.0133	.327	.1085	.82	.0080
%RSD	.60318	.57081	.72857	.73819	1.4576	.50995	.58915
#1	.90994	1.1211	1.8396	44.088	7.5228	160.15	1.3482
#2	.91774	1.1302	1.8208	44.551	7.3693	161.31	1.3595
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0291	H2237.9	1.7126	.94964	1.0245	.99955	1.0949
SDev	.0094	.8	.0078	.00310	.0087	.00682	.0014
%RSD	.91243	.03373	.45477	.32686	.84721	.68259	.13061
#1	1.0224	H2237.4	1.7071	.94744	1.0183	.99473	1.0959
#2	1.0357	H2238.4	1.7181	.95183	1.0306	1.0044	1.0939
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99129	1.0794	1.1027	.04749	.96529	.97601	H7.3177
SDev	.00070	.0107	.0032	.00001	.00918	.00205	.0818
%RSD	.07080	.98822	.28914	.02785	.95057	.20976	1.1180
#1	.99079	1.0869	1.1004	.04750	.95880	.97456	H7.2599
#2	.99178	1.0718	1.1049	.04748	.97178	.97746	H7.3756
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC High
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.02031	1.0983
SDev	.00189	.0019
%RSD	9.3295	.17107
#1	.01897	1.0996
#2	.02165	1.0970
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2324	--	--	--	--	--	--
SDev	29.69848	--	--	--	--	--	--
%RSD	1.277931	--	--	--	--	--	--
#1	2345	--	--	--	--	--	--
#2	2303	--	--	--	--	--	--

Analysis Report 12/14/05 00:51:34 AM page 1

Method: TRACE2 Sample Name: AD570874/MS Operator: SW
Run Time: 12/14/05 00:47:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.010	1.0664	1.3092	1.0816	.93604	76.536	.91411
SDev	.026	.0015	.0012	.0004	.00226	.230	.00178
%RSD	.12897	.13912	.09412	.03389	.24167	.30039	.19414
#1	19.992	1.0674	1.3084	1.0813	.93444	76.374	.91285
#2	20.028	1.0653	1.3101	1.0818	.93764	76.699	.91536
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.90945	1.1129	1.7083	45.675	7.4244	165.63	1.3545
SDev	.00300	.0021	.0016	.036	.0144	.51	.0015
%RSD	.33011	.18818	.09507	.07953	.19461	.30815	.10862
#1	.90733	1.1114	1.7072	45.649	7.4346	165.27	1.3534
#2	.91158	1.1144	1.7094	45.700	7.4142	165.99	1.3555
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0116	H2273.0	1.3828	.95416	1.0188	.99724	1.0576
SDev	.0054	.8	.0020	.00013	.0054	.00368	.0051
%RSD	.52941	.03496	.14388	.01357	.53481	.36874	.47780
#1	1.0078	H2272.4	1.3814	.95407	1.0149	.99464	1.0541
#2	1.0154	H2273.6	1.3842	.95425	1.0226	.99984	1.0612
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97638	1.0519	1.0605	.04313	.43503	.97315	H7.5402
SDev	.00318	.0031	.0060	.00019	.01836	.00065	.0315
%RSD	.32561	.29479	.56856	.43889	4.2206	.06695	.41749
#1	.97413	1.0497	1.0563	.04327	.42205	.97269	H7.5179
#2	.97863	1.0541	1.0648	.04300	.44802	.97361	H7.5625
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC High
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.02182	1.1861
SDev	.00126	.0007
%RSD	5.7637	.05584
#1	.02271	1.1856
#2	.02093	1.1865
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2276	--	--	--	--	--	--
SDev	9.068610	--	--	--	--	--	--
%RSD	.3983685	--	--	--	--	--	--
#1	2270	--	--	--	--	--	--
#2	2283	--	--	--	--	--	--

Analysis Report 12/14/05 00:55:59 AM page 1

Method: TRACE2 Sample Name: AD570875/SD Operator: SW
Run Time: 12/14/05 00:51:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.568	1.0623	1.2774	1.0716	.93102	75.635	.90499
SDev	.022	.0066	.0046	.0019	.00388	.377	.00384
%RSD	.11318	.61771	.36386	.17308	.41671	.49797	.42456
#1	19.553	1.0577	1.2741	1.0703	.92827	75.369	.90227
#2	19.584	1.0670	1.2807	1.0729	.93376	75.901	.90771
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.90164	1.0989	1.6792	44.652	7.2000	162.31	1.3325
SDev	.00196	.0028	.0013	.089	.0202	.44	.0039
%RSD	.21690	.25629	.07501	.19945	.28111	.27239	.29327
#1	.90026	1.0969	1.6783	44.589	7.2143	162.00	1.3297
#2	.90303	1.1009	1.6800	44.715	7.1857	162.62	1.3353
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0024	H2220.6	1.3662	.94292	1.0135	.98998	1.0543
SDev	.0073	.3	.0057	.00405	.0085	.00432	.0024
%RSD	.72504	.01220	.41829	.42954	.83799	.43596	.22719
#1	.99725	H2220.8	1.3621	.94579	1.0075	.98693	1.0526
#2	1.0075	H2220.4	1.3702	.94006	1.0195	.99303	1.0560
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.96172	1.0463	1.0583	.03948	.45703	.96545	H7.4685
SDev	.00882	.0031	.0052	.00006	.01838	.00273	.0559
%RSD	.91665	.30093	.48826	.15614	4.0224	.28256	.74790
#1	.95549	1.0485	1.0547	.03944	.44403	.96352	H7.4290
#2	.96795	1.0441	1.0620	.03952	.47003	.96738	H7.5080
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC High
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.01766	1.1633
SDev	.00003	.0040
%RSD	.18450	.34405
#1	.01769	1.1605
#2	.01764	1.1662
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2278	--	--	--	--	--	--
SDev	.3713346	--	--	--	--	--	--
%RSD	.0162987	--	--	--	--	--	--
#1	2279	--	--	--	--	--	--
#2	2278	--	--	--	--	--	--

Analysis Report 12/14/05 01:00:25 AM page 1

Method: TRACE2 Sample Name: AD570876 Operator: SW
Run Time: 12/14/05 00:56:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.60676	.01224	.34483	.88277	.00102	108.63	L-.00422
SDev	.00091	.00011	.00127	.00042	.00004	.17	.00026
%RSD	.14932	.88789	.36742	.04818	3.6055	.15379	6.1653
#1	.60740	.01231	.34572	.88307	.00105	108.75	L-.00440
#2	.60612	.01216	.34393	.88247	.00099	108.51	L-.00404
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06232	.01661	.01465	53.141	14.980	11.395	.12661
SDev	.00014	.00001	.00012	.116	.018	.030	.00011
%RSD	.22032	.08468	.80332	.21796	.11876	.26637	.08732
#1	.06241	.01662	.01474	53.223	14.992	11.416	.12669
#2	.06222	.01660	.01457	53.060	14.967	11.373	.12653
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	10.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01925	H1479.7	1.5967	.08097	.08630	.08452	.00265
SDev	.00113	.7	.0021	.00087	.00225	.00121	.00072
%RSD	5.8721	.04935	.13125	1.0799	2.6120	1.4342	27.080
#1	.02005	H1480.3	1.5982	.08035	.08789	.08538	.00316
#2	.01845	H1479.2	1.5952	.08159	.08470	.08367	.00214
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02037	.00900	-.00053	.00882	.02311	.22696	2.0470
SDev	.00239	.00193	.00011	.00039	.01059	.00061	.0071
%RSD	11.734	21.417	21.270	4.4346	45.818	.26751	.34817
#1	.01868	.01037	-.00045	.00854	.03060	.22739	2.0520
#2	.02206	.00764	-.00061	.00910	.01562	.22653	2.0419
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.02836	.00055
SDev	.00237	.00003
%RSD	8.3560	5.9803
#1	.02668	.00053
#2	.03003	.00057
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2348	--	--	--	--	--	--
SDev	1.060660	--	--	--	--	--	--
%RSD	.0451667	--	--	--	--	--	--
#1	2349	--	--	--	--	--	--
#2	2348	--	--	--	--	--	--

Analysis Report 12/14/05 01:04:51 AM page 1

Method: TRACE2 Sample Name: AD570884/PB Operator: SW
Run Time: 12/14/05 01:00:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02618	.00028	.00152	.00011	.00013	.00174	-.00016
SDev	.00060	.00126	.00020	.00001	.00000	.00075	.00000
%RSD	2.2757	448.28	13.106	7.0469	1.8499	43.034	2.4176
#1	.02660	.00117	.00166	.00011	.00013	.00121	-.00016
#2	.02576	-.00061	.00138	.00010	.00012	.00227	-.00016
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00016	-.00011	-.00280	.00042	-.00156	.00503	.00007
SDev	.00011	.00008	.00035	.00465	.00782	.00207	.00005
%RSD	66.886	74.793	12.335	1095.3	501.54	41.258	70.774
#1	-.00008	-.00017	-.00304	.00372	.00397	.00649	.00011
#2	-.00023	-.00005	-.00256	-.00287	-.00708	.00356	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00076	H1.2689	.00069	.00312	.00125	.00187	-.00256
SDev	.00005	.0101	.00009	.00191	.00020	.00077	.00093
%RSD	5.9311	.79649	12.795	61.147	16.052	41.097	36.189
#1	.00073	H1.2760	.00075	.00448	.00139	.00242	-.00191
#2	.00079	H1.2617	.00063	.00177	.00111	.00133	-.00322
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00362	-.00243	-.00263	.00046	.01826	-.00030	.00080
SDev	.00114	.00036	.00157	.00034	.00098	.00011	.00021
%RSD	31.360	14.593	59.689	74.574	5.3439	36.879	26.596
#1	.00282	-.00268	-.00152	.00070	.01895	-.00038	.00095
#2	.00443	-.00218	-.00374	.00022	.01757	-.00022	.00065
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00313	.00014
SDev	.00039	.00018
%RSD	12.330	131.42
#1	.00286	.00027
#2	.00341	.00001
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2540	--	--	--	--	--	--
SDev	7.901953	--	--	--	--	--	--
%RSD	.3110745	--	--	--	--	--	--
#1	2546	--	--	--	--	--	--
#2	2535	--	--	--	--	--	--

Analysis Report QC Standard 12/14/05 01:10:36 AM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 12/14/05 01:06:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.868	.50315	.46705	.50420	.50513	25.751	.47799
SDev	.029	.00404	.00181	.00038	.00059	.026	.00070
%RSD	.11057	.80211	.38759	.07539	.11620	.10040	.14612
#1	25.848	.50600	.46577	.50393	.50471	25.732	.47750
#2	25.889	.50029	.46833	.50447	.50554	25.769	.47848
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48116	.48912	.52079	24.155	24.950	24.728	.49306
SDev	.00040	.00030	.00034	.004	.006	.032	.00036
%RSD	.08272	.06229	.06561	.01828	.02561	.12831	.07272
#1	.48088	.48890	.52055	24.151	24.954	24.705	.49281
#2	.48144	.48933	.52104	24.158	24.945	24.750	.49332
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48800	25.482	.49418	.49296	.50833	.50321	.49970
SDev	.00411	.084	.00018	.00117	.00094	.00102	.00013
%RSD	.84198	.32812	.03750	.23818	.18523	.20250	.02687
#1	.48510	25.423	.49405	.49213	.50766	.50249	.49980
#2	.49091	25.542	.49431	.49379	.50899	.50393	.49961
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50822	.49218	.50348	.52443	Q.37472	.51201	.49220
SDev	.00658	.00180	.00110	.00071	.02566	.00054	.00133
%RSD	1.2951	.36602	.21891	.13559	6.8479	.10631	.27042
#1	.50356	.49090	.50425	.52393	Q.35657	.51162	.49126
#2	.51287	.49345	.50270	.52493	Q.39286	.51239	.49314
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Fail	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.49556	.50099
SDev	.00434	.00052
%RSD	.87593	.10459
#1	.49249	.50062
#2	.49863	.50136
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2577	--	--	--	--	--	--
SDev	20.09954	--	--	--	--	--	--
%RSD	.7799023	--	--	--	--	--	--
#1	2563	--	--	--	--	--	--
#2	2591	--	--	--	--	--	--

Analysis Report Blank Sample 12/14/05 01:15:01 AM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 12/14/05 01:10:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03114	.00096	.00133	.00020	.00021	-.00194	.00004
SDev	.00184	.00171	.00032	.00001	.00000	.00072	.00006
%RSD	5.8976	177.93	24.146	2.6623	1.7234	36.991	137.36
#1	.03243	.00218	.00155	.00021	.00021	-.00143	.00008
#2	.02984	-.00025	.00110	.00020	.00020	-.00245	.00000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00009	.00020	-.00265	.00839	.00303	.00989	.00019
SDev	.00009	.00029	.00036	.00450	.00135	.00091	.00007
%RSD	99.057	143.64	13.555	53.648	44.447	9.2399	39.383
#1	.00016	.00041	-.00239	.00520	.00398	.01053	.00014
#2	.00003	-.00000	-.00290	.01157	.00207	.00924	.00024
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00196	.02482	.00033	.00186	.00100	.00129	-.00205
SDev	.00018	.01202	.00010	.00190	.00173	.00179	.00094
%RSD	9.3596	48.425	31.003	102.63	172.84	139.13	45.929
#1	.00209	.01632	.00026	.00051	-.00022	.00002	-.00271
#2	.00183	.03332	.00040	.00320	.00223	.00255	-.00138
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00621	-.00098	-.00258	.00065	H.03147	-.00007	.00014
SDev	.00208	.00232	.00257	.00025	.00307	.00000	.00021
%RSD	33.422	236.63	99.762	37.886	9.7432	1.4785	146.16
#1	.00474	.00066	-.00440	.00083	H.03364	-.00007	-.00000
#2	.00768	-.00263	-.00076	.00048	H.02930	-.00008	.00029
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC High	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00348	.00036
SDev	.00184	.00002
%RSD	52.804	4.2422
#1	.00479	.00037
#2	.00218	.00035
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2612	--	--	--	--	--	--
SDev	8.538279	--	--	--	--	--	--
%RSD	.3268695	--	--	--	--	--	--
#1	2606	--	--	--	--	--	--
#2	2618	--	--	--	--	--	--

Analysis Report 12/13/05 10:08:35 AM page 1

STL Buffalo Analyst: AK Date: 12-13-05 Secondary Review: [illegible] Date: 12/13/05
Spikes: 13-MDL-01, 1-MDL-5, 5-118-E, 5-118-F, 2-MDL-17
Pippettes: 11-11-05-(1-12)

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	STD BLK	C121205	TRACE2	12/12/05	13:29		X	IR
2	STD 1 6-019-C	C121205	TRACE2	12/12/05	13:33		X	IR
3	STD 2 6-019-D	C121205	TRACE2	12/12/05	13:37		X	IR
4	STD 3 6-019-B	C121205	TRACE2	12/12/05	13:41		X	IR
5	STD 3 VER ↓	C121205	TRACE2	12/12/05	13:46	SW	B	CONC
6	ICV 6-017-E	C121205	TRACE2	12/12/05	13:50	SW	Q	CONC
7	ICB 6-011-A	C121205	TRACE2	12/12/05	13:55	SW	B	CONC
8	CRI 6-016-A	C121205	TRACE2	12/12/05	13:59	SW	B	CONC
9	ICSA 6-010-B	C121205	TRACE2	12/12/05	14:03	SW	Q	CONC
10	ICSAB 6-010-C	C121205	TRACE2	12/12/05	14:08	SW	Q	CONC
11	CCV 6-017-F	C121205	TRACE2	12/12/05	14:13	SW	Q	CONC
12	CCB 6-011-A	C121205	TRACE2	12/12/05	14:18	SW	B	CONC
13	CCV	C121205	TRACE2	12/12/05	14:27	SW	Q	CONC
14	CCB	C121205	TRACE2	12/12/05	14:32	SW	B	CONC
15	AD570008/PB	C121205	TRACE2	12/12/05	14:36	SW	S	CONC
16	AD570007/FB	C121205	TRACE2	12/12/05	14:40	SW	S	CONC
17	AD569987 D853	C121205	TRACE2	12/12/05	14:45	SW	S	CONC
18	AD569988	C121205	TRACE2	12/12/05	14:49	SW	S	CONC
19	AD569989	C121205	TRACE2	12/12/05	14:53	SW	S	CONC
20	AD569990	C121205	TRACE2	12/12/05	14:58	SW	S	CONC
21	AD569991	C121205	TRACE2	12/12/05	15:02	SW	S	CONC
22	AD569992	C121205	TRACE2	12/12/05	15:07	SW	S	CONC
23	AD569993	C121205	TRACE2	12/12/05	15:11	SW	S	CONC
24	AD569994	C121205	TRACE2	12/12/05	15:15	SW	S	CONC
25	CCV	C121205	TRACE2	12/12/05	15:21	SW	Q	CONC
26	CCB	C121205	TRACE2	12/12/05	15:25	SW	B	CONC
27	AD569995	C121205	TRACE2	12/12/05	15:30	SW	S	CONC
28	AD569996	C121205	TRACE2	12/12/05	15:34	SW	S	CONC
29	AD569997	C121205	TRACE2	12/12/05	15:39	SW	S	CONC
30	AD569998	C121205	TRACE2	12/12/05	15:43	SW	S	CONC
31	AD569999	C121205	TRACE2	12/12/05	15:47	SW	S	CONC
32	AD570000	C121205	TRACE2	12/12/05	15:52	SW	S	CONC
33	AD570001	C121205	TRACE2	12/12/05	15:56	SW	S	CONC
34	AD570002	C121205	TRACE2	12/12/05	16:01	SW	S	CONC
35	AD570003	C121205	TRACE2	12/12/05	16:05	SW	S	CONC
36	AD570003/L (1:5)	C121205	TRACE2	12/12/05	16:09	SW	S	CONC
37	CCV	C121205	TRACE2	12/12/05	16:15	SW	Q	CONC
38	CCB	C121205	TRACE2	12/12/05	16:19	SW	B	CONC
39	AD570003/PS	C121205	TRACE2	12/12/05	16:24	SW	S	CONC
40	AD570004/MD	C121205	TRACE2	12/12/05	16:28	SW	S	CONC
41	AD570005/MS	C121205	TRACE2	12/12/05	17:09	SW	S	CONC
42	AD570006/SD	C121205	TRACE2	12/12/05	17:13	SW	S	CONC
43	AD570262 D959	C121205	TRACE2	12/12/05	17:17	SW	S	CONC
44	AD570330 D911	C121205	TRACE2	12/12/05	17:25	SW	S	CONC
45	AD570332	C121205	TRACE2	12/12/05	17:29	SW	S	CONC
46	CRI	C121205	TRACE2	12/12/05	17:37	SW	B	CONC
47	ICSA	C121205	TRACE2	12/12/05	17:42	SW	Q	CONC
48	ICSAB	C121205	TRACE2	12/12/05	17:46	SW	Q	CONC
49	CCV	C121205	TRACE2	12/12/05	17:52	SW	Q	CONC
50	CCB	C121205	TRACE2	12/12/05	17:56	SW	B	CONC

Analysis Report Summary 12/13/05 10:08:35 AM page 2

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
51	AD570341 D929	C121205	TRACE2	12/12/05	18:01	SW	S	CONC
52	AD570342	C121205	TRACE2	12/12/05	18:05	SW	S	CONC
53	AD570307 D903	C121205	TRACE2	12/12/05	18:09	SW	S	CONC
54	AD570315	C121205	TRACE2	12/12/05	18:14	SW	S	CONC
55	AD570086/(1:10) D816	C121205	TRACE2	12/12/05	18:18	SW	S	CONC
56	AD570086/L (1:50)	C121205	TRACE2	12/12/05	18:23	SW	S	CONC
57	AD570086/PS (1:10)	C121205	TRACE2	12/12/05	18:27	SW	S	CONC
58	AD570087/(1:10)	C121205	TRACE2	12/12/05	18:31	SW	S	CONC
59	AD570088/(1:10)	C121205	TRACE2	12/12/05	18:36	SW	S	CONC
60	AD570102/(1:20) D876	C121205	TRACE2	12/12/05	18:40	SW	S	CONC
61	CCV	C121205	TRACE2	12/12/05	18:46	SW	Q	CONC
62	CCB AK 12-13-05	C121205	TRACE2	12/12/05	18:50	SW	B	CONC
63	AD570247/(1:5) ~~D903~~ D816	C121205	TRACE2	12/12/05	18:55	SW	S	CONC
64	AD570248/(1:5)	C121205	TRACE2	12/12/05	18:59	SW	S	CONC
65	AD570334/(1:10) D928	C121205	TRACE2	12/12/05	19:03	SW	S	CONC
66	AD570335/(1:10)	C121205	TRACE2	12/12/05	19:08	SW	S	CONC
67	AD570336/(1:10)	C121205	TRACE2	12/12/05	19:12	SW	S	CONC
68	AD570318/(1:100) D955	C121205	TRACE2	12/12/05	19:17	SW	S	CONC
69	AD570319/(1:5)	C121205	TRACE2	12/12/05	19:21	SW	S	CONC
70	AD570021 D835	C121205	TRACE2	12/12/05	19:25	SW	S	CONC
71	A5D83501	C121205	TRACE2	12/12/05	19:30	SW	S	CONC
72	AD570186	C121205	TRACE2	12/12/05	19:34	SW	S	CONC
73	CCV	C121205	TRACE2	12/12/05	19:40	SW	Q	CONC
74	CCB	C121205	TRACE2	12/12/05	19:44	SW	B	CONC
75	A5D83501 AK 12-13-05	C121205	TRACE2	12/12/05	19:49	SW	S	CONC
76	AD564147 ~~D61~~ C618	C121205	TRACE2	12/12/05	19:53	SW	S	CONC
77	A5C61804	C121205	TRACE2	12/12/05	19:57	SW	S	CONC
78	CCV	C121205	TRACE2	12/12/05	20:03	SW	Q	CONC
79	CCB	C121205	TRACE2	12/12/05	20:08	SW	B	CONC
80	STD BLK	C121205	TRACE2	12/12/05	20:17		X	IR
81	STD 1	C121205	TRACE2	12/12/05	20:21		X	IR
82	STD 2	C121205	TRACE2	12/12/05	20:25		X	IR
83	STD 3	C121205	TRACE2	12/12/05	20:29		X	IR
84	STD 3 VER	C121205	TRACE2	12/12/05	20:33	SW	B	CONC
85	ICV	C121205	TRACE2	12/12/05	20:38	SW	Q	CONC
86	ICB	C121205	TRACE2	12/12/05	20:42	SW	B	CONC
87	CRI	C121205	TRACE2	12/12/05	20:47	SW	B	CONC
88	ICSA	C121205	TRACE2	12/12/05	20:51	SW	Q	CONC
89	ICSAB	C121205	TRACE2	12/12/05	20:55	SW	Q	CONC
90	CCV	C121205	TRACE2	12/12/05	21:01	SW	Q	CONC
91	CCB	C121205	TRACE2	12/12/05	21:05	SW	B	CONC
92	AD570736/PB	C121205	TRACE2	12/12/05	21:10	SW	S	CONC
93	AD570735/CLPSL	C121205	TRACE2	12/12/05	21:14	SW	S	CONC
94	AD570730 D364	C121205	TRACE2	12/12/05	21:19	SW	S	CONC
95	AD570731	C121205	TRACE2	12/12/05	21:23	SW	S	CONC
96	AD570731/L (1:5)	C121205	TRACE2	12/12/05	21:27	SW	S	CONC
97	AD570731/PS	C121205	TRACE2	12/12/05	21:32	SW	S	CONC
98	AD570732/MD	C121205	TRACE2	12/12/05	21:36	SW	S	CONC
99	AD570733/MS	C121205	TRACE2	12/12/05	21:41	SW	S	CONC
100	AD570734	C121205	TRACE2	12/12/05	21:45	SW	S	CONC
101	AD570563/PB	C121205	TRACE2	12/12/05	21:49	SW	S	CONC
102	CCV	C121205	TRACE2	12/12/05	21:55	SW	Q	CONC
103	CCB	C121205	TRACE2	12/12/05	22:00	SW	B	CONC
104	AD570562/FB	C121205	TRACE2	12/12/05	22:04	SW	S	CONC

Analysis Report Summary 12/13/05 10:08:35 AM page 3

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
105	AD570545 D693	C121205	TRACE2	12/12/05	22:08	SW	S	CONC
106	AD570546 D695	C121205	TRACE2	12/12/05	22:13	SW	S	CONC
107	AD570547 D972	C121205	TRACE2	12/12/05	22:17	SW	S	CONC
108	AD570548 D977	C121205	TRACE2	12/12/05	22:22	SW	S	CONC
109	AD570549 D983	C121205	TRACE2	12/12/05	22:26	SW	S	CONC
110	AD570550	C121205	TRACE2	12/12/05	22:30	SW	S	CONC
111	CRI	C121205	TRACE2	12/12/05	22:37	SW	B	CONC
112	ICSA	C121205	TRACE2	12/12/05	22:42	SW	Q	CONC
113	ICSAB	C121205	TRACE2	12/12/05	22:46	SW	Q	CONC
114	CCV	C121205	TRACE2	12/12/05	22:52	SW	Q	CONC
115	CCB	C121205	TRACE2	12/12/05	22:56	SW	B	CONC
116	AD570551	C121205	TRACE2	12/12/05	23:01	SW	S	CONC
117	AD570552	C121205	TRACE2	12/12/05	23:05	SW	S	CONC
118	AD570553	C121205	TRACE2	12/12/05	23:09	SW	S	CONC
119	AD570554	C121205	TRACE2	12/12/05	23:14	SW	S	CONC
120	AD570555	C121205	TRACE2	12/12/05	23:18	SW	S	CONC
121	AD570555/L (1:5)	C121205	TRACE2	12/12/05	23:23	SW	S	CONC
122	AD570555/PS	C121205	TRACE2	12/12/05	23:27	SW	S	CONC
123	AD570556/MS	C121205	TRACE2	12/12/05	23:31	SW	S	CONC
124	AD570557/SD	C121205	TRACE2	12/12/05	23:36	SW	S	CONC
125	AD570558	C121205	TRACE2	12/12/05	23:40	SW	S	CONC
126	CCV	C121205	TRACE2	12/12/05	23:46	SW	Q	CONC
127	CCB	C121205	TRACE2	12/12/05	23:50	SW	B	CONC
128	AD570559	C121205	TRACE2	12/12/05	23:55	SW	S	CONC
129	AD570560	C121205	TRACE2	12/12/05	23:59	SW	S	CONC
130	AD570561	C121205	TRACE2	12/13/05	00:04	SW	S	CONC
131	AD570583/PB	C121205	TRACE2	12/13/05	00:08	SW	S	CONC
132	AD570582/FB	C121205	TRACE2	12/13/05	00:12	SW	S	CONC
133	AD570564 D979	C121205	TRACE2	12/13/05	00:17	SW	S	CONC
134	AD570565	C121205	TRACE2	12/13/05	00:21	SW	S	CONC
135	AD570566	C121205	TRACE2	12/13/05	00:26	SW	S	CONC
136	AD570567	C121205	TRACE2	12/13/05	00:30	SW	S	CONC
137	AD570568	C121205	TRACE2	12/13/05	00:35	SW	S	CONC
138	CCV	C121205	TRACE2	12/13/05	00:40	SW	Q	CONC
139	CCB	C121205	TRACE2	12/13/05	00:45	SW	B	CONC
140	AD570569	C121205	TRACE2	12/13/05	00:49	SW	S	CONC
141	AD570570	C121205	TRACE2	12/13/05	00:54	SW	S	CONC
142	AD570571	C121205	TRACE2	12/13/05	00:58	SW	S	CONC
143	AD570572	C121205	TRACE2	12/13/05	01:02	SW	S	CONC
144	AD570573	C121205	TRACE2	12/13/05	01:07	SW	S	CONC
145	AD570574	C121205	TRACE2	12/13/05	01:11	SW	S	CONC
146	AD570575	C121205	TRACE2	12/13/05	01:16	SW	S	CONC
147	AD570576	C121205	TRACE2	12/13/05	01:20	SW	S	CONC
148	AD570577	C121205	TRACE2	12/13/05	01:24	SW	S	CONC
149	AD570578 D984	C121205	TRACE2	12/13/05	01:29	SW	S	CONC
150	CCV	C121205	TRACE2	12/13/05	01:35	SW	Q	CONC
151	CCB	C121205	TRACE2	12/13/05	01:39	SW	B	CONC
152	AD570578/L (1:5)	C121205	TRACE2	12/13/05	01:43	SW	S	CONC
153	AD570578/PS	C121205	TRACE2	12/13/05	01:48	SW	S	CONC
154	AD570579/MS	C121205	TRACE2	12/13/05	01:52	SW	S	CONC
155	AD570580/SD	C121205	TRACE2	12/13/05	01:57	SW	S	CONC
156	AD570581 D987	C121205	TRACE2	12/13/05	02:01	SW	S	CONC
157	AD570429/PB	C121205	TRACE2	12/13/05	02:05	SW	S	CONC
158	AD570428/CLPSL	C121205	TRACE2	12/13/05	02:10	SW	S	CONC

Analysis Report Summary 12/13/05 10:08:35 AM page 4

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
159	AD570412 D652	C121205	TRACE2	12/13/05	02:14	SW	S	CONC
160	AD570412/L (1:5)	C121205	TRACE2	12/13/05	02:19	SW	S	CONC
161	AD570412/PS	C121205	TRACE2	12/13/05	02:23	SW	S	CONC
162	CCV	C121205	TRACE2	12/13/05	02:29	SW	Q	CONC
163	CCB	C121205	TRACE2	12/13/05	02:33	SW	B	CONC
164	STD BLK	C121205	TRACE2	12/13/05	02:42		X	IR
165	STD 1	C121205	TRACE2	12/13/05	02:47		X	IR
166	STD 2	C121205	TRACE2	12/13/05	02:51		X	IR
167	STD 3	C121205	TRACE2	12/13/05	02:55		X	IR
168	STD 3 VER	C121205	TRACE2	12/13/05	02:59	SW	B	CONC
169	ICV	C121205	TRACE2	12/13/05	03:04	SW	Q	CONC
170	ICB	C121205	TRACE2	12/13/05	03:08	SW	B	CONC
171	CRI	C121205	TRACE2	12/13/05	03:12	SW	B	CONC
172	ICSA	C121205	TRACE2	12/13/05	03:17	SW	Q	CONC
173	ICSAB	C121205	TRACE2	12/13/05	03:21	SW	Q	CONC
174	CCV	C121205	TRACE2	12/13/05	03:27	SW	Q	CONC
175	CCB	C121205	TRACE2	12/13/05	03:31	SW	B	CONC
176	AD570413	C121205	TRACE2	12/13/05	03:36	SW	S	CONC
177	AD570414 D828	C121205	TRACE2	12/13/05	03:40	SW	S	CONC
178	AD570414/L (1:5)	C121205	TRACE2	12/13/05	03:45	SW	S	CONC
179	AD570414/PS	C121205	TRACE2	12/13/05	03:49	SW	S	CONC
180	AD570415/MS	C121205	TRACE2	12/13/05	03:53	SW	S	CONC
181	AD570416/SD	C121205	TRACE2	12/13/05	03:58	SW	S	CONC
182	AD570417	C121205	TRACE2	12/13/05	04:02	SW	S	CONC
183	AD570418 D859	C121205	TRACE2	12/13/05	04:07	SW	S	CONC
184	AD570418/L (1:5)	C121205	TRACE2	12/13/05	04:11	SW	S	CONC
185	AD570418/PS	C121205	TRACE2	12/13/05	04:15	SW	S	CONC
186	CCV	C121205	TRACE2	12/13/05	04:21	SW	Q	CONC
187	CCB	C121205	TRACE2	12/13/05	04:26	SW	B	CONC
188	AD570419 D909	C121205	TRACE2	12/13/05	04:30	SW	S	CONC
189	AD570419/L (1:5)	C121205	TRACE2	12/13/05	04:35	SW	S	CONC
190	AD570419/PS	C121205	TRACE2	12/13/05	04:39	SW	S	CONC
191	AD570420	C121205	TRACE2	12/13/05	04:43	SW	S	CONC
192	AD570421	C121205	TRACE2	12/13/05	04:48	SW	S	CONC
193	AD570422	C121205	TRACE2	12/13/05	04:52	SW	S	CONC
194	AD570423	C121205	TRACE2	12/13/05	04:57	SW	S	CONC
195	AD570424	C121205	TRACE2	12/13/05	05:01	SW	S	CONC
196	AD570425	C121205	TRACE2	12/13/05	05:05	SW	S	CONC
197	AD570426	C121205	TRACE2	12/13/05	05:10	SW	S	CONC
198	CCV	C121205	TRACE2	12/13/05	05:16	SW	Q	CONC
199	CCB	C121205	TRACE2	12/13/05	05:20	SW	B	CONC
200	AD570427 D967	C121205	TRACE2	12/13/05	05:25	SW	S	CONC
201	AD570427/L (1:5)	C121205	TRACE2	12/13/05	05:29	SW	S	CONC
202	AD570427/PS	C121205	TRACE2	12/13/05	05:33	SW	S	CONC
203	IDOC1AK	C121205	TRACE2	12/13/05	05:38	SW	S	CONC
204	IDOC2AK	C121205	TRACE2	12/13/05	05:42	SW	S	CONC
205	IDOC3AK	C121205	TRACE2	12/13/05	05:47	SW	S	CONC
206	IDOC4AK	C121205	TRACE2	12/13/05	05:51	SW	S	CONC
207	CCV	C121205	TRACE2	12/13/05	05:57	SW	Q	CONC
208	CCB	C121205	TRACE2	12/13/05	06:01	SW	B	CONC

Method: TRACE2
Mode: Concentration
Standards Table: NAKCAMG
Data File: ADEC0605

Element	Wavelength	Date-of-Fit	Type-of-Fit	Correlation
Ca3179	317.933	12/06/05 10:26	Full Fit	.999975
K_7664	766.491	12/06/05 10:26	Full Fit	.999978
Mg2790	279.078	12/06/05 10:26	Full Fit	.999985
Na3302	330.232	12/06/05 10:28	Full Fit	.999936

Calibration Report 12/06/05 09:25:05 AM page 1

Method: TRACE2 Standard Name: STD BLK Operator:
Run Time: 12/06/05 09:22:05
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	.0117830	-.031833	.0095091	.0107502
SDev	.0008721	.008172	.0005807	.0035127
%RSD	7.401681	25.67269	6.107174	32.67514
#1	.0111663	-.026055	.0090984	.0132341
#2	.0123996	-.037612	.0099197	.0082664
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2419	--	--	--	--	--	--
SDev	1.007662	--	--	--	--	--	--
%RSD	.0416611	--	--	--	--	--	--
#1	2418	--	--	--	--	--	--
#2	2419	--	--	--	--	--	--

Calibration Report 12/06/05 09:29:52 AM page 1

Method: TRACE2 Standard Name: STD 1 Operator:
Run Time: 12/06/05 09:26:52
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	3.995118	10.03568	8.659281	.4125920
SDev	.003348	.02293	.003571	.0004265
%RSD	.0838144	.2284771	.0412431	.1033772
#1	3.992751	10.05190	8.661806	.4122904
#2	3.997486	10.01947	8.656755	.4128936
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2427	--	--	--	--	--	--
SDev	.7954952	--	--	--	--	--	--
%RSD	.0327723	--	--	--	--	--	--
#1	2428	--	--	--	--	--	--
#2	2427	--	--	--	--	--	--

Calibration Report 12/06/05 09:35:52 AM page 1

Method: TRACE2 Standard Name: STD 2 Operator:
Run Time: 12/06/05 09:32:52
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	19.99010	46.78748	43.98307	1.996347
SDev	.03750	.11175	.10432	.011570
%RSD	.1875755	.2388471	.2371803	.5795493
#1	20.01662	46.86650	44.05683	2.004528
#2	19.96359	46.70846	43.90930	1.988166
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2412	--	--	--	--	--	--
SDev	6.894291	--	--	--	--	--	--
%RSD	.2858419	--	--	--	--	--	--
#1	2407	--	--	--	--	--	--
#2	2417	--	--	--	--	--	--

Calibration Report 12/06/05 09:41:31 AM page 1

Method: TRACE2 Standard Name: STD 3 Operator:
Run Time: 12/06/05 09:38:31
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	39.20605	92.44864	87.31619	4.179780
SDev	.02923	.24125	.00282	.016626
%RSD	.0745454	.2609556	.0032313	.3977662
#1	39.18538	92.61923	87.31818	4.191536
#2	39.22671	92.27805	87.31419	4.168024
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2396	--	--	--	--	--	--
SDev	2.651650	--	--	--	--	--	--
%RSD	.1106895	--	--	--	--	--	--
#1	2397	--	--	--	--	--	--
#2	2394	--	--	--	--	--	--

Calibration Report 12/06/05 10:02:17 AM page 1

Method: TRACE2 Standard Name: NAKCAMG100 Operator:
Run Time: 12/06/05 09:59:17
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	77.10643	175.8952	175.0920	8.774166
SDev	.10921	.0574	.1806	.009951
%RSD	.1416313	.0326580	.1031251	.1134168
#1	77.18365	175.9358	175.2197	8.767129
#2	77.02921	175.8545	174.9643	8.781202
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2354	--	--	--	--	--	--
SDev	2.810818	--	--	--	--	--	--
%RSD	.1194257	--	--	--	--	--	--
#1	2352	--	--	--	--	--	--
#2	2356	--	--	--	--	--	--

Calibration Report 12/06/05 09:53:27 AM page 1

Method: TRACE2 Standard Name: NAKCAMG400 Operator:
Run Time: 12/06/05 09:50:27
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	293.2113	594.6678	738.5096	42.52835
SDev	.6087	1.1398	1.6472	.10525
%RSD	.2075997	.1916722	.2230415	.2474878
#1	292.7808	593.8618	737.3448	42.45392
#2	293.6417	595.4737	739.6743	42.60277
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2255	--	--	--	--	--	--
SDev	2.439656	--	--	--	--	--	--
%RSD	.1081660	--	--	--	--	--	--
#1	2257	--	--	--	--	--	--
#2	2254	--	--	--	--	--	--

Analysis Report Summary 12/13/05 10:10:17 AM page 1

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	A5C61804	C121205	TRACE2	12/12/05	19:57	SW	S	CONC
2	A5D83501	C121205	TRACE2	12/12/05	19:30	SW	S	CONC
3	A5D83501	C121205	TRACE2	12/12/05	19:49	SW	S	CONC
4	AD564147	C121205	TRACE2	12/12/05	19:53	SW	S	CONC
5	AD569987	C121205	TRACE2	12/12/05	14:45	SW	S	CONC
6	AD569988	C121205	TRACE2	12/12/05	14:49	SW	S	CONC
7	AD569989	C121205	TRACE2	12/12/05	14:53	SW	S	CONC
8	AD569990	C121205	TRACE2	12/12/05	14:58	SW	S	CONC
9	AD569991	C121205	TRACE2	12/12/05	15:02	SW	S	CONC
10	AD569992	C121205	TRACE2	12/12/05	15:07	SW	S	CONC
11	AD569993	C121205	TRACE2	12/12/05	15:11	SW	S	CONC
12	AD569994	C121205	TRACE2	12/12/05	15:15	SW	S	CONC
13	AD569995	C121205	TRACE2	12/12/05	15:30	SW	S	CONC
14	AD569996	C121205	TRACE2	12/12/05	15:34	SW	S	CONC
15	AD569997	C121205	TRACE2	12/12/05	15:39	SW	S	CONC
16	AD569998	C121205	TRACE2	12/12/05	15:43	SW	S	CONC
17	AD569999	C121205	TRACE2	12/12/05	15:47	SW	S	CONC
18	AD570000	C121205	TRACE2	12/12/05	15:52	SW	S	CONC
19	AD570001	C121205	TRACE2	12/12/05	15:56	SW	S	CONC
20	AD570002	C121205	TRACE2	12/12/05	16:01	SW	S	CONC
21	AD570003	C121205	TRACE2	12/12/05	16:05	SW	S	CONC
22	AD570003/L (1:5)	C121205	TRACE2	12/12/05	16:09	SW	S	CONC
23	AD570003/PS	C121205	TRACE2	12/12/05	16:24	SW	S	CONC
24	AD570004/MD	C121205	TRACE2	12/12/05	16:28	SW	S	CONC
25	AD570005/MS	C121205	TRACE2	12/12/05	17:09	SW	S	CONC
26	AD570006/SD	C121205	TRACE2	12/12/05	17:13	SW	S	CONC
27	AD570007/FB	C121205	TRACE2	12/12/05	14:40	SW	S	CONC
28	AD570008/PB	C121205	TRACE2	12/12/05	14:36	SW	S	CONC
29	AD570021	C121205	TRACE2	12/12/05	19:25	SW	S	CONC
30	AD570086/(1:10)	C121205	TRACE2	12/12/05	18:18	SW	S	CONC
31	AD570086/L (1:50)	C121205	TRACE2	12/12/05	18:23	SW	S	CONC
32	AD570086/PS (1:10)	C121205	TRACE2	12/12/05	18:27	SW	S	CONC
33	AD570087/(1:10)	C121205	TRACE2	12/12/05	18:31	SW	S	CONC
34	AD570088/(1:10)	C121205	TRACE2	12/12/05	18:36	SW	S	CONC
35	AD570102/(1:20)	C121205	TRACE2	12/12/05	18:40	SW	S	CONC
36	AD570186	C121205	TRACE2	12/12/05	19:34	SW	S	CONC
37	AD570247/(1:5)	C121205	TRACE2	12/12/05	18:55	SW	S	CONC
38	AD570248/(1:5)	C121205	TRACE2	12/12/05	18:59	SW	S	CONC
39	AD570262	C121205	TRACE2	12/12/05	17:17	SW	S	CONC
40	AD570307	C121205	TRACE2	12/12/05	18:09	SW	S	CONC
41	AD570315	C121205	TRACE2	12/12/05	18:14	SW	S	CONC
42	AD570318/(1:100)	C121205	TRACE2	12/12/05	19:17	SW	S	CONC
43	AD570319/(1:5)	C121205	TRACE2	12/12/05	19:21	SW	S	CONC
44	AD570330	C121205	TRACE2	12/12/05	17:25	SW	S	CONC
45	AD570332	C121205	TRACE2	12/12/05	17:29	SW	S	CONC
46	AD570334/(1:10)	C121205	TRACE2	12/12/05	19:03	SW	S	CONC
47	AD570335/(1:10)	C121205	TRACE2	12/12/05	19:08	SW	S	CONC
48	AD570336/(1:10)	C121205	TRACE2	12/12/05	19:12	SW	S	CONC
49	AD570341	C121205	TRACE2	12/12/05	18:01	SW	S	CONC
50	AD570342	C121205	TRACE2	12/12/05	18:05	SW	S	CONC
51	AD570412	C121205	TRACE2	12/13/05	02:14	SW	S	CONC
52	AD570412/L (1:5)	C121205	TRACE2	12/13/05	02:19	SW	S	CONC
53	AD570412/PS	C121205	TRACE2	12/13/05	02:23	SW	S	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
54	AD570413	C121205	TRACE2	12/13/05	03:36	SW	S	CONC
55	AD570414	C121205	TRACE2	12/13/05	03:40	SW	S	CONC
56	AD570414/L (1:5)	C121205	TRACE2	12/13/05	03:45	SW	S	CONC
57	AD570414/PS	C121205	TRACE2	12/13/05	03:49	SW	S	CONC
58	AD570415/MS	C121205	TRACE2	12/13/05	03:53	SW	S	CONC
59	AD570416/SD	C121205	TRACE2	12/13/05	03:58	SW	S	CONC
60	AD570417	C121205	TRACE2	12/13/05	04:02	SW	S	CONC
61	AD570418	C121205	TRACE2	12/13/05	04:07	SW	S	CONC
62	AD570418/L (1:5)	C121205	TRACE2	12/13/05	04:11	SW	S	CONC
63	AD570418/PS	C121205	TRACE2	12/13/05	04:15	SW	S	CONC
64	AD570419	C121205	TRACE2	12/13/05	04:30	SW	S	CONC
65	AD570419/L (1:5)	C121205	TRACE2	12/13/05	04:35	SW	S	CONC
66	AD570419/PS	C121205	TRACE2	12/13/05	04:39	SW	S	CONC
67	AD570420	C121205	TRACE2	12/13/05	04:43	SW	S	CONC
68	AD570421	C121205	TRACE2	12/13/05	04:48	SW	S	CONC
69	AD570422	C121205	TRACE2	12/13/05	04:52	SW	S	CONC
70	AD570423	C121205	TRACE2	12/13/05	04:57	SW	S	CONC
71	AD570424	C121205	TRACE2	12/13/05	05:01	SW	S	CONC
72	AD570425	C121205	TRACE2	12/13/05	05:05	SW	S	CONC
73	AD570426	C121205	TRACE2	12/13/05	05:10	SW	S	CONC
74	AD570427	C121205	TRACE2	12/13/05	05:25	SW	S	CONC
75	AD570427/L (1:5)	C121205	TRACE2	12/13/05	05:29	SW	S	CONC
76	AD570427/PS	C121205	TRACE2	12/13/05	05:33	SW	S	CONC
77	AD570428/CLPSL	C121205	TRACE2	12/13/05	02:10	SW	S	CONC
78	AD570429/PB	C121205	TRACE2	12/13/05	02:05	SW	S	CONC
79	AD570545	C121205	TRACE2	12/12/05	22:08	SW	S	CONC
80	AD570546	C121205	TRACE2	12/12/05	22:13	SW	S	CONC
81	AD570547	C121205	TRACE2	12/12/05	22:17	SW	S	CONC
82	AD570548	C121205	TRACE2	12/12/05	22:22	SW	S	CONC
83	AD570549	C121205	TRACE2	12/12/05	22:26	SW	S	CONC
84	AD570550	C121205	TRACE2	12/12/05	22:30	SW	S	CONC
85	AD570551	C121205	TRACE2	12/12/05	23:01	SW	S	CONC
86	AD570552	C121205	TRACE2	12/12/05	23:05	SW	S	CONC
87	AD570553	C121205	TRACE2	12/12/05	23:09	SW	S	CONC
88	AD570554	C121205	TRACE2	12/12/05	23:14	SW	S	CONC
89	AD570555	C121205	TRACE2	12/12/05	23:18	SW	S	CONC
90	AD570555/L (1:5)	C121205	TRACE2	12/12/05	23:23	SW	S	CONC
91	AD570555/PS	C121205	TRACE2	12/12/05	23:27	SW	S	CONC
92	AD570556/MS	C121205	TRACE2	12/12/05	23:31	SW	S	CONC
93	AD570557/SD	C121205	TRACE2	12/12/05	23:36	SW	S	CONC
94	AD570558	C121205	TRACE2	12/12/05	23:40	SW	S	CONC
95	AD570559	C121205	TRACE2	12/12/05	23:55	SW	S	CONC
96	AD570560	C121205	TRACE2	12/12/05	23:59	SW	S	CONC
97	AD570561	C121205	TRACE2	12/13/05	00:04	SW	S	CONC
98	AD570562/FB	C121205	TRACE2	12/12/05	22:04	SW	S	CONC
99	AD570563/PB	C121205	TRACE2	12/12/05	21:49	SW	S	CONC
100	AD570564	C121205	TRACE2	12/13/05	00:17	SW	S	CONC
101	AD570565	C121205	TRACE2	12/13/05	00:21	SW	S	CONC
102	AD570566	C121205	TRACE2	12/13/05	00:26	SW	S	CONC
103	AD570567	C121205	TRACE2	12/13/05	00:30	SW	S	CONC
104	AD570568	C121205	TRACE2	12/13/05	00:35	SW	S	CONC
105	AD570569	C121205	TRACE2	12/13/05	00:49	SW	S	CONC
106	AD570570	C121205	TRACE2	12/13/05	00:54	SW	S	CONC
107	AD570571	C121205	TRACE2	12/13/05	00:58	SW	S	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
108	AD570572	C121205	TRACE2	12/13/05	01:02	SW	S	CONC
109	AD570573	C121205	TRACE2	12/13/05	01:07	SW	S	CONC
110	AD570574	C121205	TRACE2	12/13/05	01:11	SW	S	CONC
111	AD570575	C121205	TRACE2	12/13/05	01:16	SW	S	CONC
112	AD570576	C121205	TRACE2	12/13/05	01:20	SW	S	CONC
113	AD570577	C121205	TRACE2	12/13/05	01:24	SW	S	CONC
114	AD570578	C121205	TRACE2	12/13/05	01:29	SW	S	CONC
115	AD570578/L (1:5)	C121205	TRACE2	12/13/05	01:43	SW	S	CONC
116	AD570578/PS	C121205	TRACE2	12/13/05	01:48	SW	S	CONC
117	AD570579/MS	C121205	TRACE2	12/13/05	01:52	SW	S	CONC
118	AD570580/SD	C121205	TRACE2	12/13/05	01:57	SW	S	CONC
119	AD570581	C121205	TRACE2	12/13/05	02:01	SW	S	CONC
120	AD570582/FB	C121205	TRACE2	12/13/05	00:12	SW	S	CONC
121	AD570583/PB	C121205	TRACE2	12/13/05	00:08	SW	S	CONC
122	AD570730	C121205	TRACE2	12/12/05	21:19	SW	S	CONC
123	AD570731	C121205	TRACE2	12/12/05	21:23	SW	S	CONC
124	AD570731/L (1:5)	C121205	TRACE2	12/12/05	21:27	SW	S	CONC
125	AD570731/PS	C121205	TRACE2	12/12/05	21:32	SW	S	CONC
126	AD570732/MD	C121205	TRACE2	12/12/05	21:36	SW	S	CONC
127	AD570733/MS	C121205	TRACE2	12/12/05	21:41	SW	S	CONC
128	AD570734	C121205	TRACE2	12/12/05	21:45	SW	S	CONC
129	AD570735/CLPSL	C121205	TRACE2	12/12/05	21:14	SW	S	CONC
130	AD570736/PB	C121205	TRACE2	12/12/05	21:10	SW	S	CONC
131	CCB	C121205	TRACE2	12/12/05	14:18	SW	B	CONC
132	CCB	C121205	TRACE2	12/12/05	14:32	SW	B	CONC
133	CCB	C121205	TRACE2	12/12/05	15:25	SW	B	CONC
134	CCB	C121205	TRACE2	12/12/05	16:19	SW	B	CONC
135	CCB	C121205	TRACE2	12/12/05	17:56	SW	B	CONC
136	CCB	C121205	TRACE2	12/12/05	18:50	SW	B	CONC
137	CCB	C121205	TRACE2	12/12/05	19:44	SW	B	CONC
138	CCB	C121205	TRACE2	12/12/05	20:08	SW	B	CONC
139	CCB	C121205	TRACE2	12/12/05	21:05	SW	B	CONC
140	CCB	C121205	TRACE2	12/12/05	22:00	SW	B	CONC
141	CCB	C121205	TRACE2	12/12/05	22:56	SW	B	CONC
142	CCB	C121205	TRACE2	12/12/05	23:50	SW	B	CONC
143	CCB	C121205	TRACE2	12/13/05	00:45	SW	B	CONC
144	CCB	C121205	TRACE2	12/13/05	01:39	SW	B	CONC
145	CCB	C121205	TRACE2	12/13/05	02:33	SW	B	CONC
146	CCB	C121205	TRACE2	12/13/05	03:31	SW	B	CONC
147	CCB	C121205	TRACE2	12/13/05	04:26	SW	B	CONC
148	CCB	C121205	TRACE2	12/13/05	05:20	SW	B	CONC
149	CCB	C121205	TRACE2	12/13/05	06:01	SW	B	CONC
150	CCV	C121205	TRACE2	12/12/05	14:13	SW	Q	CONC
151	CCV	C121205	TRACE2	12/12/05	14:27	SW	Q	CONC
152	CCV	C121205	TRACE2	12/12/05	15:21	SW	Q	CONC
153	CCV	C121205	TRACE2	12/12/05	16:15	SW	Q	CONC
154	CCV	C121205	TRACE2	12/12/05	17:52	SW	Q	CONC
155	CCV	C121205	TRACE2	12/12/05	18:46	SW	Q	CONC
156	CCV	C121205	TRACE2	12/12/05	19:40	SW	Q	CONC
157	CCV	C121205	TRACE2	12/12/05	20:03	SW	Q	CONC
158	CCV	C121205	TRACE2	12/12/05	21:01	SW	Q	CONC
159	CCV	C121205	TRACE2	12/12/05	21:55	SW	Q	CONC
160	CCV	C121205	TRACE2	12/12/05	22:52	SW	Q	CONC
161	CCV	C121205	TRACE2	12/12/05	23:46	SW	Q	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
162	CCV	C121205	TRACE2	12/13/05	00:40	SW	Q	CONC
163	CCV	C121205	TRACE2	12/13/05	01:35	SW	Q	CONC
164	CCV	C121205	TRACE2	12/13/05	02:29	SW	Q	CONC
165	CCV	C121205	TRACE2	12/13/05	03:27	SW	Q	CONC
166	CCV	C121205	TRACE2	12/13/05	04:21	SW	Q	CONC
167	CCV	C121205	TRACE2	12/13/05	05:16	SW	Q	CONC
168	CCV	C121205	TRACE2	12/13/05	05:57	SW	Q	CONC
169	CRI	C121205	TRACE2	12/12/05	13:59	SW	B	CONC
170	CRI	C121205	TRACE2	12/12/05	17:37	SW	B	CONC
171	CRI	C121205	TRACE2	12/12/05	20:47	SW	B	CONC
172	CRI	C121205	TRACE2	12/12/05	22:37	SW	B	CONC
173	CRI	C121205	TRACE2	12/13/05	03:12	SW	B	CONC
174	ICB	C121205	TRACE2	12/12/05	13:55	SW	B	CONC
175	ICB	C121205	TRACE2	12/12/05	20:42	SW	B	CONC
176	ICB	C121205	TRACE2	12/13/05	03:08	SW	B	CONC
177	ICSA	C121205	TRACE2	12/12/05	14:03	SW	Q	CONC
178	ICSA	C121205	TRACE2	12/12/05	17:42	SW	Q	CONC
179	ICSA	C121205	TRACE2	12/12/05	20:51	SW	Q	CONC
180	ICSA	C121205	TRACE2	12/12/05	22:42	SW	Q	CONC
181	ICSA	C121205	TRACE2	12/13/05	03:17	SW	Q	CONC
182	ICSAB	C121205	TRACE2	12/12/05	14:08	SW	Q	CONC
183	ICSAB	C121205	TRACE2	12/12/05	17:46	SW	Q	CONC
184	ICSAB	C121205	TRACE2	12/12/05	20:55	SW	Q	CONC
185	ICSAB	C121205	TRACE2	12/12/05	22:46	SW	Q	CONC
186	ICSAB	C121205	TRACE2	12/13/05	03:21	SW	Q	CONC
187	ICV	C121205	TRACE2	12/12/05	13:50	SW	Q	CONC
188	ICV	C121205	TRACE2	12/12/05	20:38	SW	Q	CONC
189	ICV	C121205	TRACE2	12/13/05	03:04	SW	Q	CONC
190	IDOC1AK	C121205	TRACE2	12/13/05	05:38	SW	S	CONC
191	IDOC2AK	C121205	TRACE2	12/13/05	05:42	SW	S	CONC
192	IDOC3AK	C121205	TRACE2	12/13/05	05:47	SW	S	CONC
193	IDOC4AK	C121205	TRACE2	12/13/05	05:51	SW	S	CONC
194	STD 1	C121205	TRACE2	12/12/05	13:33		X	IR
195	STD 1	C121205	TRACE2	12/12/05	20:21		X	IR
196	STD 1	C121205	TRACE2	12/13/05	02:47		X	IR
197	STD 2	C121205	TRACE2	12/12/05	13:37		X	IR
198	STD 2	C121205	TRACE2	12/12/05	20:25		X	IR
199	STD 2	C121205	TRACE2	12/13/05	02:51		X	IR
200	STD 3	C121205	TRACE2	12/12/05	13:41		X	IR
201	STD 3	C121205	TRACE2	12/12/05	20:29		X	IR
202	STD 3	C121205	TRACE2	12/13/05	02:55		X	IR
203	STD 3 VER	C121205	TRACE2	12/12/05	13:46	SW	B	CONC
204	STD 3 VER	C121205	TRACE2	12/12/05	20:33	SW	B	CONC
205	STD 3 VER	C121205	TRACE2	12/13/05	02:59	SW	B	CONC
206	STD BLK	C121205	TRACE2	12/12/05	13:29		X	IR
207	STD BLK	C121205	TRACE2	12/12/05	20:17		X	IR
208	STD BLK	C121205	TRACE2	12/13/05	02:42		X	IR

Analysis Report Averages 12/13/05 10:10:17 AM page 5

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
1	A5C61804	2.6146	.06450	.14349	.11066	.00029	86.850
2	A5D83501	.04044	.00319	.04743	.05019	.00013	102.09
3	A5D83501	-.00090	.02276	.04506	.04084	.00015	89.541
4	AD564147	5.5045	.04074	.15655	.12458	.00040	90.350
5	AD569987	.03595	.00170	1.4264	.26093	.00011	55.458
6	AD569988	.05252	.00122	.22227	.06036	.00009	148.52
7	AD569989	.22078	.00125	.06137	.03769	.00015	113.59
8	AD569990	.07940	.00133	2.0412	.14568	.00011	40.580
9	AD569991	.07871	.00142	.05872	.09393	.00025	206.51
10	AD569992	.00287	-.00004	.70898	.15927	.00018	90.240
11	AD569993	.00391	-.00015	.00935	.05345	.00015	79.703
12	AD569994	.02029	-.00058	.20787	.91023	.00021	107.96
13	AD569995	.06119	.00310	2.3246	.14007	.00024	100.97
14	AD569996	.04960	.00444	1.8868	.41490	.00023	119.64
15	AD569997	.07934	.00484	1.3326	.44332	.00023	108.51
16	AD569998	.12454	.00118	1.3054	.43589	.00021	106.78
17	AD569999	.17010	.00182	.07037	.13555	.00018	107.75
18	AD570000	.01607	.00168	.45242	2.9192	.00023	134.02
19	AD570001	.08942	-.00127	.13970	.08623	.00026	218.91
20	AD570002	.03583	.00025	.60411	.26399	.00020	100.32
21	AD570003	-.00574	.00052	.04977	.13353	.00016	114.64
22	AD570003/L (1:5)	-.01232	.00180	.00974	.02610	.00007	22.651
23	AD570003/PS	9.8672	.19404	.24954	.32047	.19863	117.99
24	AD570004/MD	-.00567	.00353	.05170	.13882	.00015	118.39
25	AD570005/MS	2.0416	.03789	.05106	2.0812	.04973	117.31
26	AD570006/SD	2.0936	.03804	.05026	2.1235	.05046	113.13
27	AD570007/FB	9.6751	.19544	.20235	.19652	.19995	9.8224
28	AD570008/PB	-.00451	-.00005	.00139	.00108	.00002	.01698
29	AD570021	.03163	.00146	.04600	.05097	.00015	100.13
30	AD570086/(1:10)	.33325	.00232	.00475	.00138	.00015	15.428
31	AD570086/L (1:50)	.08430	.00125	.02949	.00058	.00003	3.1001
32	AD570086/PS (1:10)	9.4456	.18581	.19158	.18812	.18825	24.270
33	AD570087/(1:10)	1.3208	.02246	.02848	.02131	.02019	16.863
34	AD570088/(1:10)	1.3033	.02036	.03685	.02108	.02001	16.581
35	AD570102/(1:20)	.04108	.02095	.24996	.00674	.00009	3.8758
36	AD570186	.04850	.00227	.04426	.05052	.00015	99.114
37	AD570247/(1:5)	-.00421	.00033	.02452	.00301	.00013	66.743
38	AD570248/(1:5)	-.00530	.02033	.00325	.01035	.00006	32.793
39	AD570262	-.00454	-.00047	.23053	.02342	.00009	24.125
40	AD570307	1.0073	.00010	.00953	.17353	.00020	116.23
41	AD570315	3.7832	.00114	.01598	.11290	.00024	60.536
42	AD570318/(1:100)	.01295	.00280	.10969	.00390	.00000	2.2370
43	AD570319/(1:5)	.06657	.00522	.76426	.21145	.00028	273.50
44	AD570330	.18582	.00224	.01599	.09546	.00027	223.82
45	AD570332	.82911	.00176	.02634	.07425	.00020	122.94
46	AD570334/(1:10)	.00803	.01758	2.3457	.03106	.00003	6.2593
47	AD570335/(1:10)	.03153	.03204	2.8695	.03364	.00002	4.7474
48	AD570336/(1:10)	.02422	.01273	2.2744	.04616	.00004	7.9319
49	AD570341	.13421	-.00203	.03540	.02512	.00039	2.7904
50	AD570342	.21684	.00040	.08273	.06581	.00088	5.9948
51	AD570412	34.620	.04755	.20494	.30057	.00428	H1477.5
52	AD570412/L (1:5)	8.5212	.01073	.04889	.06606	.00109	304.35
53	AD570412/PS	50.824	.39896	.56382	.65512	.34131	H1435.3

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
54	AD570413	69.167	.07438	.07797	.56753	.00428	169.88
55	AD570414	32.226	.01776	.09585	.95868	.00143	221.49
56	AD570414/L (1:5)	7.0772	.00260	.02076	.18921	.00027	43.887
57	AD570414/PS	50.652	.40561	.48404	1.3174	.39529	230.78
58	AD570415/MS	56.834	.39345	.48482	1.3171	.39100	257.71
59	AD570416/SD	63.086	.39191	.46988	1.2136	.38614	357.52
60	AD570417	38.487	.01504	.09432	.77009	.00155	184.63
61	AD570418	86.869	.05014	.14644	.65777	.00665	540.03
62	AD570418/L (1:5)	19.884	.01339	.03692	.14553	.00156	121.18
63	AD570418/PS	99.521	.32180	.42197	.92736	.27606	542.51
64	AD570419	119.97	.05920	.07479	.75548	.00643	440.39
65	AD570419/L (1:5)	25.838	.01370	.01840	.16173	.00140	92.093
66	AD570419/PS	133.87	.42574	.44885	1.1008	.37199	441.16
67	AD570420	40.227	.02191	.03939	.38121	.00286	H941.03
68	AD570421	125.59	.02447	.10352	.96159	.00673	473.43
69	AD570422	36.965	.01377	.03733	.51676	.00270	H838.53
70	AD570423	47.711	.05137	.05136	.22826	.00342	620.82
71	AD570424	37.263	.04166	.03915	.19191	.00264	498.82
72	AD570425	110.71	.02348	.10363	.84156	.00608	504.15
73	AD570426	85.463	.01915	.06911	.59612	.00457	273.10
74	AD570427	21.542	.70360	1.0861	H51.116	.00097	84.925
75	AD570427/L (1:5)	4.2655	.14072	.20294	H14.842	.00022	17.237
76	AD570427/PS	40.178	1.0626	1.4529	H50.256	.37621	100.46
77	AD570428/CLPSL	64.507	.68613	.87164	1.4722	1.2746	37.941
78	AD570429/PB	-.00861	.00207	.00782	.00127	.00018	.06913
79	AD570545	.00376	.00087	.00034	.00031	-.00010	.01328
80	AD570546	.11877	-.00133	.03754	.02162	.00002	114.51
81	AD570547	.00380	.00093	.03410	.25949	-.00007	51.269
82	AD570548	.64258	.00868	.04163	.06627	.00006	112.69
83	AD570549	.52408	.00386	.02972	.88962	.00017	169.89
84	AD570550	.63688	.00418	.02869	.89268	.00023	167.49
85	AD570551	1.0903	.00493	.01081	.33165	.00012	68.222
86	AD570552	.05543	.00336	.01299	.30028	.00013	73.326
87	AD570553	.12382	.00021	.01207	.08751	.00009	141.82
88	AD570554	.39967	.00205	.03932	.74088	.00019	189.77
89	AD570555	.03906	-.00005	.05217	.87471	.00025	177.72
90	AD570555/L (1:5)	.00125	.00005	.00951	.17803	.00007	36.372
91	AD570555/PS	9.4333	.19149	.24131	1.0577	.18792	184.11
92	AD570556/MS	9.1408	.18345	.23922	1.0587	.18075	184.62
93	AD570557/SD	8.9072	.18190	.23434	1.0345	.17635	180.08
94	AD570558	.04230	.00254	.03326	.75476	.00031	186.27
95	AD570559	.01513	.00158	.03737	.79597	.00030	208.44
96	AD570560	.08172	.00295	.03275	.75457	.00025	178.12
97	AD570561	51.334	.01992	.06894	.36326	.00225	142.20
98	AD570562/FB	9.7053	.19736	.19357	.20243	.19428	9.5309
99	AD570563/PB	.03378	.00066	.00035	.00021	-.00015	.01104
100	AD570564	.22489	.03757	.06652	2.1756	.00096	H1350.6
101	AD570565	.08335	.02315	.07471	1.6949	.00098	H1538.3
102	AD570566	.36533	.02949	.18976	.96515	.00074	H1014.2
103	AD570567	.09670	.00309	.04386	.11655	.00023	110.60
104	AD570568	.88880	.00640	.48525	.53361	.00042	443.60
105	AD570569	.80607	.00326	.02816	.59437	.00026	209.05
106	AD570570	.29170	.00542	.02682	.56314	.00029	284.35
107	AD570571	.07457	.04948	.03405	.71222	.00060	685.20

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
108	AD570572	.03538	.00578	.09198	2.9184	.00118	C1195.2
109	AD570573	.07459	.02859	.08989	2.2382	.00092	H1321.1
110	AD570574	.00561	.00133	1.3343	.06718	.00011	17.700
111	AD570575	.03364	.00591	.71680	.04885	.00012	16.373
112	AD570576	-.00346	.00173	.04774	.03270	.00037	248.48
113	AD570577	.02297	.00836	.72546	.46442	.00055	645.70
114	AD570578	.30020	.00484	.05798	1.0879	.00035	163.60
115	AD570578/L (1:5)	.04393	.00126	.01152	.20800	.00012	31.506
116	AD570578/PS	9.5534	.19055	.25032	1.2194	.18603	163.76
117	AD570579/MS	9.2431	.18188	.25066	1.2790	.17950	172.17
118	AD570580/SD	9.2025	.18500	.24668	1.2663	.17794	169.84
119	AD570581	33.239	10.593	16.797	H33.742	.98437	.08145
120	AD570582/FB	9.1633	.18374	.19053	.19328	.18650	9.2285
121	AD570583/PB	.01751	.00330	.00033	.00031	.00001	.09847
122	AD570730	85.010	.02174	.01146	.49049	.00424	17.836
123	AD570731	109.27	.02644	.02039	.77233	.00430	30.827
124	AD570731/L (1:5)	23.292	.00626	.00449	.16305	.00080	6.5565
125	AD570731/PS	126.47	.37983	.37774	1.1524	.35113	47.054
126	AD570732/MD	124.12	.02856	.01990	.87506	.00477	26.580
127	AD570733/MS	183.96	.09411	.02527	4.8934	.08865	30.333
128	AD570734	119.00	.03260	.01344	.47260	.00430	21.034
129	AD570735/CLPSL	62.687	.68666	.83544	1.4277	1.2693	40.262
130	AD570736/PB	.00829	.00010	.00113	.00018	.00001	.04287
131	CCB	-.00708	-.00153	.00023	.00002	.00000	.00834
132	CCB	.01531	.00023	.00067	.00023	.00019	.03172
133	CCB	.00118	-.00004	.00046	.00010	.00017	.03453
134	CCB	.00509	.00250	.00130	.00016	.00021	.03501
135	CCB	.01373	-.00033	.00127	.00024	.00023	.02956
136	CCB	.02493	.00088	.00062	.00027	.00025	.04530
137	CCB	-.00587	.00291	.00120	.00021	.00020	.02666
138	CCB	-.00088	.00173	.00117	.00032	.00029	.03852
139	CCB	.03676	.00017	.00093	.00035	.00030	.04622
140	CCB	.02732	.00090	.00084	.00028	.00017	.02831
141	CCB	.03318	.00071	.00068	.00038	.00039	.04537
142	CCB	-.00060	-.00004	.00025	.00021	.00017	.01748
143	CCB	-.00452	.00257	.00078	.00030	.00030	.05441
144	CCB	-.00945	.00091	-.00003	.00014	.00024	.04668
145	CCB	-.01125	.00130	.00058	.00031	.00025	.07498
146	CCB	.00850	.00183	.00098	.00022	.00015	.05560
147	CCB	-.01768	-.00068	.00074	-.00011	-.00002	.00433
148	CCB	-.02553	-.00082	.00079	-.00011	-.00002	.02718
149	CCB	-.02080	.00165	.00069	.00023	.00004	.04036
150	CCV	Q27.524	.53072	.53411	.52927	.54798	27.483
151	CCV	24.908	.48277	.47872	.47988	.49752	24.916
152	CCV	24.696	.47196	.48584	.46541	.49637	24.543
153	CCV	24.641	.47070	.48387	.46345	.49354	24.414
154	CCV	24.466	.46528	.46940	.46796	.48448	24.202
155	CCV	24.315	.45879	.46567	.46545	.47752	23.874
156	CCV	24.289	.45685	.47986	.46797	.47744	23.677
157	CCV	24.445	.46207	.48560	.47111	.48091	23.745
158	CCV	25.287	.47838	.48103	.48918	.49485	25.138
159	CCV	26.291	.49277	.49162	.51765	.49553	24.796
160	CCV	24.468	.46972	.47140	.48156	.48026	24.468
161	CCV	23.859	.45905	.46326	.47514	.47026	23.800

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
162	CCV	23.614	.45506	.47205	.46954	.46667	23.629
163	CCV	23.336	Q.44883	.47135	.46641	.46379	23.300
164	CCV	23.080	Q.44111	.47464	.46150	.46011	23.138
165	CCV	25.260	.48832	.48706	.49012	.49986	25.103
166	CCV	25.157	.48682	.49825	.48683	.50029	24.970
167	CCV	25.033	.48164	.50519	.48130	.50026	24.884
168	CCV	25.302	.48645	.51376	.48732	.50266	24.998
169	CRI	.18855	.01092	.05027	.00196	.00195	.50562
170	CRI	.18409	.01092	.04929	.00196	.00199	.50407
171	CRI	.19757	.00908	.04836	.00203	.00193	.49870
172	CRI	.21143	.00928	.05044	.00221	.00191	.50517
173	CRI	.19276	.01063	.04931	.00199	.00194	.49984
174	ICB	-.00198	.00078	.00093	.00005	.00004	.00953
175	ICB	.01577	.00048	.00163	.00035	.00029	.01637
176	ICB	-.00124	.00235	.00141	.00007	.00008	-.00237
177	ICSA	485.91	-.00330	.00755	.01275	.00174	482.02
178	ICSA	480.90	-.00122	.00792	.01255	.00182	473.04
179	ICSA	483.02	.00207	.00806	.01278	.00173	481.30
180	ICSA	475.54	.00355	.00761	.01278	.00182	478.54
181	ICSA	502.01	-.00024	.00919	.01313	.00202	502.66
182	ICSAB	490.42	.10009	.00487	.51979	.48581	486.35
183	ICSAB	479.76	.09875	.00426	.50584	.47482	470.88
184	ICSAB	490.44	.09881	.00386	.52473	.48055	488.24
185	ICSAB	485.26	.09982	.00412	.52712	.47611	486.59
186	ICSAB	509.38	.10162	.00327	.54232	.49979	509.43
187	ICV	18.950	.36475	.36307	.36644	.37415	18.822
188	ICV	18.944	.36385	.35907	.36803	.37266	18.818
189	ICV	19.028	.36443	.36224	.36923	.37526	18.777
190	IDOC1AK	9.5768	.19476	.20542	.22572	.20108	9.9785
191	IDOC2AK	9.6619	.19610	.20706	.20430	.20230	10.026
192	IDOC3AK	9.6726	.20125	.20658	.20083	.20262	10.038
193	IDOC4AK	9.7864	.20206	.20900	.20204	.20483	10.147
194	STD 1	9.54605	.74195	1.69136	6.40444	5.39572	
195	STD 1	9.47027	.73035	1.60556	6.5128	5.18146	
196	STD 1	8.93657	.69163	1.48188	6.48459	4.83686	
197	STD 2	47.1229	3.61197	7.994	31.7292	26.0664	
198	STD 2	47.1807	3.70573	7.67913	32.7816	25.457	
199	STD 2	43.5857	3.54371	6.90468	32.1844	23.3858	
200	STD 3	94.32	7.27676	15.9221	63.0425	51.3577	34.3323
201	STD 3	93.3119	7.35162	15.0377	64.6748	49.5988	33.7247
202	STD 3	87.6526	7.10823	13.8462	64.4433	46.2877	31.9728
203	STD 3 VER	49.961	.98976	1.0006	.99140	.98833	49.892
204	STD 3 VER	49.967	.98732	.99083	.99725	.98402	49.789
205	STD 3 VER	50.227	.99440	.99951	.99987	.99138	49.806
206	STD BLK	.13076	-.01715	.09716	.00821	.12484	.0145
207	STD BLK	.17936	-.02168	.09636	.01162	.12811	.0063
208	STD BLK	.25799	-.02397	.09057	.02274	.1377	.00921

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
1	A5C61804	.00073	.00117	.00408	.00687	3.7441	4.1939
2	A5D83501	.00157	.00164	.00008	.00949	.04433	3.2788
3	A5D83501	.00097	.00101	-.00010	.00717	-.00364	3.2059
4	AD564147	.00026	.00221	.00778	.00924	6.4730	5.0570
5	AD569987	.00380	.00306	.00076	.00384	.26858	2.6563
6	AD569988	.03483	.00115	.00050	.00283	.24594	1.2061
7	AD569989	.00091	.00036	.00101	.00752	.26992	25.358
8	AD569990	.00231	.00049	.00049	.00364	.13668	2.7159
9	AD569991	.00277	.00062	.00031	.00532	.15751	1.0555
10	AD569992	.00334	.00641	.00022	.00520	.16185	3.2145
11	AD569993	.00581	.00077	.00040	.00585	.58278	9.6040
12	AD569994	.00053	.00040	.00168	.00424	2.1635	3.7558
13	AD569995	.00017	.00064	.00046	.00471	3.5338	10.996
14	AD569996	.00032	-.00008	.00041	.00428	.13518	4.5993
15	AD569997	.00080	.00016	.00034	.00403	.27798	3.3285
16	AD569998	.00161	.00027	.00031	.00432	.35584	3.2448
17	AD569999	.00011	.00215	.00087	.00383	.36637	1.6348
18	AD570000	.00006	.00042	.00080	.00376	2.1604	31.036
19	AD570001	.00033	.00047	.00050	.00535	.12954	6.1567
20	AD570002	.00046	.00029	.00043	.00365	.65755	3.5990
21	AD570003	.00019	.00055	.00030	.00530	.01601	1.1153
22	AD570003/L (1:5)	.00022	.00020	.00033	.00354	-.00219	.19093
23	AD570003/PS	.20317	.20210	.19949	.20506	10.213	12.384
24	AD570004/MD	.00065	.00050	.00027	.00525	.02057	1.1699
25	AD570005/MS	.05121	.49941	.19756	.24551	1.0971	1.1376
26	AD570006/SD	.04899	.50729	.20118	.25060	1.1172	1.1069
27	AD570007/FB	.20482	.19902	.19814	.19744	10.236	10.251
28	AD570008/PB	.00019	.00040	-.00042	.00200	.00020	-.00139
29	AD570021	.00125	.00054	.00038	.00949	.06146	2.8814
30	AD570086/(1:10)	.00000	.08428	.00096	.00144	13.152	.48306
31	AD570086/L (1:50)	.00020	.01708	.00049	.00180	2.6085	.09595
32	AD570086/PS (1:10)	.18989	.27094	.18907	.19018	22.255	10.318
33	AD570087/(1:10)	.02068	.10736	.02123	.02177	14.597	1.5138
34	AD570088/(1:10)	.02075	.10574	.02114	.02161	14.365	1.4957
35	AD570102/(1:20)	.00027	.00156	.04616	.00296	.20149	16.419
36	AD570186	.00105	.00047	.00071	.02522	.06062	2.8937
37	AD570247/(1:5)	-.00007	.00021	.00027	.00182	31.404	2.6417
38	AD570248/(1:5)	.00005	.01016	.00098	.00143	8.6873	.90301
39	AD570262	.00024	.00071	.00022	.00359	.04650	1.7034
40	AD570307	-.00034	.00081	.00156	.00432	34.594	1.6422
41	AD570315	-.00015	.00190	.00560	.00496	3.4620	3.6072
42	AD570318/(1:100)	.00016	.00071	.00759	.00214	.48704	7.4015
43	AD570319/(1:5)	.00025	.02255	.01681	.00355	50.520	34.203
44	AD570330	.00000	.00130	.00064	.00280	32.355	.56729
45	AD570332	.00013	.00101	.00105	.00297	12.536	1.2765
46	AD570334/(1:10)	.00015	.00273	.01171	.00261	.29739	49.713
47	AD570335/(1:10)	.00007	.00332	.02775	.00285	.19942	66.993
48	AD570336/(1:10)	.00008	.00359	.01581	.00391	.25846	46.911
49	AD570341	.00011	.01054	.00030	.00348	.09190	2.3158
50	AD570342	.00019	.02134	.00038	.01005	.05780	3.5959
51	AD570412	L-.00264	.04600	.04563	.07233	92.117	25.548
52	AD570412/L (1:5)	-.00055	.00962	.01091	.01695	20.173	5.3349
53	AD570412/PS	.34213	.38874	.37796	.44711	105.99	47.219

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
54	AD570413	L-.01269	.06377	.10533	.37651	165.68	12.708
55	AD570414	.00101	.01872	.08158	.44883	44.644	7.3616
56	AD570414/L (1:5)	.00017	.00413	.01728	.08846	9.0985	1.4451
57	AD570414/PS	.39612	.41208	.46978	.84061	62.461	28.425
58	AD570415/MS	.39764	.40508	.45037	.84760	65.750	28.386
59	AD570416/SD	.38687	.40127	.44796	.86708	94.491	28.269
60	AD570417	-.00060	.02322	.08468	.36691	54.099	6.1855
61	AD570418	L-.01057	.06316	.10413	.13558	154.83	17.092
62	AD570418/L (1:5)	L-.00219	.01466	.02461	.03058	35.500	3.8222
63	AD570418/PS	.26111	.33140	.37107	.42673	165.80	32.524
64	AD570419	L-.01501	.09423	.17124	.25394	213.44	26.407
65	AD570419/L (1:5)	L-.00297	.02019	.03743	.05247	46.021	5.7150
66	AD570419/PS	.36169	.46047	.53169	.64121	224.05	45.973
67	AD570420	L-.00437	.02779	.06164	.07791	70.682	12.630
68	AD570421	L-.01170	.08066	.17344	.20372	184.64	30.588
69	AD570422	L-.00441	.02738	.05840	.07023	72.152	10.991
70	AD570423	L-.00612	.05878	.07015	.26030	130.91	9.8052
71	AD570424	L-.00486	.04354	.05645	.18236	102.57	7.9272
72	AD570425	L-.01006	.08284	.15212	.18306	171.89	28.450
73	AD570426	L-.00723	.05923	.12475	.12914	131.36	23.098
74	AD570427	1.4136	.10210	.88342	.85352	437.32	2.1836
75	AD570427/L (1:5)	.29158	.02087	.18129	.17029	90.018	.40792
76	AD570427/PS	1.7557	.48177	1.2264	1.2157	439.91	23.847
77	AD570428/CLPSL	2.1365	.63087	.51266	1.2618	90.368	23.343
78	AD570429/PB	-.00024	-.00064	.00063	.00361	.02404	.04089
79	AD570545	-.00021	.00012	.00012	.00029	.00818	.01017
80	AD570546	-.00014	.00031	.00026	.00212	.48869	10.094
81	AD570547	-.00029	.00025	.00022	.07134	.02265	.94776
82	AD570548	-.00042	.00027	.00096	.01020	2.0577	31.647
83	AD570549	L-.00500	.00084	.00269	.00546	78.422	4.9188
84	AD570550	L-.00507	.00105	.00299	.00605	78.102	5.1060
85	AD570551	L-.00165	.00226	.00204	.01152	30.607	4.2816
86	AD570552	-.00144	.00029	.00081	.00415	25.708	2.3914
87	AD570553	-.00145	.00083	.00041	.00216	25.771	17.715
88	AD570554	L-.00407	.00127	.00264	.00311	78.747	4.1405
89	AD570555	L-.00544	.00085	.00531	.00104	97.176	4.6008
90	AD570555/L (1:5)	-.00113	.00000	.00087	.00105	20.270	.83711
91	AD570555/PS	.18032	.19114	.19190	.19916	105.05	15.354
92	AD570556/MS	.17584	.18194	.18266	.18953	105.25	15.011
93	AD570557/SD	.17239	.17761	.17821	.18491	103.15	14.701
94	AD570558	L-.00391	.00070	.00138	.00141	78.074	2.4222
95	AD570559	L-.00437	.00043	.00096	.00156	80.166	3.0208
96	AD570560	L-.00423	.00123	.00169	.00131	76.050	4.0272
97	AD570561	L-.00434	.02716	.05859	.06761	67.833	12.664
98	AD570562/FB	.19408	.19426	.19153	.20271	9.8672	10.497
99	AD570563/PB	-.00016	.00028	-.00027	.00022	.03691	-.00228
100	AD570564	.00005	.00925	.02061	.00359	.29891	70.762
101	AD570565	-.00017	.00859	.37561	.00698	.36341	69.458
102	AD570566	-.00003	.00528	.05403	.00366	.25561	76.323
103	AD570567	-.00032	.00055	.01707	.00375	.37668	24.933
104	AD570568	.00002	.00098	.01621	.00342	.27662	194.30
105	AD570569	.00004	.00059	.00690	.00376	.16110	56.046
106	AD570570	.00006	.00197	.08739	.00945	1.2189	44.251
107	AD570571	.00000	.01530	.01513	.10285	.33670	121.23

Analysis Report Averages 12/13/05 10:10:17 AM page 11

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
108	AD570572	-.00024	.00063	.00021	.00380	.06056	72.292
109	AD570573	-.00019	.01064	.00115	.00549	5.0800	61.919
110	AD570574	-.00018	.00023	.00100	.00310	.08181	52.160
111	AD570575	-.00024	.00073	.00650	.00289	.09072	39.999
112	AD570576	-.00010	.00009	-.00001	.00343	2.2215	4.5724
113	AD570577	-.00016	.00134	.00046	.00307	.13843	94.446
114	AD570578	L-.00169	.00082	.00198	.00356	38.179	5.8065
115	AD570578/L (1:5)	-.00032	.00006	.00019	.00286	7.4916	.99991
116	AD570578/PS	.19054	.19306	.18855	.19744	45.949	16.667
117	AD570579/MS	.18572	.18281	.18038	.18790	48.999	16.559
118	AD570580/SD	.18456	.18211	.17852	.18674	48.580	16.542
119	AD570581	10.547	3.9991	17.889	6.4505	11.956	4.2430
120	AD570582/FB	.19104	.18859	.18504	.18858	9.6920	10.036
121	AD570583/PB	-.00016	.00018	.00016	.00133	.04848	-.00382
122	AD570730	L-.00360	.04987	.08829	.06195	111.65	6.0366
123	AD570731	L-.00655	.04986	.10846	.08024	142.10	8.9674
124	AD570731/L (1:5)	-.00147	.01074	.02311	.01674	30.424	1.7455
125	AD570731/PS	.34069	.40180	.45662	.46628	153.53	30.382
126	AD570732/MD	L-.00757	.05180	.12399	.08743	154.70	11.024
127	AD570733/MS	.06998	.90722	.50452	.54872	216.73	15.296
128	AD570734	L-.00680	.04360	.10409	.06971	131.45	6.7654
129	AD570735/CLPSL	2.0684	.61425	.50864	1.2462	81.782	22.381
130	AD570736/PB	-.00044	-.00062	.00072	.00110	.02457	.04303
131	CCB	.00003	.00012	.00008	.00174	.00017	-.00124
132	CCB	.00039	.00060	.00053	.00198	.01870	.00759
133	CCB	.00048	.00034	.00005	.00419	.01270	-.00119
134	CCB	.00037	.00051	.00037	.00361	.01348	.00273
135	CCB	.00033	.00045	.00051	.00187	.01421	.01069
136	CCB	.00051	.00050	.00041	.00222	.01825	.00207
137	CCB	.00033	.00038	.00038	.00325	.00894	.00147
138	CCB	.00047	.00048	-.00001	.00385	.02023	.00882
139	CCB	.00032	.00032	.00040	.00083	.03010	.01268
140	CCB	.00001	.00018	.00041	.00055	.02120	.01143
141	CCB	.00011	.00052	.00036	.00088	.02181	.01302
142	CCB	.00010	.00026	.00010	.00112	.01015	.00548
143	CCB	.00025	.00032	.00034	.00254	.01473	.01279
144	CCB	.00013	.00024	.00032	.00303	.01514	.00662
145	CCB	.00008	.00000	.00008	.00322	.01399	.00281
146	CCB	.00023	.00071	.00051	.00119	.01507	.00919
147	CCB	.00000	.00019	.00046	.00222	.00571	.00106
148	CCB	.00012	.00015	.00051	.00348	.01093	-.00202
149	CCB	.00018	.00024	.00066	.00357	.01334	.00328
150	CCV	.54584	.54437	.54652	Q.55971	Q27.635	Q27.537
151	CCV	.49687	.49387	.49583	.50729	25.073	25.348
152	CCV	.50650	.50001	.50121	.50288	25.564	25.725
153	CCV	.50327	.49695	.49738	.50090	25.285	25.638
154	CCV	.48683	.48360	.48420	.49979	24.418	25.299
155	CCV	.48091	.47842	.47952	.49640	24.209	25.374
156	CCV	.48686	.48307	.48237	.49812	24.614	25.968
157	CCV	.49445	.48817	.48842	.50289	24.956	26.419
158	CCV	.48703	.49070	.49295	.51227	24.854	25.495
159	CCV	.48507	.49326	.49211	.53808	24.924	27.394
160	CCV	.47362	.47990	.48042	.49940	24.336	25.216
161	CCV	.46755	.47359	.47099	.49068	23.989	25.113

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
162	CCV	.47522	.47459	.46939	.48886	24.270	25.493
163	CCV	.47712	.47305	.46705	.48511	24.191	25.572
164	CCV	.47961	.47212	.46288	.48123	24.239	25.670
165	CCV	.49810	.49627	.49740	.51583	25.063	25.319
166	CCV	.51180	.50029	.50108	.51523	25.525	25.458
167	CCV	.52366	.50376	.50254	.51618	25.930	25.614
168	CCV	.52923	.50613	.50643	.52211	26.128	25.978
169	CRI	.00098	.00411	.00384	.01091	.05500	.45397
170	CRI	.00120	.00422	.00398	.01151	.05423	.45753
171	CRI	.00091	.00401	.00382	.00958	.06003	.45363
172	CRI	.00077	.00425	.00409	.01043	.05778	.50324
173	CRI	.00109	.00400	.00415	.01026	.04818	.44400
174	ICB	.00014	-.00007	-.00020	.00129	.00713	.00157
175	ICB	.00013	.00051	.00026	.00028	.02038	.00827
176	ICB	.00017	.00054	.00056	.00070	.00463	.00531
177	ICSA	-.00093	.00122	-.01456	.00189	188.20	-.00247
178	ICSA	.00153	.00136	-.01431	.00285	187.58	-.00672
179	ICSA	-.00898	.00105	-.01459	.00035	185.01	-.01519
180	ICSA	-.00969	.00107	-.01413	.00055	184.38	-.00327
181	ICSA	-.01768	.00157	-.01490	.00075	192.39	-.00703
182	ICSAB	.93053	.45851	.46188	.51511	94.400	-.01040
183	ICSAB	.91915	.45117	.45306	.50873	92.634	-.01463
184	ICSAB	.90705	.45231	.45646	.51650	93.077	-.01061
185	ICSAB	.89787	.45304	.45497	.51343	93.169	-.01365
186	ICSAB	.94515	.46972	.47508	.53399	96.661	-.00353
187	ICV	.36991	.36933	.37177	.38406	18.685	19.037
188	ICV	.36512	.36721	.37012	.38395	18.545	19.012
189	ICV	.37060	.36999	.37231	.38563	18.676	18.874
190	IDOC1AK	.21431	.20587	.20194	.20377	10.581	10.121
191	IDOC2AK	.21576	.20734	.20361	.20610	10.629	10.255
192	IDOC3AK	.21563	.20717	.20392	.20627	10.643	10.269
193	IDOC4AK	.21824	.21037	.20621	.20847	10.747	10.360
194	STD 1	7.83154	.56027	1.41046	1.2003	1.24887	
195	STD 1	7.25746	.52649	1.31937	1.1559	1.13963	
196	STD 1	6.33308	.47489	1.19154	1.05681	.9996	
197	STD 2	38.6329	2.79859	6.91261	5.70076	6.14922	
198	STD 2	36.3067	2.65727	6.60049	5.75841	5.69086	
199	STD 2	31.6208	2.37869	5.8894	5.3668	4.9104	
200	STD 3	76.7515	5.55996	13.7327	11.2988	12.1942	83.339
201	STD 3	70.9644	5.2167	12.9249	11.3673	11.1239	83.4656
202	STD 3	63.012	4.74788	11.7184	10.8189	9.78121	83.4462
203	STD 3 VER	.99317	.99143	.99016	.99430	49.608	50.310
204	STD 3 VER	.97927	.98453	.98532	.99822	49.200	50.490
205	STD 3 VER	.99378	.99330	.99369	1.0025	49.672	50.324
206	STD BLK	-.06607	-.0103	0	.06758	-.00057	-.02196
207	STD BLK	-.06167	-.00906	.00314	.02503	-.00039	-.01258
208	STD BLK	-.07827	-.00922	-.00061	-.02192	.0004	.00265

#	Sample Name	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
1	A5C61804	49.555	.08810	.00582	48.934	.00324	.00734
2	A5D83501	30.807	.00595	.00511	59.634	.01137	.00630
3	A5D83501	28.412	.00081	.00840	57.481	.00888	.00302
4	AD564147	53.740	.10721	.00918	51.550	.00652	.00892
5	AD569987	27.874	.31665	.00584	102.94	.00918	-.00152
6	AD569988	26.556	.41704	.00164	13.703	.00369	-.00099
7	AD569989	16.903	.02587	.00214	37.117	.00273	-.00138
8	AD569990	16.765	.04142	.00595	153.63	.00483	-.00132
9	AD569991	40.077	.03427	-.00012	40.592	.00368	-.00090
10	AD569992	48.108	.12858	.00896	45.580	.00603	-.00095
11	AD569993	20.787	.05666	.00244	5.2656	.00313	-.00119
12	AD569994	71.109	.05274	.00112	19.576	.00278	-.00019
13	AD569995	74.137	.11880	.00501	92.544	.00725	-.00072
14	AD569996	67.366	.01808	.00203	59.922	.00198	-.00156
15	AD569997	56.550	.02698	.00122	49.356	.00726	-.00106
16	AD569998	55.175	.02892	.00057	48.130	.00756	-.00172
17	AD569999	40.621	.47437	.00077	14.172	.00463	-.00102
18	AD570000	75.330	.04163	-.00065	91.489	.00895	-.00120
19	AD570001	72.772	.01323	.00088	35.756	.00477	-.00097
20	AD570002	44.239	.02995	.00086	104.31	.00111	-.00226
21	AD570003	30.825	.04199	-.00052	40.065	.00674	.00085
22	AD570003/L (1:5)	6.0196	.00828	-.00050	7.5317	.00182	-.00119
23	AD570003/PS	39.172	.23797	.20518	48.225	.20785	.20375
24	AD570004/MD	31.903	.04857	.00050	41.775	.00717	-.00129
25	AD570005/MS	31.772	.56420	.00011	41.027	.50320	.02626
26	AD570006/SD	30.724	.56943	-.00085	39.971	.51198	.02244
27	AD570007/FB	9.8449	.19960	.19873	10.262	.20299	.20350
28	AD570008/PB	.00040	.00017	.00044	.00034	.00126	-.00129
29	AD570021	29.859	.00614	.00839	57.801	.00904	.00799
30	AD570086/(1:10)	11.745	8.2552	-.00083	2.2364	.07141	.00130
31	AD570086/L (1:50)	2.3081	1.6744	-.00062	.31143	.01492	.00168
32	AD570086/PS (1:10)	20.610	8.1756	.19305	12.232	.25843	.19075
33	AD570087/(1:10)	13.074	8.5344	.02086	3.4044	.09444	.02014
34	AD570088/(1:10)	12.855	8.3936	.02008	3.3920	.09302	.02008
35	AD570102/(1:20)	2.8365	.02780	.00530	234.32	.01550	-.00148
36	AD570186	29.743	.00580	.00830	57.427	.00849	.01021
37	AD570247/(1:5)	30.861	3.3444	-.00030	18.735	.00138	-.00141
38	AD570248/(1:5)	24.180	6.0311	.00001	8.1727	.03271	-.00045
39	AD570262	7.8600	.10592	.00018	104.39	.00150	.00123
40	AD570307	52.516	.62391	-.00009	15.557	.00239	-.00265
41	AD570315	86.553	.12481	.00201	18.352	.00584	.00091
42	AD570318/(1:100)	1.3117	.01313	-.00035	42.450	.00322	.00073
43	AD570319/(1:5)	44.428	1.6283	.00003	115.82	.02703	-.00095
44	AD570330	35.068	1.2925	.00015	14.692	.00157	-.00032
45	AD570332	16.704	.57450	.00234	19.997	.00219	-.00093
46	AD570334/(1:10)	18.204	.00591	.00152	195.55	.01692	.00055
47	AD570335/(1:10)	19.731	.01047	.00177	221.64	.02132	.00173
48	AD570336/(1:10)	17.197	.00899	.00167	183.19	.02074	.00036
49	AD570341	2.2930	.08782	.00038	5.5444	.01472	.00040
50	AD570342	4.5752	.18208	-.00012	61.568	.03038	.00134
51	AD570412	91.618	2.2484	.00421	1.5521	.09107	.12062
52	AD570412/L (1:5)	19.494	.48352	.00116	.19609	.01956	.02294
53	AD570412/PS	105.33	2.5000	.36394	22.706	.43697	.46166

#	Sample Name	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
54	AD570413	49.603	2.4705	.00700	5.9983	.15035	.44177
55	AD570414	29.289	2.4635	.01182	2.9775	.05914	.33185
56	AD570414/L (1:5)	5.8555	.49756	.00268	.38717	.01218	.06611
57	AD570414/PS	47.610	2.7350	.41403	24.375	.45370	.70775
58	AD570415/MS	59.605	3.1800	.39957	24.352	.45526	.67127
59	AD570416/SD	91.566	4.1164	.39413	23.699	.46373	.61579
60	AD570417	27.847	2.2901	.01584	2.8085	.07294	.29834
61	AD570418	106.26	5.0352	.00167	3.4930	.15257	.19070
62	AD570418/L (1:5)	23.591	1.1517	.00031	.41057	.03468	.04388
63	AD570418/PS	117.82	5.2027	.28183	19.373	.42300	.45483
64	AD570419	146.13	3.2623	.00673	2.2570	.26140	.10928
65	AD570419/L (1:5)	30.439	.69679	.00171	.32015	.05549	.02328
66	AD570419/PS	158.48	3.4940	.38797	23.419	.62713	.46837
67	AD570420	277.47	2.2414	.00391	1.8820	.06976	.05091
68	AD570421	170.30	3.7570	.00478	1.9521	.23343	.10896
69	AD570422	220.86	2.1448	.00276	1.1930	.06355	.05439
70	AD570423	71.030	3.4267	.03239	3.3788	.21001	.09050
71	AD570424	61.282	2.5202	.01954	.78884	.14741	.06196
72	AD570425	170.11	3.9762	.00379	1.2276	.21294	.10736
73	AD570426	112.65	2.0867	.00185	1.2480	.15846	.07091
74	AD570427	39.783	2.3163	.02113	9.5214	.84900	196.37
75	AD570427/L (1:5)	8.0435	.47587	.00483	1.4306	.17407	40.430
76	AD570427/PS	57.063	2.5995	.40667	30.223	1.2111	189.39
77	AD570428/CLPSL	19.902	2.6950	.54372	3.8692	.47310	.73875
78	AD570429/PB	.00557	.00075	.00901	.02466	-.00146	-.00085
79	AD570545	.00282	.00034	.00072	.00190	.00052	-.00095
80	AD570546	9.1083	.25650	.00424	32.830	.00253	-.00086
81	AD570547	11.527	.00063	.00314	22.821	.00120	-.00190
82	AD570548	27.252	.63664	.00018	85.749	.00152	-.00191
83	AD570549	34.600	.35627	.00051	6.6996	.00145	.02697
84	AD570550	34.168	.34862	.00046	6.6314	.00149	.01466
85	AD570551	12.387	.38451	.00046	2.4276	.00356	.35076
86	AD570552	13.727	.14263	.00055	2.2845	.00140	.02832
87	AD570553	26.541	.82484	-.00071	13.889	.00081	-.00183
88	AD570554	35.501	.28007	-.00036	10.322	.00213	.06782
89	AD570555	36.109	.20995	.00041	11.057	.00107	-.00237
90	AD570555/L (1:5)	7.3352	.04327	-.00056	1.7459	.00071	-.00093
91	AD570555/PS	45.093	.39321	.19399	21.315	.18969	.19032
92	AD570556/MS	44.969	.39027	.18399	21.109	.18445	.18366
93	AD570557/SD	43.984	.38094	.17935	20.709	.18006	.17974
94	AD570558	38.659	.15746	.00135	8.6992	.00135	.00054
95	AD570559	32.223	.22256	.00000	10.954	.00108	.01333
96	AD570560	33.877	.34029	-.00006	7.6798	.00139	-.00202
97	AD570561	39.337	1.2342	.00476	31.906	.06128	.01771
98	AD570562/FB	9.8400	.19447	.19746	10.161	.19670	.19675
99	AD570563/PB	.00539	.00035	.00048	.00088	.00027	-.00305
100	AD570564	.15575	.01693	.06650	382.74	.02430	-.00346
101	AD570565	.32103	.01112	.10640	350.19	.01564	-.00237
102	AD570566	.61183	.01446	.12818	H459.16	.02461	-.00201
103	AD570567	33.334	.02967	.04959	187.10	.01426	-.00118
104	AD570568	.25196	.00686	.18730	H661.78	.02001	-.00431
105	AD570569	.07671	.00516	.06682	225.32	.01499	-.00137
106	AD570570	.29878	.01995	.09506	174.26	.08462	.00235
107	AD570571	.13888	.00434	.17049	H841.66	.04653	.05676

Analysis Report Averages 12/13/05 10:10:17 AM page 15

#	Sample Name	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
108	AD570572	.02941	.00187	.06877	175.98	.00698	-.00450
109	AD570573	.08224	.08721	.12736	355.57	.01207	-.00230
110	AD570574	29.539	.00311	.04592	176.57	.00500	-.00095
111	AD570575	36.355	.00424	.05189	123.10	.00527	-.00360
112	AD570576	109.21	.10170	.00139	H443.88	.00110	-.00490
113	AD570577	.06031	.00049	.11594	374.69	.02018	-.00349
114	AD570578	47.274	.30604	.00015	14.858	.00120	-.00142
115	AD570578/L (1:5)	8.9948	.05989	-.00026	2.3803	.00035	-.00226
116	AD570578/PS	54.288	.47790	.19528	24.290	.19486	.18726
117	AD570579/MS	56.476	.48996	.18638	24.742	.18909	.18454
118	AD570580/SD	55.777	.48435	.18466	24.624	.18825	.18148
119	AD570581	.00887	H35.937	1.8760	.38747	16.622	16.312
120	AD570582/FB	9.3352	.18919	.19021	9.7807	.19203	.19002
121	AD570583/PB	.02107	.00065	.00004	.00506	.00033	-.00274
122	AD570730	16.836	2.6142	.00537	1.7984	.06695	.10251
123	AD570731	24.647	1.6054	.00265	1.3020	.09313	.12129
124	AD570731/L (1:5)	5.2982	.34276	.00067	.15865	.01992	.02513
125	AD570731/PS	41.537	1.8864	.37093	21.760	.44180	.46784
126	AD570732/MD	28.024	2.5791	.00185	1.4325	.10964	.10415
127	AD570733/MS	37.982	4.6261	.00083	1.9793	.98554	.12851
128	AD570734	22.990	1.3020	.00203	2.1065	.08356	.11424
129	AD570735/CLPSL	18.947	2.6133	.53023	3.7455	.44886	.68000
130	AD570736/PB	.01389	.00035	.00102	.02056	-.00244	.00130
131	CCB	.00170	.00002	.00163	.00997	.00087	-.00028
132	CCB	.02634	.00017	.00172	.00738	.00052	.00020
133	CCB	.01735	.00009	.00149	.00452	.00060	-.00034
134	CCB	.01869	.00018	.00177	.00114	.00051	.00122
135	CCB	.02229	.00023	.00222	.00451	.00072	.00066
136	CCB	.03666	.00023	.00216	.00388	.00050	-.00011
137	CCB	.00741	.00014	.00177	.00881	.00045	-.00129
138	CCB	.01759	.00028	.00157	.00320	.00096	-.00137
139	CCB	.04569	.00043	.00235	.00673	.00021	-.00259
140	CCB	.02537	.00029	.00265	.00215	-.00009	-.00053
141	CCB	.04320	.00048	.00246	.00105	.00067	-.00033
142	CCB	.01069	.00018	.00163	.00163	.00052	-.00253
143	CCB	.01389	.00027	.00220	.00890	.00003	-.00247
144	CCB	.00661	.00014	.00236	.02978	.00015	-.00176
145	CCB	.01074	.00035	.00272	.00360	-.00038	-.00119
146	CCB	.01229	.00016	.00211	.00166	.00017	.00051
147	CCB	-.00190	-.00007	.00245	.00012	-.00073	-.00130
148	CCB	.00239	.00008	.00214	.00306	-.00046	.00003
149	CCB	.00657	.00016	.00220	.00331	-.00082	.00009
150	CCV	27.282	Q.55823	.54661	Q27.750	Q.55078	.54112
151	CCV	24.756	.50649	.49885	25.278	.50163	.49610
152	CCV	24.849	.51290	.50209	25.168	.50778	.50645
153	CCV	24.652	.50884	.49982	25.079	.50430	.50189
154	CCV	24.032	.49448	.49115	25.031	.49121	.48865
155	CCV	23.916	.49056	.48693	24.971	.48921	.48269
156	CCV	23.918	.49662	.48869	25.058	.49494	.48614
157	CCV	24.112	.50327	.49541	25.261	.50067	.49118
158	CCV	25.013	.50408	.49446	25.697	.49789	.49242
159	CCV	25.414	.50578	.50273	27.000	.50050	.49609
160	CCV	24.369	.49290	.48404	25.057	.48639	.48156
161	CCV	23.866	.48491	.47678	24.890	.47880	.47484

#	Sample Name	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
162	CCV	23.776	.48651	.47708	25.070	.48410	.47149
163	CCV	23.531	.48493	.47587	24.614	.48567	.47108
164	CCV	23.269	.48312	.47678	24.654	.48920	.46950
165	CCV	24.877	.50832	.49792	25.592	.50606	.49616
166	CCV	24.941	.51275	.50087	25.694	.51716	.49761
167	CCV	24.846	.51677	.50009	25.970	.52573	.49915
168	CCV	25.082	.51999	.50508	26.160	.53137	.50456
169	CRI	.19516	.00296	.01004	.71195	.01065	.00499
170	CRI	.19769	.00298	.00907	.65631	.01094	.00329
171	CRI	.19993	.00300	.01017	.63192	.01101	.00431
172	CRI	.20461	.00305	.00956	.70977	.01030	.00144
173	CRI	.19900	.00291	.01076	.64971	.01026	.00757
174	ICB	.00213	.00007	.00251	.00143	.00036	-.00003
175	ICB	.01914	.00035	.00304	.00722	.00043	-.00116
176	ICB	.00263	.00003	.00263	.00498	.00006	.00000
177	ICSA	489.23	-.00038	-.00030	.01294	.00017	-.02454
178	ICSA	483.18	-.00032	.00006	.01996	.00059	-.02121
179	ICSA	486.22	-.00027	.00011	.00153	.00128	-.02604
180	ICSA	482.62	-.00038	-.00134	.00572	.00063	-.02270
181	ICSA	500.54	-.00068	.00102	.00921	-.00046	-.02441
182	ICSAB	488.59	.47730	.00027	.00060	.95404	.02783
183	ICSAB	476.79	.46789	.00027	.00168	.93998	.02857
184	ICSAB	488.37	.47180	.00029	.00587	.93987	.02094
185	ICSAB	486.22	.47041	-.00098	.00821	.93403	.02336
186	ICSAB	501.74	.48868	-.00066	.01706	.97947	.02760
187	ICV	18.722	.37962	.37775	19.155	.37539	.37327
188	ICV	18.758	.37724	.37554	19.245	.37255	.36929
189	ICV	18.736	.37985	.37983	19.156	.37725	.37343
190	IDOC1AK	9.8487	.20210	.20642	10.290	.21131	.21438
191	IDOC2AK	9.9115	.20331	.20767	10.369	.21310	.20372
192	IDOC3AK	9.9089	.20341	.20897	10.361	.21267	.20513
193	IDOC4AK	10.017	.20586	.21176	10.531	.21639	.20465
194	STD 1		1.1219	1.41484		3.5382	1.251
195	STD 1		1.0473	1.367		3.35871	1.2294
196	STD 1		.94546	1.29508		3.02362	1.19378
197	STD 2		5.52879	6.90277		18.333	6.16325
198	STD 2		5.23371	6.79838		17.6451	6.1073
199	STD 2		4.96024	6.32193		15.7948	5.67842
200	STD 3	78.7999	10.9638	13.828	3.76866	36.5569	12.2554
201	STD 3	74.8921	10.242	13.4051	3.70243	34.7288	11.868
202	STD 3	69.7465	9.26643	12.7355	3.46011	31.731	11.2942
203	STD 3 VER	49.986	.99278	1.0038	50.751	.99290	.99478
204	STD 3 VER	49.991	.98585	.99722	50.899	.98247	.99519
205	STD 3 VER	49.927	.99429	1.0050	50.786	.99604	.99417
206	STD BLK	.01047	.00267	.02156	.01049	-.23948	.00666
207	STD BLK	.01261	.00256	.01773	.01084	-.23491	.03823
208	STD BLK	.02213	.0043	.01761	.01209	-.22684	.02743

#	Sample Name	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
1	A5C61804	.01746	.01409	.01493	-.00755	.01869	.01305
2	A5D83501	.00920	.00823	-.00054	.00063	.00855	-.00510
3	A5D83501	.00661	.00541	.01002	-.00108	.02797	.00105
4	AD564147	.01217	.01109	-.00078	-.00099	.00041	-.00139
5	AD569987	.00105	.00019	.00065	.00211	-.00211	.00204
6	AD569988	.00042	-.00004	-.00218	.00296	-.00322	-.00166
7	AD569989	.00131	.00041	.00049	-.00051	-.00065	.00106
8	AD569990	.00112	.00030	-.00025	-.00150	-.00193	.00057
9	AD569991	.00143	.00065	-.00461	-.00209	-.00903	-.00240
10	AD569992	.00130	.00055	-.00164	-.00133	-.00150	-.00171
11	AD569993	.00286	.00151	.00085	.00020	.00165	.00046
12	AD569994	-.00059	-.00046	.00043	-.00036	-.00328	.00228
13	AD569995	.00023	-.00008	-.00022	.00026	.00091	-.00079
14	AD569996	.00078	.00000	.00156	-.00002	.00485	-.00007
15	AD569997	.00064	.00007	.00015	-.00136	-.00055	.00050
16	AD569998	.00031	-.00036	.00114	-.00167	.00039	.00151
17	AD569999	.00029	-.00014	-.00068	-.00060	-.00198	-.00003
18	AD570000	-.00012	-.00048	.00059	-.00124	.00154	.00012
19	AD570001	.00026	-.00014	-.00045	-.00020	.00106	-.00121
20	AD570002	.00123	.00006	.00065	.00106	.00164	.00015
21	AD570003	-.00014	.00019	.00039	-.00151	-.00095	.00107
22	AD570003/L (1:5)	-.00014	-.00049	.00041	-.00224	.00100	.00012
23	AD570003/PS	.19921	.20072	.20513	.19269	.21002	.20268
24	AD570004/MD	-.00106	-.00114	.00094	-.00029	.00146	.00067
25	AD570005/MS	.02161	.02316	.05045	.09947	.05419	.04858
26	AD570006/SD	.02239	.02240	.05016	.09759	.05149	.04950
27	AD570007/FB	.20297	.20315	.20516	.19411	.20524	.20513
28	AD570008/PB	-.00029	-.00062	-.00114	-.00049	-.00052	-.00144
29	AD570021	.00987	.00924	-.00003	-.00059	.00417	-.00213
30	AD570086/(1:10)	-.00128	-.00042	.00053	-.00197	.00276	-.00058
31	AD570086/L (1:50)	.00189	.00182	-.00060	-.00083	.00030	-.00106
32	AD570086/PS (1:10)	.18807	.18896	.18734	.18136	.18878	.18662
33	AD570087/(1:10)	.02185	.02128	.02286	.01841	.02528	.02165
34	AD570088/(1:10)	.02129	.02089	.01932	.01942	.01791	.02002
35	AD570102/(1:20)	.00140	.00044	.00069	.00478	-.00236	.00222
36	AD570186	.00923	.00956	.00012	-.00194	.00225	-.00094
37	AD570247/(1:5)	.00083	.00008	.00178	-.00079	-.00047	.00292
38	AD570248/(1:5)	-.00112	-.00089	.00048	.00088	.00086	.00029
39	AD570262	.00231	.00195	-.00163	-.00062	-.00566	.00038
40	AD570307	.00138	.00004	.00117	-.00089	.00155	.00098
41	AD570315	.00285	.00220	.00068	.00051	.00256	-.00025
42	AD570318/(1:100)	.00001	.00025	.00280	.00053	.00150	.00345
43	AD570319/(1:5)	.00085	.00025	.00000	.00118	.00178	-.00088
44	AD570330	.00217	.00134	.00218	-.00071	.00352	.00151
45	AD570332	.00090	.00029	.00105	-.00058	.00078	.00118
46	AD570334/(1:10)	-.00056	-.00019	.00115	.00077	.00325	.00009
47	AD570335/(1:10)	.00045	.00088	.00166	.00418	.00154	.00172
48	AD570336/(1:10)	.00090	.00072	.00130	.00536	.00139	.00126
49	AD570341	.00079	.00066	.00128	.00231	.00175	.00104
50	AD570342	-.00001	.00043	-.00119	.00101	.00022	-.00189
51	AD570412	.12948	.12653	-.00169	.00247	.00141	-.00324
52	AD570412/L (1:5)	.02743	.02593	.00076	.00144	.00058	.00086
53	AD570412/PS	.47705	.47192	.34817	.35067	.35020	.34716

Analysis Report Averages 12/13/05 10:10:17 AM page 18

#	Sample Name	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
54	AD570413	.45433	.45015	-.00450	.00131	-.00840	-.00255
55	AD570414	.33421	.33343	-.00095	.00930	-.00020	-.00132
56	AD570414/L (1:5)	.06669	.06650	-.00221	-.00056	-.00315	-.00174
57	AD570414/PS	.71695	.71388	.38557	.40029	.38561	.38555
58	AD570415/MS	.68320	.67922	.38948	.23988	.38883	.38980
59	AD570416/SD	.62793	.62389	.37430	.26600	.36997	.37647
60	AD570417	.30095	.30008	-.00138	.01374	-.00581	.00082
61	AD570418	.20072	.19739	-.00740	.00083	-.00546	-.00837
62	AD570418/L (1:5)	.04310	.04336	-.00129	-.00006	-.00309	-.00039
63	AD570418/PS	.47113	.46570	.25804	.26890	.26048	.25682
64	AD570419	.11921	.11590	-.00611	.00243	-.00583	-.00625
65	AD570419/L (1:5)	.02284	.02298	-.00365	-.00214	-.00346	-.00375
66	AD570419/PS	.48721	.48094	.35539	.37370	.36178	.35220
67	AD570420	.05328	.05249	-.00410	.00233	-.00626	-.00302
68	AD570421	.11858	.11538	-.00352	.00040	-.00542	-.00256
69	AD570422	.05435	.05436	-.00113	.00046	-.00591	.00126
70	AD570423	.09511	.09357	-.00052	-.00033	-.00210	.00026
71	AD570424	.06278	.06251	-.00390	.00099	-.00632	-.00269
72	AD570425	.11654	.11348	-.00208	-.00032	-.00324	-.00150
73	AD570426	.07929	.07650	-.00702	.00101	-.00769	-.00668
74	AD570427	198.07	H197.51	.07216	H56.973	.07658	.06995
75	AD570427/L (1:5)	40.566	H40.521	.01444	11.891	.01536	.01398
76	AD570427/PS	192.21	H191.27	.46876	H55.553	.47971	.46330
77	AD570428/CLPSL	.73907	.73896	.75031	.40257	.74580	.75257
78	AD570429/PB	.00232	.00126	.00564	H.02365	.00323	.00685
79	AD570545	-.00123	-.00114	.00012	.00275	-.00172	.00105
80	AD570546	-.00103	-.00097	-.00057	.00107	-.00008	-.00082
81	AD570547	.00294	.00133	.00221	.00021	.00569	.00046
82	AD570548	.00176	.00054	.00323	.00038	.00579	.00194
83	AD570549	.03023	.02914	-.00140	.00048	.00013	-.00217
84	AD570550	.01726	.01639	.00068	.00015	.00113	.00046
85	AD570551	.35490	.35353	-.00034	-.00083	.00408	-.00256
86	AD570552	.03234	.03100	-.00111	-.00060	-.00139	-.00097
87	AD570553	.00003	-.00058	.00079	-.00158	.00321	-.00041
88	AD570554	.07125	.07010	.00144	-.00108	.00634	-.00101
89	AD570555	.00222	.00068	-.00161	-.00030	-.00385	-.00049
90	AD570555/L (1:5)	-.00061	-.00072	.00054	-.00155	.00745	-.00290
91	AD570555/PS	.19242	.19172	.19431	.19504	.19118	.19587
92	AD570556/MS	.18949	.18755	.18944	.18484	.19274	.18779
93	AD570557/SD	.18490	.18318	.18605	.18440	.19262	.18277
94	AD570558	.00290	.00211	.00155	.00131	.00743	-.00139
95	AD570559	.01672	.01559	.00014	.00167	.00222	-.00089
96	AD570560	.00217	.00077	.00304	.00043	.00721	.00095
97	AD570561	.03188	.02716	-.00097	.00125	.00114	-.00203
98	AD570562/FB	.19827	.19777	.20708	.19996	.20709	.20708
99	AD570563/PB	.00239	.00057	.00155	-.00115	.00807	-.00170
100	AD570564	.00012	-.00106	.01156	-.00120	.01247	.01110
101	AD570565	.00316	.00132	.01034	.00101	.01383	.00860
102	AD570566	.00019	-.00054	.00695	-.00140	.01352	.00367
103	AD570567	.00238	.00119	.00273	.00107	.01034	-.00106
104	AD570568	-.00027	-.00162	.00265	-.00085	.00683	.00056
105	AD570569	.00237	.00112	.00277	.00321	.00850	-.00008
106	AD570570	.00437	.00370	.00155	.00628	.00430	.00018
107	AD570571	.06077	.05943	.00530	-.00246	.01265	.00162

#	Sample Name	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
108	AD570572	.00136	-.00058	.00128	-.00185	.00447	-.00030
109	AD570573	.00314	.00132	.01125	.00027	.01782	.00797
110	AD570574	.00151	.00069	.00258	-.00172	.00729	.00022
111	AD570575	.00088	-.00061	-.00025	-.00200	.00071	-.00073
112	AD570576	.00131	-.00075	.00059	-.00145	.00645	-.00234
113	AD570577	-.00176	-.00233	.00283	.00117	.00868	-.00008
114	AD570578	.00084	.00009	-.00120	-.00145	-.00337	-.00011
115	AD570578/L (1:5)	-.00003	-.00077	.00041	-.00207	.00212	-.00043
116	AD570578/PS	.19468	.19221	.19345	.19266	.19741	.19147
117	AD570579/MS	.18734	.18641	.19106	.18482	.19457	.18930
118	AD570580/SD	.18640	.18477	.18846	.18125	.19089	.18725
119	AD570581	16.195	16.234	26.297	4.2506	26.405	26.243
120	AD570582/FB	.19352	.19236	.19208	.18748	.19262	.19181
121	AD570583/PB	.00048	-.00059	-.00037	-.00242	.00080	-.00097
122	AD570730	.11406	.11021	.00099	.00118	.00015	.00141
123	AD570731	.13476	.13027	.00056	.00187	-.00372	.00271
124	AD570731/L (1:5)	.03025	.02855	.00073	-.00070	.00026	.00097
125	AD570731/PS	.47807	.47466	.34472	.35364	.34709	.34354
126	AD570732/MD	.12059	.11512	.00063	.00480	-.00420	.00305
127	AD570733/MS	.15393	.14547	.07527	.02500	.07644	.07469
128	AD570734	.13436	.12766	.00115	.00029	-.00219	.00283
129	AD570735/CLPSL	.68566	.68378	.73431	.34895	.72178	.74058
130	AD570736/PB	.00178	.00162	-.00112	-.00061	-.00810	.00236
131	CCB	.00248	.00156	-.00084	.00183	-.00185	-.00034
132	CCB	.00069	.00053	-.00001	.00265	.00249	-.00127
133	CCB	.00103	.00057	-.00071	.00027	-.00572	.00179
134	CCB	.00005	.00044	.00107	.00256	.00246	.00038
135	CCB	.00100	.00088	.00144	.00524	.00011	.00211
136	CCB	.00061	.00036	.00026	.00243	-.00040	.00060
137	CCB	.00212	.00098	-.00071	-.00030	-.00326	.00056
138	CCB	.00013	-.00037	.00131	.00011	-.00095	.00244
139	CCB	.00243	.00075	.00415	.00398	.00567	.00338
140	CCB	-.00016	-.00028	.00139	.00120	.00109	.00154
141	CCB	-.00011	-.00018	.00173	.00240	-.00134	.00327
142	CCB	.00352	.00150	.00117	.00283	-.00348	.00349
143	CCB	-.00121	-.00163	.00014	-.00047	-.00134	.00089
144	CCB	.00005	-.00055	.00097	-.00126	.00523	-.00115
145	CCB	.00055	-.00002	.00044	.00096	.00374	-.00120
146	CCB	-.00051	-.00017	-.00273	.00096	-.00292	-.00264
147	CCB	-.00236	-.00201	-.00048	-.00071	.00099	-.00121
148	CCB	-.00177	-.00117	-.00213	-.00207	-.00138	-.00251
149	CCB	.00031	.00024	-.00402	.01397	-.00690	-.00258
150	CCV	.53686	.53928	Q.55024	.54105	.54571	.55251
151	CCV	.49562	.49578	.50229	.48757	.50140	.50275
152	CCV	.49383	.49803	.50445	.47252	.50510	.50413
153	CCV	.48936	.49353	.49670	.47009	.50326	.49343
154	CCV	.48302	.48490	.48746	.47079	.48848	.48696
155	CCV	.47997	.48088	.48047	.46830	.48722	.47711
156	CCV	.47995	.48201	.48570	.47656	.49203	.48255
157	CCV	.48838	.48932	.48962	.47725	.48918	.48985
158	CCV	.49420	.49361	.49537	.49517	.49903	.49355
159	CCV	.49770	.49716	.51229	.51739	.51219	.51235
160	CCV	.48257	.48224	.47998	.48796	.48023	.47986
161	CCV	.47357	.47399	.47836	.47620	.48209	.47650

#	Sample Name	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
162	CCV	.47458	.47355	.47681	.47446	.47853	.47596
163	CCV	.47156	.47140	.47205	.46760	.47819	.46899
164	CCV	.47137	.47075	.47605	.46657	.48231	.47293
165	CCV	.49808	.49744	.49824	.50188	.50358	.49558
166	CCV	.50273	.50102	.50048	.50094	.50992	.49576
167	CCV	.50303	.50174	.50353	.49294	.51131	.49965
168	CCV	.50800	.50686	.50474	.52119	.51122	.50151
169	CRI	.00694	.00629	.01618	.01922	.01591	.01631
170	CRI	.00481	.00431	.01410	.01858	.01682	.01274
171	CRI	.00594	.00540	.01401	.01993	.01550	.01326
172	CRI	.00452	.00349	.01735	.01832	.01626	.01790
173	CRI	.00353	.00488	.01189	.01963	.01151	.01208
174	ICB	.00007	.00003	.00082	.00320	-.00220	.00233
175	ICB	-.00013	-.00047	.00134	.00405	.00061	.00171
176	ICB	-.00107	-.00071	-.00205	.00324	-.00272	-.00172
177	ICSA	.02079	.00569	-.00417	.00264	-.00605	-.00323
178	ICSA	.01701	.00428	-.00538	.00409	-.00018	-.00797
179	ICSA	.02387	.00725	-.00905	.00459	-.00923	-.00896
180	ICSA	.01835	.00468	-.01198	.00042	-.00640	-.01478
181	ICSA	.01964	.00497	-.01525	.00525	-.01534	-.01520
182	ICSAB	.06802	.05464	.04663	.59942	.04399	.04794
183	ICSAB	.06602	.05355	.04505	.57987	.04666	.04424
184	ICSAB	.06849	.05266	.04080	.60569	.03645	.04297
185	ICSAB	.06961	.05421	.04291	.60374	.04167	.04353
186	ICSAB	.06841	.05482	Q.03851	.62563	.03430	.04062
187	ICV	.37264	.37285	.37470	.37853	.37041	.37686
188	ICV	.37054	.37012	.37004	.37813	.37544	.36735
189	ICV	.37333	.37336	.37340	.37938	.38028	.36997
190	IDOC1AK	.22301	.22014	.19667	.44908	.19738	.19632
191	IDOC2AK	.20651	.20558	.19719	.28239	.19883	.19637
192	IDOC3AK	.20665	.20614	.19728	.24379	.20277	.19454
193	IDOC4AK	.20710	.20628	.20152	.22912	.20062	.20197
194	STD 1	1.16629			.55935	.42146	1.08884
195	STD 1	1.13845			.57413	.40222	1.1112
196	STD 1	1.0929			.57535	.38076	1.09614
197	STD 2	5.73608			2.78803	2.57393	5.05206
198	STD 2	5.731			2.89397	2.48366	5.02523
199	STD 2	5.39654			2.779	2.35232	4.7679
200	STD 3	11.4515			5.6223	5.16622	9.88197
201	STD 3	11.2648			5.73535	5.02596	9.81479
202	STD 3	10.7636			5.59962	4.79069	9.53481
203	STD 3 VER	.99189	.99285	1.0105	1.0057	1.0054	1.0131
204	STD 3 VER	.99170	.99286	.99937	1.0098	1.0018	.99818
205	STD 3 VER	1.0050	1.0014	1.0061	1.0139	1.0114	1.0035
206	STD BLK	-.00307			-.00822	-.09832	.12946
207	STD BLK	-.00001			.01162	-.11412	.13897
208	STD BLK	.0254			.03012	-.09098	.15472

#	Sample Name	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
1	A5C61804	.11825	L-.03095	.00547	H10.373	.03724	.00022
2	A5D83501	.00022	-.00210	.00024	1.0750	.00726	-.00024
3	A5D83501	-.00089	L-.02833	-.00015	.53190	.04323	.00016
4	AD564147	.17861	-.00304	.01134	H9.2252	.00248	.00028
5	AD569987	.00013	.00031	-.00008	.00341	-.00186	.00021
6	AD569988	-.00003	-.00122	.00007	.00332	.00195	.00027
7	AD569989	.00173	-.00242	.00088	.00229	-.00012	.00013
8	AD569990	.00045	-.00188	.00031	.00900	.00064	-.00006
9	AD569991	.00024	-.00250	.00000	.01122	.00245	.00019
10	AD569992	-.00031	-.00413	-.00024	.00581	.00059	.00013
11	AD569993	-.00019	-.00230	.00006	.01039	-.00015	.00015
12	AD569994	.00000	-.00185	-.00012	.01874	.00120	.00025
13	AD569995	-.00012	-.00071	.00142	.00354	.00057	.00012
14	AD569996	-.00016	-.00461	.00247	.00235	-.00126	-.00017
15	AD569997	.00017	-.00129	.00270	.00512	.00144	.00019
16	AD569998	.00014	-.00149	.00244	.00801	.00297	.00027
17	AD569999	.00156	-.00011	.00039	.00304	.00086	.00018
18	AD570000	-.00005	-.00390	.00028	.00287	.00301	.00004
19	AD570001	.00118	-.00073	.00016	.00792	.00109	.00039
20	AD570002	.00009	-.00365	.00015	.00104	-.00016	.00021
21	AD570003	-.00021	-.00306	-.00024	.00289	-.00091	.00008
22	AD570003/L (1:5)	-.00036	-.00325	.00015	.00013	.00070	.00018
23	AD570003/PS	.19258	.18594	.19708	.19842	.20554	.04984
24	AD570004/MD	-.00022	-.00332	-.00016	.01229	.00080	.00020
25	AD570005/MS	.00002	.04738	.48818	.50028	.00045	.04907
26	AD570006/SD	-.00006	.04387	.49727	.50446	-.00020	.04975
27	AD570007/FB	.19875	.19309	.19839	.20180	.20429	.04958
28	AD570008/PB	-.00021	-.00200	.00000	.00123	.00299	.00046
29	AD570021	.00035	-.00257	-.00024	1.0429	.00214	.00008
30	AD570086/(1:10)	.00034	-.00436	.00012	.06176	-.00002	.00090
31	AD570086/L (1:50)	.00015	-.00393	.00002	.01590	-.00160	.00001
32	AD570086/PS (1:10)	.18733	.18179	.18750	.24479	.19025	.04892
33	AD570087/(1:10)	.02054	.01600	.02008	.08436	.01901	.00602
34	AD570088/(1:10)	.02028	.01839	.01981	.08464	.01954	.00599
35	AD570102/(1:20)	.01384	-.00026	.00702	.00203	.00421	.00020
36	AD570186	.00067	-.00279	-.00015	1.0429	.00214	.00027
37	AD570247/(1:5)	-.00014	-.00160	.00000	-.00036	-.00023	.00034
38	AD570248/(1:5)	-.00022	-.00360	-.00018	.00570	.00014	.00067
39	AD570262	-.00020	-.00152	.00040	.00529	-.00039	.00022
40	AD570307	.02778	-.00255	.00146	.00425	.00190	-.00005
41	AD570315	.10206	-.00335	.00564	.01020	.00026	.00023
42	AD570318/(1:100)	.00343	-.00155	.00103	.00230	.00022	.00001
43	AD570319/(1:5)	.00657	-.00781	.00709	.00945	.00354	.00024
44	AD570330	.00710	-.00111	.00114	.00289	.00107	.00040
45	AD570332	.02005	-.00235	.00137	.00824	.00070	.00018
46	AD570334/(1:10)	.01526	-.00255	.03510	.00334	.00257	.00001
47	AD570335/(1:10)	.03706	-.00260	.04136	.00894	.00375	.00023
48	AD570336/(1:10)	.02044	-.00083	.01549	.00246	.00785	.00039
49	AD570341	.00220	-.00290	.00023	.03188	-.00004	.00036
50	AD570342	.00051	-.00326	.00015	.06602	.00003	.00023
51	AD570412	.26408	-.00317	.04888	.28250	.02343	.00097
52	AD570412/L (1:5)	.11546	-.00024	.01140	.06165	.00371	.00018
53	AD570412/PS	.58881	.31927	.38497	.60750	.39198	.09571

Analysis Report Averages 12/13/05 10:10:17 AM page 22

#	Sample Name	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
54	AD570413	.83473	L-.02503	.11949	.79971	.05166	.06821
55	AD570414	.89952	-.00898	.05845	1.1180	.06966	.00163
56	AD570414/L (1:5)	.30209	-.00020	.01204	.22947	.01588	.00041
57	AD570414/PS	1.2844	.38863	.45451	1.4485	.46735	.10320
58	AD570415/MS	1.1559	.37523	.45030	1.5482	.43888	.10173
59	AD570416/SD	1.2681	.35912	.46223	1.3673	.43838	.10102
60	AD570417	.63458	-.00624	.05752	.92882	.06425	.00156
61	AD570418	1.0438	L-.02668	.14231	.28774	.02334	.00562
62	AD570418/L (1:5)	.28505	-.00635	.03260	.06734	.00620	.00123
63	AD570418/PS	1.3264	.24114	.41448	.54506	.29873	.07752
64	AD570419	2.6658	L-.02732	.21893	.60958	.02526	.00031
65	AD570419/L (1:5)	.63305	-.00524	.04815	.13214	.00679	.00002
66	AD570419/PS	2.9235	.32962	.58235	.94503	.41013	.09745
67	AD570420	1.6854	L-.01057	.09021	.23285	.04085	-.00034
68	AD570421	2.4788	L-.02693	.21588	.59573	.02419	.00028
69	AD570422	1.7939	L-.01172	.09346	.31346	.04682	-.00009
70	AD570423	.39902	L-.01517	.09685	.58798	.03254	.00034
71	AD570424	.47792	L-.01033	.07707	.44461	.03907	.00041
72	AD570425	2.1447	L-.01973	.19220	.49290	.01722	.00038
73	AD570426	2.0907	L-.01611	.15851	.37498	.01392	.00004
74	AD570427	2.3305	L-.04162	.08025	H161.59	.31451	.03381
75	AD570427/L (1:5)	2.2399	L-.01006	.01887	H43.285	.07234	.00694
76	AD570427/PS	2.9349	.33143	.45316	H157.02	.69943	.13300
77	AD570428/CLPSL	2.7262	1.4211	.54423	1.0876	1.6187	.75529
78	AD570429/PB	.00042	.00414	.00031	.01098	H.04070	.00012
79	AD570545	.00023	.00031	-.00017	.00124	-.00045	-.00020
80	AD570546	.00032	-.00039	-.00042	.12314	.00065	-.00010
81	AD570547	-.00006	.00123	-.00009	.05056	.00031	-.00008
82	AD570548	.02081	.00029	.00121	.04372	.00125	-.00018
83	AD570549	.01185	L-.01087	.00117	.01576	.00226	-.00009
84	AD570550	.01402	-.00896	.00098	.00805	.00321	-.00021
85	AD570551	.02444	-.00457	.00417	.02061	.00132	-.00012
86	AD570552	.00105	-.00080	.00000	.00738	.00015	-.00008
87	AD570553	.00046	-.00136	-.00011	.01193	.00183	.00000
88	AD570554	.01229	-.00723	.00063	.00747	.00389	-.00032
89	AD570555	.00164	L-.01014	.00049	.00080	.00223	.00016
90	AD570555/L (1:5)	.00017	-.00044	-.00023	.00039	.00115	-.00013
91	AD570555/PS	.19202	.17732	.18900	.18493	.19981	.04960
92	AD570556/MS	.18699	.17109	.18118	.17995	.18793	.04777
93	AD570557/SD	.18231	.16621	.17644	.17570	.18330	.04645
94	AD570558	.00092	-.00718	-.00021	.00143	.00391	-.00023
95	AD570559	.00065	-.00747	.00000	.00302	-.00118	.00009
96	AD570560	.00302	-.00765	.00071	.00066	.00067	.00004
97	AD570561	1.1811	-.00544	.07867	.15213	.00329	-.00007
98	AD570562/FB	.20190	.20029	.19608	.19020	.19844	.05067
99	AD570563/PB	.00144	.00064	-.00001	.00076	-.00052	-.00007
100	AD570564	.00530	-.00114	.00054	.02504	.00176	-.00036
101	AD570565	.00088	.00048	.00000	.04619	.00301	-.00025
102	AD570566	.00823	.00061	.00075	.00969	.00235	.00001
103	AD570567	.00280	-.00050	.00119	.04190	-.00054	-.00009
104	AD570568	.00436	.00008	.00165	.00929	-.00073	-.00007
105	AD570569	.00208	.00171	.00084	.01806	.00201	.00000
106	AD570570	.00614	.00124	.00182	.37904	.00022	-.00005
107	AD570571	.00063	-.00117	.00021	3.2283	.00271	-.00020

#	Sample Name	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
108	AD570572	-.00040	-.00075	-.00009	.01508	-.00008	-.00030
109	AD570573	.00146	-.00072	.00010	1.8308	.00471	-.00020
110	AD570574	.00036	-.00059	.00029	.32436	.00117	-.00012
111	AD570575	.00076	-.00005	.00160	.00829	.00128	.00000
112	AD570576	-.00029	.00122	-.00036	.00182	.00142	.00000
113	AD570577	-.00026	-.00143	.00055	.00243	.00286	-.00029
114	AD570578	.01097	-.00419	.00068	.00185	.00005	.00010
115	AD570578/L (1:5)	.00251	-.00043	-.00014	.00000	-.00183	-.00024
116	AD570578/PS	.19831	.17860	.18347	.19023	.20158	.04903
117	AD570579/MS	.19038	.16838	.17633	.18542	.18883	.04718
118	AD570580/SD	.18914	.16831	.17443	.18409	.19012	.04648
119	AD570581	-.00019	4.2160	20.569	H14.133	-.00114	H2.8810
120	AD570582/FB	.18824	.18415	.18368	.19166	.18748	.04791
121	AD570583/PB	.00069	.00019	-.00033	.00081	.00240	-.00043
122	AD570730	1.8338	-.00964	.16562	.39011	.01792	.00063
123	AD570731	2.0152	L-.01651	.19602	.46113	.02313	.00038
124	AD570731/L (1:5)	.43086	-.00399	.04140	.09827	.00621	.00018
125	AD570731/PS	2.3334	.34051	.55398	.76818	.38378	.09583
126	AD570732/MD	2.3741	L-.01985	.21330	.47972	.02110	.00014
127	AD570733/MS	2.5425	.05816	1.0980	1.4045	.02598	.08470
128	AD570734	2.1631	L-.01486	.19748	.42449	.01776	.00014
129	AD570735/CLPSL	2.7240	1.4561	.55335	.98770	L1.1097	.58851
130	AD570736/PB	.00089	-.00129	-.00050	.00213	H.04732	.00008
131	CCB	-.00006	-.00154	.00023	-.00044	-.00071	.00024
132	CCB	.00014	-.00054	.00039	-.00030	.00091	.00068
133	CCB	-.00008	-.00160	.00007	.00000	-.00102	.00018
134	CCB	.00005	-.00256	.00023	.00027	.00299	.00025
135	CCB	.00016	-.00054	.00055	.00012	.00040	.00029
136	CCB	.00010	-.00125	.00024	-.00043	.00151	.00022
137	CCB	.00000	-.00276	.00008	-.00014	.00159	.00048
138	CCB	.00012	.00019	.00008	.00059	-.00043	.00033
139	CCB	.00052	.00380	-.00008	.00095	.00152	.00042
140	CCB	.00060	-.00061	.00007	.00078	-.00079	.00007
141	CCB	.00049	-.00053	-.00007	.00081	.00277	.00007
142	CCB	.00022	.00378	-.00016	.00000	-.00262	.00006
143	CCB	.00027	.00170	-.00007	.00032	-.00013	.00038
144	CCB	.00018	.00448	-.00014	.00000	-.00010	.00021
145	CCB	.00024	.00524	-.00015	.00066	-.00013	.00026
146	CCB	.00051	.00183	.00037	-.00038	.00155	.00005
147	CCB	.00023	-.00154	.00000	.00211	.00157	.00012
148	CCB	.00044	-.00084	.00009	.00192	.00187	-.00017
149	CCB	.00039	.00263	.00029	.00295	.00061	.00000
150	CCV	.54653	.53096	.54326	.54352	Q.55838	.52551
151	CCV	.49637	.48307	.49227	.49491	.51570	.48190
152	CCV	.48213	.47072	.48752	.50250	.51969	.47321
153	CCV	.48174	.47969	.48527	.49805	.51469	.47252
154	CCV	.48559	.47121	.47978	.48003	.50278	.47499
155	CCV	.48064	.46402	.47383	.47297	.49911	.47119
156	CCV	.47431	Q.46715	.47135	.47823	.49318	.46468
157	CCV	.47435	Q.46724	.47424	.48606	.50336	.46652
158	CCV	.50066	.48749	.49304	.49140	.49716	.48479
159	CCV	.51184	.50145	.49992	.47908	.50125	.49403
160	CCV	.48542	.48132	.47595	.48322	.48605	.47554
161	CCV	.47457	.46757	.46452	.47348	.48237	.46684

#	Sample Name	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
162	CCV	.46529	.45928	.45677	.48023	.48235	.46168
163	CCV	.45966	Q.44824	.45063	.48015	.48513	.45727
164	CCV	.45144	Q.44079	Q.44487	.48001	.48114	.45338
165	CCV	.50431	.49941	.49593	.49845	.50873	.48538
166	CCV	.49692	.49371	.49274	.50596	.51622	.48356
167	CCV	.48979	.48103	.48891	.50972	.51608	.48232
168	CCV	.49385	.48535	.49077	.50763	.52019	.48507
169	CRI	.00495	.01688	.00475	.01970	.00723	.00298
170	CRI	.00471	.01580	.00490	.01986	.00929	.00308
171	CRI	.00500	.02124	.00456	.02049	.00833	.00297
172	CRI	.00506	.01879	.00467	.02045	.00908	.00291
173	CRI	.00515	.02018	.00498	.02050	.01259	.00307
174	ICB	.00003	-.00201	-.00048	-.00030	-.00148	.00038
175	ICB	.00041	.00339	-.00016	.00094	.00203	.00007
176	ICB	.00026	.00047	.00009	-.00019	.00068	.00034
177	ICSA	.00070	-.01881	-.00051	.00065	.00217	.00041
178	ICSA	.00052	-.01496	-.00025	-.00045	.00698	.00029
179	ICSA	.00077	-.02801	-.00009	-.00152	.00711	.00004
180	ICSA	.00072	-.03197	-.00011	-.00172	.00326	.00035
181	ICSA	.00078	-.04615	.00031	-.00448	.00769	-.00010
182	ICSAB	.00055	.08410	.48246	.93558	.00284	.21215
183	ICSAB	.00027	Q.07553	.46854	.90969	.00625	.20963
184	ICSAB	.00056	Q.07748	.47882	.91993	.00244	.21373
185	ICSAB	.00049	.08026	.47265	.92270	.00400	.21322
186	ICSAB	.00064	Q.07637	.49910	.95259	.00642	.22002
187	ICV	.37687	.37097	.37091	.36977	.38026	.36225
188	ICV	.37811	.37158	.37098	.36543	.37448	.36434
189	ICV	.37972	.37718	.37392	.36961	.38063	.36497
190	IDOC1AK	.19614	.19758	.19764	.22104	.20975	.05014
191	IDOC2AK	.19689	.20501	.19922	.20652	.20938	.04983
192	IDOC3AK	.19637	.20173	.19898	.20647	.21111	.04992
193	IDOC4AK	.19856	.20352	.20197	.20886	.21171	.05065
194	STD 1	6.0021	.50002	.24265	.13844	1.6822	1.72809
195	STD 1	6.07431	.50277	.23659	.12446	1.62632	1.73669
196	STD 1	5.90536	.48335	.21919	.10744	1.45111	1.70003
197	STD 2	29.1076	2.5019	1.20398	.67289	8.97571	8.5593
198	STD 2	30.1127	2.66919	1.19151	.617	8.5882	8.79874
199	STD 2	28.7684	2.62462	1.08787	.53517	7.87788	8.43845
200	STD 3	57.5291	5.17751	2.38557	1.33059	18.0674	17.0813
201	STD 3	59.0599	5.33953	2.3308	1.20399	17.1241	17.4385
202	STD 3	57.3251	5.31214	2.17399	1.06009	15.9766	16.974
203	STD 3 VER	.98745	.99014	.99361	.98837	1.0060	.99570
204	STD 3 VER	.99158	.99774	.99011	.98120	.98818	1.0003
205	STD 3 VER	.99544	1.0145	.99763	.99311	1.0077	1.0013
206	STD BLK	.11662	-.01952	.00057	.00076	-.13692	-.00325
207	STD BLK	.11885	-.03439	.00118	.00019	-.12331	.00119
208	STD BLK	.12458	-.02777	.00041	.0004	-.13875	.00102

Method: TRACE2 Sample Name: STD BLK Operator:
Run Time: 12/12/05 20:17 Filename: C121205
Mode: IR Type: X Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	count	count	count	count	count	count
Avge	.17936	-.02168	.09636	.01162	.12811	.0063
SDev	.0012	.0023	.00773	.00032	.00101	.00058
%RSD	.67038	10.6428	8.02859	2.75642	.79471	9.19694

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	count	count	count	count	count	count
Avge	-.06167	-.00906	.00314	.02503	-.00039	-.01258
SDev	.0112	.00003	.00444	.00204	.00111	.015
%RSD	18.1713	.35957	141.421	8.1533	283.927	119.22

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	count	count	count	count	count	count
Avge	.01261	.00256	.01773	.01084	-.23491	.03823
SDev	.00227	.00028	.00272	.0031	.0142	.00097
%RSD	18.0315	11.2359	15.3582	28.6293	6.04779	2.55646

Elems	2203/2	Sb2068	1960/1	1960/2	Ti3372	Tl1908
Units	count	count	count	count	count	count
Avge	-.00001	.01162	-.11412	.13897	.11885	-.03439
SDev	.00724	.0019	.00403	.00914	.00349	.00109
%RSD	55622.3	16.4242	3.53463	6.57736	2.93926	3.19594

Elems	V_2924	Zn2062	Sn1899	Ag3280	*Y
Units	count	count	count	count	
Avge	.00118	.00019	-.12331	.00119	2536.8
SDev	.00056	.00027	.0369	.00446	9.1216
%RSD	47.4598	141.421	29.929	374.941	.35957

Method: TRACE2 Sample Name: STD 1 Operator:
Run Time: 12/12/05 20:21 Filename: C121205
Mode: IR Type: X Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265
Units	count	count	count	count	count	count
Avge	9.47027	.73035	1.60556	6.5128	5.18146	7.25746
SDev	.01937	.00456	.00952	.02652	.01133	.03388
%RSD	.20456	.62498	.59344	.40722	.2187	.4669

Elems	Co2286	Cr2677	Cu3247	Fe2714	Mn2576	Mo2020
Units	count	count	count	count	count	count
Avge	.52649	1.31937	1.1559	1.13963	1.0473	1.367
SDev	.00135	.00449	.00039	.00044	.00144	.01639
%RSD	.2577	.34098	.03423	.03908	.13761	1.19905

Elems	Ni2316	2203/1	2203/2	Sb2068	1960/1	1960/2
Units	count	count	count	count	count	count
Avge	3.35871	1.2294	1.13845	.57413	.40222	1.1112
SDev	.00611	.0087	.01175	.01225	.0091	.01958
%RSD	.182	.70842	1.03218	2.13437	2.26359	1.76288

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	count	count	count	count	count	count
Avge	6.07431	.50277	.23659	.12446	1.62632	1.73669
SDev	.00935	.01661	.00013	.0009	.02594	.00267
%RSD	.15404	3.30505	.05895	.72634	1.59515	.15397

Elems	*Y
Units	
Avge	2550.83
SDev	1.48482
%RSD	.0582

Method: TRACE2 Sample Name: STD 2 Operator:
Run Time: 12/12/05 20:25 Filename: C121205
Mode: IR Type: X Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265
Units	count	count	count	count	count	count
Avge	47.1807	3.70573	7.67913	32.7816	25.457	36.3067
SDev	.51642	.04844	.09747	.37524	.27437	.43014
%RSD	1.09456	1.30735	1.26941	1.14467	1.07781	1.18475

Elems	Co2286	Cr2677	Cu3247	Fe2714	Mn2576	Mo2020
Units	count	count	count	count	count	count
Avge	2.65727	6.60049	5.75841	5.69086	5.23371	6.79838
SDev	.02204	.06146	.07458	.05756	.04754	.00523
%RSD	.82947	.93128	1.2952	1.01151	.90841	.07696

Elems	Ni2316	2203/1	2203/2	Sb2068	1960/1	1960/2
Units	count	count	count	count	count	count
Avge	17.6451	6.1073	5.731	2.89397	2.48366	5.02523
SDev	.17704	.15357	.02068	.0164	.03223	.02861
%RSD	1.00334	2.5146	.36095	.56677	1.29791	.56934

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	count	count	count	count	count	count
Avge	30.1127	2.66919	1.19151	.617	8.5882	8.79874
SDev	.34913	.01073	.01337	.00449	.10843	.1
%RSD	1.15943	.40202	1.12278	.72819	1.26263	1.1366

Elems	*Y
Units	
Avge	2504.93
SDev	23.9708
%RSD	.95694

Method: TRACE2 Sample Name: STD 3 Operator:
Run Time: 12/12/05 20:29 Filename: C121205
Mode: IR Type: X Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	count	count	count	count	count	count
Avge	93.3119	7.35162	15.0377	64.6748	49.5988	33.7247
SDev	.14856	.03975	.05179	.14451	.11221	.09556
%RSD	.1592	.5408	.34445	.22344	.22624	.28337

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	count	count	count	count	count	count
Avge	70.9644	5.2167	12.9249	11.3673	11.1239	83.4656
SDev	.07641	.0104	.02921	.01276	.02559	.0875
%RSD	.10767	.1994	.22602	.11227	.23007	.10484

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	count	count	count	count	count	count
Avge	74.8921	10.242	13.4051	3.70243	34.7288	11.868
SDev	.12056	.01557	.14458	.02232	.08573	.06325
%RSD	.16098	.15204	1.0786	.60295	.24687	.53301

Elems	2203/2	Sb2068	1960/1	1960/2	Ti3372	Tl1908
Units	count	count	count	count	count	count
Avge	11.2648	5.73535	5.02596	9.81479	59.0599	5.33953
SDev	.02706	.01378	.03119	.02039	.10458	.03575
%RSD	.24023	.24028	.62075	.20776	.17707	.6696

Elems	V_2924	Zn2062	Sn1899	Ag3280	*Y
Units	count	count	count	count	
Avge	2.3308	1.20399	17.1241	17.4385	2526.6
SDev	.00577	.00354	.05836	.0236	6.25796
%RSD	.24767	.29417	.34083	.13533	.24768

Method: TRACE2 Sample Name: STD 3 VER Operator: SW
Run Time: 12/12/05 20:33 Filename: C121205
Mode: CONC Type: B Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	49.967	.98732	.99083	.99725	.98402	49.789
SDev	.12786	.00085	.00758	.00082	.00481	.33244
%RSD	.2559	.0864	.76576	.08262	.48902	.6677

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97927	.98453	.98532	.99822	49.200	50.490
SDev	.00648	.00391	.00583	.00085	.33969	.03649
%RSD	.66254	.39743	.59233	.08602	.69043	.07227

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	49.991	.98585	.99722	50.899	.98247	.99519
SDev	.16726	.00522	.01031	.16165	.00511	.00078
%RSD	.33459	.52984	1.0348	.3176	.52067	.0785

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99170	.99286	.99937	1.0098	1.0018	.99818
SDev	.00768	.00538	.00154	.00232	.00264	.00364
%RSD	.77497	.5425	.15455	.2303	.26434	.36476

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99158	.99774	.99011	.98120	.98818	1.0003
SDev	.00344	.0083	.00494	.01107	.00624	.00489
%RSD	.34738	.83283	.49941	1.1287	.63238	.48921

Elems	*Y
Units	
Avge	2514.53
SDev	2.54565
%RSD	.10123

Method: TRACE2 Sample Name: ICV Operator: SW
Run Time: 12/12/05 20:38 Filename: C121205
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.944	.36385	.35907	.36803	.37266	18.818
SDev	.05234	.00308	.00061	.00033	.00012	.01081
%RSD	.27634	.84675	.17032	.09081	.03417	.05749

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36512	.36721	.37012	.38395	18.545	19.012
SDev	.00053	.00036	.00002	.0011	.04467	.00898
%RSD	.14642	.09828	.00671	.28724	.24092	.04728

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.758	.37724	.37554	19.245	.37255	.36929
SDev	.01732	.00009	.00205	.08085	.00093	.00149
%RSD	.09234	.02389	.54668	.42015	.24992	.40449

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37054	.37012	.37004	.37813	.37544	.36735
SDev	.00289	.00143	.0031	.00017	.00065	.00433
%RSD	.78064	.38687	.83913	.04564	.17378	1.1791

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37811	.37158	.37098	.36543	.37448	.36434
SDev	.00062	.0065	.00064	.00087	.00083	.00036
%RSD	.16655	1.7511	.17429	.23913	.22347	.10113

Elems	*Y
Units	
Avge	2549.81
SDev	7.68978
%RSD	.30158

Method: TRACE2 Sample Name: ICB Operator: SW
Run Time: 12/12/05 20:42 Filename: C121205
Mode: CONC Type: B Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01577	.00048	.00163	.00035	.00029	.01637
SDev	.00119	.00094	.0014	.00005	.00003	.00303
%RSD	7.5895	195.26	85.837	16.857	11.287	18.563

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00013	.00051	.00026	.00028	.02038	.00827
SDev	.00002	.00009	.00003	.00002	.0023	.00205
%RSD	15.369	18.372	14.593	10.196	11.301	24.886

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01914	.00035	.00304	.00722	.00043	-.00116
SDev	.00108	0	.00107	.00984	.00001	.00084
%RSD	5.6857	1.349	35.401	136.22	3.9309	72.057

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00013	-.00047	.00134	.00405	.00061	.00171
SDev	.00072	.0002	.0014	.0017	.00156	.00132
%RSD	540.37	42.729	104.24	42.137	254.74	77.335

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00041	.00339	-.00016	.00094	.00203	.00007
SDev	.00001	.00048	0	.00066	.00192	.00006
%RSD	4.531	14.236	1.2663	70.915	94.485	87.927

Elems	*Y
Units	
Avge	2551.24
SDev	19.9934
%RSD	.78367

Method: TRACE2 Sample Name: CRI Operator: SW
Run Time: 12/12/05 20:47 Filename: C121205
Mode: CONC Type: B Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19757	.00908	.04836	.00203	.00193	.49870
SDev	.00103	.00015	.00019	.00004	0	.00107
%RSD	.52349	1.6668	.40383	2.1468	.12521	.21467

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00091	.00401	.00382	.00958	.06003	.45363
SDev	.0001	.00005	.00002	.0001	.00003	.01047
%RSD	11.66	1.2687	.60809	1.0727	.05914	2.3085

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19993	.00300	.01017	.63192	.01101	.00431
SDev	.00326	.00002	.00121	.03267	.00074	.0028
%RSD	1.6323	.94257	11.947	5.1707	6.7402	64.95

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00594	.00540	.01401	.01993	.01550	.01326
SDev	.00077	.00145	.00278	.00027	.00417	.00209
%RSD	13.046	26.865	19.896	1.4008	26.91	15.798

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00500	.02124	.00456	.02049	.00833	.00297
SDev	.00013	.00201	.00058	.00043	.00011	.00025
%RSD	2.6696	9.4748	12.798	2.1433	1.3266	8.5487

Elems	*Y
Units	
Avge	2560.16
SDev	1.32582
%RSD	.05178

Method: TRACE2 Sample Name: ICSA Operator: SW
Run Time: 12/12/05 20:51 Filename: C121205
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	483.02	.00207	.00806	.01278	.00173	481.30
SDev	1.3916	.00028	.00019	.00005	0	1.6468
%RSD	.28809	13.725	2.434	.43937	.22763	.34216

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00898	.00105	-.01459	.00035	185.01	-.01519
SDev	.00041	.00045	.00031	.00009	.57621	.01048
%RSD	4.6067	43.233	2.1624	27.532	.31145	69.001

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	486.22	-.00027	.00011	.00153	.00128	-.02604
SDev	1.0818	.00002	.0004	.00215	.00038	.00205
%RSD	.22248	10.593	342.88	140.26	29.484	7.9029

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02387	.00725	-.00905	.00459	-.00923	-.00896
SDev	.00029	.00048	.0029	.00114	.00515	.00177
%RSD	1.2327	6.7436	32.068	24.851	55.85	19.824

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00077	-.02801	-.00009	-.00152	.00711	.00004
SDev	.00011	.00374	.00012	.00025	.00385	.00008
%RSD	15.101	13.358	140.76	16.345	54.109	186.69

Elems	*Y
Units	
Avge	2354.96
SDev	7.68978
%RSD	.32653

Method: TRACE2 Sample Name: ICSAB Operator: SW
Run Time: 12/12/05 20:55 Filename: C121205
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	490.44	.09881	.00386	.52473	.48055	488.24
SDev	1.6397	.00064	.00069	.00243	.00148	1.5078
%RSD	.33432	.65694	17.964	.46424	.30921	.30881

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.90705	.45231	.45646	.51650	93.077	-.01061
SDev	.00246	.00108	.00169	.00174	.32945	.01495
%RSD	.27156	.23993	.37197	.33826	.35395	140.88

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	488.37	.47180	.00029	.00587	.93987	.02094
SDev	1.1306	.00179	.00112	.00216	.00465	.00336
%RSD	.23149	.37998	378.72	36.899	.49566	16.078

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06849	.05266	.04080	.60569	.03645	.04297
SDev	.00089	.00172	.00703	.00577	.00831	.00639
%RSD	1.3109	3.2672	17.241	.95361	22.808	14.879

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00056	Q.07748	.47882	.91993	.00244	.21373
SDev	.00013	.00087	.00188	.00363	.00343	.00021
%RSD	24.08	1.1318	.39455	.39538	140.68	.10269

Elems	*Y
Units	
Avge	2339.48
SDev	2.96998
%RSD	.12695

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 12/12/05 21:01 Filename: C121205
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.287	.47838	.48103	.48918	.49485	25.138
SDev	.08708	.00004	.00043	.00043	.00014	.05011
%RSD	.34438	.00855	.08943	.08908	.02938	.19933

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48703	.49070	.49295	.51227	24.854	25.495
SDev	.00113	.00076	.00129	.00047	.01111	.08435
%RSD	.23376	.1567	.26273	.09231	.0447	.33088

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.013	.50408	.49446	25.697	.49789	.49242
SDev	.04283	.00018	.00258	.09655	.00065	.00077
%RSD	.17126	.03687	.52244	.37572	.1324	.15737

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49420	.49361	.49537	.49517	.49903	.49355
SDev	.0013	.00112	.00143	.00589	.00204	.00112
%RSD	.26311	.22798	.28957	1.1898	.41073	.22832

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50066	.48749	.49304	.49140	.49716	.48479
SDev	.00012	.01386	.00008	.00006	.00141	.00018
%RSD	.02507	2.8432	.0168	.01259	.2846	.03907

Elems	*Y
Units	
Avge	2537.4
SDev	2.01532
%RSD	.07942

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 12/12/05 21:05 Filename: C121205
Mode: CONC Type: B Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03676	.00017	.00093	.00035	.00030	.04622
SDev	.00828	.00026	.00092	.00003	.00005	.00771
%RSD	22.543	150.04	99.429	10.696	19.502	16.687

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00032	.00032	.00040	.00083	.03010	.01268
SDev	.00006	.00026	.00006	.00007	.00615	.01645
%RSD	20.548	81.338	16.12	9.0441	20.444	129.77

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04569	.00043	.00235	.00673	.00021	-.00259
SDev	.01009	.00005	.00076	.00002	.00015	.0008
%RSD	22.087	12.386	32.412	.38494	69.929	31.01

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00243	.00075	.00415	.00398	.00567	.00338
SDev	.00036	.00051	.00179	.00123	.00411	.00063
%RSD	15.034	67.519	43.259	30.953	72.438	18.826

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00052	.00380	-.00008	.00095	.00152	.00042
SDev	.00017	.00112	.00011	.00068	.00147	.00023
%RSD	33.558	29.531	140.45	71.578	96.726	56.689

Elems	*Y
Units	
Avge	2535.49
SDev	1.43182
%RSD	.05647

Method: TRACE2 Sample Name: AD570736/PB Operator: SW
Run Time: 12/12/05 21:10 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00829	.00010	.00113	.00018	.00001	.04287
SDev	.00181	.00033	.00012	.00003	.00003	.0023
%RSD	21.834	305.02	10.938	17.443	190.58	5.3719

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00044	-.00062	.00072	.00110	.02457	.04303
SDev	.00014	.00004	.00006	.00036	.00515	.0117
%RSD	31.932	7.0306	8.4794	33.008	20.978	27.201

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01389	.00035	.00102	.02056	-.00244	.00130
SDev	.00278	.00002	.00079	.01342	.00008	.0001
%RSD	20.011	8.5643	78.006	65.306	3.414	8.0178

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00178	.00162	-.00112	-.00061	-.00810	.00236
SDev	.00021	.00017	.00194	.00161	.00299	.00142
%RSD	12.227	11.101	173.49	261.56	37	60.188

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00089	-.00129	-.00050	.00213	H.04732	.00008
SDev	.0002	.00119	.00024	.00045	.00067	.00001
%RSD	23.403	92.445	48.238	21.38	1.4244	19.511

Elems	*Y
Units	
Avge	2474.66
SDev	10.1294
%RSD	.40932

Method: TRACE2 Sample Name: AD570735/CLPSL Operator: SW
Run Time: 12/12/05 21:14 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	62.687	.68666	.83544	1.4277	1.2693	40.262
SDev	.60422	.00069	.0063	.01041	.00959	.30358
%RSD	.96386	.10125	.75442	.72978	.75629	.75401

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0684	.61425	.50864	1.2462	81.782	22.381
SDev	.01471	.00509	.00439	.01044	.67712	.17882
%RSD	.71155	.82956	.86481	.83851	.82796	.79901

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.947	2.6133	.53023	3.7455	.44886	.68000
SDev	.16181	.01962	.00166	.03097	.00328	.00658
%RSD	.85403	.75097	.3142	.82691	.73279	.96773

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.68566	.68378	.73431	.34895	.72178	.74058
SDev	.01335	.0111	.01023	.00076	.00725	.01171
%RSD	1.9484	1.6236	1.3934	.22063	1.0052	1.5825

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.7240	1.4561	.55335	.98770	L1.1097	.58851
SDev	.0171	.00088	.00301	.00728	.01095	.00503
%RSD	.62811	.06094	.54505	.73731	.98733	.85517

Elems	*Y
Units	
Avge	2734.27
SDev	22.486
%RSD	.82237

Method: TRACE2 Sample Name: AD570730 Operator: SW
Run Time: 12/12/05 21:19 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	85.010	.02174	.01146	.49049	.00424	17.836
SDev	.08693	.00352	.00024	.00064	.00012	.06931
%RSD	.10226	16.216	2.1087	.13096	2.9975	.38864

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L-.00360	.04987	.08829	.06195	111.65	6.0366
SDev	.0004	.00009	.0005	.00039	.27611	.0563
%RSD	11.122	.19856	.57228	.64116	.2473	.93278

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.836	2.6142	.00537	1.7984	.06695	.10251
SDev	.03716	.00612	.00052	.08268	.00047	.00044
%RSD	.22073	.23427	9.7762	4.5979	.71604	.43066

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11406	.11021	.00099	.00118	.00015	.00141
SDev	.00107	.00086	.00416	.0008	.00231	.00508
%RSD	.94454	.78537	418.97	68.161	1462.1	360.51

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8338	-.00964	.16562	.39011	.01792	.00063
SDev	.00488	.00206	.00011	.00151	.00144	.00023
%RSD	.26627	21.396	.07091	.38857	8.0362	37.344

Elems	*Y
Units	
Avge	2600.36
SDev	7.15945
%RSD	.27532

Method: TRACE2 Sample Name: AD570731 Operator: SW
Run Time: 12/12/05 21:23 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	109.27	.02644	.02039	.77233	.00430	30.827
SDev	.53704	.00027	.00044	.00167	.00005	.1304
%RSD	.49147	1.0404	2.2009	.21724	1.2725	.423

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L-.00655	.04986	.10846	.08024	142.10	8.9674
SDev	.00026	.00075	.0008	.00044	.6604	.06614
%RSD	4.0525	1.5137	.74004	.5579	.46473	.73757

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.647	1.6054	.00265	1.3020	.09313	.12129
SDev	.15352	.00643	.00089	.03484	.00023	.00162
%RSD	.62289	.40088	33.799	2.6765	.2524	1.3417

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13476	.13027	.00056	.00187	-.00372	.00271
SDev	.00113	.00021	.00091	.00021	.0032	.00298
%RSD	.84173	.1648	161.59	11.305	86.128	109.84

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0152	L-.01651	.19602	.46113	.02313	.00038
SDev	.02044	.00388	.00123	.00155	.00142	.00018
%RSD	1.0145	23.543	.62801	.33633	6.1417	47.69

Elems	*Y
Units	
Avge	2691.41
SDev	15.3264
%RSD	.56945

Method: TRACE2 Sample Name: AD570731/L (1:5) Operator: SW
Run Time: 12/12/05 21:27 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.292	.00626	.00449	.16305	.00080	6.5565
SDev	.04439	.00104	.00069	.00005	0	.01367
%RSD	.19061	16.73	15.44	.03216	.76426	.20857

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00147	.01074	.02311	.01674	30.424	1.7455
SDev	.00005	.00022	.00001	.00025	.00424	.00889
%RSD	4.0554	2.1394	.05993	1.5482	.01395	.50984

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.2982	.34276	.00067	.15865	.01992	.02513
SDev	.00176	.00012	.00043	.01578	.00087	.00018
%RSD	.03322	.03719	64.637	9.947	4.3988	.74934

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03025	.02855	.00073	-.00070	.00026	.00097
SDev	.00037	.00031	.00331	.00076	.00253	.0037
%RSD	1.2533	1.1056	448.66	108.45	956.09	379.67

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43086	-.00399	.04140	.09827	.00621	.00018
SDev	.00709	.00037	.00005	.00057	.00097	.00001
%RSD	1.6471	9.3702	.13368	.58249	15.732	8.0381

Elems	*Y
Units	
Avge	2615.59
SDev	3.55314
%RSD	.13584

Method: TRACE2 Sample Name: AD570731/PS Operator: SW
Run Time: 12/12/05 21:32 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	126.47	.37983	.37774	1.1524	.35113	47.054
SDev	.7124	.00085	.00322	.00598	.00272	.39242
%RSD	.56332	.22421	.85268	.51897	.77673	.83397

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.34069	.40180	.45662	.46628	153.53	30.382
SDev	.00183	.00347	.00354	.00258	1.2186	.07948
%RSD	.53822	.86451	.77723	.55341	.79372	.26161

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	41.537	1.8864	.37093	21.760	.44180	.46784
SDev	.2465	.01377	.00567	.06478	.00438	.00114
%RSD	.59345	.73011	1.5309	.29773	.99245	.24543

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47807	.47466	.34472	.35364	.34709	.34354
SDev	.00897	.0056	.0048	.00547	.00724	.01083
%RSD	1.8773	1.1806	1.3948	1.5474	2.0885	3.1544

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.3334	.34051	.55398	.76818	.38378	.09583
SDev	.01159	.00515	.00468	.00794	.00423	.00114
%RSD	.49707	1.5132	.84525	1.0336	1.1025	1.1914

Elems	*Y
Units	
Avge	2706.56
SDev	17.4479
%RSD	.64465

Method: TRACE2 Sample Name: AD570732/MD Operator: SW
Run Time: 12/12/05 21:36 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	124.12	.02856	.01990	.87506	.00477	26.580
SDev	.09954	.00125	.00074	.00138	.00002	.0167
%RSD	.0802	4.4006	3.7355	.1583	.59857	.06284

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L-.00757	.05180	.12399	.08743	154.70	11.024
SDev	.00007	.00004	.00074	0	.02373	.06687
%RSD	.97364	.09277	.6006	.00676	.01534	.60657

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	28.024	2.5791	.00185	1.4325	.10964	.10415
SDev	.02721	.00112	.00074	.05979	.00035	.00081
%RSD	.09712	.0435	40.473	4.1745	.32688	.78201

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12059	.11512	.00063	.00480	-.00420	.00305
SDev	.00015	.00037	.00091	.00171	.00275	.00001
%RSD	.12548	.32328	143.25	35.6	65.502	.34353

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.3741	L-.01985	.21330	.47972	.02110	.00014
SDev	.02331	.00245	.00022	.00036	.00208	.00008
%RSD	.98212	12.366	.10351	.07662	9.8749	61.828

Elems	*Y
Units	
Avge	2801.29
SDev	7.05345
%RSD	.25179

Method: TRACE2 Sample Name: AD570733/MS Operator: SW
Run Time: 12/12/05 21:41 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	183.96	.09411	.02527	4.8934	.08865	30.333
SDev	.1662	.00123	.00026	.00263	.00005	.02686
%RSD	.09034	1.3103	1.0459	.05384	.05892	.08855

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06998	.90722	.50452	.54872	216.73	15.296
SDev	.00026	.00006	.00024	.00009	.03478	.13315
%RSD	.37958	.0071	.04883	.01713	.01605	.87051

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	37.982	4.6261	.00083	1.9793	.98554	.12851
SDev	.0099	.00062	.00006	.00251	.00073	.00113
%RSD	.02607	.01355	8.1479	.12718	.07487	.88215

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15393	.14547	.07527	.02500	.07644	.07469
SDev	.00034	.00014	.005	.00147	.00634	.00434
%RSD	.2228	.10226	6.6539	5.9156	8.2998	5.8117

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5425	.05816	1.0980	1.4045	.02598	.08470
SDev	.02104	.00851	.0008	.00067	.00029	.00003
%RSD	.82785	14.642	.07341	.04812	1.1495	.03627

Elems	*Y
Units	
Avge	2926.43
SDev	1.06066
%RSD	.03624

Analysis Report Averages 12/13/05 10:06:24 AM page 100

Method: TRACE2 Sample Name: AD570734 Operator: SW
Run Time: 12/12/05 21:45 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	119.00	.03260	.01344	.47260	.00430	21.034
SDev	.033	.00361	.00118	.00124	.00003	.0036
%RSD	.02773	11.077	8.7884	.26281	.72299	.01715

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L-.00680	.04360	.10409	.06971	131.45	6.7654
SDev	.00008	.00029	.00112	.00007	.12871	.0469
%RSD	1.227	.67466	1.0799	.10403	.09792	.69328

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.990	1.3020	.00203	2.1065	.08356	.11424
SDev	.01615	.00104	.00001	.06478	.00073	.00199
%RSD	.07027	.08037	.89487	3.0756	.88486	1.747

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13436	.12766	.00115	.00029	-.00219	.00283
SDev	.00245	.0023	.00051	.00119	.00147	.00003
%RSD	1.8302	1.8054	44.424	409.72	67.033	1.2637

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.1631	L-.01486	.19748	.42449	.01776	.00014
SDev	.03177	.00007	.00088	.00138	.00572	.00017
%RSD	1.4691	.48204	.45049	.32539	32.22	121.38

Elems	*Y
Units	
Avge	2709.08
SDev	6.15179
%RSD	.22708

Method: TRACE2 Sample Name: AD570563/PB Operator: SW
Run Time: 12/12/05 21:49 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03378	.00066	.00035	.00021	-.00015	.01104
SDev	.01123	.00112	.00061	.0001	0	.0028
%RSD	33.263	168.57	171.75	47.839	5.7761	25.395

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00016	.00028	-.00027	.00022	.03691	-.00228
SDev	.0001	.00015	0	0	.00964	.00155
%RSD	64.31	51.754	.16337	1.7224	26.134	67.857

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00539	.00035	.00048	.00088	.00027	-.00305
SDev	.0053	.00018	.00058	.00061	.00038	.00209
%RSD	98.3	51.6	119.13	69.598	137.38	68.609

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00239	.00057	.00155	-.00115	.00807	-.00170
SDev	.00026	.00087	.00089	.00057	.00306	.00018
%RSD	11.066	150.82	57.747	49.541	37.914	10.913

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00144	.00064	-.00001	.00076	-.00052	-.00007
SDev	.00066	.00107	.00046	.00044	.00019	.0001
%RSD	46.135	166.44	2746.3	57.887	36.379	146.08

Elems	*Y
Units	
Avge	2610.75
SDev	4.03047
%RSD	.15437

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 12/12/05 21:55 Filename: C121205
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	26.291	.49277	.49162	.51765	.49553	24.796
SDev	.06994	.00209	.00149	.00173	.00171	.04541
%RSD	.26605	.42556	.30385	.33452	.34557	.18316

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48507	.49326	.49211	.53808	24.924	27.394
SDev	.00089	.00128	.00102	.00138	.08599	.07941
%RSD	.18468	.2614	.20817	.25773	.34503	.28988

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.414	.50578	.50273	27.000	.50050	.49609
SDev	.05344	.00104	.00249	.07974	.00068	.00292
%RSD	.2103	.20658	.497	.29533	.13613	.58979

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49770	.49716	.51229	.51739	.51219	.51235
SDev	.00287	.00289	.00081	.00302	.00147	.00196
%RSD	.5773	.58145	.15909	.58553	.28858	.38286

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51184	.50145	.49992	.47908	.50125	.49403
SDev	.00165	.00584	.00222	.00168	.00282	.00095
%RSD	.32286	1.1661	.44459	.35232	.56443	.19313

Elems	*Y
Units	
Avge	2596.76
SDev	10.3414
%RSD	.39824

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 12/12/05 22:00 Filename: C121205
Mode: CONC Type: B Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02732	.00090	.00084	.00028	.00017	.02831
SDev	.00174	.00029	.0001	.00006	.00005	.00165
%RSD	6.3918	32.446	12.363	24.104	30.653	5.8491

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00001	.00018	.00041	.00055	.02120	.01143
SDev	.00004	.00025	.00008	.00024	.00124	.01239
%RSD	433.13	137.23	20.434	44.484	5.853	108.46

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02537	.00029	.00265	.00215	-.00009	-.00053
SDev	.00022	.00008	.00135	.00078	.00064	.00056
%RSD	.87276	27.472	51.092	36.327	651.4	106.77

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00016	-.00028	.00139	.00120	.00109	.00154
SDev	0	.00019	.00282	.00078	.00489	.00178
%RSD	1.1025	66.493	202.98	65.355	448.52	116.11

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00060	-.00061	.00007	.00078	-.00079	.00007
SDev	.00007	.00149	.00035	0	.00007	.00028
%RSD	12.656	241.55	450.66	.10736	8.9659	402.58

Elems	*Y
Units	
Avge	2558.06
SDev	2.70464
%RSD	.10573

Method: TRACE2 Sample Name: AD570562/FB Operator: SW
Run Time: 12/12/05 22:04 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.7053	.19736	.19357	.20243	.19428	9.5309
SDev	.00707	.00156	0	.00026	.00014	.00001
%RSD	.0729	.79058	.00339	.12928	.07528	.00013

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19408	.19426	.19153	.20271	9.8672	10.497
SDev	.00018	.00022	.00045	.00016	.0284	.02245
%RSD	.09387	.11778	.23922	.08276	.28783	.21393

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.8400	.19447	.19746	10.161	.19670	.19675
SDev	.01317	.00002	.00178	.0024	.00085	.0004
%RSD	.13393	.01304	.90468	.02366	.43272	.20456

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19827	.19777	.20708	.19996	.20709	.20708
SDev	.00123	.00095	.00266	.00152	.00946	.00073
%RSD	.62108	.48309	1.2868	.76447	4.5706	.35522

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20190	.20029	.19608	.19020	.19844	.05067
SDev	0	.00745	.00023	.00122	.00179	.0001
%RSD	.00161	3.7234	.11743	.64454	.90319	.20829

Elems	*Y
Units	
Avge	2575.95
SDev	4.5608
%RSD	.17705

Method: TRACE2 Sample Name: AD570545 Operator: SW
Run Time: 12/12/05 22:08 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00376	.00087	.00034	.00031	-.00010	.01328
SDev	.00091	.00058	.00117	0	0	.00083
%RSD	24.24	67.388	344.26	2.8461	7.963	6.252

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00021	.00012	.00012	.00029	.00818	.01017
SDev	.00005	.00004	.00002	0	.00972	.00376
%RSD	25.259	38.996	17.192	.96243	118.73	36.944

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00282	.00034	.00072	.00190	.00052	-.00095
SDev	.00146	.00005	.00003	.00268	.00042	.00175
%RSD	51.692	15.525	5.2724	141.17	80.384	183.24

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00123	-.00114	.00012	.00275	-.00172	.00105
SDev	.00088	.00117	.00069	.00135	.00215	.00211
%RSD	71.577	102.76	541.21	49.054	124.99	201.12

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00023	.00031	-.00017	.00124	-.00045	-.00020
SDev	.00022	.00072	0	.00022	.00212	.00011
%RSD	94.245	229.36	.05816	17.716	463.39	52.979

Elems	*Y
Units	
Avge	2576.93
SDev	2.96981
%RSD	.11524

Method: TRACE2 Sample Name: AD570546 Operator: SW
Run Time: 12/12/05 22:13 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11877	-.00133	.03754	.02162	.00002	114.51
SDev	.00358	.00091	.00053	.00036	.00004	2.074
%RSD	3.0189	68.449	1.4297	1.6673	152.27	1.8112

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00014	.00031	.00026	.00212	.48869	10.094
SDev	0	.00035	.00018	.0001	.00046	.14252
%RSD	2.7143	112.29	70.408	4.7299	.0952	1.412

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.1083	.25650	.00424	32.830	.00253	-.00086
SDev	.15641	.00467	.00047	.41208	.00001	.00114
%RSD	1.7173	1.8228	11.204	1.2552	.62651	131.7

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00103	-.00097	-.00057	.00107	-.00008	-.00082
SDev	.00013	.00029	.00163	.0007	.00645	.00077
%RSD	13.032	29.776	284.46	65.774	7554.7	94.234

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00032	-.00039	-.00042	.12314	.00065	-.00010
SDev	.00006	.00092	.00012	.00168	.00111	.00009
%RSD	20.862	236.23	28.124	1.366	170.66	88.54

Elems	*Y
Units	
Avge	2519.33
SDev	29.6985
%RSD	1.17882

Method: TRACE2 Sample Name: AD570547 Operator: SW
Run Time: 12/12/05 22:17 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00380	.00093	.03410	.25949	-.00007	51.269
SDev	.00022	.00197	.00009	.00004	0	.02742
%RSD	5.8732	212.08	.28903	.01597	9.1576	.05349

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00029	.00025	.00022	.07134	.02265	.94776
SDev	.00002	.00005	.00016	.00015	.00363	.00797
%RSD	10.078	19.425	73.713	.21291	16.053	.84123

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.527	.00063	.00314	22.821	.00120	-.00190
SDev	.0131	.00005	.00052	.05874	.00032	.00027
%RSD	.11367	8.3332	16.609	.25739	26.943	14.598

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00294	.00133	.00221	.00021	.00569	.00046
SDev	.00045	.0002	.00201	.00077	.0013	.00237
%RSD	15.394	15.774	91.178	367.05	22.957	504.63

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00006	.00123	-.00009	.05056	.00031	-.00008
SDev	.0001	.00206	.00011	.00026	.00018	.00018
%RSD	169.76	167.93	124.91	.51606	57.591	219.4

Elems	*Y
Units	
Avge	2591.59
SDev	1.96215
%RSD	.07571

Method: TRACE2 Sample Name: AD570548 Operator: SW
Run Time: 12/12/05 22:22 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.64258	.00868	.04163	.06627	.00006	112.69
SDev	.00239	.00019	.00005	.00004	0	.12507
%RSD	.37325	2.2383	.13117	.06582	4.536	.11099

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00042	.00027	.00096	.01020	2.0577	31.647
SDev	.00002	.00005	.00017	.0002	.00657	.09744
%RSD	5.1887	19.583	17.863	2.0554	.31945	.30791

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	27.252	.63664	.00018	85.749	.00152	-.00191
SDev	.01359	.00057	.00083	.38211	.00001	.00016
%RSD	.04989	.09047	455.55	.44561	1.2209	8.5825

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00176	.00054	.00323	.00038	.00579	.00194
SDev	.00036	.00019	.00211	.00128	.00104	.00264
%RSD	20.856	35.203	65.297	334.76	18.104	135.47

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02081	.00029	.00121	.04372	.00125	-.00018
SDev	.00097	.00077	.00011	.00018	.00063	.0002
%RSD	4.6923	267.71	9.5671	.4208	50.791	110.89

Elems	*Y
Units	
Avge	2518.54
SDev	2.59847
%RSD	.10317

Method: TRACE2 Sample Name: AD570549 Operator: SW
Run Time: 12/12/05 22:26 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52408	.00386	.02972	.88962	.00017	169.89
SDev	.00025	.00083	.00027	.00036	.00001	.52362
%RSD	.0492	21.591	.92633	.04153	11.342	.3082

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L-.00500	.00084	.00269	.00546	78.422	4.9188
SDev	.0001	.00021	0	.00007	.16794	.01049
%RSD	2.1748	24.827	.32754	1.333	.21415	.21345

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	34.600	.35627	.00051	6.6996	.00145	.02697
SDev	.09239	.00068	.00031	.14627	.0006	.00105
%RSD	.26703	.19359	62.169	2.1834	41.382	3.9154

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03023	.02914	-.00140	.00048	.00013	-.00217
SDev	.00124	.00048	.00255	.00214	.00238	.00263
%RSD	4.1313	1.6516	181.67	445.27	1804.2	121.34

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01185	L-.01087	.00117	.01576	.00226	-.00009
SDev	.00008	.00013	.00012	.00027	.00201	.00011
%RSD	.70802	1.2763	10.779	1.7389	88.682	115.73

Elems	*Y
Units	
Avge	2510.4
SDev	7.53061
%RSD	.29997

Method: TRACE2 Sample Name: AD570550 Operator: SW
Run Time: 12/12/05 22:30 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.63688	.00418	.02869	.89268	.00023	167.49
SDev	.02257	.00016	.00112	.02541	.00005	5.0037
%RSD	3.5453	3.9094	3.9251	2.8474	22.553	2.9875

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L-.00507	.00105	.00299	.00605	78.102	5.1060
SDev	0	.00023	.00011	.00053	2.231	.13084
%RSD	.01755	22.046	3.9417	8.9024	2.8565	2.5626

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	34.168	.34862	.00046	6.6314	.00149	.01466
SDev	1.0095	.00998	.00006	.19653	.00059	.00113
%RSD	2.9546	2.8647	13.084	2.9637	39.741	7.756

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01726	.01639	.00068	.00015	.00113	.00046
SDev	.00153	.00064	.00132	.00075	.00335	.00031
%RSD	8.8671	3.9177	193.01	482.62	294.54	67.602

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01402	-.00896	.00098	.00805	.00321	-.00021
SDev	.00077	.00063	.00026	.00044	.00077	.00004
%RSD	5.4994	7.0634	27.267	5.477	23.918	21.436

Elems	*Y
Units	
Avge	2463.41
SDev	56.2682
%RSD	2.28415

Method: TRACE2 Sample Name: CRI Operator: SW
Run Time: 12/12/05 22:37 Filename: C121205
Mode: CONC Type: B Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21143	.00928	.05044	.00221	.00191	.50517
SDev	.00021	.00183	.00043	0	.00001	.00127
%RSD	.0998	19.814	.86908	.24638	.66035	.25335

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00077	.00425	.00409	.01043	.05778	.50324
SDev	0	.00004	.00003	.00032	.00391	.00027
%RSD	.94319	.98987	.95117	3.071	6.7797	.05529

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20461	.00305	.00956	.70977	.01030	.00144
SDev	.00179	.00004	.00047	.02275	.00038	.00062
%RSD	.8793	1.315	4.9235	3.2066	3.7052	42.911

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00452	.00349	.01735	.01832	.01626	.01790
SDev	.00004	.00017	.00164	.00027	.0019	.00342
%RSD	.92049	5.1114	9.5051	1.5165	11.718	19.144

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00506	.01879	.00467	.02045	.00908	.00291
SDev	.00002	.00088	.00002	.00059	.00103	.00002
%RSD	.44511	4.7246	.44363	2.9061	11.344	.96042

Elems	*Y
Units	
Avge	2545.01
SDev	10.3414
%RSD	.40634

Method: TRACE2 Sample Name: ICSA Operator: SW
Run Time: 12/12/05 22:42 Filename: C121205
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	475.54	.00355	.00761	.01278	.00182	478.54
SDev	.49705	.001	.00138	.00003	.00002	.45318
%RSD	.10452	28.23	18.205	.27409	1.5758	.0947

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00969	.00107	-.01413	.00055	184.38	-.00327
SDev	.00094	.00041	.00007	.00018	.23459	.01303
%RSD	9.7876	38.385	.52721	34.01	.12723	398.13

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	482.62	-.00038	-.00134	.00572	.00063	-.02270
SDev	.00886	0	.00106	.00428	.0002	.00681
%RSD	.00183	.01638	79.031	74.887	32.582	30.017

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01835	.00468	-.01198	.00042	-.00640	-.01478
SDev	.00447	.00071	.00106	.00444	.00847	.00264
%RSD	24.382	15.292	8.8513	1043.8	132.33	17.904

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00072	-.03197	-.00011	-.00172	.00326	.00035
SDev	.00003	.00277	.00012	.00001	.00146	.00019
%RSD	4.1447	8.6721	111.41	.85803	44.889	55.575

Elems	*Y
Units	
Avge	2272.31
SDev	1.11365
%RSD	.049

Method: TRACE2 Sample Name: ICSAB Operator: SW
Run Time: 12/12/05 22:46 Filename: C121205
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	485.26	.09982	.00412	.52712	.47611	486.59
SDev	.35126	.00018	.00031	.00042	.00015	.00211
%RSD	.07238	.18873	7.5831	.08036	.03204	.00043

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.89787	.45304	.45497	.51343	93.169	-.01365
SDev	.00001	.00005	.0002	.00031	.00939	.00311
%RSD	.00168	.01274	.04444	.06071	.01008	22.793

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	486.22	.47041	-.00098	.00821	.93403	.02336
SDev	.27409	0	.00046	.00184	.00077	.00246
%RSD	.05637	.00168	47.222	22.453	.08348	10.561

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06961	.05421	.04291	.60374	.04167	.04353
SDev	.00065	.00038	.00016	.00009	.01077	.00513
%RSD	.94332	.70755	.38896	.01613	25.852	11.798

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00049	.08026	.47265	.92270	.00400	.21322
SDev	0	.00571	.00031	.00092	.00669	.00022
%RSD	1.9713	7.1263	.06616	.1003	167.04	.10779

Elems	*Y
Units	
Avge	2258.93
SDev	1.48499
%RSD	.06573

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 12/12/05 22:52 Filename: C121205
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.468	.46972	.47140	.48156	.48026	24.468
SDev	.00227	.00326	.00104	.00045	.00114	.02155
%RSD	.00928	.69435	.22072	.09485	.23744	.0881

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47362	.47990	.48042	.49940	24.336	25.216
SDev	.00142	.00004	.00137	.0011	.01225	.00774
%RSD	.301	.01027	.28613	.22112	.05033	.03071

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.369	.49290	.48404	25.057	.48639	.48156
SDev	.01673	.00129	.0038	.04069	.00088	.00102
%RSD	.06868	.26283	.78545	.1624	.18141	.21305

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48257	.48224	.47998	.48796	.48023	.47986
SDev	.00084	.00021	.00456	.00521	.00001	.00685
%RSD	.1743	.04549	.95168	1.0679	.00239	1.4291

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48542	.48132	.47595	.48322	.48605	.47554
SDev	.00096	.00574	.00103	.00068	.00256	.00056
%RSD	.19909	1.1928	.21641	.14184	.52763	.11824

Elems	*Y
Units	
Avge	2479.99
SDev	4.71997
%RSD	.19032

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 12/12/05 22:56 Filename: C121205
Mode: CONC Type: B Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03318	.00071	.00068	.00038	.00039	.04537
SDev	.00511	.0005	.00025	.00005	.00005	.0065
%RSD	15.416	70.905	36.498	15.497	13.44	14.332

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00011	.00052	.00036	.00088	.02181	.01302
SDev	.00011	.00058	.00004	.0001	.00372	.00472
%RSD	101.51	112.43	12.348	12.37	17.069	36.23

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04320	.00048	.00246	.00105	.00067	-.00033
SDev	.0077	.00005	.0003	.00107	.00053	.00117
%RSD	17.824	10.886	12.439	102.03	79.746	355.24

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	-.00018	.00173	.00240	-.00134	.00327
SDev	.00086	.00018	.00107	.00046	.00307	.00007
%RSD	759.57	99.94	62.008	19.322	228.27	2.3889

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00049	-.00053	-.00007	.00081	.00277	.00007
SDev	0	.00176	.00012	.00046	.00073	.00009
%RSD	1.5114	326.82	163.34	57.422	26.454	130.76

Elems	*Y
Units	
Avge	2481.23
SDev	7.31862
%RSD	.29496

Method: TRACE2 Sample Name: AD570551 Operator: SW
Run Time: 12/12/05 23:01 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0903	.00493	.01081	.33165	.00012	68.222
SDev	.07119	.00058	.00032	.02186	.00012	4.6105
%RSD	6.5301	11.86	2.9871	6.5928	98.713	6.758

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L-.00165	.00226	.00204	.01152	30.607	4.2816
SDev	.00021	.00018	.0003	.00091	2.0887	.2129
%RSD	12.851	8.112	15.022	7.928	6.824	4.9726

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.387	.38451	.00046	2.4276	.00356	.35076
SDev	.84381	.0257	.00079	.15469	.00045	.01744
%RSD	6.8122	6.6859	171	6.3724	12.666	4.9743

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.35490	.35353	-.00034	-.00083	.00408	-.00256
SDev	.01311	.01455	.00025	.00107	.00068	.00072
%RSD	3.6941	4.117	73.967	129.77	16.763	28.403

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02444	-.00457	.00417	.02061	.00132	-.00012
SDev	.00184	.00085	.00022	.00198	.00288	.00033
%RSD	7.5418	18.667	5.4486	9.6083	218.25	262.24

Elems	*Y
Units	
Avge	2561.06
SDev	130.408
%RSD	5.09195

Method: TRACE2 Sample Name: AD570552 Operator: SW
Run Time: 12/12/05 23:05 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05543	.00336	.01299	.30028	.00013	73.326
SDev	.00024	.00334	.00018	.00034	0	.07849
%RSD	.43776	99.294	1.3922	.11361	3.1601	.10705

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00144	.00029	.00081	.00415	25.708	2.3914
SDev	.00003	.00054	.00011	.00001	.03751	.00507
%RSD	2.6277	182.71	13.625	.25668	.14593	.21241

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.727	.14263	.00055	2.2845	.00140	.02832
SDev	.00563	.00002	.00086	.02131	.00058	.0005
%RSD	.04103	.01953	156.15	.93285	41.782	1.792

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03234	.03100	-.00111	-.00060	-.00139	-.00097
SDev	.00147	.00081	.00183	.00004	.00156	.00197
%RSD	4.5629	2.6296	165.09	8.2087	112.54	202.72

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00105	-.00080	.00000	.00738	.00015	-.00008
SDev	.00006	.00028	.00048	.00022	.00002	.00016
%RSD	6.4157	34.888	11228	3.0422	14.792	189

Elems	*Y
Units	
Avge	2470.8
SDev	3.8183
%RSD	.15453

Method: TRACE2 Sample Name: AD570553 Operator: SW
Run Time: 12/12/05 23:09 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12382	.00021	.01207	.08751	.00009	141.82
SDev	.00042	.00079	.00102	.00018	0	.11602
%RSD	.34703	366.47	8.5016	.21163	1.688	.0818

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00145	.00083	.00041	.00216	25.771	17.715
SDev	.00001	.00005	.00012	0	.02822	.03168
%RSD	.8195	6.2781	31.009	.12973	.10953	.17884

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	26.541	.82484	-.00071	13.889	.00081	-.00183
SDev	.04028	.00124	.00008	.2293	.00022	.00111
%RSD	.15178	.15051	11.617	1.6509	27.517	61.064

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	-.00058	.00079	-.00158	.00321	-.00041
SDev	.00214	.0018	.0014	.00079	.00386	.00017
%RSD	6892.2	306.42	176.67	50.031	120.27	43.699

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00046	-.00136	-.00011	.01193	.00183	.00000
SDev	.00002	.00108	.00011	0	.00088	.00001
%RSD	4.3419	79.381	105.72	.04431	48.159	238.89

Elems	*Y
Units	
Avge	2523.68
SDev	1.48499
%RSD	.05884

Method: TRACE2 Sample Name: AD570554 Operator: SW
Run Time: 12/12/05 23:14 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.39967	.00205	.03932	.74088	.00019	189.77
SDev	.00309	.00022	.00055	.00118	0	.00387
%RSD	.77506	10.975	1.4105	.1598	2.1922	.00204

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L-.00407	.00127	.00264	.00311	78.747	4.1405
SDev	.00004	.00005	.00006	.00007	.06925	.02085
%RSD	1.1534	4.1045	2.4745	2.4512	.08795	.50358

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	35.501	.28007	-.00036	10.322	.00213	.06782
SDev	.03688	.00019	.00062	.1388	.0007	.00267
%RSD	.10388	.06953	169.44	1.3447	32.984	3.951

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07125	.07010	.00144	-.00108	.00634	-.00101
SDev	.0021	.00051	.00084	.00201	.0035	.00048
%RSD	2.9531	.72894	58.675	186.03	55.283	48.041

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01229	-.00723	.00063	.00747	.00389	-.00032
SDev	.00043	.00148	.00011	.00091	.00053	.00001
%RSD	3.5695	20.462	18.722	12.245	13.655	4.9031

Elems	*Y
Units	
Avge	2531.4
SDev	1.27282
%RSD	.05028

Method: TRACE2 Sample Name: AD570555 Operator: SW
Run Time: 12/12/05 23:18 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03906	-.00005	.05217	.87471	.00025	177.72
SDev	.00022	.00081	.0009	.00131	.00001	.36472
%RSD	.568	1419.7	1.7296	.1507	6.3368	.20522

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L-.00544	.00085	.00531	.00104	97.176	4.6008
SDev	.00021	.00021	.00016	.00012	.17396	.01746
%RSD	3.9456	25.396	3.0575	11.575	.17901	.37961

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	36.109	.20995	.00041	11.057	.00107	-.00237
SDev	.03689	.00037	.00014	.10841	.00021	.00148
%RSD	.10218	.18061	34.801	.98054	19.994	62.514

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00222	.00068	-.00161	-.00030	-.00385	-.00049
SDev	.00204	.00086	.00033	.00176	.00244	.00172
%RSD	91.93	125.7	20.789	577.83	63.55	350.62

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00164	L-.01014	.00049	.00080	.00223	.00016
SDev	.00005	.00052	.00036	0	.00155	.00022
%RSD	3.5798	5.1664	74.27	.25533	69.449	136.41

Elems	*Y
Units	
Avge	2472.6
SDev	4.13664
%RSD	.16729

Method: TRACE2 Sample Name: AD570555/L (1:5) Operator: SW
Run Time: 12/12/05 23:23 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00125	.00005	.00951	.17803	.00007	36.372
SDev	.00209	.00301	.00101	.00105	0	.16818
%RSD	166.86	5207	10.692	.5942	2.8728	.46241

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00113	.00000	.00087	.00105	20.270	.83711
SDev	.0001	0	0	.00001	.10518	.0058
%RSD	9.1583	230.17	.71817	1.7994	.51891	.69288

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.3352	.04327	-.00056	1.7459	.00071	-.00093
SDev	.03693	.00022	.00103	.05016	.00007	.00088
%RSD	.50348	.50854	182.78	2.8731	11.102	95.627

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00061	-.00072	.00054	-.00155	.00745	-.00290
SDev	.00367	.00274	.00244	.00065	.00296	.00218
%RSD	593.12	379.93	445.63	42.025	39.758	75.371

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00017	-.00244	-.00023	.00039	.00115	-.00013
SDev	.00001	.00211	.00024	.00046	.00189	.00019
%RSD	9.1437	86.584	102.48	120.05	163.87	148.26

Elems	*Y
Units	
Avge	2470.24
SDev	14.0537
%RSD	.56892

Method: TRACE2 Sample Name: AD570555/PS Operator: SW
Run Time: 12/12/05 23:27 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.4333	.19149	.24131	1.0577	.18792	184.11
SDev	.02432	.0023	.00198	.0012	.00037	.44356
%RSD	.25785	1.2056	.82301	.11355	.19717	.24091

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18032	.19114	.19190	.19916	105.05	15.354
SDev	.00054	.00084	.00094	.00007	.20522	.00062
%RSD	.3035	.44377	.49347	.03657	.19535	.00406

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	45.093	.39321	.19399	21.315	.18969	.19032
SDev	.14215	.00077	.00096	.03367	.00077	.00091
%RSD	.31525	.19676	.49642	.15796	.40709	.48233

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19242	.19172	.19431	.19504	.19118	.19587
SDev	.00088	.00089	.00259	.00223	.00167	.00305
%RSD	.45974	.46721	1.3333	1.1467	.87373	1.5576

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19202	.17732	.18900	.18493	.19981	.04960
SDev	.00022	.00073	.00018	.00053	.00394	.00004
%RSD	.11825	.41599	.09666	.28879	1.9761	.0954

Elems	*Y
Units	
Avge	2462.89
SDev	3.97747
%RSD	.16149

Method: TRACE2 Sample Name: AD570556/MS Operator: SW
Run Time: 12/12/05 23:31 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.1408	.18345	.23922	1.0587	.18075	184.62
SDev	.00101	.00079	.00202	.00024	.00018	.07184
%RSD	.01113	.43397	.84827	.02352	.10443	.03891

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17584	.18194	.18266	.18953	105.25	15.011
SDev	.00056	.00044	.00038	.00018	.02848	.01335
%RSD	.31958	.2428	.20878	.0968	.02706	.08896

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	44.969	.39027	.18399	21.109	.18445	.18366
SDev	.01989	.00005	.00046	.03701	.00003	.00385
%RSD	.04424	.01352	.25375	.17536	.01646	2.0993

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18949	.18755	.18944	.18484	.19274	.18779
SDev	.00029	.00108	.00012	.00034	.00248	.00143
%RSD	.15502	.58011	.06651	.18806	1.2908	.76307

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18699	.17109	.18118	.17995	.18793	.04777
SDev	.00004	.0025	.00026	.00127	.00311	.00032
%RSD	.02368	1.4619	.14568	.7061	1.6556	.67664

Elems	*Y
Units	
Avge	2458.8
SDev	1.37882
%RSD	.05607

Method: TRACE2 Sample Name: AD570557/SD Operator: SW
Run Time: 12/12/05 23:36 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.9072	.18190	.23434	1.0345	.17635	180.08
SDev	.01268	.00022	.00094	.00142	.00017	.12576
%RSD	.14243	.12567	.40386	.13785	.09718	.06983

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17239	.17761	.17821	.18491	103.15	14.701
SDev	.00015	.0002	.00029	.00043	.10099	.03594
%RSD	.09256	.11543	.16817	.23674	.09791	.24453

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	43.984	.38094	.17935	20.709	.18006	.17974
SDev	.03475	.00044	.00117	.00009	.00024	.00074
%RSD	.07902	.11639	.65448	.00048	.13687	.41479

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18490	.18318	.18605	.18440	.19262	.18277
SDev	.00156	.00079	.0035	.00127	.00152	.00449
%RSD	.8465	.43436	1.8851	.69368	.79016	2.462

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18231	.16621	.17644	.17570	.18330	.04645
SDev	.00011	.00295	.00055	.00041	.00128	.00008
%RSD	.06206	1.7756	.3139	.23734	.70174	.18635

Elems	*Y
Units	
Avge	2449.69
SDev	5.88662
%RSD	.2403

Method: TRACE2 Sample Name: AD570558 Operator: SW
Run Time: 12/12/05 23:40 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04230	.00254	.03326	.75476	.00031	186.27
SDev	.0019	.00058	.00077	.00212	.00001	.1929
%RSD	4.5098	22.777	2.3253	.28171	3.8094	.10356

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L-.00391	.00070	.00138	.00141	78.074	2.4222
SDev	0	.00032	.00015	.00036	.03758	.0251
%RSD	.00744	45.789	11.351	25.527	.04814	1.0366

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	38.659	.15746	.00135	8.6992	.00135	.00054
SDev	.08121	.00001	.0001	.13397	.0004	.00022
%RSD	.21007	.00773	7.6947	1.5401	29.784	41.254

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00290	.00211	.00155	.00131	.00743	-.00139
SDev	.00036	.00016	.0028	.00232	.00921	.0004
%RSD	12.616	7.9658	180.61	176.94	123.88	28.997

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00092	-.00718	-.00021	.00143	.00391	-.00023
SDev	.00005	.00235	.00049	.00023	.0031	.00031
%RSD	5.6339	32.753	227.81	16.633	79.249	131.46

Elems	*Y
Units	
Avge	2457.34
SDev	4.5078
%RSD	.18344

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 12/12/05 23:46 Filename: C121205
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.859	.45905	.46326	.47514	.47026	23.800
SDev	.11703	.00284	.0021	.00208	.00318	.15536
%RSD	.49053	.61991	.45371	.43858	.67693	.65279

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46755	.47359	.47099	.49068	23.989	25.113
SDev	.00346	.00399	.00346	.00248	.16262	.04973
%RSD	.74032	.84425	.73531	.5074	.67789	.19804

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.866	.48491	.47678	24.890	.47880	.47484
SDev	.14814	.00335	.00435	.00542	.00371	.00196
%RSD	.62075	.69218	.91398	.02177	.77661	.41401

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47357	.47399	.47836	.47620	.48209	.47650
SDev	.00459	.00372	.00484	.00084	.00654	.00399
%RSD	.97093	.78515	1.0128	.17717	1.3568	.83878

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47457	.46757	.46452	.47348	.48237	.46684
SDev	.00276	.01367	.00306	.00234	.00061	.00162
%RSD	.58303	2.9257	.66003	.49529	.12723	.34866

Elems	*Y
Units	
Avge	2494.88
SDev	8.69744
%RSD	.34861

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 12/12/05 23:50 Filename: C121205
Mode: CONC Type: B Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00060	-.00004	.00025	.00021	.00017	.01748
SDev	.00423	.00197	.00013	.00009	.00007	.00413
%RSD	702.4	3978.8	52.67	41.913	45.534	23.64

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	.00026	.00010	.00112	.01015	.00548
SDev	.00005	.0001	.00015	.00012	.0025	.01286
%RSD	51.65	39.742	143.46	11.101	24.65	234.76

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01069	.00018	.00163	.00163	.00052	-.00253
SDev	.00608	.00008	.00144	.00208	.00042	.00009
%RSD	56.86	43.065	88.557	127.9	81.884	3.8233

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00352	.00150	.00117	.00283	-.00348	.00349
SDev	.00187	.00128	.00136	.0015	.00005	.00207
%RSD	53.127	85.144	116.59	53.007	1.5543	59.268

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	.00378	-.00016	.00000	-.00262	.00006
SDev	.00011	.00002	.00023	.00069	.00001	.00021
%RSD	51.974	.70102	146.61	7258.1	.62634	336.73

Elems	*Y
Units	
Avge	2501.06
SDev	.05299
%RSD	.00211

Method: TRACE2 Sample Name: AD570559 Operator: SW
Run Time: 12/12/05 23:55 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01513	.00158	.03737	.79597	.00030	208.44
SDev	.00316	.00092	.0006	.00055	0	.60293
%RSD	20.925	58.161	1.6061	.06989	.76193	.28926

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L-.00437	.00043	.00096	.00156	80.166	3.0208
SDev	.00005	.00026	.00007	.00013	.18576	.01266
%RSD	1.2698	61.75	7.4533	8.4904	.23172	.41923

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	32.223	.22256	.00000	10.954	.00108	.01333
SDev	.07488	.0006	.00018	.11526	.00004	.00101
%RSD	.23239	.27328	4641.5	1.0522	4.3055	7.6088

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01672	.01559	.00014	.00167	.00222	-.00089
SDev	.00064	.00009	.00029	.00175	.0044	.00264
%RSD	3.8665	.59854	198.01	104.28	197.81	296.92

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00065	-.00747	.00000	.00302	-.00118	.00009
SDev	.0001	.00243	.00037	.00047	.00087	.00023
%RSD	15.921	32.602	5139.8	15.774	73.543	231.36

Elems	*Y
Units	
Avge	2448.45
SDev	11.8794
%RSD	.48518

Method: TRACE2 Sample Name: AD570560 Operator: SW
Run Time: 12/12/05 23:59 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08172	.00295	.03275	.75457	.00025	178.12
SDev	.00089	.00093	.00012	.0019	0	.22032
%RSD	1.0938	31.669	.39688	.25232	.75828	.12369

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L-.00423	.00123	.00169	.00131	76.050	4.0272
SDev	.00014	.0001	.00013	.00018	.09513	.01862
%RSD	3.4358	8.8493	7.9276	13.783	.12509	.46256

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	33.877	.34029	-.00006	7.6798	.00139	-.00202
SDev	.10107	.00042	.00075	.06722	.00024	.00151
%RSD	.29837	.12523	1160.5	.87534	17.873	74.822

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00217	.00077	.00304	.00043	.00721	.00095
SDev	.0002	.00036	.00184	.00133	.00501	.00026
%RSD	9.3145	47.229	60.758	309.05	69.55	27.543

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00302	-.00765	.00071	.00066	.00067	.00004
SDev	.00007	.00228	0	.00023	.00029	.00041
%RSD	2.6326	29.874	.04122	35.409	43.688	981.93

Elems	*Y
Units	
Avge	2432.36
SDev	1.64398
%RSD	.06758

Method: TRACE2 Sample Name: AD570561 Operator: SW
Run Time: 12/13/05 00:04 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	51.334	.01992	.06894	.36326	.00225	142.20
SDev	.0483	.00296	.00012	.00004	0	.22966
%RSD	.09409	14.874	.18104	.01177	.36197	.16151

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L-.00434	.02716	.05859	.06761	67.833	12.664
SDev	.00002	.00003	.00006	.0001	.15582	.00544
%RSD	.57074	.12416	.11739	.15089	.22972	.04296

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	39.337	1.2342	.00476	31.906	.06128	.01771
SDev	.00643	.00133	.00016	.05939	.00017	.00345
%RSD	.01636	.10794	3.5494	.18616	.28147	19.512

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03188	.02716	-.00097	.00125	.00114	-.00203
SDev	.00076	.00064	.00184	.00057	.00328	.00112
%RSD	2.392	2.3638	190.09	46.055	287.74	55.609

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1811	-.00544	.07867	.15213	.00329	-.00007
SDev	.00424	.0015	.00058	.00001	.00191	.00043
%RSD	.35982	27.74	.73958	.01264	58.21	580.93

Elems	*Y
Units	
Avge	2540.21
SDev	7.26545
%RSD	.28601

Method: TRACE2 Sample Name: AD570583/PB Operator: SW
Run Time: 12/13/05 00:08 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01751	.00330	.00033	.00031	.00001	.09847
SDev	.00715	.00041	.00038	.00001	.00001	.01815
%RSD	40.868	12.664	115.25	4.6112	143.18	18.441

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00016	.00018	.00016	.00133	.04848	-.00382
SDev	.00007	0	.00023	.00015	.01396	.01616
%RSD	47.185	2.5374	141.71	11.907	28.804	422.07

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02107	.00065	.00004	.00506	.00033	-.00274
SDev	.00466	.00013	.00005	.0006	.00039	.00029
%RSD	22.131	21.205	147.03	11.996	120.14	10.638

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00048	-.00059	-.00037	-.00242	.00080	-.00097
SDev	.00257	.00181	.0009	.00276	.00297	.00284
%RSD	528.21	307.64	237.91	113.66	371.03	292.86

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00069	.00019	-.00033	.00081	.00240	-.00043
SDev	.00026	.00271	0	0	.00048	.00006
%RSD	37.551	1384.5	.02066	.42068	20.254	15.306

Elems	*Y
Units	
Avge	2486.96
SDev	6.62912
%RSD	.26655

Method: TRACE2 Sample Name: AD570582/FB Operator: SW
Run Time: 12/13/05 00:12 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.1633	.18374	.19053	.19328	.18650	9.2285
SDev	.02729	.0002	.0005	.00085	.00077	.03939
%RSD	.29784	.11027	.26355	.44197	.41631	.42691

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19104	.18859	.18504	.18858	9.6920	10.036
SDev	.00054	.00061	.00001	.00069	.03155	.02391
%RSD	.28284	.32703	.00663	.36858	.32557	.23827

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.3352	.18919	.19021	9.7807	.19203	.19002
SDev	.04803	.00035	.00013	.01692	.00126	.00316
%RSD	.5146	.18517	.06953	.17307	.65677	1.6642

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19352	.19236	.19208	.18748	.19262	.19181
SDev	.00091	.00044	.00093	.00161	.00142	.00068
%RSD	.47042	.23177	.48431	.86332	.74102	.3554

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18824	.18415	.18368	.19166	.18748	.04791
SDev	.00087	.00639	.00064	.00126	.00318	.0005
%RSD	.46461	3.4732	.35173	.65928	1.6964	1.0641

Elems	*Y
Units	
Avge	2481.94
SDev	10.3414
%RSD	.41666

Method: TRACE2 Sample Name: AD570564 Operator: SW
Run Time: 12/13/05 00:17 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22489	.03757	.06652	2.1756	.00096	H1350.6
SDev	.00181	.00022	.00057	.00047	0	5.1834
%RSD	.80895	.60693	.8687	.02176	.193	.38378

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	.00925	.02061	.00359	.29891	70.762
SDev	.0002	.00018	.00044	.00007	.00259	.03821
%RSD	403.54	1.9568	2.1346	2.1852	.86649	.05399

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15575	.01693	.06650	382.74	.02430	-.00346
SDev	.00095	.00011	.0006	.301	0	.00111
%RSD	.61174	.65027	.91438	.07864	.041	32.135

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	-.00106	.01156	-.00120	.01247	.01110
SDev	.00197	.00168	.00109	.00027	.00312	.0032
%RSD	1577.7	158.03	9.4814	22.586	25.035	28.858

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00530	-.00114	.00054	.02504	.00176	-.00036
SDev	.0005	.00133	.00066	.00023	.00202	.00021
%RSD	9.4724	116.68	120.75	.95282	114.7	58.404

Elems	*Y
Units	
Avge	2274.75
SDev	1.27282
%RSD	.05595

Method: TRACE2 Sample Name: AD570565 Operator: SW
Run Time: 12/13/05 00:21 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08335	.02315	.07471	1.6949	.00098	H1538.3
SDev	.00039	.00244	.00014	.00169	0	5.4423
%RSD	.47468	10.574	.18942	.10028	.40547	.35379

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00017	.00859	.37561	.00698	.36341	69.458
SDev	.0001	.00024	.0003	0	.00576	.0396
%RSD	61.309	2.8022	.08249	.07969	1.5861	.05701

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.32103	.01112	.10640	350.19	.01564	-.00237
SDev	.00105	.00005	.0006	.97594	.00023	.00053
%RSD	.3279	.47693	.56572	.27868	1.478	22.381

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00316	.00132	.01034	.00101	.01383	.00860
SDev	.00092	.00044	.00105	.00148	.00489	.00086
%RSD	29.346	33.519	10.215	146.35	35.407	10.036

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00088	.00248	.00000	.04619	.00301	-.00025
SDev	.00008	.00008	.00013	.00028	.0019	.00016
%RSD	9.129	3.4387	1623.1	.61506	63.123	63.58

Elems	*Y
Units	
Avge	2260.69
SDev	1.43199
%RSD	.06334

Method: TRACE2 Sample Name: AD570566 Operator: SW
Run Time: 12/13/05 00:26 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36533	.02949	.18976	.96515	.00074	H1014.2
SDev	.00101	.00141	.00073	.00304	.00002	2.2632
%RSD	.27891	4.7843	.38829	.31564	2.9388	.22314

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	.00528	.05403	.00366	.25561	76.323
SDev	.00008	.00018	.00072	.00036	.00346	.10051
%RSD	222.29	3.4918	1.3359	10.08	1.3553	.13169

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.61183	.01446	.12818	H459.16	.02461	-.00201
SDev	.00654	.00007	.00108	.26166	.00035	0
%RSD	1.0703	.52625	.84928	.05698	1.4416	.12818

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	-.00054	.00695	-.00140	.01352	.00367
SDev	.00142	.00094	.0006	.00011	.00246	.00033
%RSD	735.65	174.73	8.6512	8.0752	18.239	9.0111

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00823	.00061	.00075	.00969	.00235	.00001
SDev	.00027	.00561	.00065	.00047	.00227	.00024
%RSD	3.3154	911.58	86.798	4.8751	97.001	2106.1

Elems	*Y
Units	
Avge	2296.76
SDev	6.62912
%RSD	.28862

Method: TRACE2 Sample Name: AD570567 Operator: SW
Run Time: 12/13/05 00:30 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09670	.00309	.04386	.11655	.00023	110.60
SDev	.00305	.00051	.00021	.0004	0	.4461
%RSD	3.16	16.625	.49289	.35068	2.6994	.40335

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00032	.00055	.01707	.00375	.37668	24.933
SDev	.00008	.00017	.00003	.00012	.00555	.0364
%RSD	24.487	31.237	.17681	3.4547	1.4736	.146

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	33.334	.02967	.04959	187.10	.01426	-.00118
SDev	.0921	.00004	.00019	.01811	.00062	.00226
%RSD	.27631	.15225	.3907	.00968	4.4125	191.32

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00238	.00119	.00273	.00107	.01034	-.00106
SDev	.00165	.00185	.00189	.00261	.00284	.00426
%RSD	69.432	155.48	69.23	243.1	27.519	400.66

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00280	-.00050	.00119	.04190	-.00054	-.00009
SDev	.00038	.00158	.00036	.00018	.00005	.00035
%RSD	13.641	313.54	30.912	.43799	9.3752	359.86

Elems	*Y
Units	
Avge	2398.84
SDev	10.4474
%RSD	.43552

Method: TRACE2 Sample Name: AD570568 Operator: SW
Run Time: 12/13/05 00:35 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.88880	.00640	.48525	.53361	.00042	443.60
SDev	.00201	.00052	.00111	.00033	0	.52743
%RSD	.22619	8.1828	.2291	.06264	1.3438	.11889

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	.00098	.01621	.00342	.27662	194.30
SDev	.00003	.00017	.00011	.00002	.0013	.10041
%RSD	133.14	17.334	.71816	.77386	.47102	.05168

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25196	.00686	.18730	H661.78	.02001	-.00431
SDev	.00683	.00005	.00113	1.367	.00059	.00041
%RSD	2.7145	.83339	.60412	.20656	2.986	9.5229

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00027	-.00162	.00265	-.00085	.00683	.00056
SDev	.00054	.00022	.00129	.00121	.00273	.00057
%RSD	198.93	14.154	48.784	142.91	40.006	102.32

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00436	.00008	.00165	.00929	-.00073	-.00007
SDev	.00005	.00354	.00012	.00024	.0011	.00005
%RSD	1.2819	4115.2	7.6787	2.6244	151.29	68.26

Elems	*Y
Units	
Avge	2354.4
SDev	.21216
%RSD	.00901

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 12/13/05 00:40 Filename: C121205
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.614	.45506	.47205	.46954	.46667	23.629
SDev	.03079	.00087	.00066	.00047	.00159	.0389
%RSD	.13041	.19176	.14	.10165	.34184	.16464

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47522	.47459	.46939	.48886	24.270	25.493
SDev	.00162	.00253	.00251	.00102	.08938	.03202
%RSD	.34154	.53323	.5365	.20967	.36828	.12563

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.776	.48651	.47708	25.070	.48410	.47149
SDev	.09406	.00187	.00611	.16718	.00068	.00315
%RSD	.39564	.38596	1.2819	.66685	.14215	.67006

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47458	.47355	.47681	.47446	.47853	.47596
SDev	.00209	.00244	.0035	.00597	.00149	.00451
%RSD	.4409	.51688	.73569	1.2598	.31171	.94882

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46529	.45928	.45677	.48023	.48235	.46168
SDev	.00093	.00837	.00214	.0029	.00416	.0012
%RSD	.20107	1.824	.4706	.60577	.86324	.2601

Elems	*Y
Units	
Avge	2468.36
SDev	8.96261
%RSD	.36309

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 12/13/05 00:45 Filename: C121205
Mode: CONC Type: B Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00452	.00257	.00078	.00030	.00030	.05441
SDev	.00074	.00069	.0005	.00002	.00005	.0099
%RSD	16.577	26.78	64.446	6.812	17.187	18.206

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	.00032	.00034	.00254	.01473	.01279
SDev	0	.00032	.00052	.00021	.00887	.00867
%RSD	.51619	97.786	153.71	8.5277	60.23	67.782

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01389	.00027	.00220	.00890	.00003	-.00247
SDev	.0038	.00002	.00043	.01255	.00031	.00206
%RSD	27.359	9.7434	19.894	141.06	1051.7	83.439

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00121	-.00163	.00014	-.00047	-.00134	.00089
SDev	.00187	.00193	.00102	.00181	.00054	.00126
%RSD	153.83	118.35	707.74	385.88	40.145	141.61

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00027	.00170	-.00007	.00032	-.00013	.00038
SDev	.00001	.00695	.00036	.00023	.00026	.00004
%RSD	5.016	408.09	498.15	72.689	194.08	12.872

Elems	*Y
Units	
Avge	2473.24
SDev	4.6138
%RSD	.18654

Method: TRACE2 Sample Name: AD570569 Operator: SW
Run Time: 12/13/05 00:49 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.80607	.00326	.02816	.59437	.00026	209.05
SDev	.00271	.00003	.00032	.00002	.00002	.14118
%RSD	.33623	1.1699	1.1413	.00459	8.0636	.06753

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00004	.00059	.00690	.00376	.16110	56.046
SDev	.00004	.00005	.00011	.00008	.00466	.09942
%RSD	86.887	8.6019	1.648	2.1958	2.895	.17739

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07671	.00516	.06682	225.32	.01499	-.00137
SDev	.00247	.00006	.00147	.45135	.00009	.00058
%RSD	3.2294	1.2913	2.2017	.20031	.63878	42.107

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00237	.00112	.00277	.00321	.00850	-.00008
SDev	.00279	.00205	.00102	.0025	.00086	.0011
%RSD	117.69	182.86	36.933	77.699	10.154	1291.4

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00208	.00171	.00084	.01806	.00201	.00000
SDev	.00055	.00239	.00037	.00006	.00074	.00015
%RSD	26.715	139.67	44.602	.33815	36.929	4050.1

Elems	*Y
Units	
Avge	2408.85
SDev	8.06094
%RSD	.33463

Method: TRACE2 Sample Name: AD570570 Operator: SW
Run Time: 12/13/05 00:54 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.29170	.00542	.02682	.56314	.00029	284.35
SDev	.00145	.0027	.00076	.00079	0	.18139
%RSD	.49712	49.797	2.848	.1413	1.2343	.06379

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	.00197	.08739	.00945	1.2189	44.251
SDev	.00012	.00011	.0004	.00003	.01424	.06341
%RSD	189.09	5.5928	.46823	.41014	1.1688	.14329

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.29878	.01995	.09506	174.26	.08462	.00235
SDev	.00195	.00003	.00046	.37214	.00025	.00151
%RSD	.65476	.19388	.49305	.21356	.29646	64.388

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00437	.00370	.00155	.00628	.00430	.00018
SDev	.00045	.0002	.00001	.00128	.00228	.00111
%RSD	10.327	5.4735	.97366	20.408	53.04	619.37

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00614	.00124	.00182	.37904	.00022	-.00005
SDev	.00011	.00158	0	.00234	.00252	.00052
%RSD	1.907	127.21	.42673	.61906	1135.2	1001.4

Elems	*Y
Units	
Avge	2394.83
SDev	7.95495
%RSD	.33217

Method: TRACE2 Sample Name: AD570571 Operator: SW
Run Time: 12/13/05 00:58 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07457	.04948	.03405	.71222	.00060	685.20
SDev	.00021	.00121	.00049	.00064	.00002	1.5646
%RSD	.29018	2.4586	1.4521	.09083	4.1658	.22833

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00000	.01530	.01513	.10285	.33670	121.23
SDev	.00005	.00008	.0001	.00055	.00071	.1239
%RSD	1067.9	.56766	.68558	.54378	.21367	.1022

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13888	.00434	.17049	H841.66	.04653	.05676
SDev	.00382	.00003	.00219	1.0325	.0006	.00052
%RSD	2.7535	.91078	1.2851	.12267	1.3037	.93063

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06077	.05943	.00530	-.00246	.01265	.00162
SDev	.00273	.00164	.0033	.00353	.00594	.00198
%RSD	4.4973	2.771	62.284	143.56	46.936	122

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00063	-.00117	.00021	3.2283	.00271	-.00020
SDev	.00007	.00074	.00013	.00786	.00209	.00008
%RSD	12.176	63.868	60.52	.24347	77.248	44.087

Elems	*Y
Units	
Avge	2295.56
SDev	4.93196
%RSD	.21484

Method: TRACE2 Sample Name: AD570572 Operator: SW
Run Time: 12/13/05 01:02 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03538	.00578	.09198	2.9184	.00118	C1195.2
SDev	.00255	.00313	.00083	.00232	.00002	1690.3
%RSD	7.2123	54.307	.90907	.07963	2.0224	141.42

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00024	.00063	.00021	.00380	.06056	72.292
SDev	.00003	.00017	.0006	.00001	.0055	.14604
%RSD	12.784	27.969	282.61	.51087	9.0861	.20202

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02941	.00187	.06877	175.98	.00698	-.00450
SDev	.00206	.00002	.00009	.4235	.00016	.00083
%RSD	7.0356	1.4655	.13286	.24064	2.4023	18.554

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00136	-.00058	.00128	-.00185	.00447	-.00030
SDev	.00066	.00016	.00251	.00166	.00852	.00049
%RSD	48.443	27.937	195.26	89.864	190.72	161.83

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00040	-.00075	-.00009	.01508	-.00008	-.00030
SDev	0	.00174	.00026	.00053	.00013	.00012
%RSD	1.8515	230.63	286.04	3.5486	154.33	41.409

Elems	*Y
Units	
Avge	2240.33
SDev	3.07581
%RSD	.13729

Method: TRACE2 Sample Name: AD570573 Operator: SW
Run Time: 12/13/05 01:07 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07459	.02859	.08989	2.2382	.00092	H1321.1
SDev	.00005	.00308	.00051	.00262	0	5.292
%RSD	.06835	10.798	.5772	.11737	.4961	.40057

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00019	.01064	.00115	.00549	5.0800	61.919
SDev	.0001	.00016	.00026	.0002	.00261	.07059
%RSD	51.021	1.5308	22.67	3.6555	.05147	.114

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08224	.08721	.12736	355.57	.01207	-.00230
SDev	.00324	.00011	.00125	.5694	.00007	.00092
%RSD	3.9469	.13294	.98317	.16014	.65926	39.924

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00314	.00132	.01125	.00027	.01782	.00797
SDev	.00133	.00058	.00011	.00065	.00203	.00118
%RSD	42.281	43.644	1.0149	238.72	11.411	14.909

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00146	-.00072	.00010	1.8308	.00471	-.00020
SDev	.00003	.00488	.00013	.00495	.00028	.00023
%RSD	2.1747	669.39	129.85	.27042	5.9833	114.53

Elems	*Y
Units	
Avge	2280.49
SDev	3.02281
%RSD	.13255

Method: TRACE2 Sample Name: AD570574 Operator: SW
Run Time: 12/13/05 01:11 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00561	.00133	1.3343	.06718	.00011	17.700
SDev	.00006	.00135	.0011	.00045	0	.2069
%RSD	1.0711	101.08	.08265	.67102	.71357	1.1689

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00018	.00023	.00100	.00310	.08181	52.160
SDev	.00013	.00032	.00021	.00001	.00659	.0497
%RSD	72.066	138.97	21.697	.42578	8.0589	.09529

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	29.539	.00311	.04592	176.57	.00500	-.00095
SDev	.0097	.00003	.00026	.09458	.00107	.00026
%RSD	.03284	1.1615	.58713	.05356	21.491	27.814

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00151	.00069	.00258	-.00172	.00729	.00022
SDev	.00024	.00025	.00059	.00035	.00466	.00144
%RSD	16.478	36.862	22.927	20.819	63.891	652.47

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00036	-.00059	.00029	.32436	.00117	-.00012
SDev	.00002	.00215	.00012	.00033	.00442	.00024
%RSD	6.7843	363.75	41.802	.10233	375.45	203.22

Elems	*Y
Units	
Avge	2445.98
SDev	6.04562
%RSD	.24716

Method: TRACE2 Sample Name: AD570575 Operator: SW
Run Time: 12/13/05 01:16 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03364	.00591	.71680	.04885	.00012	16.373
SDev	.00067	.00031	.00097	.00006	0	.03265
%RSD	2.0147	5.2665	.13644	.1248	5.8975	.19943

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00024	.00073	.00650	.00289	.09072	39.999
SDev	.00009	.00038	.00013	.00002	.01409	.03571
%RSD	38.792	51.713	2.0922	.94712	15.539	.08928

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	36.355	.00424	.05189	123.10	.00527	-.00360
SDev	.03432	.00002	.00127	.16898	0	.00105
%RSD	.09443	.59928	2.449	.13726	.02034	29.311

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00088	-.00061	-.00025	-.00200	.00071	-.00073
SDev	.00191	.00162	.0007	.0001	.00218	.00004
%RSD	217.1	266.01	277.64	5.1228	307.16	5.6829

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00076	-.00005	.00160	.00829	.00128	.00000
SDev	.00003	0	0	.00023	.00063	.00018
%RSD	4.6119	1.0173	.08594	2.8906	49.287	3622

Elems	*Y
Units	
Avge	2449.2
SDev	1.27282
%RSD	.05196

Method: TRACE2 Sample Name: AD570576 Operator: SW
Run Time: 12/13/05 01:20 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00346	.00173	.04774	.03270	.00037	248.48
SDev	.00033	.00076	.00107	.00007	.00001	.22949
%RSD	9.7236	44.228	2.2597	.21586	3.0972	.09235

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00010	.00009	-.00001	.00343	2.2215	4.5724
SDev	.00003	0	.00052	.00005	.0097	.02994
%RSD	31.48	.59494	3257.6	1.5087	.43697	.65483

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	109.21	.10170	.00139	H443.88	.00110	-.00490
SDev	.05061	.00004	.00031	1.0448	.00008	.00109
%RSD	.04634	.04654	22.282	.23537	7.5419	22.435

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00131	-.00075	.00059	-.00145	.00645	-.00234
SDev	.00036	.00012	.00009	.00052	.00284	.00156
%RSD	28.011	15.991	15.913	36.135	44.081	66.825

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00029	.00122	-.00036	.00182	.00142	.00000
SDev	.00004	.00033	.00025	.00024	.00122	.00034
%RSD	13.553	27.055	69.252	13.316	85.901	3576

Elems	*Y
Units	
Avge	2352.68
SDev	.42433
%RSD	.01803

Method: TRACE2 Sample Name: AD570577 Operator: SW
Run Time: 12/13/05 01:24 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02297	.00836	.72546	.46442	.00055	645.70
SDev	.00145	.00135	.00137	.00024	.00001	2.4092
%RSD	6.3477	16.21	.18891	.05342	1.8382	.37311

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00016	.00134	.00046	.00307	.13843	94.446
SDev	0	.00022	.0003	.00008	.00018	.04124
%RSD	1.7094	17.105	65.482	2.8382	.13322	.04366

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06031	.00049	.11594	374.69	.02018	-.00349
SDev	.01524	0	.00088	.05994	.00023	.00145
%RSD	25.282	.20728	.76172	.01599	1.1766	41.494

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00176	-.00233	.00283	.00117	.00868	-.00008
SDev	.00177	.0007	.0013	.00181	.00198	.00096
%RSD	100.91	29.993	46.038	154.37	22.858	1162.7

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00026	-.00143	.00055	.00243	.00286	-.00029
SDev	.00004	.00078	.00038	.00025	.00064	.00015
%RSD	18.539	54.735	70.369	10.314	22.396	52.8

Elems	*Y
Units	
Avge	2323.2
SDev	3.18198
%RSD	.13696

Method: TRACE2 Sample Name: AD570578 Operator: SW
Run Time: 12/13/05 01:29 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.30020	.00484	.05798	1.0879	.00035	163.60
SDev	.00693	.00155	.00178	.01618	.00001	2.5957
%RSD	2.3097	32.12	3.0722	1.4877	4.9473	1.5866

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L-.00169	.00082	.00198	.00356	38.179	5.8065
SDev	.00021	.00026	.0001	.00008	.54442	.11062
%RSD	12.404	32.762	5.0597	2.3109	1.426	1.9051

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	47.274	.30604	.00015	14.858	.00120	-.00142
SDev	.67467	.00451	.00049	.24415	.00033	.00155
%RSD	1.4271	1.4744	324.15	1.6432	27.89	109.51

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00084	.00009	-.00120	-.00145	-.00337	-.00011
SDev	.00051	.00085	.0014	.0027	.00396	.00408
%RSD	60.159	933.57	116.71	185.88	117.26	3539.8

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01097	-.00419	.00068	.00185	.00005	.00010
SDev	.00065	.00072	.00027	.00002	.00015	.0002
%RSD	6.0042	17.36	39.478	1.5615	314.28	192.95

Elems	*Y
Units	
Avge	2357.77
SDev	33.623
%RSD	1.42604

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 12/13/05 01:35 Filename: C121205
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.336	Q.44883	.47135	.46641	.46379	23.300
SDev	.01198	.00043	.00002	.00031	.00016	.0284
%RSD	.05136	.09759	.005	.06837	.03559	.1219

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47712	.47305	.46705	.48511	24.191	25.572
SDev	.0004	.00035	.00024	.00054	.01406	.01762
%RSD	.08471	.07407	.0514	.11217	.05813	.06892

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.531	.48493	.47587	24.614	.48567	.47108
SDev	.00938	.00062	.00299	.01321	.00069	.00081
%RSD	.03988	.12797	.62894	.05369	.14328	.17384

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47156	.47140	.47205	.46760	.47819	.46899
SDev	.00105	.00097	.00235	.00068	.00148	.00427
%RSD	.2245	.20765	.4988	.1456	.3111	.9117

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45966	Q.44824	.45063	.48015	.48513	.45727
SDev	.00003	.00854	.00093	.00062	.00103	.00019
%RSD	.00742	1.9056	.20656	.13065	.21436	.04228

Elems	*Y
Units	
Avge	2453.44
SDev	4.40163
%RSD	.1794

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 12/13/05 01:39 Filename: C121205
Mode: CONC Type: B Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00945	.00091	-.00003	.00014	.00024	.04668
SDev	.00046	.00089	.00031	.00003	.00002	.00117
%RSD	4.9532	98.083	863.04	23.248	8.7363	2.5085

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00013	.00024	.00032	.00303	.01514	.00662
SDev	.00009	.00006	.00004	.00021	.00383	.01102
%RSD	72.684	26.028	14.698	6.9401	25.317	166.51

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00661	.00014	.00236	.02978	.00015	-.00176
SDev	.00226	.00005	.00067	.03291	.00025	.00299
%RSD	34.196	39.69	28.592	110.54	168.09	169.54

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	-.00055	.00097	-.00126	.00523	-.00115
SDev	.00033	.00077	.00221	.00087	.00515	.00075
%RSD	625.2	140.28	227.6	69.342	98.598	65.171

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00018	.00448	-.00014	.00000	-.00010	.00021
SDev	.00012	.00147	.00049	.00024	.00202	.00025
%RSD	66.993	32.782	332.81	12633	1955.4	120.24

Elems	*Y
Units	
Avge	2397.53
SDev	13.2583
%RSD	.55299

Method: TRACE2 Sample Name: AD570578/L (1:5) Operator: SW
Run Time: 12/13/05 01:43 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04393	.00126	.01152	.20800	.00012	31.506
SDev	.00149	.00455	.00047	.00029	0	.01638
%RSD	3.4087	360.23	4.1507	.14278	3.9239	.052

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00032	.00006	.00019	.00286	7.4916	.99991
SDev	.0001	.0001	.00017	.00004	.00098	.00732
%RSD	33.034	163.67	88.713	1.7006	.01317	.73301

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.9948	.05989	-.00026	2.3803	.00035	-.00226
SDev	.01254	.00003	.00063	.04666	.00029	.00154
%RSD	.13943	.06214	242.48	1.9606	81.665	68.218

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	-.00077	.00041	-.00207	.00212	-.00043
SDev	.00067	.00006	.0021	.00187	.00401	.00115
%RSD	1821.3	8.0558	503	90.33	188.89	265.6

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00251	-.00043	-.00014	.00000	-.00183	-.00024
SDev	.00001	.00094	.00024	.00023	.00021	.00009
%RSD	.43834	216.59	172.84	2838.9	11.572	39.541

Elems	*Y
Units	
Avge	2459.55
SDev	.74249
%RSD	.03018

Method: TRACE2 Sample Name: AD570578/PS Operator: SW
Run Time: 12/13/05 01:48 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.5534	.19055	.25032	1.2194	.18603	163.76
SDev	.02827	.00078	.00009	.00028	.00008	.16812
%RSD	.29598	.41027	.03976	.02354	.04305	.10266

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19054	.19306	.18855	.19744	45.949	16.667
SDev	.0001	.00043	.00016	.00055	.01401	.0272
%RSD	.05343	.22491	.08546	.27883	.0305	.16322

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	54.288	.47790	.19528	24.290	.19486	.18726
SDev	.05693	.00011	.00336	.0679	.00003	.00099
%RSD	.10486	.02493	1.7219	.27954	.01837	.53198

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19468	.19221	.19345	.19266	.19741	.19147
SDev	.00153	.00135	.00193	.00232	.00411	.00084
%RSD	.78972	.7061	.99923	1.2075	2.0822	.44092

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19831	.17860	.18347	.19023	.20158	.04903
SDev	.00114	.00331	.00039	.00063	.00127	.00029
%RSD	.57599	1.8581	.2168	.3321	.63005	.59458

Elems	*Y
Units	
Avge	2413.69
SDev	1.96232
%RSD	.08129

Method: TRACE2 Sample Name: AD570579/MS Operator: SW
Run Time: 12/13/05 01:52 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.2431	.18188	.25066	1.2790	.17950	172.17
SDev	.02568	.00348	.00036	.00478	.00042	.36531
%RSD	.27788	1.9173	.14687	.37376	.23894	.21218

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18572	.18281	.18038	.18790	48.999	16.559
SDev	.00043	.00047	.00066	.00033	.09657	.06928
%RSD	.23545	.25767	.37091	.17736	.1971	.41841

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	56.476	.48996	.18638	24.742	.18909	.18454
SDev	.10987	.00105	.00212	.02891	.00003	.0006
%RSD	.19454	.21588	1.1397	.11685	.01634	.32846

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18734	.18641	.19106	.18482	.19457	.18930
SDev	.0025	.00187	.00063	.00084	.00276	.00042
%RSD	1.3386	1.0056	.33282	.45658	1.4216	.22672

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19038	.16838	.17633	.18542	.18883	.04718
SDev	.00025	.00774	.00009	.0005	.00215	.00024
%RSD	.13491	4.5984	.0536	.27138	1.141	.51534

Elems	*Y
Units	
Avge	2403.41
SDev	.37116
%RSD	.01544

Method: TRACE2 Sample Name: AD570580/SD Operator: SW
Run Time: 12/13/05 01:57 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.2025	.18500	.24668	1.2663	.17794	169.84
SDev	.00168	.00041	.00132	.00107	.00061	.56768
%RSD	.01834	.22534	.53681	.08525	.34749	.33423

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18456	.18211	.17852	.18674	48.580	16.542
SDev	.00104	.00023	.00058	.00008	.14182	.0345
%RSD	.56376	.1274	.32702	.04361	.29194	.20861

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	55.777	.48435	.18466	24.624	.18825	.18148
SDev	.17545	.0014	.00158	.07624	.0005	.00144
%RSD	.31456	.29015	.85973	.30963	.26889	.79401

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18640	.18477	.18846	.18125	.19089	.18725
SDev	.00088	.00011	.0016	.00099	.00092	.00286
%RSD	.47709	.06134	.8494	.54688	.48597	1.5301

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18914	.16831	.17443	.18409	.19012	.04648
SDev	.00088	.00545	.00117	.00009	.00157	.00002
%RSD	.46573	3.2405	.67317	.05302	.8269	.04872

Elems	*Y
Units	
Avge	2402.85
SDev	7.53061
%RSD	.3134

Method: TRACE2 Sample Name: AD570581 Operator: SW
Run Time: 12/13/05 02:01 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	33.239	10.593	16.797	H33.742	.98437	.08145
SDev	.02014	.01576	.01706	.0444	.00011	.00232
%RSD	.06061	.14877	.10158	.13161	.01201	2.8487

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.547	3.9991	17.889	6.4505	11.956	4.2430
SDev	.00471	.00227	.00742	.00336	.02655	.00552
%RSD	.0447	.05689	.04153	.05222	.22211	.13025

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00887	H35.937	1.8760	.38747	16.622	16.312
SDev	.00422	.00046	.01744	.04619	.00294	.03353
%RSD	47.585	.00128	.92983	11.921	.01773	.20558

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.195	16.234	26.297	4.2506	26.405	26.243
SDev	.04407	.04056	.0086	.02515	.03435	.00426
%RSD	.27215	.24988	.03273	.59169	.1301	.01624

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00019	4.2160	20.569	H14.133	-.00114	H2.8810
SDev	.00001	.05649	.0021	.00255	.00004	.00338
%RSD	6.2794	1.3401	.01024	.01804	4.1443	.1175

Elems	*Y
Units	
Avge	2452.27
SDev	5.62146
%RSD	.22923

Method: TRACE2 Sample Name: AD570429/PB Operator: SW
Run Time: 12/13/05 02:05 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00861	.00207	.00782	.00127	.00018	.06913
SDev	.00086	.00142	.00164	.00036	0	.00154
%RSD	10.046	68.569	21.06	28.761	2.342	2.2397

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00024	-.00064	.00063	.00361	.02404	.04089
SDev	.0003	.00012	.00023	.00006	.00006	.0147
%RSD	126.7	18.821	36.643	1.798	.25205	35.951

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00557	.00075	.00901	.02466	-.00146	-.00085
SDev	.00097	.00038	.00375	.02934	.00024	.0022
%RSD	17.56	50.405	41.695	118.98	16.963	257.14

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00232	.00126	.00564	H.02365	.00323	.00685
SDev	.00038	.00098	.00163	.00328	.00245	.00368
%RSD	16.395	78.042	28.951	13.873	75.931	53.69

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00042	.00414	.00031	.01098	H.04070	.00012
SDev	.00006	.00276	.00039	.00003	.00075	.0005
%RSD	16.17	66.606	122.22	.27736	1.8632	415.37

Elems	*Y
Units	
Avge	2335.65
SDev	6.57612
%RSD	.28155

Method: TRACE2 Sample Name: AD570428/CLPSL Operator: SW
Run Time: 12/13/05 02:10 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	64.507	.68613	.87164	1.4722	1.2746	37.941
SDev	.36789	.00459	.00161	.00843	.00216	.02937
%RSD	.57031	.66937	.18541	.57298	.1701	.07742

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.1365	.63087	.51266	1.2618	90.368	23.343
SDev	.00287	.00032	.00131	.00623	.19077	.15135
%RSD	.13444	.05076	.2559	.49434	.21111	.64839

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.902	2.6950	.54372	3.8692	.47310	.73875
SDev	.04717	.00612	.00299	.04246	.00213	.00057
%RSD	.23702	.22722	.55055	1.0974	.45088	.07844

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.73907	.73896	.75031	.40257	.74580	.75257
SDev	.00196	.0015	.00501	.00097	.0026	.00622
%RSD	.26644	.20385	.66836	.24114	.34866	.82676

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.7262	1.4211	.54423	1.0876	1.6187	.75529
SDev	.0115	.00339	.00293	.00151	.0076	.00246
%RSD	.42199	.23886	.53905	.13937	.46983	.3266

Elems	*Y
Units	
Avge	2537.36
SDev	7.05345
%RSD	.27798

Method: TRACE2 Sample Name: AD570412 Operator: SW
Run Time: 12/13/05 02:14 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	34.620	.04755	.20494	.30057	.00428	H1477.5
SDev	.30571	.00035	.00158	.00187	.00006	1.4755
%RSD	.88306	.75578	.77504	.623	1.5676	.09986

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L-.00264	.04600	.04563	.07233	92.117	25.548
SDev	.00026	.00004	.00004	.00024	.17718	.24067
%RSD	10.047	.09453	.09137	.34324	.19234	.94201

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	91.618	2.2484	.00421	1.5521	.09107	.12062
SDev	.14035	.00313	.00096	.02168	.00054	.00021
%RSD	.15319	.1393	22.933	1.397	.59394	.18047

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12948	.12653	-.00169	.00247	.00141	-.00324
SDev	.00247	.00157	.0004	.00085	.00281	.00201
%RSD	1.9117	1.2475	24.161	34.442	199.09	62.246

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.26408	-.00317	.04888	.28250	.02343	.00097
SDev	.01114	.00418	.00012	.00103	.00192	.00015
%RSD	4.2212	131.91	.26136	.36484	8.2307	15.96

Elems	*Y
Units	
Avge	2337.45
SDev	.31816
%RSD	.01361

Method: TRACE2 Sample Name: AD570412/L (1:5) Operator: SW
Run Time: 12/13/05 02:19 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.5212	.01073	.04889	.06606	.00109	304.35
SDev	.01999	.00361	.00001	.00007	0	.23691
%RSD	.23468	33.653	.03856	.11916	.53365	.07784

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00055	.00962	.01091	.01695	20.173	5.3349
SDev	.00003	.00021	0	.00005	.02269	.00486
%RSD	6.1181	2.2766	.0043	.30737	.11248	.09113

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.494	.48352	.00116	.19609	.01956	.02294
SDev	.02485	.00015	.00087	.03847	.00027	.00149
%RSD	.1275	.03167	75.56	19.623	1.4017	6.506

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02743	.02593	.00076	.00144	.00058	.00086
SDev	.00059	.0001	.00201	.00031	.00377	.00113
%RSD	2.1692	.38602	262.57	21.734	648.87	132.17

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11546	-.00024	.01140	.06165	.00371	.00018
SDev	.00225	.00041	.00012	.00048	.00047	.00011
%RSD	1.9525	167.59	1.1095	.78451	12.802	63.043

Elems	*Y
Units	
Avge	2391.11
SDev	.05299
%RSD	.00221

Method: TRACE2 Sample Name: AD570412/PS Operator: SW
Run Time: 12/13/05 02:23 Filename: C121205
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.824	.39896	.56382	.65512	.34131	H1435.3
SDev	.18851	.00014	.00082	.00156	.0002	2.3636
%RSD	.3709	.03625	.1469	.23868	.05885	.16467

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.34213	.38874	.37796	.44711	105.99	47.219
SDev	.0002	.00029	.00104	.00145	.06484	.24663
%RSD	.05964	.07684	.27639	.32557	.06117	.52233

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	105.33	2.5000	.36394	22.706	.43697	.46166
SDev	.09773	.00028	.00234	.24379	.00044	.00006
%RSD	.09279	.01154	.64564	1.0737	.10222	.01357

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47705	.47192	.34817	.35067	.35020	.34716
SDev	.00295	.00194	.00132	.00241	.00075	.00236
%RSD	.6193	.41314	.3812	.68887	.21624	.68254

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.58881	.31927	.38497	.60750	.39198	.09571
SDev	.00187	.00219	.00056	.00077	.00186	.00036
%RSD	.31838	.68666	.14598	.12774	.47527	.37935

Elems	*Y
Units	
Avge	2312.25
SDev	1.80315
%RSD	.07798

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 12/13/05 02:29 Filename: C121205
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.080	Q.44111	.47464	.46150	.46011	23.138
SDev	.05743	.00367	.00095	.0003	.00123	.06785
%RSD	.24886	.83327	.20161	.06691	.26784	.29325

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47961	.47212	.46288	.48123	24.239	25.670
SDev	.0013	.00001	.00139	.00136	.07142	.01704
%RSD	.27308	.00246	.30114	.2843	.29465	.06641

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.269	.48312	.47678	24.654	.48920	.46950
SDev	.06423	.0013	.00413	.00651	.00034	.00175
%RSD	.27604	.26984	.86722	.02643	.07018	.37432

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47137	.47075	.47605	.46657	.48231	.47293
SDev	.00324	.00157	.00094	.00007	.00529	.00406
%RSD	.68738	.33477	.19875	.01659	1.0968	.85941

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45144	Q.44079	Q.44487	.48001	.48114	.45338
SDev	.00124	.00538	.00101	.00266	.00713	.00017
%RSD	.27558	1.2213	.22794	.55459	1.482	.03904

Elems	*Y
Units	
Avge	2431.28
SDev	1.48499
%RSD	.06107

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 12/13/05 02:33 Filename: C121205
Mode: CONC Type: B Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01125	.00130	.00058	.00031	.00025	.07498
SDev	.00111	.00179	.0006	.00004	0	.00156
%RSD	9.9171	136.99	103.24	15.287	.61909	2.0906

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	.00000	.00008	.00322	.01399	.00281
SDev	.00011	0	.00015	.00013	.0051	.00762
%RSD	137.52	134.83	186.67	4.1987	36.489	271.15

Elems	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01074	.00035	.00272	.00360	-.00038	-.00119
SDev	.00366	.00002	.00056	.00497	.00002	.00034
%RSD	34.162	8.0417	20.725	137.97	6.9846	29.308

Elems	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00055	-.00002	.00044	.00096	.00374	-.00120
SDev	.00083	.00067	.00038	.00157	.00137	.00126
%RSD	150.68	2451	86.621	164.32	36.688	104.9

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00024	.00524	-.00015	.00066	-.00013	.00026
SDev	.00011	.00005	0	.00023	.00252	.00003
%RSD	46.326	.9574	.59513	35.767	1891.7	12.336

Elems	*Y
Units	
Avge	2442.11
SDev	3.65931
%RSD	.14984

METALS DIGESTION LOG
A5B19113 - 12/12/05 MC/SW TOTAL 3005 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After		Clarity Before/After		Textur
12/12/05	07:00	MAP	A05-D693	A5D69307 *	A	FS	AD570545	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
12/12/05	07:00	MAP	A05-D965	A5D96501	A	FS	AD570546	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
12/12/05	07:00	MAP	A05-D972	A5D97201	A	FS	AD570547	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
12/12/05	07:00	MAP	A05-D977	A5D97703	A	FS	AD570548	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
12/12/05	07:00	MAP	A05-D983	A5D98301	A	FS	AD570549	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
12/12/05	07:00	MAP	A05-D983	A5D98302	A	FS	AD570550	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
12/12/05	07:00	MAP	A05-D983	A5D98303	A	FS	AD570551	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
12/12/05	07:00	MAP	A05-D983	A5D98304	A	FS	AD570552	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
12/12/05	07:00	MAP	A05-D983	A5D98305	A	FS	AD570553	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
12/12/05	07:00	MAP	A05-D983	A5D98306	A	FS	AD570554	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
12/12/05	07:00	MAP	A05-D983	A5D98307	A	FS	AD570555	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
12/12/05	07:00	MAP	A05-D983	A5D98307MS	A	MS	AD570556	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
12/12/05	07:00	MAP	A05-D983	A5D98307SD	A	SD	AD570557	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
12/12/05	07:00	MAP	A05-D983	A5D98308	A	FS	AD570558	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
12/12/05	07:00	MAP	A05-D983	A5D98309	A	FS	AD570559	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
12/12/05	07:00	MAP	A05-D983	A5D98310	A	FS	AD570560	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
12/12/05	07:00	MAP	A05-D983	A5D98311	A	FS	AD570561	A	TM	50.00	50.00	GRAY	GRAY	CLOUDY	CLOUDY	NONE
12/12/05	07:00	MAP		A5B1911301	A	LFB	AD570562	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
12/12/05	07:00	MAP		A5B1911302	A	MBLK	AD570563	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE

Comments: EPPENDORF'S USED IN PARENTHESIS:
(MDL3) .250ml SN 1853714
QUALITY CONTROL ADDITIVES:
SPIKES ADDED / EPPENDORF (*) USED FOR SPIKING
A- 1 - W1 15-MDL-18 (MDL3) .25 ml PER 50ML FIN VOL
2 - W2 01-MDL-02 (MDL3) .25 ml PER 50ML FIN VOL
3 - Ag MSL0201 (MDL3) .25 ml PER 50ML FIN VOL
4 - Sn MSL0203 (MDL3) .25 ml PER 50ML FIN VOL
CONC. NITRIC ACID = 02-MDL-15

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

946/1004

METALS DIGESTION LOG
A5B19113 - 12/12/05 MC/SW TOTAL 3005 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After	Clarity Before/After	Textur
				CONC. Hcl ACID = 16-MDL-18										
				HOT BLOCK TEMPERATURE = 123										
				SAMPLE TEMPERATURE = 95										
				BATCH ENDED = 12/12/05										
				DIGESTIVE CUP LOT = A506LP024										

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear Cloudy Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

947/1004

METALS DIGESTION LOG
A5B19121 - 12/09/2005 NON-CLP WATER Hg W2 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After		Clarity Before/After		Textur
12/09/05	10:30	LH	A05-D983	A5D98301	A	FS	AD570510	A	MERCURY	30.00	50.00					
12/09/05	10:30	LH	A05-D983	A5D98302	A	FS	AD570511	A	MERCURY	30.00	50.00					
12/09/05	10:30	LH	A05-D983	A5D98303	A	FS	AD570512	A	MERCURY	30.00	50.00					
12/09/05	10:30	LH	A05-D983	A5D98304	A	FS	AD570513	A	MERCURY	30.00	50.00					
12/09/05	10:30	LH	A05-D983	A5D98305	A	FS	AD570514	A	MERCURY	30.00	50.00					
12/09/05	10:30	LH	A05-D983	A5D98306	A	FS	AD570515	A	MERCURY	30.00	50.00					
12/09/05	10:30	LH	A05-D983	A5D98307	A	FS	AD570516	A	MERCURY	30.00	50.00					
12/09/05	10:30	LH	A05-D983	A5D98307MS	A	MS	AD570517	A	MERCURY	30.00	50.00					
12/09/05	10:30	LH	A05-D983	A5D98307SD	A	SD	AD570518	A	MERCURY	30.00	50.00					
12/09/05	10:30	LH	A05-D983	A5D98308	A	FS	AD570519	A	MERCURY	30.00	50.00					
12/09/05	10:30	LH	A05-D983	A5D98309	A	FS	AD570520	A	MERCURY	30.00	50.00					
12/09/05	10:30	LH	A05-D983	A5D98310	A	FS	AD570521	A	MERCURY	30.00	50.00					
12/09/05	10:30	LH	A05-D983	A5D98311	A	FS	AD570522	A	MERCURY	30.00	50.00					
12/09/05	10:30	LH		A5B1912101	A	LCS	AD570523	A	MERCURY	30.00	50.00					
12/09/05	10:30	LH		A5B1912102	A	MBLK	AD570524	A	MERCURY	30.00	50.00					

Comments: EPPENDORF USED TO ADD SPIKES:
HGL-5 2ml; HGL-4 1mL
EPPENDORFS USED TO DISPENSE SET VOLUMES:
HGL-1 .1mL HGL-4 1mL
HGL-2 .2mL HGL-5 2mL
HGL-3 .5mL HGL-6 5mL
MERCURY BATCH ADDITIONS
1.) HgLCS (W) 1-HGL-17
2.) Potassium Persulfate 3-020-R
3.) Potassium Permanganate 3-034-Q
4.) Stannous Chloride 2-178-U
5.) Hydroxylamine Hydrochloride 2-182-S
6.) HgLCS (S) 7-HGL-1

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear Cloudy Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

948/1004

METALS DIGESTION LOG
A5B19121 - 12/09/2005 NON-CLP WATER Hg W2 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After	Clarity Before/After	Textur

CONC. NITRIC ACID - J.T. BAKER LOT# B16037
CONC. HCL ACID - MALLINKRODT LOT# B19030
CONC. SULFURIC ACID - MALLINKRODT LOT# 5557 B05H10
HOT BLOCK TEMP FROM DESIGNATED CELL: (95)°C
TEMP CRITERIA: 95(+-)3 DEG C
DIGESTION CUPS ENVIROMENTAL EXPRESS LOT# A506LP024

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

WinHg Database 1.1

File Utility Help

Protocol hgppb Dataset/Proto L21209W2/hgppb

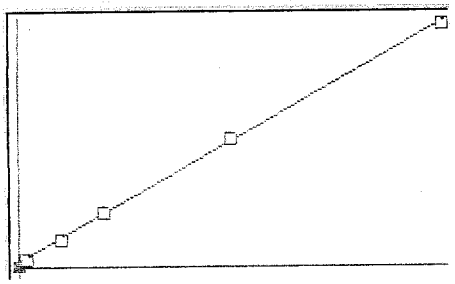
Protocol | Line info | Cal Curve | Report | Ctrl Chart | Viewer

Reset
Calib Coeffs
New Cal
Update Coeffs
Spike Coeffs

A
B 1.61715e-5
C -2.09220e-1
rho .999655

Calibrated
Accepted
Accept
Type Linear

Rel. Abs.
625161
Accepted
New



Conc. 10.0

Include S1 Rep 1 2 3 4 5

S	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3
01	.00000	-.065	-.065	8946	320	8629	9267	8943
02	.20000	.142	-.058	21718	1.29%	21571	21541	22042
03	1.0000	.974	-.026	73178	0.96%	73307	73805	72421
04	2.0000	2.09	.086	141951	0.27%	142187	142151	141515
05	5.0000	5.16	.161	332105	0.29%	333216	331509	331591
06	10.000	9.90	-.099	625161	0.31%	627239	624862	623383

nHg Runner 1.1 | WinHg Database 1.... | WinHG Rack Editor 1.0 ... | WinHG Rack Editor 1.0 ...

(LH)

3-073-K
-E
-F
-G
-H
-I

Folder: L21209W2
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

3-073-J

*** Check Standard: 2 Ck2ICV Seq: 1 13:56:48 09 Dec 05 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		103.	3.10	3.00	ppb	.000

=

3-073-K

*** Check Standard: 1 Ck1ICB/CCB Seq: 2 13:57:54 09 Dec 05 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.114	.200	ppb	.000

=

3-073-L

*** Check Standard: 4 Ck4CRA Seq: 3 13:58:59 09 Dec 05 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		69.0	.138	.200	ppb	.000

=

*** Sample ID: AD570481 Seq: 4 14:00:20 09 Dec 05 HG

Hg	-.048	ppb	.000	-.048

=

==========

*** Sample ID: AD570482 Seq: 5 14:01:37 09 Dec 05 HG

Hg	-.080	ppb	.000	-.080

=

==========

*** Sample ID: AD570483 Seq: 6 14:02:53 09 Dec 05 HG

Hg	-.060	ppb	.000	-.060

=

==========

*** Sample ID: AD570484 Seq: 7 14:03:59 09 Dec 05 HG

+1 PPB

Hg	.921	ppb	.000	.921

=

==========

*** Sample ID: AD570485 Seq: 8 14:05:05 09 Dec 05 HG

+1 PPB

Hg	.924	ppb	.000	.924

=

==========

*** Sample ID: AD570486 Seq: 9 14:06:11 09 Dec 05 HG

Hg	-.073	ppb	.000	-.073

=

==========

*** Sample ID: AD570487 Seq: 10 14:07:20 09 Dec 05 HG

Hg	-.055	ppb	.000	-.055

=

==========

*** Sample ID: AD570488 Seq: 11 14:08:30 09 Dec 05 HG

Hg	-.062	ppb	.000	-.062

=

==========

*** Sample ID: AD570489 Seq: 12 14:09:46 09 Dec 05 HG

Hg	-.081	ppb	.000	-.081

=

==========

*** Sample ID: AD570490 Seq: 13 14:11:02 09 Dec 05 HG

Hg	-.060	ppb	.000	-.060

=

Folder: L21209W2
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

3-073-H

*** Check Standard: 3 Ck3CCV Seq: 14 14:12:14 09 Dec 05 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		106.	2.11	2.00	ppb	.000

=

3-073-K

*** Check Standard: 1 Ck1ICB/CCB Seq: 15 14:13:30 09 Dec 05 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.079	.200	ppb	.000

=

*** Sample ID: AD570491 Seq: 16 14:14:36 09 Dec 05 HG

Hg -.042 ppb .000 -.042

=

*** Sample ID: AD570492 Seq: 17 14:15:42 09 Dec 05 HG

Hg -.160 ppb .000 -.160

=

*** Sample ID: AD570493 Seq: 18 14:16:58 09 Dec 05 HG

Hg -.096 ppb .000 -.096

=

*** Sample ID: AD570494 Seq: 19 14:18:25 09 Dec 05 HG

Hg -.042 ppb .000 -.042

=

*** Sample ID: AD570495 Seq: 20 14:19:32 09 Dec 05 HG

Hg -.133 ppb .000 -.133

=

*** Sample ID: AD570496 Seq: 21 14:20:39 09 Dec 05 HG

Hg -.131 ppb .000 -.131

=

*** Sample ID: AD570497 Seq: 22 14:21:55 09 Dec 05 HG

Hg -.067 ppb .000 -.067

=

*** Sample ID: AD570498 Seq: 23 14:23:06 09 Dec 05 HG

+4 PPB

Hg 4.06 ppb .000 4.06

=

*** Sample ID: AD570499 Seq: 24 14:24:15 09 Dec 05 HG

+4 PPB

Hg 4.06 ppb .000 4.06

=

*** Sample ID: AD570500 Seq: 25 14:25:26 09 Dec 05 HG

Hg -.133 ppb .000 -.133

=

*** Check Standard: 3 Ck3CCV Seq: 26 14:26:46 09 Dec 05 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		106.	2.11	2.00	ppb	.000

=

```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-------------------------------------------------------------------------------

*** Check Standard: 1  Ck1ICB/CCB   Seq:  27      14:27:54 09 Dec 05   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.104     .200     ppb         .000
                                                                              =
*** Sample ID: AD570501             Seq:  28      14:29:12 09 Dec 05   HG
                           +4 PPB
Hg    2.86    ppb        .000      2.86
                                                                              =
===============================================================================
*** Sample ID: AD570502             Seq:  29      14:30:20 09 Dec 05   HG
                           +4 PPB
Hg    2.84    ppb        .000      2.84
                                                                              =
===============================================================================
*** Sample ID: AD570503             Seq:  30      14:31:28 09 Dec 05   HG

Hg   -.088    ppb        .000     -.088
                                                                              =
===============================================================================
*** Sample ID: AD570504             Seq:  31      14:32:42 09 Dec 05   HG

Hg   -.050    ppb        .000     -.050
                                                                              =
===============================================================================
*** Sample ID: AD570505             Seq:  32      14:34:10 09 Dec 05   HG

Hg   -.049    ppb        .000     -.049
                                                                              =
===============================================================================
*** Sample ID: AD570506             Seq:  33      14:35:21 09 Dec 05   HG

Hg   -.058    ppb        .000     -.058
                                                                              =
===============================================================================
*** Sample ID: AD570507             Seq:  34      14:36:32 09 Dec 05   HG

Hg   -.062    ppb        .000     -.062
                                                                              =
===============================================================================
*** Sample ID: AD570507L            Seq:  35      14:38:18 09 Dec 05   HG
                             1:3
Hg   -.091    ppb        .000     -.091
                                                                              =
===============================================================================
*** Sample ID: AD570508             Seq:  36      14:39:24 09 Dec 05   HG
 SPIKED                    +2 PPB
Hg    1.99    ppb        .000      1.99
                                                                              =
*** %Rec.  ID: AD570508             Seq:  37      14:39:24 09 Dec 05   HG
                         Spikes =1  Unspiked =0
      Spike               %Rcv.    Avg(U)   SD(U)    Avg(S)   SD(S)
Hg    2.00    ppb         99.3      .000    .000      1.99    .000              =

*** Sample ID: AD570509             Seq:  38      14:40:31 09 Dec 05   HG

Hg   -.107    ppb        .000     -.107
                                                                              =
*** Check Standard: 3  Ck3CCV       Seq:  39      14:41:43 09 Dec 05   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          105.     2.11    2.00  ppb         .000
                                                                              =
```

Folder: L21209W2
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 1 Ck1ICB/CCB Seq: 40 14:42:52 09 Dec 05 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.094	.200	ppb	.000

*** Sample ID: AD570510 Seq: 41 14:44:17 09 Dec 05 HG

Hg	-.050	ppb	.000	-.050	

*** Sample ID: AD570511 Seq: 42 14:45:27 09 Dec 05 HG

Hg	-.069	ppb	.000	-.069	

*** Sample ID: AD570512 Seq: 43 14:46:35 09 Dec 05 HG

Hg	-.049	ppb	.000	-.049	

*** Sample ID: AD570513 Seq: 44 14:47:51 09 Dec 05 HG

Hg	-.056	ppb	.000	-.056	

*** Sample ID: AD570514 Seq: 45 14:49:16 09 Dec 05 HG

Hg	-.077	ppb	.000	-.077	

*** Sample ID: AD570515 Seq: 46 14:51:14 09 Dec 05 HG

Hg	-.069	ppb	.000	-.069	

*** Sample ID: AD570516 Seq: 47 14:52:20 09 Dec 05 HG

Hg	-.074	ppb	.000	-.074	

*** Sample ID: AD570517 Seq: 48 14:53:25 09 Dec 05 HG

			+4 PPB		
Hg	3.18	ppb	.000	3.18	

*** Sample ID: AD570518 Seq: 49 14:55:11 09 Dec 05 HG

			+4 PPB		
Hg	3.27	ppb	.000	3.27	

*** Sample ID: AD570519 Seq: 50 14:56:21 09 Dec 05 HG

Hg	-.107	ppb	.000	-.107	

*** Check Standard: 3 Ck3CCV Seq: 51 14:57:31 09 Dec 05 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		106.	2.12	2.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 52 14:58:47 09 Dec 05 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.087	.200	ppb	.000

```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-------------------------------------------------------------------------------

*** Sample ID: AD570520              Seq:  53     15:00:06 09 Dec 05   HG

Hg    .797    ppb       .000      .797                                      =
===============================================================================
*** Sample ID: AD570521              Seq:  54     15:01:23 09 Dec 05   HG

Hg   -.086    ppb       .000     -.086                                      =
===============================================================================
*** Sample ID: AD570522              Seq:  55     15:02:41 09 Dec 05   HG

Hg   -.058    ppb       .000     -.058                                      =
===============================================================================
*** Sample ID: AD570522L             Seq:  56     15:03:49 09 Dec 05   HG
                          1:3
Hg   -.048    ppb       .000     -.048                                      =
===============================================================================
*** Sample ID: AD570523              Seq:  57     15:04:57 09 Dec 05   HG
 SPIKED                    +2 PPB
Hg    1.98    ppb       .000      1.98                                      =

*** %Rec.  ID: AD570523              Seq:  58     15:04:58 09 Dec 05   HG
                       Spikes =1  Unspiked =0
      Spike             %Rcv.    Avg(U)   SD(U)    Avg(S)   SD(S)
Hg    2.00    ppb        99.0     .000    .000      1.98    .000              =

*** Sample ID: AD570524              Seq:  59     15:06:06 09 Dec 05   HG

Hg   -.119    ppb       .000     -.119                                      =

*** Check Standard: 3  Ck3CCV        Seq:  60     15:07:12 09 Dec 05   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          105.     2.11    2.00  ppb         .000                         =

*** Check Standard: 1  Ck1ICB/CCB    Seq:  62     15:09:50 09 Dec 05   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.060     .200    ppb         .000                               =
```

Wet Chemistry Data

Wet Chemistry Analysis

Client Sample No.

NM-MWMPI1-W-0-1205

Lab Name: STL Buffalo Contract: _____

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

Matrix (soil/water): WATER Lab Sample ID: A5D98301

% Solids: 0.0 Date Samp/Recv: 12/07/2005 12/08/2005

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Total Alkalinity	MG/L	323				310.2	12/13/2005
Total Dissolved Solids	MG/L	711				160.1	12/09/2005
Total Hardness	MG/L	820				130.2	12/12/2005
Total Suspended Solids	MG/L	78.0				160.2	12/09/2005

Comments:

Wet Chemistry Analysis

Client Sample No.: NM-MWMPI1-W-D-1205

Lab Name: STL Buffalo Contract: _____

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

Matrix (soil/water): WATER Lab Sample ID: A5D98302

% Solids: 0.0 Date Samp/Recv: 12/07/2005 12/08/2005

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Total Alkalinity	MG/L	383				310.2	12/13/2005
Total Dissolved Solids	MG/L	684				160.1	12/09/2005
Total Hardness	MG/L	700				130.2	12/12/2005
Total Suspended Solids	MG/L	75.0				160.2	12/09/2005

Comments:

Wet Chemistry Analysis

Client Sample No.

NM-MWMPI2-W-0-1205

Lab Name: STL Buffalo Contract: _____

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

Matrix (soil/water): WATER Lab Sample ID: A5D98303

% Solids: 0.0 Date Samp/Recv: 12/07/2005 12/08/2005

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Total Alkalinity	MG/L	248				310.2	12/13/2005
Total Dissolved Solids	MG/L	387				160.1	12/09/2005
Total Hardness	MG/L	440				130.2	12/12/2005
Total Suspended Solids	MG/L	98.0				160.2	12/09/2005

Comments:

Client Sample ID: Method Blank LCS
Lab Sample ID: A5B1929802 A5B1929801

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS METHOD 310.2 - TOTAL ALKALINITY	MG/L	50.89	50.00	102	90-110

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank LCS
Lab Sample ID: A5B1917002 A5B1917001

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS METHOD 160.1 - TOTAL DISSOLVED SOLIDS	MG/L	504.0	500.0	100	85-115

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank LCS
Lab Sample ID: A5B1922602 A5B1922601

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS METHOD 130.2 - TOTAL HARDNESS AS CACO3	MG/L	98.00	100.0	98	90-110

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank LCS
Lab Sample ID: A5B1916902 A5B1916901

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS METHOD 160.2 - TOTAL SUSPENDED SOLIDS	MG/L	671.0	698.0	96	88-110

963/1004

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

WET CHEMISTRY
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: STL Buffalo Contract: _____

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

Lab Sample ID: A5B1929802 Lab File ID: _____

Matrix: (soil/water) WATER Instrument ID (1): _____

Date Analyzed (1): 12/13/2005 Time Analyzed (1): 15:03

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	LCS	A5B1929801	12/13/2005	15:03
2	NM-MWMPI1-W-0-1205	A5D98301	12/13/2005	15:03
3	NM-MWMPI1-W-D-1205	A5D98302	12/13/2005	15:03
4	NM-MWMPI2-W-0-1205	A5D98303	12/13/2005	15:03

Comments: _____

Wet Chemistry Analysis

Client Sample No.: Method Blank

Lab Name: STL Buffalo Contract: _____

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

Matrix (soil/water): WATER Lab Sample ID: A5B1929802

% Solids: 0.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Total Alkalinity	MG/L	10	U			310.2	12/13/2005

Comments:

WET CHEMISTRY
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: STL Buffalo Contract: _____

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

Lab Sample ID: A5B1917002 Lab File ID: _____

Matrix: (soil/water) WATER Instrument ID (1): _____

Date Analyzed (1): 12/09/2005 Time Analyzed (1): 16:30

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	LCS	A5B1917001	12/09/2005	16:30
2	NM-MWMPI1-W-0-1205	A5D98301	12/09/2005	16:30
3	NM-MWMPI1-W-D-1205	A5D98302	12/09/2005	16:30
4	NM-MWMPI2-W-0-1205	A5D98303	12/09/2005	16:30

Comments: _____

Wet Chemistry Analysis

Client Sample No.

Method Blank

Lab Name: STL Buffalo Contract: _____

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

Matrix (soil/water): WATER Lab Sample ID: A5B1917002

% Solids: 0.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Total Dissolved Solids	MG/L	10	U			160.1	12/09/2005

Comments:

WET CHEMISTRY
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: STL Buffalo Contract: _____

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

Lab Sample ID: A5B1922602 Lab File ID: _____

Matrix: (soil/water) WATER Instrument ID (1): _____

Date Analyzed (1): 12/12/2005 Time Analyzed (1): 11:00

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	LCS	A5B1922601	12/12/2005	11:00
2	NM-MWMPI1-W-0-1205	A5D98301	12/12/2005	11:00
3	NM-MWMPI1-W-D-1205	A5D98302	12/12/2005	11:00
4	NM-MWMPI2-W-0-1205	A5D98303	12/12/2005	11:00

Comments: _____

Wet Chemistry Analysis

Client Sample No.: Method Blank

Lab Name: STL Buffalo Contract: _____

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

Matrix (soil/water): WATER Lab Sample ID: A5B1922602

% Solids: 0.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Total Hardness	MG/L	2.0	U			130.2	12/12/2005

Comments:

WET CHEMISTRY
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: STL Buffalo Contract: _____

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

Lab Sample ID: A5B1916902 Lab File ID: _____

Matrix: (soil/water) WATER Instrument ID (1): _____

Date Analyzed (1): 12/09/2005 Time Analyzed (1): 13:30

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	LCS	A5B1916901	12/09/2005	13:30
2	NM-MWMPI1-W-0-1205	A5D98301	12/09/2005	13:30
3	NM-MWMPI1-W-D-1205	A5D98302	12/09/2005	13:30
4	NM-MWMPI2-W-0-1205	A5D98303	12/09/2005	13:30

Comments: _____

Wet Chemistry Analysis

Client Sample No.: Method Blank

Lab Name: STL Buffalo Contract: _____

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

Matrix (soil/water): WATER Lab Sample ID: A5B1916902

% Solids: 0.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Total Suspended Solids	MG/L	4.0	U			160.2	12/09/2005

Comments:

Wet Chemistry Raw Data

PARAMETER Alk. METHOD 310.2 BATCH ~~A5B19298~~

COMMENTS	JOB NUMBER
WC Reporting Limit < STL Quant Limit	D937, D807, D980, E023, E058,
WC Historical confirms within Hold Time	
WC Historical NO confirm & RE outside of HT	
WC Hold Time Exceedance-Dilution required	
WC Hold Time Exceedance-Instrument Failure	
WC Holding Time Exceedance by Date	
WC Holding Time Exceedance by Hours	
WC LCS within ERA limits outside internal	
WC LCS high recovery, sample ND	
WC MBLK hit but samples > 10X blank value	
WC RPD Exceedance for MS / SD	
WC Spike Failure HIGH MS only	
WC Spike Failure LOW MS only	E058 (B26K22)
WC Spike Failure MS and SD	
WC BOD HT met- Oxygen depleted-RE out HT	
WC Carbonate Alkalinity, LCS/MBLK	
WC Reactivity Qualification	
WC TDS/Conductivity ratio outside of range	
WC TOX Breakthrough- no volume for redo	
WC TOX samples were centrifuged	
Other	

DILUTION CODES	REASON
002	Sample matrix effects
003	Excessive foaming
004	High levels of non-target compounds
008	High concentration of target analytes
009	Sample turbidity
010	Sample color
011	Insufficient volume for lower dilution
012	Sample viscosity
013	other

ICAL Compliant? YES NO NA IF NO, Why? _____
LCS/CCV Compliant? YES NO NA IF NO, Why? _____
CCB Compliant? YES NO NA IF NO, Why? _____
RPD Compliant? YES NO NA IF NO, Why? _____
ERA Compliant? YES NO NA IF NO, Why? _____

NUMBER of REANALYSIS FOR THIS BATCH: 0

Analyst _____ Date 12/15/05

Time Critical Batch Review _____ Date _____

Secondary Review & Closure Lisa R Matosh Date 16 DEC 2005

Calibration results AquaKem 6.5 Page: 1

STL Buffalo
Konelab 1
Analyst:

13.12.2005 10:16

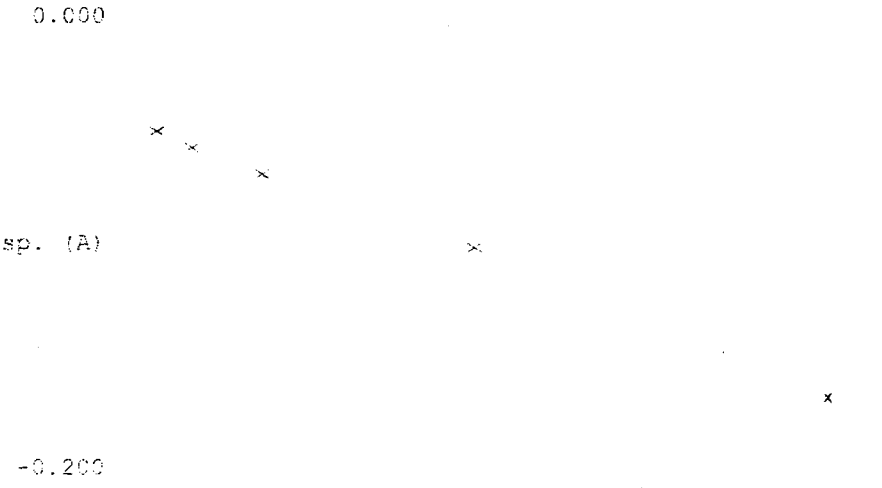
Test Alkalinity

Accepted 09.12.2005 18:02

Factor -801.7
Bias -0.044

Coeff. of det. 0.997985

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	ALK-100	-0.051	5.2686	5.0000	
2	ALK-100	-0.058	11.1029	10.0000	
3	ALK-100	-0.069	20.3459	20.0000	
4	ALK-100	-0.103	46.9511	50.0000	
5	ALK-100	-0.171	101.3316	100.0000	

Check water blank AquaKem 6.5 Page: 1

STL Buffalo
Konelab 1
Analyst:

13.12.2005 10:16

Performed 13.12.2005 09:54
MAX acceptable SD 2.0 mA

Wavelength	Abs (mA)	SD (mA)	SignGain	RefGain	Voltage (V)
340 nm	-264.7	0.6	0	0	5.1
405 nm	-154.7	0.6	1	1	6.2
420 nm	-69.3	0.6	1	1	6.2
460 nm	-226.8	0.6	0	0	5.9
480 nm	-248.5	0.6	0	0	5.4
520 nm	-260.7	0.6	0	0	5.1
540 nm	-267.4	0.6	0	0	5.4
575 nm	-271.7	0.6	0	0	5.4
600 nm	-275.2	0.5	0	0	5.1
630 nm	-277.2	0.5	0	0	4.6
660 nm	-277.7	0.5	0	0	4.8
700 nm	-279.3	0.5	0	0	4.3
560 nm	-261.8	0.5	0	0	4.2

Solutions Used: Konelab AQUA20 & 20XT

Alkalinity	Chloride	Sulfate
6-74-E	6-64-C	6-72-C
6-72-B	6-84-C	6-72-D
6-94-C	6-94-D	6-94-E
6-71-E	6-88-E	6-70-D
CHA-76-H	6-89-A	6-91-B
8-01-A	6-72-A	
83-B	6-97-C	
LCS (ERA)P117506 CHA-111-G	LCS (ERA)P117506 CHA-111-G	LCS (ERA)P117506 CHA-111-G
ACTUAL: 31.1 RANGE: 28.2-34.0	ACTUAL: 48.8 RANGE: 43.8-53.2	ACTUAL: 10.8 RANGE: 8.91-11.9
LCS ALK 50PPM	LCS CL 50PPM	LCS SO4 30PPM
SPIKE 20PPM	SPIKE 20PPM	SPIKE 20PPM

EPPENDORFS USED: 4633843, 4877262, T05264, 422529, 4762683

DATE LAST UPDATED: 12/10/05 EC

Result Report AquaKem 6.5 Page: 1

STL Buffalo
Konelab 1

Date : 2005-12-13
Time : 17.49

ASB19298
curve date 12/9/05

Test Alkalinity
Unit mg/l

Sample ID:	Result	Resp.	Blank	Dilut	Date and Time	
Alk LCS	50.892	-0.108	0.524		2005-12-13 15.03	
Alk MBLK	3.922	-0.049	0.529		2005-12-13 15.03	
Alk LCS	53.908	-0.111	0.527		2005-12-13 15.43	
Alk MBLK	2.774	-0.048	0.524		2005-12-13 15.43	
D98001	274.613	-0.113	0.524	1+4.0	2005-12-13 15.45	
delete * D98010 SD 20	20.636	-0.049	0.529	1+4.0	2005-12-13 15.45	
E08405	377.206	-0.138	0.527	1+4.0	2005-12-13 15.45	
E08601	115.287	-0.073	0.525	1+4.0	2005-12-13 15.45	
D98301	323.115	-0.125	0.524	1+4.0	2005-12-13 15.47	
D98302	382.899	-0.140	0.529	1+4.0	2005-12-13 15.47	
E08602	3624.679	-0.135	0.528	1+49.0	2005-12-13 15.47	
Alk LCS	54.882	-0.113	0.527		2005-12-13 15.47	
Alk MBLK	4.302	-0.049	0.526		2005-12-13 15.47	
D98303	248.260	-0.106	0.516	1+4.0	2005-12-13 15.52	
E05809	396.969	-0.143	0.525	1+4.0	2005-12-13 15.52	
E05807	188.015	-0.091	0.513	1+4.0	2005-12-13 15.53	
E05808	252.314	-0.107	0.521	1+4.0	2005-12-13 15.53	
delete * D98010 MS 20	21.822	-0.050	0.519	1+4.0	2005-12-13 15.55	
E05811	158.326	-0.084	0.527	1+4.0	2005-12-13 15.56	
E05811 ASPK20	173.326	-0.087	0.529	1+4.0	2005-12-13 15.55	13%
Alk LCS	54.611	-0.112	0.529		2005-12-13 15.55	
Alk MBLK	2.573	-0.047	0.524		2005-12-13 15.55	
E05801	340.792	-0.129	0.516	1+4.0	2005-12-13 15.56	
E05806	167.732	-0.086	0.527	1+4.0	2005-12-13 15.56	
E08401	225.653	-0.100	0.526	1+4.0	2005-12-13 15.56	
E08402	168.411	-0.086	0.525	1+4.0	2005-12-13 15.56	
Alk LCS	51.006	-0.108	0.521		2005-12-13 16.04	
Alk MBLK	3.189	-0.048	0.523		2005-12-13 16.04	
Alk LCS	50.547	-0.107	0.516		2005-12-13 16.55	
Alk MBLK	3.429	-0.048	0.525		2005-12-13 16.55	
D80703	27.415	-0.078	0.529		2005-12-13 16.55	
D80708	80.145	-0.144	0.530		2005-12-13 16.55	
E05810	81.966	-0.146	0.511		2005-12-13 16.55	
D93703.	-5e+004	0.510	0.519	1+120.0	2005-12-13 16.57	
D89501	-5e+003	0.012	0.526	1+120.0	2005-12-13 16.57	
E08403	-2e+003	0.356	0.529	1+4.0	2005-12-13 16.57	
E08404	377.948	-0.138	0.528	1+4.0	2005-12-13 16.57	
Alk LCS	53.174	-0.110	0.528		2005-12-13 16.57	
Alk MBLK	2.126	-0.047	0.524		2005-12-13 16.57	
E02304	-962.276	0.004	0.526	1+24.0	2005-12-13 16.59	
E05803	-2e+003	0.031	0.527	1+24.0	2005-12-13 16.59	
E05804	407.833	-0.064	0.528	1+24.0	2005-12-13 16.59	
delete D80713	219.285	-0.055	0.509	1+24.0	2005-12-13 16.59	
E05802	129.089	-0.076	0.509	1+4.0	2005-12-13 17.04	
delete * D98010	2.001	-0.047	0.511		2005-12-13 17.19	
E05811 DUP	130.290	-0.077	0.508	1+4.0	2005-12-13 17.46	
Alk LCS	50.287	-0.107	0.511		2005-12-13 17.47	
Alk MBLK	1.735	-0.046	0.516		2005-12-13 17.47	

Result Report AquaKem 6.5 Page: 1

STL Buffalo
Konelab 1

Date : 2005-12-13
Time : 17.53

Test Alkalinity
Unit mg/l

Sample ID:	Result	Resp.	Blank	Dilut	Date and Time
Alk ICV		-0.099	0.525		-
Alk ICB		-0.046	0.525		-
Alk ICV		-0.086	0.516		-
Alk ICB		-0.046	0.519		-
Alk ICV		-0.129	0.515		-
Alk ICB		-0.020	0.519		-
Alk ICV		-0.127	0.515		-
Alk ICB		-0.046	0.519		-
Alk ICV		-0.089	0.516		-
Alk ICB		-0.047	0.519		-
Alk ICV		-0.143	0.514		-
Alk ICB		-0.047	0.517		-
Alk ICV		-0.095	0.524		-
Alk ICB		-0.014	0.521		-
Alk LCS		-0.099	0.524		-
Alk MBLK		-0.040	0.528		-
D93703.		2.150	0.529		-
D80706		-0.079	0.530		-
D80708		-0.128	0.532		-
D80713		-0.298	0.534		-
D89501		0.258	0.534		-
D98001		-0.381	0.535		-
D98010		-0.425	0.537		-
D98010 MS 20		-0.127	0.538		-
D98010 SD 20		-0.434	0.536		-
E02304		-0.377	0.533		-
Alk LCS		-0.096	0.523		-
Alk MBLK		-0.046	0.528		-
D98301		-0.252	0.528		-
D98302		-0.315	0.530		-
D98303		-0.273	0.532		-
E05801		0.148	0.533		-
E05802		-0.073	0.534		-
E05803		-0.298	0.535		-
E05804		-0.217	0.536		-
E05806		-0.105	0.536		-
E05809		-0.418	0.535		-
E05810		-0.147	0.534		-
Alk LCS		0.000	0.000		-
Alk LCS		-0.097	0.518		-
Alk MBLK		-0.041	0.528		-
E05811 DUP		-0.219	0.527		-
E05811 ASPK20		-0.244	0.526		-
Alk MBLK		-0.049	0.524		-
E05807		-0.259	0.526		-
E05808		-0.350	0.527		-
E05811		-0.214	0.528		-
E08401		-0.323	0.531		-
E08402		-0.173	0.531		-
E08403		-0.303	0.533		-
E08404		-0.397	0.533		-
E08405		-0.402	0.535		-
E08601		-0.189	0.534		-

Result Report AquaKem 6.5 Page: 2

STL Buffalo
Konelab 1

Date : 2005-12-13
Time : 17.53

Test Alkalinity
Unit mg/l

Sample ID:	Result	Resp.	Blank	Dilut	Date and Time
E08602		-0.370	0.531		-
Alk MBLK		0.000	0.000		-
Alk MBLK		0.000	0.000		-
Alk LCS		0.000	0.000		-
Alk LCS	50.892	-0.108	0.524		2005-12-13 15.03
Alk MBLK	3.922	-0.049	0.529		2005-12-13 15.03
D93703.		2.177	0.532		-
D80703		-0.087	0.531		-
D80708		-0.122	0.532		-
D89501		0.254	0.535		-
D98010 MS 20		-0.186	0.537		-
E05801		-0.421	0.538		-
E05802		-0.113	0.537		-
E05806		-0.113	0.536		-
E05810		-0.152	0.534		-
E08403		-0.162	0.519	1+4.0	-
Alk LCS		-0.111	0.526		-
Alk MBLK		0.045	0.529		-
E08404		-0.136	0.531	1+4.0	-
E08405		-0.136	0.529	1+4.0	-
E08601		-0.071	0.520	1+4.0	-
D80713		-0.097	0.517	1+4.0	-
D98001		-0.076	0.526	1+4.0	-
D98010		-0.162	0.528	1+4.0	-
D98010 SD 20		-0.165	0.530	1+4.0	-
E02304		-0.116	0.529	1+4.0	-
E08602		-0.422	0.526	1+4.0	-
D98301		-0.125	0.508	1+4.0	-
Alk LCS		-0.110	0.521		-
Alk MBLK		0.051	0.523		-
D98302		-0.062	0.525	1+4.0	-
D98303		-0.120	0.524	1+4.0	-
E05803		-0.101	0.516	1+4.0	-
E05804		-0.130	0.513	1+4.0	-
E05809		-0.143	0.522	1+4.0	-
E05807		-0.096	0.525	1+4.0	-
E05808		-0.111	0.525	1+4.0	-
E05811 DUP		-0.083	0.525	1+4.0	-
E05811 ASPK20		-0.084	0.521	1+4.0	-
D98010 MS 20		-0.065	0.514	1+4.0	-
Alk LCS		-0.068	0.523		-
Alk MBLK		0.112	0.524		-
E05811		-0.002	0.524	1+4.0	-
E08401		-0.099	0.524	1+4.0	-
E08402		-0.104	0.514	1+4.0	-
E05801		-0.131	0.509	1+4.0	-
Alk LCS		-0.089	0.514		-
Alk MBLK		-0.047	0.518		-
Alk LCS		-0.104	0.517		-
Alk MBLK		0.472	0.524		-
D80703		0.057	0.529		-
D80708		-0.143	0.529		-
E05802		-0.066	0.530		-

Result Report AquaKem 6.5 Page: 3

STL Buffalo
Konelab 1

Date : 2005-12-13
Time : 17.54

Test Alkalinity
Unit mg/l

Sample ID:	Result	Resp.	Blank	Dilut	Date and Time
E05806		-0.261	0.530		-
E05810		-0.149	0.526		-
D93703.		0.004	0.518	1+120.0	-
D89501		-0.047	0.526	1+120.0	-
E08403		-0.097	0.528	1+4.0	-
E08404		-0.053	0.529	1+4.0	-
Alk LCS	53.908	-0.111	0.527		2005-12-13 15.43
Alk MBLK	2.774	-0.048	0.524		2005-12-13 15.43
D80713		-0.006	0.517	1+4.0	-
D98001	274.613	-0.113	0.524	1+4.0	2005-12-13 15.45
D98010		-0.076	0.528	1+4.0	-
D98010 SD 20	20.636	-0.049	0.529	1+4.0	2005-12-13 15.45
E08405	377.206	-0.138	0.527	1+4.0	2005-12-13 15.45
E08601	115.287	-0.073	0.525	1+4.0	2005-12-13 15.45
E02304		-0.012	0.517	1+4.0	-
E05801	323.115	-0.125	0.524	1+4.0	2005-12-13 15.47
D98302	382.899	-0.140	0.529	1+4.0	2005-12-13 15.47
E08602	3624.679	-0.135	0.528	1+49.0	2005-12-13 15.47
Alk LCS	54.882	-0.113	0.527		2005-12-13 15.47
Alk MBLK	4.302	-0.049	0.526		2005-12-13 15.47
D98303	248.260	-0.106	0.516	1+4.0	2005-12-13 15.52
E05803		-0.019	0.524	1+4.0	-
E05804		-0.033	0.524	1+4.0	-
E05809	396.969	-0.143	0.525	1+4.0	2005-12-13 15.52
E05807	188.015	-0.091	0.513	1+4.0	2005-12-13 15.53
E05808	252.314	-0.107	0.521	1+4.0	2005-12-13 15.53
D98010 MS 20	21.822	-0.050	0.519	1+4.0	2005-12-13 15.55
E05811	158.326	-0.084	0.527	1+4.0	2005-12-13 15.55
E05811 DUP		-0.013	0.530	1+4.0	-
E05811 ASPK20	173.326	-0.087	0.529	1+4.0	2005-12-13 15.55
Alk LCS	54.611	-0.112	0.529		2005-12-13 15.55
Alk MBLK	2.573	-0.047	0.524		2005-12-13 15.55
E05801	340.792	-0.129	0.516	1+4.0	2005-12-13 15.56
E05806	167.732	-0.086	0.527	1+4.0	2005-12-13 15.56
E08401	225.653	-0.100	0.526	1+4.0	2005-12-13 15.56
E08402	168.411	-0.086	0.525	1+4.0	2005-12-13 15.56
Alk LCS	51.006	-0.108	0.521		2005-12-13 16.04
Alk MBLK	3.189	-0.048	0.523		2005-12-13 16.04
Alk LCS	50.547	-0.107	0.516		2005-12-13 16.55
Alk MBLK	3.429	-0.048	0.525		2005-12-13 16.55
D80703	27.415	-0.078	0.529		2005-12-13 16.55
D80708	80.145	-0.144	0.530		2005-12-13 16.55
E05802		-0.232	0.530		-
E05810	81.966	-0.146	0.531		2005-12-13 16.55
D93703.	-5e+004	0.510	0.519	1+120.0	2005-12-13 16.57
D89501	-5e+003	0.012	0.526	1+120.0	2005-12-13 16.57
E08403	-2e+003	0.356	0.529	1+4.0	2005-12-13 16.57
E08404	377.948	-0.138	0.528	1+4.0	2005-12-13 16.57
Alk LCS	53.174	-0.110	0.528		2005-12-13 16.57
Alk MBLK	2.126	-0.047	0.524		2005-12-13 16.57
D98010		-0.046	0.518	1+4.0	-
E02304	-962.276	0.004	0.526	1+24.0	2005-12-13 16.59
E05803	-2e+003	0.031	0.527	1+24.0	2005-12-13 16.59

Result Report AquaKem 6.5 Page: 4

STL Buffalo
Konelab 1

Date : 2005-12-13
Time : 17.54

Test Alkalinity
Unit mg/l

Sample ID:	Result	Resp.	Blank	Dilut	Date and Time
E05804	407.833	-0.064	0.528	1+24.0	2005-12-13 16.59
E05811 DUP		-0.074	0.527	1+4.0	-
B80713	219.285	-0.055	0.509	1+24.0	2005-12-13 16.59
E05802	129.089	-0.076	0.509	1+4.0	2005-12-13 17.04
D08010	2.001	-0.047	0.511		2005-12-13 17.19
E05811 DUP		-0.076	0.510	1+4.0	-
Alk LCS		-0.092	0.517		-
Alk MBLK		-0.046	0.517		-
E05811 DUP	130.290	-0.077	0.508	1+4.0	2005-12-13 17.46
Alk LCS	50.287	-0.107	0.511		2005-12-13 17.47
Alk MBLK	1.735	-0.046	0.516		2005-12-13 17.47

PARAMETER TDS METHOD 160.1 BATCH A5B9170

COMMENTS	JOB NUMBER
WC Reporting Limit < STL Quant Limit	D937, D936
WC Historical confirms within Hold Time	
WC Historical NO confirm & RE outside of HT	
WC Hold Time Exceedance-Dilution required	
WC Hold Time Exceedance-Instrument Failure	
WC Holding Time Exceedance by Date	
WC Holding Time Exceedance by Hours	
WC LCS within ERA limits outside internal	
WC LCS high recovery, sample ND	
WC MBLK hit but samples > 10X blank value	
WC RPD Exceedance for MS / SD	
WC Spike Failure HIGH MS only	
WC Spike Failure LOW MS only	
WC Spike Failure MS and SD	
WC BOD HT met- Oxygen depleted-RE out HT	
WC Carbonate Alkalinity, LCS/MBLK	
WC Reactivity Qualification	
WC TDS/Conductivity ratio outside of range	
WC TOX Breakthrough- no volume for redo	
WC TOX samples were centrifuged	
Other	

DILUTION CODES	REASON
002	Sample matrix effects
003	Excessive foaming
004	High levels of non-target compounds
008	High concentration of target analytes
009	Sample turbidity
010	Sample color
011	Insufficient volume for lower dilution
012	Sample viscosity
013	other

ICAL Compliant?	YES	NO	(NA)	IF NO, Why?
LCS/CCV Compliant?	(YES)	NO	NA	IF NO, Why?
CCB Compliant?	(YES)	NO	NA	IF NO, Why?
RPD Compliant?	(YES)	NO	NA	IF NO, Why?
ERA Compliant?	YES	NO	(NA)	IF NO, Why?

NUMBER of REANALYSIS FOR THIS BATCH: 2

Analyst YD Date 12/13/05

Time Critical Batch Review ——— Date ———

Secondary Review & Closure SM Date 12-13-05

Analyst:	KD		LCS Information:				SRM Information:		BATCH #	A5B19170	
Start Date	12/9/2005		Lot #	9-48-D			Lot #			Conductivy STD	Result
Start Time:	16:30		Prep Date:	12/8/2005			Prep Date:				
End Date:	12/12/2005		Concentration (mg/L	500			Concentration (mg/L):				
End Time:	9:15		Expiration Date:	6/8/2006			Expiration Date:				
SOP Information			LCS	True value:	500		SRM		True value		
Number:	AWC-160.1-35					Oven #3	Initial Temp	179.1	Oven #2 Initial Temp		
							Final Temp	181.4	Final Temp		
			EQL:	10.0	mg/L		Oven temperature Range= 178-182				

Job#	Sample ID	Cond	Dish	Sample (mL)	Pre-wt. (g)	# 1 Post Wt (g)	# 2 Post Wt (g)	# 3 Post Wt (g)	Dilution	Post wt-Pre wt (mg)	Final Conc. (mg/L)	% Rec.	TDS/Cond Valid Range (0.5-1.0)	
	LCS		POLE	100.0	94.4718	94.5226	94.5222		1.00	50.4	504.0	101%		
	MBLK		Q	100.0	95.5117	95.5121	95.5119		1.00	0.2	2.0			
D794	04	9550	SLIDE	15.0	97.7831	97.8355	97.8355		6.67	52.4	3493.3	Confirm	0.366	
	17	9360	CATT	15.0	94.8456	94.9031	94.9034		6.67	57.8	3853.3		0.412	DUP OK
	01	3560	THE	50.0	95.7443	95.8032	95.8033		2.00	59.0	1180.0	Confirm	0.331	
	09	6830	F	25.0	114.6851	114.7506	114.7507		4.00	65.6	2624.0	Confirm	0.384	
D812	02	318	SAND	100.0	113.7641	113.7836	113.7833		1.00	19.2	192.0	Confirm	0.604	
									#DIV/0!	0.0	#DIV/0!			
D937	01	455	MIL	100.0	95.5553	95.5830	95.5833		1.00	28.0	280.0		0.615	
	02	202	STD	100.0	114.4169	114.4315	114.4316		1.00	14.7	147.0		0.728	
	03 THICK	234	CAKE	100.0	109.9137	110.5336	110.5335		1.00	619.8	6198.0		26.487	delete
	04	199	DUDE	100.0	96.3912	96.4027	96.4025		1.00	11.3	113.0		0.568	
	05	134	CN	100.0	114.7800	114.7939	114.7935		1.00	13.5	135.0		1.007	OK
	06	94	Y	100.0	96.3714	96.3776	96.3778		1.00	6.4	64.0		0.681	
									#DIV/0!	0.0	#DIV/0!			
	08	368	FRONT	100.0	108.9116	108.9465	108.9464		1.00	34.8	348.0		0.946	

983/1004

Analyst:	KD	LCS Information:				SRM Information:				BATCH #	A5B19170	
Start Date	12/9/2005	Lot #	9-48-D			Lot #					Conductivy STD	Result
Start Time:	16:30	Prep Date:	12/8/2005			Prep Date:						
End Date:	12/12/2005	Concentration (mg/L	500			Concentration (mg/L):						
End Time:	9:15	Expiration Date:	6/8/2006			Expiration Date:						
SOP Information		LCS	True value:	500		SRM		True value				
Number:	AWC-160.1-35				Oven #3	Initial Temp	179.1	Oven #2	Initial Temp			
						Final Temp	181.4		Final Temp			
		EQL:	10.0	mg/L		Oven temperature Range= 178-182						

Job#	Sample ID	Cond	Dish	Sample	Pre-wt.	# 1 Post Wt	# 2 Post Wt	# 3 Post Wt	Dilution	Post wt-Pre wt	Final Conc.	% Rec.	TDS/Cond
				(mL)	(g)	(g)	(g)	(g)		(mg)	(mg/L)		Valid Range (0.5-1.0)
	09	206	RLON	100.0	113.7835	113.7984	113.7981		1.00	14.6	146.0		0.709
	10	216	D	100.0	108.7238	108.7362	108.7366		1.00	12.8	128.0		0.593
	11	143	STL	100.0	95.3280	95.3370	95.3370		1.00	9.0	90.0		0.629
D950	01	1570	DOC	100.0	109.5316	109.6930	109.6929		1.00	161.3	1613.0		1.027 OK
D980	01	552	I	100.0	95.7566	95.7942	95.7940		1.00	37.4	374.0		0.678
	01MD	552	DISHY	100.0	111.7952	111.8292	111.8289		1.00	33.7	337.0	RPD=10.41%	0.611
	LCS		OL	100.0	95.3990	95.4499	95.4496		1.00	50.6	506.0	101%	
	MBLK		MARC	100.0	98.1314	98.1318	98.1317		1.00	0.3	3.0		
	02	687	HOD	100.0	113.3570	113.4057	113.4058		1.00	48.8	488.0		0.710
	03	750	PP	100.0	111.0330	111.0879	111.0879		1.00	54.9	549.0		0.732
	04	606	VLD	100.0	112.9043	112.9380	112.9376		1.00	33.3	333.0		0.550
	05	704	PP	100.0	92.4570	92.5071	92.5074		1.00	50.4	504.0		0.716
	06	1124	ATE	100.0	95.7149	95.7975	95.7974		1.00	82.5	825.0		0.734
	07	774	OX	100.0	99.3266	99.3890	99.3891		1.00	62.5	625.0		0.807
	08	739	VN	100.0	94.7784	94.8256	94.8259		1.00	47.5	475.0		0.643
	09	959	MOL	100.0	97.1413	97.2186	97.2187		1.00	77.4	774.0		0.807

984/1004

Analyst:	KD		LCS Information:				SRM Information:			BATCH #	A5B19170	
Start Date	12/9/2005		Lot #	9-48-D			Lot #				Conductivy STD	Result
Start Time:	16:30		Prep Date:	12/8/2005			Prep Date:					
End Date:	12/12/2005		Concentration (mg/L	500			Concentration (mg/L):					
End Time:	9:15		Expiration Date:	6/8/2006			Expiration Date:					
SOP Information			LCS	True value:	500		SRM		True value			
Number:	AWC-160.1-35					Oven #3	Initial Temp	179.1	Oven #2	Initial Temp		
							Final Temp	181.4		Final Temp		
			EQL:	10.0	mg/L		Oven temperature Range= 178-182					

Job#	Sample ID	Cond	Dish	Sample (mL)	Pre-wt. (g)	# 1 Post Wt (g)	# 2 Post Wt (g)	# 3 Post Wt (g)	Dilution	Post wt-Pre wt (mg)	Final Conc. (mg/L)	% Rec.	TDS/Cond Valid Range (0.5-1.0)
	10	957	JK	100.0	97.4391	97.5099	97.5098		1.00	70.7	707.0		0.739
	11	1135	BN	100.0	96.2228	96.3043	96.3045		1.00	81.7	817.0		0.720
	12	996	BEER	100.0	118.9425	119.0045	119.0041		1.00	61.6	616.0		0.618
	13	1256	T	100.0	94.5996	94.7082	94.7079		1.00	108.3	1083.0		0.861
D981	01	653	DISH	100.0	95.4368	95.4787	95.4791		1.00	42.3	423.0		0.648
	02	896	WHE	100.0	94.0945	94.1702	94.1700		1.00	75.5	755.0		0.843
D929	01	143	PED	100.0	97.3181	97.3269	97.3266		1.00	8.5	85.0		0.594
	02	605	RIP	100.0	112.6731	112.7071	112.7066		1.00	33.5	335.0		0.554
	03	108	FISH	100.0	113.1008	113.1072	113.1073		1.00	6.5	65.0		0.602
	04	85	TANK	100.0	115.9727	115.9766	115.9769		1.00	4.2	42.0		0.494 OK
	05	376	GOD	100.0	97.5904	97.6145	97.6143		1.00	23.9	239.0		0.636
	05MD	376	DAWG	100.0	107.4284	107.4496	107.4494		1.00	21.0	210.0	880129176	0.559
	LCS		LOSE	100.0	95.1476	95.1967	95.1968		1.00	49.2	492.0	98%	
	MBLK		PLEA	100.0	111.5866	111.5864	111.5866		1.00	0.0	0.0		
	06	315	PERL	100.0	108.2350	108.2524	108.2525		1.00	17.5	175.0		0.556
D936	01	665	SAL	100.0	96.7943	96.8310	96.8308		1.00	36.5	365.0		0.549

985/1004

Analyst:	KD	LCS Information:				SRM Information:				BATCH #	A5B19170	
Start Date	12/9/2005	Lot #	9-48-D			Lot #					Conductivy STD	Result
Start Time:	16:30	Prep Date:	12/8/2005			Prep Date:						
End Date:	12/12/2005	Concentration (mg/L	500			Concentration (mg/L):						
End Time:	9:15	Expiration Date:	6/8/2006			Expiration Date:						
SOP Information		LCS	True value:	500		SRM		True value				
Number:	AWC-160.1-35				Oven #3	Initial Temp	179.1	Oven #2	Initial Temp			
						Final Temp	181.4		Final Temp			
		EQL:	10.0 mg/L			Oven temperature Range= 178-182						

Job#	Sample ID	Cond	Dish	Sample (mL)	Pre-wt. (g)	# 1 Post Wt (g)	# 2 Post Wt (g)	# 3 Post Wt (g)	Dilution	Post wt-Pre wt (mg)	Final Conc. (mg/L)	% Rec.	TDS/Cond Valid Range (0.5-1.0)
	02	600	PEN	100.0	96.4616	96.5002	96.5000		1.00	38.4	384.0		0.640
	03	522	HMO	100.0	111.3093	111.3426	111.3427		1.00	33.4	334.0		0.640
	04	176	NAV	100.0	112.3175	112.3275	112.3280		1.00	10.5	105.0		0.597
	05	523	RO	100.0	96.2603	96.2952	96.2956		1.00	35.3	353.0		0.675
	06	173	CU	100.0	112.1994	112.2076	112.2080		1.00	8.6	86.0		0.497
	07	126	LCM	100.0	96.1588	96.1955	96.1952		1.00	36.4	364.0		2.889
	08	106	ROY	100.0	97.1491	97.1562	97.1562		1.00	7.1	71.0		0.670
	09	70	CALT	100.0	98.1128	98.1180	98.1177		1.00	4.9	49.0		0.700
D977	03	993	BER	100.0	108.3009	108.3797	108.3802		1.00	79.3	793.0		0.799
D983	01	1013	PQX	100.0	114.8631	114.9346	114.9342		1.00	71.1	711.0		0.702
	02	1001	MAS	100.0	112.9176	112.9861	112.9860		1.00	68.4	684.0		0.683
	03	613	OOO	100.0	113.2366	113.2757	113.2753		1.00	38.7	387.0		0.631
D979	01	10090	ALQ	15.0	114.0357	114.1015	114.1012		6.67	65.5	4366.7		0.433
	02	9460	WHE	15.0	96.2078	96.2762	96.2780		6.67	70.2	4680.0		0.495
	03	9021	HIY	15.0	115.1193	115.1727	115.1728		6.67	53.5	3566.7		0.395
	04	2020	KD	100.0	93.8661	93.9716	93.9720		1.00	105.9	1059.0		0.524

OK delete

OK

Analyst:	KD		**LCS Information:**				**SRM Information:**			**BATCH #**	**A5B19170**	
Start Date	12/9/2005		Lot #	9-48-D			Lot #				Conductivy STD	Result
Start Time:	16:30		Prep Date:	12/8/2005			Prep Date:					
End Date:	12/12/2005		Concentration (mg/L	500			Concentration (mg/L):					
End Time:	9:15		Expiration Date:	6/8/2006			Expiration Date:					
SOP Information			LCS	True value:	500		SRM		True value			
Number:	AWC-160.1-35					**Oven #3**	Initial Temp	179.1	**Oven #2**	Initial Temp		
							Final Temp	181.4		Final Temp		
			EQL:	10.0 mg/L			Oven temperature Range= 178-182					

Job#	Sample ID		Dish	Sample	Pre-wt.	# 1 Post Wt	# 2 Post Wt	# 3 Post Wt	Dilution	Post wt-Pre wt	Final Conc.	% Rec.	TDS/Cond
		Cond			(g)	(g)	(g)	(g)		(mg)	(mg/L)		Valid Range
				(mL)									(0.5-1.0)
	05	7770	CPJ	25.0	110.7616	110.8358	110.8361		4.00	74.5	2980.0		0.384
	05MD	7770	KP	25.0	114.7630	114.8431	114.8429		4.00	79.9	3196.0	RPD=6.9488	0.411
	LCS		CUL	100.0	113.8268	113.8781	113.8780		1.00	51.2	512.0	102%	
	MBLK		U	100.0	94.0559	94.0558	94.0561		1.00	0.2	2.0		
	06	3820	VT	50.0	97.3323	97.3921	97.3920		2.00	59.7	1194.0		0.313
	07	3970	KB	50.0	99.8739	99.9407	99.9409		2.00	67.0	1340.0		0.338
	08	10360	USA	15.0	116.8218	116.8787	116.8786		6.67	56.8	3786.7		0.366
	09	10020	PQ	15.0	110.5962	110.6872	110.6871		6.67	90.9	6060.0		0.605
	10	9860	XPQ	15.0	113.6283	113.6960	113.6958		6.67	67.5	4500.0		0.456
	11	1354	EOO	100.0	97.5174	97.5946	97.5947		1.00	77.3	773.0		0.571
	12	1013	TAOK	100.0	97.0397	97.1028	97.1032		1.00	63.5	635.0		0.627
	13	2670	SAR	100.0	110.2521	110.4964	110.4960		1.00	243.9	2439.0		0.913
	14	5690	OLO	50.0	94.9749	95.1204	95.1208		2.00	145.9	2918.0		0.513
	14MD	5690	FLAN	50.0	113.5112	113.6560	113.6561		2.00	144.9	2898.0	RPD=0.6876	0.509
	LCS		TDD	100.0	117.4263	117.4768	117.4771		1.00	50.8	508.0	102%	
	MBLK		LIE	100.0	99.0819	99.0809	99.0811		1.00	-0.8	ND		

OK

conductance checked OK

987/1004

Laboratory Bench Sheet
Total Dissolved Solids
Revision 2 - August 2005

STL Buffalo

A5B19170

Analyst:	KD		LCS Information:					SRM Information:				BATCH #							
Start Date	12/9/2005		Lot #					Lot #									Conductivy STD	Result	
Start Time:	16.30		Prep Date:	12/8/05				Prep Date:											
End Date:			Concentration (mg/L	500				Concentration (mg/L):											
End Time:	09:15	17:45	Expiration Date:	6/8/06				Expiration Date:											
SOP Information			LCS	True value:	500			SRM		True value									
Number:	AWC-160.1-35					Oven #3		Initial Temp	179.1	Oven #2	Initial Temp								
								Final Temp	181.4		Final Temp								
			EQL:	10.0	mg/L			Oven temperature Range= 178-182											

Job#	Sample ID		Cond	Dish	Sample (mL)	Pre-wt. (g)	# 1 Post Wt (g)	# 2 Post Wt (g)	# 3 Post Wt (g)	Dilution	Post wt-Pre wt (mg)	Final Conc. (mg/L)	% Rec.	TDS/Cond Valid Range (0.5-1.0)
	LCS			Pan	100	94.4718	94.5228	94.5222		#DIV/0!	0.0	#DIV/0!	#DIV/0!	
	MBLK			Q	↓	95.5117	95.5129	95.5119		#DIV/0!	0.0	#DIV/0!		
D794	04	9550		Std	15	97.7839	97.8355	97.8355		#DIV/0!	0.0	#DIV/0!		
	17	9360		Cath	↓	94.8456	94.9031	94.9034		#DIV/0!	0.0	#DIV/0!		
	01	3.500		The	50	95.743	95.8032	95.8033		#DIV/0!	0.0	#DIV/0!		
	09	6.830		F	25	114.6857	114.7506	114.7507		#DIV/0!	0.0	#DIV/0!		
D812	02		318	Sand	100	113.7641	113.7886	113.7833		#DIV/0!	0.0	#DIV/0!		
~~D864~~	~~05FD~~			~~HF~~		108.6476				#DIV/0!	0.0	#DIV/0!		
D937	01	455		Mil	100	95.5553	95.5880	95.5833		#DIV/0!	0.0	#DIV/0!		
	02		202	STD		114.4169	114.4315	114.4316		#DIV/0!	0.0	#DIV/0!		
	03	Thick	234	Coke		109.9135	110.5336	110.5335		#DIV/0!	0.0	#DIV/0!		
	04		199	Dad		96.3912	96.4027	96.4025		#DIV/0!	0.0	#DIV/0!		
	05		134	CW		114.7806	114.7891	114.7935		#DIV/0!	0.0	#DIV/0!		
	06		94	V	↓	96.3714	96.3776	96.3778		#DIV/0!	0.0	#DIV/0!		
	~~07~~ Empty	KP		~~Pet~~		96.6911				#DIV/0!	0.0	#DIV/0!		
	08		368	Font	10	108.9116	108.9465	108.9464		#DIV/0!	0.0	#DIV/0!		

988/1004

989/1004

Laboratory Bench Sheet
Total Dissolved Solids
Revision 2 - August 2005

Analyst:	KD	LCS Information:				SRM Information:			BATCH #		
Start Date	12/9/2005	Lot #				Lot #				Conductivy STD	Result
Start Time:		Prep Date:				Prep Date:					
End Date:		Concentration (mg/L	500			Concentration (mg/L):					
End Time:		Expiration Date:				Expiration Date:					
SOP Information		LCS	True value:	500		SRM		True value			
Number:	AWC-160.1-35				Oven #1	Initial Temp		Oven #2	Initial Temp		
						Final Temp			Final Temp		
		EQL:	10.0	mg/L		Oven temperature Range= 178-182					

Job#	Sample ID	Cond	Dish	Sample (mL)	Pre-wt. (g)	# 1 Post Wt (g)	# 2 Post Wt (g)	# 3 Post Wt (g)	Dilution	Post wt-Pre wt (mg)	Final Conc. (mg/L)	% Rec.	TDS/Cond Valid Range (0.5-1.0)
	09	206	Rdr	100	113.7851	113.7984	113.7981		#DIV/0!	0.0	#DIV/0!		
	10	216	D		108.7283	108.7362	108.7366		#DIV/0!	0.0	#DIV/0!		
	11	143	STL		95.3280	95.3370	95.3370		#DIV/0!	0.0	#DIV/0!		
D950	01	570	DOC		109.5316	109.6830	109.6929		#DIV/0!	0.0	#DIV/0!		
D980	01	552	I		95.7506	95.7942	95.7940		#DIV/0!	0.0	#DIV/0!		
	01MD	552	Dchy		111.7952	111.8292	111.8289		#DIV/0!	0.0	#DIV/0!		
	LCS	—	OL		95.3990	95.4499	95.4496		#DIV/0!	0.0	#DIV/0!	#DIV/0!	
	MBLK	—	Marc		98.1314	98.1318	98.1317		#DIV/0!	0.0	#DIV/0!		
	02	687	HOD		113.3570	113.4557	113.4558		#DIV/0!	0.0	#DIV/0!		
	03	750	PP		111.0330	111.0879	111.0879		#DIV/0!	0.0	#DIV/0!		
	04	606	VLD		112.9043	112.9380	112.9376		#DIV/0!	0.0	#DIV/0!		
	05	704	P		92.4570	92.5071	92.5074		#DIV/0!	0.0	#DIV/0!		
	06	124	ate		95.7144	95.7915	95.7974		#DIV/0!	0.0	#DIV/0!		
	~~07~~ NO	774	OX		99.3526	99.3890	99.3871		#DIV/0!	0.0	#DIV/0!		
	08	739	VN		94.7184	94.8826	94.8259		#DIV/0!	0.0	#DIV/0!		
	09	959	MCL		97.1413	97.2186	97.2187		#DIV/0!	0.0	#DIV/0!		

Analyst:	KD	LCS Information:				SRM Information:				BATCH #		
Start Date	12/9/2005	Lot #				Lot #					Conductivy STD	Result
Start Time:		Prep Date:				Prep Date:						
End Date:		Concentration (mg/L	500			Concentration (mg/L):						
End Time:		Expiration Date:				Expiration Date:						
SOP Information		LCS	True value:	500		SRM		True value				
Number:	AWC-160.1-35				**Oven #1**	Initial Temp		**Oven #2**	Initial Temp			
						Final Temp			Final Temp			
		EQL:	10.0	mg/L		Oven temperature Range= 178-182						

Job#	Sample ID	Cond	Dish	Sample (mL)	Pre-wt. (g)	# 1 Post Wt (g)	# 2 Post Wt (g)	# 3 Post Wt (g)	Dilution	Post wt-Pre wt (mg)	Final Conc. (mg/L)	% Rec.	TDS/Cond Valid Range (0.5-1.0)
	10	957	JK	100	97.4391	97.5099	97.5098		#DIV/0!	0.0	#DIV/0!		
	11	1135	BV		96.2228	96.3043	96.3045		#DIV/0!	0.0	#DIV/0!		
	12	996	Beer		118.9425	119.0045	119.0081		#DIV/0!	0.0	#DIV/0!		
	13	1258	T		94.5996	94.7082	94.7079		#DIV/0!	0.0	#DIV/0!		
D981	01	1653	Dish		95.4368	95.4879	95.4791		#DIV/0!	0.0	#DIV/0!		
	02	896	Wine		94.0945	94.1702	94.1700		#DIV/0!	0.0	#DIV/0!		
D929	01	143	Red		97.3181	97.3269	97.3266		#DIV/0!	0.0	#DIV/0!		
	02	1605	RIP		112.6781	112.7071	112.7066		#DIV/0!	0.0	#DIV/0!		
	03	108	Fish		113.1008	113.1072	113.1073		#DIV/0!	0.0	#DIV/0!		
	04	85	Tank		115.9727	115.9766	115.9769		#DIV/0!	0.0	#DIV/0!		
	05	376	God		97.5904	97.6145	97.6143		#DIV/0!	0.0	#DIV/0!		
	05MD	376	Dawg		107.4282	107.4496	107.4494		#DIV/0!	0.0	#DIV/0!		
	LCS	—	Lose		95.1476	95.1967	95.1968		#DIV/0!	0.0	#DIV/0!	#DIV/0!	
	MBLK	—	Plea		111.5866	111.5864	111.5866		#DIV/0!	0.0	#DIV/0!		
	06	315	Perl		108.2536	108.2524	108.2525		#DIV/0!	0.0	#DIV/0!		
D936	01	1605	Seal		96.7945	96.8310	96.8308		#DIV/0!	0.0	#DIV/0!		

990/1004

Analyst: KD	LCS Information:				SRM Information:			BATCH #		
Start Date 12/9/2005	Lot #				Lot #				Conductivy STD	Result
Start Time:	Prep Date:				Prep Date:					
End Date:	Concentration (mg/L 500				Concentration (mg/L):					
End Time:	Expiration Date:				Expiration Date:					
SOP Information	LCS	True value:	500		SRM		True value			
Number: AWC-160.1-35				Oven #1	Initial Temp		Oven #2	Initial Temp		
					Final Temp			Final Temp		
	EQL: 10.0 mg/L				Oven temperature Range= 178-182					

Job#	Sample ID	Cond	Dish	Sample (mL)	Pre-wt (g)	# 1 Post Wt (g)	# 2 Post Wt (g)	# 3 Post Wt (g)	Dilution	Post wt-Pre wt (mg)	Final Conc. (mg/L)	% Rec.	TDS/Cond Valid Range (0.5-1.0)
	02	1000	Ren	100	96.4616	96.5002	96.5000		#DIV/0!	0.0	#DIV/0!		
	03	522	HMO		111.3093	111.3426	111.3427		#DIV/0!	0.0	#DIV/0!		
	04	196	Nav		112.3175	112.3275	112.3280		#DIV/0!	0.0	#DIV/0!		
	05	523	RO		96.2603	96.2952	96.2956		#DIV/0!	0.0	#DIV/0!		
	06	173	CU		112.194	112.2076	112.2080		#DIV/0!	0.0	#DIV/0!		
	07	126	LCM		96.1588	96.1955	96.1950		#DIV/0!	0.0	#DIV/0!		
	08	106	ROY		97.1491	97.1562	97.1562		#DIV/0!	0.0	#DIV/0!		
	09	70	Calt		98.1158	98.1180	98.1177		#DIV/0!	0.0	#DIV/0!		
D977	03	9930	BER		108.3609	108.3797	108.3802		#DIV/0!	0.0	#DIV/0!		
D983	01	613	PQX		114.8683	114.9346	114.9342		#DIV/0!	0.0	#DIV/0!		
	02	1001	MAS		112.9176	112.9861	112.9860		#DIV/0!	0.0	#DIV/0!		
	03	613	000	↓	113.2806	113.2857	113.2853		#DIV/0!	0.0	#DIV/0!		
D979	01	10,480	ALO	5	114.085	114.1015	114.1012		#DIV/0!	0.0	#DIV/0!		
	02	9,460	W		96.2078	96.2782	96.2780		#DIV/0!	0.0	#DIV/0!		
	03	9,021	HIV	↓	115.1931	115.1727	115.1728		#DIV/0!	0.0	#DIV/0!		
	04	2,020	KO	100	93.8660	93.9716	93.9720		#DIV/0!	0.0	#DIV/0!		

991/1004

Analyst:	KD	LCS Information:				SRM Information:			BATCH #		
Start Date	12/9/2005	Lot #				Lot #				Conductivy STD	Result
Start Time:		Prep Date:				Prep Date:					
End Date:		Concentration (mg/L	500			Concentration (mg/L):					
End Time:		Expiration Date:				Expiration Date:					
SOP Information		LCS	True value:	500		SRM		True value			
Number:	AWC-160.1-35				Oven #1	Initial Temp		Oven #2	Initial Temp		
						Final Temp			Final Temp		
		EQL:	10.0 mg/L			Oven temperature Range= 178-182					

Job#	Sample ID	Cond	Dish	Sample (mL)	Pre-wt (g)	# 1 Post Wt (g)	# 2 Post Wt (g)	# 3 Post Wt (g)	Dilution	Post wt-Pre wt (mg)	Final Conc. (mg/L)	% Rec.	TDS/Cond Valid Range (0.5-1.0)
	05	1770	CPJ	25	110.7616	110.8358	110.8361		#DIV/0!	0.0	#DIV/0!		
	05MD	1770	CP	↓	114.7820	114.8431	114.8429		#DIV/0!	0.0	#DIV/0!		
	LCS	—	CRL	10	113.8268	113.8781	113.8780		#DIV/0!	0.0	#DIV/0!	#DIV/0!	
	MBLK	—	U	↓	94.0559	94.0558	94.0561		#DIV/0!	0.0	#DIV/0!		
	06	3820	VT	50	97.3539	97.3921	97.3920		#DIV/0!	0.0	#DIV/0!		
	07	3970	KB	↓	99.8785	99.9467	99.9409		#DIV/0!	0.0	#DIV/0!		
	08	10360	USA	15	116.5528	116.8787	116.8786		#DIV/0!	0.0	#DIV/0!		
	09	10020	PQ	↓	110.5962	110.6872	110.6871		#DIV/0!	0.0	#DIV/0!		
	10	9800	XPQ	↓	113.6283	113.6966	113.6958		#DIV/0!	0.0	#DIV/0!		
	11	1354	EQ	10	97.5174	97.5946	97.5947		#DIV/0!	0.0	#DIV/0!		
	12	1013	Tool	↓	97.0897	97.1088	97.1032		#DIV/0!	0.0	#DIV/0!		
	13	2670	SAR	↓	110.3581	110.4964	110.4960		#DIV/0!	0.0	#DIV/0!		
	14	5690	Clo	50	94.9747	95.1204	95.1208		#DIV/0!	0.0	#DIV/0!		
	14MD	5690	Flo	↓	113.5112	113.6560	113.6561		#DIV/0!	0.0	#DIV/0!		
	LCS	—	TDD	10	117.4268	117.4768	117.4771		#DIV/0!	0.0	#DIV/0!	#DIV/0!	
	MBLK	—	Lie	↓	99.0899	99.0809	99.0811		#DIV/0!	0.0	#DIV/0!		

992/1004

WET CHEMISTRY BATCH SUMMARY

PARAMETER Hardness METHOD 130.2 BATCH A5B19226

COMMENTS	JOB NUMBER
WC Reporting Limit < STL Quant Limit	
WC Historical confirms within Hold Time	D79408
WC Historical NO confirm & RE outside of HT	
WC Hold Time Exceedance-Dilution required	
WC Hold Time Exceedance-Instrument Failure	
WC Holding Time Exceedance by Date	
WC Holding Time Exceedance by Hours	
WC LCS within ERA limits outside internal	
WC LCS high recovery, sample ND	
WC MBLK hit but samples > 10X blank value	
WC RPD Exceedance for MS / SD	
WC Spike Failure HIGH MS only	
WC Spike Failure LOW MS only	
WC Spike Failure MS and SD	
WC BOD HT met- Oxygen depleted-RE out HT	
WC Carbonate Alkalinity, LCS/MBLK	
WC Reactivity Qualification	
WC TDS/Conductivity ratio outside of range	
WC TOX Breakthrough- no volume for redo	
WC TOX samples were centrifuged	
Other	

DILUTION CODES	REASON
002	Sample matrix effects
003	Excessive foaming
004	High levels of non-target compounds
008	High concentration of target analytes
009	Sample turbidity
010	Sample color
011	Insufficient volume for lower dilution
012	Sample viscosity
013	other

ICAL Compliant?	YES	NO	(NA)	IF NO, Why?
LCS/CCV Compliant?	(YES)	NO	NA	IF NO, Why?
CCB Compliant?	(YES)	NO	NA	IF NO, Why?
RPD Compliant?	(YES)	NO	NA	IF NO, Why?
ERA Compliant?	YES	NO	(NA)	IF NO, Why?

NUMBER of REANALYSIS FOR THIS BATCH: 3

Analyst Lisa R Matock Date 12 DEC 2005

Time Critical Batch Review _____ Date _____

Secondary Review & Closure POE Date 12/12/05

WC Summary Rev 4 / 5-2005

Laboratory Bench Sheet
Total Hardness
Revision 1 February 2004

STL Buffalo

Analyst	LRM
Start Date	12/12/2005
Start Time	11:00
End Date	12/12/2005
End Time	14:00
SOP Information	
SOP	AWC-130.2-23
Reporting Limit Information (mg/L)	
RV	2.0
EQL	2.0

Standard Information		
Reagent	ID	Concentration
0.01 M CaCo3 Std	8-26-B	
3 N NH4OH	8-25-E	
Hardness Buffer	CHA-80-E	
Hardness Indicator	8-26-A	
0.01M CaCo3 SRM		
EDTA Molarity = 0.01M	CHA-103-H	

Batch	a5b19226
Standard Information	
LCS	
Standard ID	
Prep Date:	
Concentration:	100
Expiration Date:	
MS/MSD Information	
Standard ID	8-26-B
Prep Date:	5/18/2005
Concentration:	160
Expiration Date	5/18/2006

Job #	Sample ID	Sample Volume (mL)	Starting Point of Titrant on Burette	Ending Point of Titrant on Burette	EDTA Titrant (mL)	Final Conc (mg/L) (as $CaCO_3$)	Recovery %	Comments
LCS	LCS	50	0.100	5.000	4.900	98.000		98%
MBLK	MBLK	50	5.000	5.000	0.000	ND		
d686	a5d68607	25	5.000	8.000	3.000	120.000		
d686	a5d68608	25	8.000	9.500	1.500	60.000		
d964	a5d96401	10	9.500	14.000	4.500	450.000		
d964	a5d96402	10	14.000	19.000	5.000	500.000		
d843	a5d84303	25	19.000	26.000	7.000	280.000		
d860	a5d86001	10	33.900	39.500	5.600	560.000		
d794	a5d79408	10	0.100	20.400	20.300	2030.000		
d794	a5d79717	10	20.400	44.500	24.100	2410.000		rpd=24%
d794	a5d79717md	5	0.000	15.300	15.300	3060.000		rerun
d846	a5d84602	5	15.300	19.800	4.500	900.000		
LCS	LCS	25	19.800	22.400	2.600	104.000		104%
MBLK	MBLK	25	22.400	22.400	0.000	ND		
d846	a5d84602fd	5	22.400	27.300	4.900	980.000		
d846	a5d84603	5	31.800	35.600	3.800	760.000		
d846	a5d84613	5	35.600	39.500	3.900	780.000		
d846	a5d84615	25	39.500	39.500	0.000	ND		
d846	a5d84615ms	25	39.500	43.200	3.700	148.000		ms=92.5%
d848	a5d84801	5	11.400	18.400	7.000	1400.000		
d848	a5d84802	10	18.400	24.100	5.700	570.000		
d979	a5d97901	1	24.100	27.600	3.500	3500.000		
d979	a5d97902	1	27.600	31.400	3.800	3800.000		

994/1004

Laboratory Bench Sheet
Total Hardness
Revision 1 February 2004

Analyst	LRM
Start Date	12/12/2005
Start Time	11:00
End Date	12/12/2005
End Time	14:00
SOP Information	
SOP	AWC-130.2-23
Reporting Limit Information (mg/L)	
RV	2.0
EQL	2.0

Standard Information		
Reagent	ID	Concentration
0.01 M CaCo3 Std	8-26-B	
3 N NH4OH	8-25-E	
Hardness Buffer	CHA-80-E	
Hardness Indicator	8-26-A	
0.01M CaCo3 SRM		
EDTA Molarity = 0.01M	CHA-103-H	

Batch	a5b19226
Standard Information	
LCS	
Standard ID	
Prep Date:	
Concentration:	100
Expiration Date:	
MS/MSD Information	
Standard ID	8-26-B
Prep Date:	5/18/2005
Concentration:	160
Expiration Date	5/18/2006

Job #	Sample ID	Sample Volume (mL)	Starting Point of Titrant on Burette	Ending Point of Titrant on Burette	EDTA Titrant (mL)	Final Conc (mg/L) (as $CaCO_3$)	Recovery %	Comments
d979	a5d97903	2	31.400	36.700	5.300	2650.000		
LCS	LCS	25	36.700	39.300	2.600	104.000		104%
MBLK	MBLK	25	39.300	39.300	0.000	ND		
d794	a5d7408'	5	0.000	11.600	11.600	2320.000		
d794	a5d79417'	1	11.600	14.200	2.600	2600.000		rpd=7.6%
d979	a5d97908	5	14.200	22.900	8.700	1740.000		
d979	a5d97909	0.5	22.900	25.500	2.600	5200.000		
d979	a5d97910	1	25.500	29.100	3.600	3600.000		
d893	a5d89301	5	34.300	38.400	4.100	820.000		
d893	a5d89302	5	38.400	41.900	3.500	700.000		
d893	a5d89303	5	41.900	44.100	2.200	440.000		
d979	a5d97913	5	17.500	24.000	6.500	1300.000		
LCS	LCS	25	24.000	26.500	2.500	100.000		100%
MBLK	MBLK	25	26.500	26.500	0.000	ND		
					0.000	#DIV/0!		
					0.000	#DIV/0!		
					0.000	#DIV/0!		
					0.000	#DIV/0!		
					0.000	#DIV/0!		
					0.000	#DIV/0!		
					0.000	#DIV/0!		
					0.000	#DIV/0!		
					0.000	#DIV/0!		

995/1004

Laboratory Bench Sheet
Total Hardness
Revision 1 February 2004

STL Buffalo

Analyst	
Start Date	
Start Time	
End Date	
End Time	
SOP Information	
SOP	AWC-130.2-23
Reporting Limit Information (mg/L)	
RV	2.0
EQL	2.0

Standard Information			
Reagent	**ID**	**Concentration**	
0.01 M CaCo3 Std	8-26-B		
3 N NH4OH	8-25-E		
Hardness Buffer	CHA-80-E		
Hardness Indicator	8-26-A		
0.01M CaCo3 SRM			
EDTA Molarity = 0.01M	CHA-103-H		

Batch	A5B19226
Standard Information	
LCS	
Standard ID	
Prep Date:	
Concentration:	
Expiration Date:	
MS/MSD Information	
Standard ID	8-26-B
Prep Date:	5/18/2005
Concentration:	160
Expiration Date	5/18/2006

Job #	Sample ID	Sample Volume (mL)	Starting Point of Titrant on Burette	Ending Point of Titrant on Burette	EDTA Titrant (mL)	Final Conc (mg/L) (as $CaCO_3$)	Recovery %	Comments
LCS	LCS	~~50~~ 25	0.1	5.0	0.000	ND		
MBLK	MBLK	↓ 25	5.0	5.0	0.000	ND		
D1686	A5D168607	25	5.0	8.0	0.000	#DIV/0!		
↓	08	25	8.0	9.5	0.000	#DIV/0!		
D964	A5D96401	10	9.5	14.0	0.000	#DIV/0!		
↓	02	10	14.0	19.0	0.000	#DIV/0!		
D843	A5D84303	25	19.0	26.0	0.000	#DIV/0!		
D860	A5D86001	10	33.9 ~~26.0~~	39.5	0.000	#DIV/0!		
D794	08	10	0.1	20.4	0.000	#DIV/0!		
↓	17	10	20.4	44.5	0.000	#DIV/0!		
↓	N.D	5	40.0	15.3	0.000	#DIV/0!		
D846	02	5	15.3	19.8	0.000	#DIV/0!		
LCS	LCS	25	19.8	22.4	0.000	ND		
MBLK	MBLK	25	22.4	22.4	0.000	ND		
D846	02FD	5	22.4	27.3	0.000	#DIV/0!		
↓	03	5	31.8	35.6	0.000	#DIV/0!		
↓	13	5	35.6	39.5	0.000	#DIV/0!		
↓	15	25	39.5	39.5	0.000	#DIV/0!		
↓	15MS	↓	39.5	43.2	0.000	#DIV/0!		
848	01	5	11.4	18.4	0.000	#DIV/0!		
↓	02	10	18.4	24.1	0.000	#DIV/0!		
979	01	1	24.1	27.6	0.000	#DIV/0!		
↓	02	1	27.6	31.4	0.000	#DIV/0!		

Analyst							**Batch**	
Start Date			**Standard Information**					
Start Time			**Reagent**		**ID**	**Concentration**	**Standard Information**	
End Date			0.01 M CaCo3 Std		8-26-B		**LCS**	
End Time			3 N NH4OH		8-25-E		Standard ID	
SOP Information			Hardness Buffer		CHA-80-E		Prep Date:	
SOP	AWC-130.2-23		Hardness Indicator		8-26-A		Concentration:	
			0.01M CaCo3 SRM				Expiration Date:	
			EDTA Molarity = 0.01M		CHA-103-H			
Reporting Limit Information (mg/L)							**MS/MSD Information**	
							Standard ID	8-26-B
RV	2.0						Prep Date:	5/18/2005
EQL	2.0						Concentration:	160
							Expiration Date	5/18/2006

Job #	Sample ID	Sample Volume (mL)	Starting Point of Titrant on Burette	Ending Point of Titrant on Burette	EDTA Titrant (mL)	Final Conc (mg/L) (as $CaCO_3$)	Recovery %	Comments
D979	03	2	31.4	36.7	0.000	#DIV/0!		
LCS	LCS	25	36.7	39.3	0.000	ND		
MBLK	MBLK	25	39.3	39.3	0.000	ND		
D794	08	5	0.0	11.6	0.000	#DIV/0!		
↓	17	1	11.6	14.2	0.000	#DIV/0!		
D979	08	5	14.2	22.9	0.000	#DIV/0!		
↓	09	5	22.9	25.5	0.000	#DIV/0!		
↓	10	1	25.5	29.1	0.000	#DIV/0!		
D893	01	5	~~29.1~~ 34.3	38.4	0.000	#DIV/0!		
↓	02	5	38.4	41.9	0.000	#DIV/0!		
↓	03	3	41.9	44.1	0.000	#DIV/0!		
D979	13	5	~~44.1~~ 17.5	24.0	0.000	#DIV/0!		
LCS	LCS	25	24.0	26.5	0.000	ND		
MBLK	MBLK	25	26.5	26.5	0.000	ND		
					0.000	#DIV/0!		
					0.000	#DIV/0!		
					0.000	#DIV/0!		
					0.000	#DIV/0!		
					0.000	#DIV/0!		
					0.000	#DIV/0!		
					0.000	#DIV/0!		
					0.000	#DIV/0!		
					0.000	#DIV/0!		

997/1004

WET CHEMISTRY BATCH SUMMARY

PARAMETER TSS METHOD 160.2 BATCH A5B19169

COMMENTS	JOB NUMBER
WC Reporting Limit < STL Quant Limit	D937
WC Historical confirms within Hold Time	D870, D873
WC Historical NO confirm & RE outside of HT	
WC Hold Time Exceedance-Dilution required	
WC Hold Time Exceedance-Instrument Failure	
WC Holding Time Exceedance by Date	
WC Holding Time Exceedance by Hours	
WC LCS within ERA limits outside internal	
WC LCS high recovery, sample ND	
WC MBLK hit but samples > 10X blank value	
WC RPD Exceedance for MS / SD	
WC Spike Failure HIGH MS only	
WC Spike Failure LOW MS only	
WC Spike Failure MS and SD	
WC BOD HT met- Oxygen depleted-RE out HT	
WC Carbonate Alkalinity, LCS/MBLK	
WC Reactivity Qualification	
WC TDS/Conductivity ratio outside of range	
WC TOX Breakthrough- no volume for redo	
WC TOX samples were centrifuged	
Other	

DILUTION CODES	REASON
002	Sample matrix effects
003	Excessive foaming
004	High levels of non-target compounds
008	High concentration of target analytes
009	Sample turbidity
010	Sample color
011	Insufficient volume for lower dilution
012	Sample viscosity
013	other

ICAL Compliant?	YES	NO	(NA)	IF NO, Why?
LCS/CCV Compliant?	(YES)	NO	NA	IF NO, Why?
CCB Compliant?	(YES)	NO	NA	IF NO, Why?
RPD Compliant?	(YES)	NO	NA	IF NO, Why?
ERA Compliant?	YES	NO	(NA)	IF NO, Why?

NUMBER of REANALYSIS FOR THIS BATCH: 1

Analyst KD Date 12/9/05

Time Critical Batch Review ——— Date ———

Secondary Review & Closure SM Date 12-9-05

WC Summary Rev 4 / 5-2005

Laboratory Bench Sheet
Total Suspended Solids
Revision 2 - August 2005

STL Buffalo

Analyst:	KD		**LCS Information:**				**SRM Information:**			**BATCH #**	**A5B19169**	
Start Date	12/9/2005		Lot #	sand			Lot #			sand		
Start Time:	13:30		Prep Date:				Prep Date:					
End Date:	12/9/2005		Concentration (mg/L)				Concentration (mg/L):					
End Time:	15:00		Expiration Date:				Expiration Date:					
SOP Information			LCS	True value:			SRM		True value			
Number:	AWC-160.2-36					**Oven #3**	Initial Temp		**Oven # 4**	Initial Temp	**105.00000**	
			RV:				Final Temp			Final Temp	**105.00000**	
			EQL:	4.0	mg/L		Oven Temperature Range= 103-105					

Job#	Sample ID	CCV	Dish	Sample	Pre-wt.	# 1 Post Wt	# 2 Post Wt	# 3 Post Wt	Dilution	Post wt-Pre wt	Final Conc.	% Rec.
		True		Amount	(g)	(g)	(g)	(g)		(mg)	(mg/L)	
		Value		(mL)								
	LCS	698	1	100.0	2.6964	2.7635	2.7635		10.00	67.1	671.0	96%
	MBLK		2	1000.0	2.6746	2.6742	2.6744		1.00	-0.2	ND	
			3						#DIV/0!	0.0	#DIV/0!	
D870	01		4	100.0	2.6621	2.6671	2.6673		10.00	5.2	52.0 confirm	
D873	01		5	100.0	2.6775	2.6784	2.6787		10.00	1.2	12.0 confirm	
D905	04		6	100.0	2.7013	2.7022	2.7023		10.00	1.0	10.0	
D906	01		7	100.0	2.6966	2.6971	2.6970		10.00	0.4	4.0	
	02		8	100.0	2.6845	2.6844	2.6842		10.00	-0.3	ND	
	03		9	100.0	2.6943	2.6953	2.6950		10.00	0.7	7.0	
D912	01		10	25.0	2.6864	2.7079	2.7078		40.00	21.4	856.0	
	02		11	50.0	2.7048	2.7114	2.7112		20.00	6.4	128.0	
D928	01		12	100.0	2.6779	2.6796	2.6796		10.00	1.7	17.0	
	02		13	100.0	2.6960	2.7015	2.7015		10.00	5.5	55.0	
	03		14	100.0	2.6890	2.6899	2.6897		10.00	0.7	7.0	
	04		15	100.0	2.7025	2.7021	2.7023		10.00	-0.2	ND	
D931	01		16	100.0	2.7014	2.7014	2.7014		10.00	0.0	0.0	

999/1004

Laboratory Bench Sheet
Total Suspended Solids
Revision 2 - August 2005

STL Buffalo

Analyst:	KD		**LCS Information:**				**SRM Information:**			**BATCH #**		**A5B19169**
Start Date	12/9/2005		Lot #	sand			Lot #			sand		
Start Time:	13:30		Prep Date:				Prep Date:					
End Date:	12/9/2005		Concentration (mg/L)				Concentration (mg/L):					
End Time:	15:00		Expiration Date:				Expiration Date:					
SOP Information			LCS	True value:			SRM		True value			
Number:	AWC-160.2-36					**Oven #3**	Initial Temp		**Oven # 4**	Initial Temp		**105.00000**
			RV:				Final Temp			Final Temp		**105.00000**
			EQL:	4.0 mg/L			Oven Temperature Range= 103-105					

Job#	Sample ID	CCV	Dish	Sample	Pre-wt.	# 1 Post Wt	# 2 Post Wt	# 3 Post Wt	Dilution	Post wt-Pre wt	Final Conc.	% Rec.
		True		Amount	(g)	(g)	(g)	(g)		(mg)	(mg/L)	
		Value		(mL)								
D937	01		17	100.0	2.6908	2.6898	2.6898		10.00	-1.0	ND	
	02		18	100.0	2.7027	2.7029	2.7028		10.00	0.1	1.0	
	03		19	100.0	2.6776	2.7054	2.7055		10.00	27.9	279.0	
	04		20	100.0	2.7100	2.7100	2.7100		10.00	0.0	0.0	
	05		21	100.0	2.6833	2.6835	2.6834		10.00	0.1	1.0	
	05FD		22	100.0	2.6906	2.6899	2.6898		10.00	-0.8	ND RPD= 0%	
	LCS	725	23	100.0	2.6786	2.7468	2.7466		10.00	68.0	680.0	94%
	MBLK		24	100.0	2.6929	2.6929	2.6929		10.00	0.0	0.0	
	06		25	100.0	2.6796	2.6794	2.6796		10.00	0.0	0.0	
			26						#DIV/0!	0.0	#DIV/0!	
	08		27	100.0	2.6970	2.6969	2.6968		10.00	-0.2	ND	
	09		28	100.0	2.6851	2.6851	2.6852		10.00	0.1	1.0	
	10		29	100.0	2.6846	2.6846	2.6846		10.00	0.0	0.0	
	11		30	100.0	2.7004	2.6999	2.7002		10.00	-0.2	ND	
D899	01		31	100.0	2.6776	2.6783	2.6786		10.00	1.0	10.0	
	02		32	100.0	2.7257	2.7338	2.7338		10.00	8.1	81.0	

1000/1004

Laboratory Bench Sheet
Total Suspended Solids
Revision 2 - August 2005

Analyst:	KD		**LCS Information:**					**SRM Information:**			**BATCH #**	**A5B19169**
Start Date	12/9/2005		Lot #		sand			Lot #				sand
Start Time:	13:30		Prep Date:					Prep Date:				
End Date:	12/9/2005		Concentration (mg/L)					Concentration (mg/L):				
End Time:	15:00		Expiration Date:					Expiration Date:				
SOP Information			LCS	True value:				SRM		True value		
Number:	AWC-160.2-36						**Oven #3**	Initial Temp		**Oven # 4**	Initial Temp	**105.00000**
			RV:					Final Temp			Final Temp	**105.00000**
			EQL:	4.0	mg/L			Oven Temperature Range= 103-105				

Job#	Sample ID	CCV True Value	Dish	Sample Amount (mL)	Pre-wt. (g)	# 1 Post Wt (g)	# 2 Post Wt (g)	# 3 Post Wt (g)	Dilution	Post wt-Pre wt (mg)	Final Conc. (mg/L)	% Rec.
D907	01		33	100.0	2.7286	2.7283	2.7286		10.00	0.0	0.0	
D957	01		34	100.0	2.7019	2.7040	2.7042		10.00	2.3	23.0	
	02		35	100.0	2.6962	2.7044	2.7046		10.00	8.4	84.0	
	03		36	100.0	2.6996	2.7646	2.7643		10.00	64.7	647.0	
D965	01 cancelled		37	100.0	2.6961	2.6953	2.6953		10.00	-0.8	ND	
	02		38	100.0	2.6718	2.6739	2.6740		10.00	2.2	22.0	
D973	01		39	25.0	2.6996	2.7234	2.7235		40.00	23.9	956.0	
D977	03		40	100.0	2.6738	2.6764	2.6764		10.00	2.6	26.0	
D983	01		41	100.0	2.7296	2.7370	2.7374		10.00	7.8	78.0	
	02		42	100.0	2.7356	2.7431	2.7431		10.00	7.5	75.0	
	03		43	100.0	2.7004	2.7100	2.7102		10.00	9.8	98.0	
	03MD		44	100.0	2.6771	2.6865	2.6863		10.00	9.2	92.0 RPD=6.3158%	
	LCS	521	45	100.0	2.7274	2.7786	2.7786		10.00	51.2	512.0	98%
	MBLK		46	100.0	2.7079	2.7069	2.7068		10.00	-1.1	ND	
			47						#DIV/0!	0.0	#DIV/0!	
			48						#DIV/0!	0.0	#DIV/0!	

1001/1004

Laboratory Bench Sheet
Total Suspended Solids
Revision 2 - August 2005

STL Buffalo

A5B19169

Analyst:	KD		**LCS Information:**				**SRM Information:**			**BATCH #**		
Start Date	12/9/2005		Lot #	sand			Lot #		sand			
Start Time:	13:30		Prep Date:				Prep Date:					
End Date:	12/9/05		Concentration (mg/L)				Concentration (mg/L):					
End Time:	15:00		Expiration Date:				Expiration Date:					
SOP Information			LCS	True value:			SRM		True value			
Number:	AWC-160.2-36					**Oven #3**	Initial Temp		**Oven #** 4	Initial Temp 105		
			RV:				Final Temp			Final Temp 105		
			EQL:	4.0 mg/L			Oven Temperature Range= 103-105					

Job#	Sample ID	CCV True Value	Dish	Sample Amount (mL)	Pre-wt. (g)	# 1 Post Wt (g)	# 2 Post Wt (g)	# 3 Post Wt (g)	Dilution	Post wt-Pre wt (mg)	Final Conc. (mg/L)	% Rec.
	LCS	698	1	100	2.6964	2.7685	2.7685		#DIV/0!	0.0	#DIV/0!	#DIV/0!
	MBLK		2	100	2.6746	2.6742	2.6744		#DIV/0!	0.0	#DIV/0!	
~~D864~~	~~05FD~~		3		~~2.6750~~				#DIV/0!	0.0	#DIV/0!	
D870	01		4	100	2.6621	2.6611	2.6673		#DIV/0!	0.0	#DIV/0!	
D873	01		5		2.6775	2.6784	2.6787		#DIV/0!	0.0	#DIV/0!	
D905	04		6		2.7013	2.7028	2.7023		#DIV/0!	0.0	#DIV/0!	
D906	01		7		2.6966	2.6971	2.6970		#DIV/0!	0.0	#DIV/0!	
	02		8		2.6845	2.6841	2.6842		#DIV/0!	0.0	#DIV/0!	
	03		9		2.6948	2.6953	2.6950		#DIV/0!	0.0	#DIV/0!	
D912	01		10	25	2.6864	2.7079	2.7078		#DIV/0!	0.0	#DIV/0!	
	02		11	50	2.7048	2.7114	2.7112		#DIV/0!	0.0	#DIV/0!	
D928	01		12	100	2.6779	2.6796	2.6796		#DIV/0!	0.0	#DIV/0!	
	02		13		2.6960	2.7015	2.7015		#DIV/0!	0.0	#DIV/0!	
	03		14		2.6890	2.6899	2.6897		#DIV/0!	0.0	#DIV/0!	
	04		15		2.7025	2.7021	2.7023		#DIV/0!	0.0	#DIV/0!	
D931	01		16		2.7014	2.7014	2.7014		#DIV/0!	0.0	#DIV/0!	

1002/1004

Laboratory Bench Sheet
Total Suspended Solids
Revision 2 - August 2005

STL Buffalo

Analyst: KD			LCS Information:					SRM Information:			BATCH #	
Start Date 12/9/2005			Lot # sand					Lot # sand				
Start Time:			Prep Date:					Prep Date:				
End Date:			Concentration (mg/L)					Concentration (mg/L):				
End Time:			Expiration Date:					Expiration Date:				
SOP Information			LCS	True value:				SRM		True value		
Number: AWC-160.2-36						Oven #3		Initial Temp		Oven #	Initial Temp	
			RV:					Final Temp			Final Temp	
			EQL: 4.0 mg/L					Oven Temperature Range= 103-105				

Job#	Sample ID	CCV True Value	Dish	Sample Amount (mL)	Pre-wt. (g)	# 1 Post Wt (g)	# 2 Post Wt (g)	# 3 Post Wt (g)	Dilution	Post wt-Pre wt (mg)	Final Conc. (mg/L)	% Rec.
D937	01		17	100	2.6908	2.6899	2.6898		#DIV/0!	0.0	#DIV/0!	
	02		18		2.7027	2.7029	2.7028		#DIV/0!	0.0	#DIV/0!	
	03		19		2.6776	2.7054	2.7055		#DIV/0!	0.0	#DIV/0!	
	04		20		2.7100	2.7100	2.7100		#DIV/0!	0.0	#DIV/0!	
	05		21		2.6833	2.6835	2.6834		#DIV/0!	0.0	#DIV/0!	
	05FD		22		2.6906	2.6899	2.6898		#DIV/0!	0.0	#DIV/0!	
	LCS	725	23		2.6786	2.7468	2.7466		#DIV/0!	0.0	#DIV/0!	#DIV/0!
	MBLK		24	100	2.6929	2.6929	2.6929		#DIV/0!	0.0	#DIV/0!	
	06		25	100	2.6796	2.6794	2.6796		#DIV/0!	0.0	#DIV/0!	
	~~07~~ KP 12/9/05		26		~~2.6849~~				#DIV/0!	0.0	#DIV/0!	
	08		27	100	2.6970	2.6969	2.6968		#DIV/0!	0.0	#DIV/0!	
	09		28		2.6851	2.6851	2.6852		#DIV/0!	0.0	#DIV/0!	
	10		29		2.6846	2.6846	2.6846		#DIV/0!	0.0	#DIV/0!	
	11		30		2.7004	2.6999	2.7002		#DIV/0!	0.0	#DIV/0!	
D899	01		31		2.6776	2.6783	2.6786		#DIV/0!	0.0	#DIV/0!	
	02		32		2.7257	2.7338	2.7338		#DIV/0!	0.0	#DIV/0!	

1003/1004

Analyst:	KD		**LCS Information:**				**SRM Information:**			**BATCH #**		
Start Date	12/9/2005		Lot #	sand			Lot #			sand		
Start Time:			Prep Date:				Prep Date:					
End Date:			Concentration (mg/L)				Concentration (mg/L):					
End Time:			Expiration Date:				Expiration Date:					
SOP Information			LCS	True value:			SRM		True value			
Number:	AWC-160.2-36					**Oven #3**	Initial Temp		**Oven #**	Initial Temp		
			RV:				Final Temp			Final Temp		
			EQL:	4.0 mg/L			Oven Temperature Range= 103-105					

Job#	Sample ID	CCV	Dish	Sample	Pre-wt.	# 1 Post Wt	# 2 Post Wt	# 3 Post Wt	Dilution	Post wt-Pre wt	Final Conc.	% Rec.
		True		Amount	(g)	(g)	(g)	(g)		(mg)	(mg/L)	
		Value		(mL)								
D907	01		33	100	2.7286	2.7283	2.7286		#DIV/0!	0.0	#DIV/0!	
D957	01		34		2.7019	2.7040	2.7042		#DIV/0!	0.0	#DIV/0!	
	02		35		2.6962	2.7044	2.7046		#DIV/0!	0.0	#DIV/0!	
	03		36		2.6996	2.7646	2.7643		#DIV/0!	0.0	#DIV/0!	
D965	01		37		2.6961	2.6953	2.6953		#DIV/0!	0.0	#DIV/0!	
	02		38		2.6718	2.6739	2.6740		#DIV/0!	0.0	#DIV/0!	
D973	01		39	25	2.6996	2.7284	2.7285		#DIV/0!	0.0	#DIV/0!	
D977	03		40	100	2.6738	2.6761	2.6764		#DIV/0!	0.0	#DIV/0!	
D983	01		41		2.7296	2.7870	2.7374		#DIV/0!	0.0	#DIV/0!	
	02		42		2.7356	2.7431	2.7431		#DIV/0!	0.0	#DIV/0!	
	03		43		2.7004	2.7100	2.7102		#DIV/0!	0.0	#DIV/0!	
	03MD		44		2.6771	2.6805	2.6863		#DIV/0!	0.0	#DIV/0!	
	LCS	521	45		2.7214	2.7786	2.7786		#DIV/0!	0.0	#DIV/0!	#DIV/0!
	MBLK		46	100	2.7079	2.7069	2.7068		#DIV/0!	0.0	#DIV/0!	
			47						#DIV/0!	0.0	#DIV/0!	
			48						#DIV/0!	0.0	#DIV/0!	

1004/1004

ANALYTICAL REPORT

Job#: A05-D985

STL Project#: NY5A9393.3
Site Name: Ecology and Environment NYSDEC Standby
Task: Moreau Dredge Spoils Site-000699.NV22.02

Mr. Gene Florentino
Ecology and Environment
368 Pleasant View Drive
Lancaster, NY 14086

STL Buffalo

Anthony E. Bogolin
Project Manager

12/29/2005

STL Buffalo
Current Certifications

As of 11/29/2005

STATE	Program	Cert # / Lab ID
AFCEE	AFCEE	
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP CWA, RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
Tennessee	SDWA	02970
USACE	USACE	
USDA	FOREIGN SOIL PERMIT	S-41579
Virginia	SDWA	278
Washington	CWA,RCRA	C254
West Virginia	CWA,RCRA	252
Wisconsin	CWA	998310390

Sample Data Summary Package

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A5D98501	NM-MW02-W-0-1205	WATER	12/06/2005	12:06	12/08/2005	16:00
A5D98502	NM-MW03-W-0-1205	WATER	12/06/2005	13:37	12/08/2005	16:00
A5D98503	NM-MW04-W-0-1205	WATER	12/06/2005	14:51	12/08/2005	16:00
A5D98504	NM-MW05-W-0-1205	WATER	12/06/2005	15:36	12/08/2005	16:00
A5D98505	NM-MW06-W-0-1205	WATER	12/06/2005	16:18	12/08/2005	16:00

METHODS SUMMARY

Job#: A05-D985

STL Project#: NY5A9393.3
Site Name: Ecology and Environment NYSDEC Standby

PARAMETER	ANALYTICAL METHOD
METHOD 8082 - POLYCHLORINATED BIPHENYLS	SW8463 8082
Aluminum - Total	SW8463 6010
Antimony - Total	SW8463 6010
Arsenic - Total	SW8463 6010
Barium - Total	SW8463 6010
Beryllium - Total	SW8463 6010
Cadmium - Total	SW8463 6010
Calcium - Total	SW8463 6010
Chromium - Total	SW8463 6010
Cobalt - Total	SW8463 6010
Copper - Total	SW8463 6010
Iron - Total	SW8463 6010
Lead - Total	SW8463 6010
Magnesium - Total	SW8463 6010
Manganese - Total	SW8463 6010
Mercury - Total	SW8463 7470
Nickel - Total	SW8463 6010
Potassium - Total	SW8463 6010
Selenium - Total	SW8463 6010
Silver - Total	SW8463 6010
Sodium - Total	SW8463 6010
Thallium - Total	SW8463 6010
Vanadium - Total	SW8463 6010
Zinc - Total	SW8463 6010

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

NON-CONFORMANCE SUMMARY

Job#: A05-D985

STL Project#: NY5A9393.3
Site Name: Ecology and Environment NYSDEC Standby

General Comments

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

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

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

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

Sample Receipt Comments

A05-D985
Sample Cooler(s) were received at the following temperature(s); 4@2.0 °C
All samples were received in good condition.

GC Extractable Data

For Method 8082, samples NM-MW05-W-0-1205, NM-MW06-W-0-1205, the Method Blank and Matrix Spike Blank had Decachlorbiphenyl surrogate recoveries below project control limits, but within laboratory limits. Tetrachloro-m-xylene recoveries were acceptable.

Metals Data

The analyte Beryllium was detected in the Method Blank and several CCB's at a level above the project established reporting limit. The requested reporting limit for Beryllium is below STL's standard reporting limit and, therefore, no corrective action has been taken for any anomalous detections. It must be noted that results reported below STL's standard reporting limit may result in false positive/false negative results, less accurate quantitation and potential misidentification at the lower concentrations.

****

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

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION
AND
ANALYTICAL REQUEST SUMMARY

LAB NAME: SEVERN TRENT LABORATORIES, INC.

CUSTOMER SAMPLE ID	LABORATORY SAMPLE ID	ANALYTICAL REQUIREMENTS						
		VOA GC/MS	BNA GC/MS	VOA GC	PEST PCB	METALS	TCLP HERB	WATER QUALITY
NM-MW02-W-0-1205	A5D98501	-	-	-	SW8463	SW8463	-	-
NM-MW03-W-0-1205	A5D98502	-	-	-	SW8463	SW8463	-	-
NM-MW04-W-0-1205	A5D98503	-	-	-	SW8463	SW8463	-	-
NM-MW05-W-0-1205	A5D98504	-	-	-	SW8463	SW8463	-	-
NM-MW06-W-0-1205	A5D98505	-	-	-	SW8463	SW8463	-	-

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
PESTICIDE/PCB ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
NM-MW02-W-0-1205	WATER	12/06/2005	12/08/2005	12/09/2005	12/14/2005
NM-MW03-W-0-1205	WATER	12/06/2005	12/08/2005	12/09/2005	12/14/2005
NM-MW04-W-0-1205	WATER	12/06/2005	12/08/2005	12/09/2005	12/14/2005
NM-MW05-W-0-1205	WATER	12/06/2005	12/08/2005	12/09/2005	12/14/2005
NM-MW06-W-0-1205	WATER	12/06/2005	12/08/2005	12/09/2005	12/14/2005

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYTICAL SUMMARY
INORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	METALS REQUESTED	DATE RECEIVED AT LAB	DATE DIGESTED	DATE ANALYZED
NM-MW02-W-0-1205	WATER	TAL M W	12/08/2005	12/09-12/13/2005	12/09-12/14/2005
NM-MW03-W-0-1205	WATER	TAL M W	12/08/2005	12/09-12/13/2005	12/09-12/14/2005
NM-MW04-W-0-1205	WATER	TAL M W	12/08/2005	12/09-12/13/2005	12/09-12/14/2005
NM-MW05-W-0-1205	WATER	TAL M W	12/08/2005	12/09-12/13/2005	12/09-12/14/2005
NM-MW06-W-0-1205	WATER	TAL M W	12/08/2005	12/09-12/13/2005	12/09-12/14/2005

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
ORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILIARY CLEAN UP	DIL/CONC FACTOR
NM-MW02-W-0-1205	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MW03-W-0-1205	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MW04-W-0-1205	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MW05-W-0-1205	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MW06-W-0-1205	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

LABORATORY SAMPLE CODE	MATRIX	ANALYTICAL PROTOCOL	DIGESTION PROCEDURE	MATRIX MODIFIER	DIL/CONC FACTOR
NM-MW02-W-0-1205	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MW03-W-0-1205	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MW04-W-0-1205	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MW05-W-0-1205	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MW06-W-0-1205	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED

STL

DATA QUALIFIER PAGE

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

ORGANIC DATA QUALIFIERS

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

INORGANIC DATA QUALIFIERS

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

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW02-W-0-1205

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5D98501

Sample wt/vol: 990.00 (g/mL) ML Lab File ID: 19B39188.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 12/06/2005 12/08/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 12/09/2005

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/14/2005

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.50	U
11104-28-2	Aroclor 1221	0.50	U
11141-16-5	Aroclor 1232	0.50	U
53469-21-9	Aroclor 1242	0.50	U
12672-29-6	Aroclor 1248	0.50	U
11097-69-1	Aroclor 1254	0.50	U
11096-82-5	Aroclor 1260	0.50	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW03-W-0-1205

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5D98502

Sample wt/vol: 1035.00 (g/mL) ML Lab File ID: 19B39189.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 12/06/2005 12/08/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 12/09/2005

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/14/2005

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW04-W-0-1205

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5D98503

Sample wt/vol: 1025.00 (g/mL) ML Lab File ID: 19B39190.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 12/06/2005 12/08/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 12/09/2005

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/14/2005

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.49	U
11104-28-2	Aroclor 1221	0.49	U
11141-16-5	Aroclor 1232	0.49	U
53469-21-9	Aroclor 1242	0.49	U
12672-29-6	Aroclor 1248	0.49	U
11097-69-1	Aroclor 1254	0.49	U
11096-82-5	Aroclor 1260	0.49	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW05-W-0-1205

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5D98504

Sample wt/vol: 1060.00 (g/mL) ML Lab File ID: 19B39191.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 12/06/2005 12/08/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 12/09/2005

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/14/2005

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.47	U
11104-28-2	Aroclor 1221	0.47	U
11141-16-5	Aroclor 1232	0.47	U
53469-21-9	Aroclor 1242	0.47	U
12672-29-6	Aroclor 1248	0.47	U
11097-69-1	Aroclor 1254	0.47	U
11096-82-5	Aroclor 1260	0.47	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW06-W-0-1205

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5D98505

Sample wt/vol: 1040.00 (g/mL) ML Lab File ID: 19B39192.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 12/06/2005 12/08/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 12/09/2005

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/14/2005

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW02-W-0-1205

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A05-D985

Matrix (soil/water): WATER Lab Sample ID: AD570885

Level (low/med): LOW Date Received: 12/8/2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	483			P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	70.8			P
7440-41-7	Beryllium	0.45			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	103000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	5.8			P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	73100			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	22800			P
7439-96-5	Manganese	2270			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	2560			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	16100			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	20.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW03-W-0-1205

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A05-D985

Matrix (soil/water): WATER Lab Sample ID: AD570886

Level (low/med): LOW Date Received: 12/8/2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	11.4			P
7440-41-7	Beryllium	0.33			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	72300			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	6.3			P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	80200			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	18600			P
7439-96-5	Manganese	2190			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	500	U		P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	12400			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	20.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW04-W-0-1205

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A05-D985

Matrix (soil/water): WATER Lab Sample ID: AD570887

Level (low/med): LOW Date Received: 12/8/2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	509			P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	19.6			P
7440-39-3	Barium	115			P
7440-41-7	Beryllium	0.39			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	59500			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	7.8			P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	136000			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	12000			P
7439-96-5	Manganese	2430			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	2030			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	5980			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	20.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW05-W-0-1205

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A05-D985

Matrix (soil/water): WATER Lab Sample ID: AD570890

Level (low/med): LOW Date Received: 12/8/2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1630			P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	128			P
7440-41-7	Beryllium	0.35			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	94800			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	5.3			P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	21100			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	19800			P
7439-96-5	Manganese	2250			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	1190			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	25000			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	20.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment. Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW06-W-0-1205

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A05-D985

Matrix (soil/water): WATER Lab Sample ID: AD570891

Level (low/med): LOW Date Received: 12/8/2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1040			P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	103			P
7440-41-7	Beryllium	0.38			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	63400			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	8950			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	14900			P
7439-96-5	Manganese	765			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	1180			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	66100			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	20.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

METHOD 8082 - POLYCHLORINATED BIPHENYLS
WATER SURROGATE RECOVERY

Lab Name: STL Buffalo Contract: _____

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

GC Column(1): ZB-5 ID: 0.53 (mm)

	Client Sample ID	Lab Sample ID	DCBP %REC	#	TCMX %REC	#							TOT OUT
1	Matrix Spike Blank	A5B1914301	50	*	70								1
2	Method Blank	A5B1914302	42	*	82								1
3	NM-MW02-W-0-1205	A5D98501	71		79								0
4	NM-MW03-W-0-1205	A5D98502	70		77								0
5	NM-MW04-W-0-1205	A5D98503	72		76								0
6	NM-MW05-W-0-1205	A5D98504	60	*	78								1
7	NM-MW06-W-0-1205	A5D98505	56	*	72								1

QC LIMITS

(DCBP) = Decachlorobiphenyl (70-130)
(TCMX) = Tetrachloro-m-xylene (70-130)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

METHOD 8082 - POLYCHLORINATED BIPHENYLS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A5B1914302

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

Matrix Spike - Client Sample No.: Method Blank

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.	+ =
Aroclor 1260	5.00	4.11	82	50 - 122	
Aroclor 1016	5.00	4.65	93	29 - 123	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 2 outside limits

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

NM-MW04-W-0-1205\MS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D985

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	10320.2803		508.5500		10000.00	98.1		P
Antimony	75 - 125	198.0700		20.0000	U	200.00	99.0		P
Arsenic	75 - 125	217.3200		19.6200		200.00	98.8		P
Barium	75 - 125	312.3000		114.6200		200.00	98.8		P
Beryllium	75 - 125	196.7900		0.3900		200.00	98.2		P
Cadmium	75 - 125	195.7300		1.0000	U	200.00	97.9		P
Calcium		68461.0078		59513.7188		10000.00	89.5		P
Chromium	75 - 125	195.1500		4.0000	U	200.00	97.6		P
Cobalt	75 - 125	203.7000		7.8000		200.00	98.0		P
Copper	75 - 125	201.1900		10.0000	U	200.00	100.6		P
Iron		143840.0000		136139.2031		10000.00	77.0		P
Lead	75 - 125	199.2000		5.0000	U	200.00	99.6		P
Magnesium	75 - 125	21727.8809		12049.3301		10000.00	96.8		P
Manganese		2596.8501		2433.7300		200.00	81.6		P
Nickel	75 - 125	197.3800		10.0000	U	200.00	98.7		P
Potassium	75 - 125	11870.3203		2032.4500		10000.00	98.4		P
Selenium	75 - 125	201.0900		15.0000	U	200.00	100.5		P
Silver	75 - 125	51.2900		3.0000	U	50.00	102.6		P
Sodium	75 - 125	16104.5195		5978.8398		10000.00	101.3		P
Thallium	75 - 125	195.7900		20.0000	U	200.00	97.9		P
Vanadium	75 - 125	196.8600		5.0000	U	200.00	98.4		P
Zinc	75 - 125	203.9000		20.0000	U	200.00	102.0		P

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

NM-MW04-W-0-1205\SD

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D985

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	10227.3096		508.5500		10000.00	97.2		P
Antimony	75 - 125	194.4700		20.0000	U	200.00	97.2		P
Arsenic	75 - 125	216.0000		19.6200		200.00	98.2		P
Barium	75 - 125	312.2900		114.6200		200.00	98.8		P
Beryllium	75 - 125	194.4700		0.3900		200.00	97.0		P
Cadmium	75 - 125	191.8900		1.0000	U	200.00	95.9		P
Calcium		68366.5000		59513.7188		10000.00	88.5		P
Chromium	75 - 125	192.7900		4.0000	U	200.00	96.4		P
Cobalt	75 - 125	200.4500		7.8000		200.00	96.3		P
Copper	75 - 125	199.4600		10.0000	U	200.00	99.7		P
Iron		143666.5938		136139.2031		10000.00	75.3		P
Lead	75 - 125	196.7600		5.0000	U	200.00	98.4		P
Magnesium	75 - 125	21627.6406		12049.3301		10000.00	95.8		P
Manganese		2600.5500		2433.7300		200.00	83.4		P
Nickel	75 - 125	195.3200		10.0000	U	200.00	97.7		P
Potassium	75 - 125	11768.0098		2032.4500		10000.00	97.4		P
Selenium	75 - 125	198.1400		15.0000	U	200.00	99.1		P
Silver	75 - 125	50.9000		3.0000	U	50.00	101.8		P
Sodium	75 - 125	16112.8096		5978.8398		10000.00	101.3		P
Thallium	75 - 125	193.1300		20.0000	U	200.00	96.6		P
Vanadium	75 - 125	194.5600		5.0000	U	200.00	97.3		P
Zinc	75 - 125	199.1200		20.0000	U	200.00	99.6		P

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.
-5B-

POST DIGEST SPIKE SAMPLE RECOVERY

SAMPLE NO.

NM-MW04-W-0-1205A

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A05-D985

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added(SA)	%R	Q	M
Aluminum	75 - 125	10838.75		508.55		10000.0	103.3		P
Antimony	75 - 125	206.75		20.00	U	200.0	103.4		P
Arsenic	75 - 125	226.83		19.62		200.0	103.6		P
Barium	75 - 125	320.55		114.62		200.0	103.0		P
Beryllium	75 - 125	205.23		0.39		200.0	102.4		P
Cadmium	75 - 125	204.02		1.00	U	200.0	102.0		P
Calcium	75 - 125	69023.44		59513.72		10000.0	95.1		P
Chromium	75 - 125	203.89		4.00	U	200.0	101.9		P
Cobalt	75 - 125	213.08		7.80		200.0	102.6		P
Copper	75 - 125	211.57		10.00	U	200.0	105.8		P
Iron	75 - 125	144050.00		136139.20		10000.0	79.1		P
Lead	75 - 125	206.39		5.00	U	200.0	103.2		P
Magnesium	75 - 125	22101.03		12049.33		10000.0	100.5		P
Manganese	75 - 125	2589.69		2433.73		200.0	78.0		P
Nickel	75 - 125	205.68		10.00	U	200.0	102.8		P
Potassium	75 - 125	12374.48		2032.45		10000.0	103.4		P
Selenium	75 - 125	208.69		15.00	U	200.0	104.3		P
Silver	75 - 125	52.90		3.00	U	50.0	105.8		P
Sodium	75 - 125	16516.52		5978.84		10000.0	105.4		P
Thallium	75 - 125	210.70		20.00	U	200.0	105.4		P
Vanadium	75 - 125	209.64		5.00	U	200.0	104.8		P
Zinc	75 - 125	204.05		20.00	U	200.0	102.0		P

Comments:

STL BUFFALO

Ecology & Environment. Inc.

-6-

DUPLICATES

SAMPLE NO.

NM-MW04-W-0-1205\SD

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A05-D985

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		10320.2803		10227.3096		0.9		P
Antimony		198.0700		194.4700		1.8		P
Arsenic		217.3200		216.0000		0.6		P
Barium		312.3000		312.2900		0.0		P
Beryllium		196.7900		194.4700		1.2		P
Cadmium		195.7300		191.8900		2.0		P
Calcium		68461.0078		68366.5000		0.1		P
Chromium		195.1500		192.7900		1.2		P
Cobalt		203.7000		200.4500		1.6		P
Copper		201.1900		199.4600		0.9		P
Iron		143840.0000		143666.5938		0.1		P
Lead		199.2000		196.7600		1.2		P
Magnesium		21727.8809		21627.6406		0.5		P
Manganese		2596.8501		2600.5500		0.1		P
Nickel		197.3800		195.3200		1.0		P
Potassium		11870.3203		11768.0098		0.9		P
Selenium		201.0900		198.1400		1.5		P
Silver		51.2900		50.9000		0.8		P
Sodium		16104.5195		16112.8096		0.1		P
Thallium		195.7900		193.1300		1.4		P
Vanadium		196.8600		194.5600		1.2		P
Zinc		203.9000		199.1200		2.4		P

METHOD 8082 - POLYCHLORINATED BIPHENYLS
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: STL Buffalo Contract: _____

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

Lab Sample ID: A5B1914302 Lab File ID: 19B39169.TX0

Matrix: (soil/water) WATER Extraction: SEPF

Sulfur Cleanup: (Y/N): N Date Extracted: 12/09/2005

Date Analyzed (1): 12/13/2005 Date Analyzed (2): _____

Time Analyzed (1): 21:34 Time Analyzed (2): _____

Instrument ID (1): HP5890-19 Instrument ID (2): _____

GC Column (1): ZB-5 Dia: 0.53(mm) GC Column (2): _____ Dia: ____(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
1	Matrix Spike Blank	A5B1914301	12/13/2005	
2	NM-MW02-W-0-1205	A5D98501	12/14/2005	
3	NM-MW03-W-0-1205	A5D98502	12/14/2005	
4	NM-MW04-W-0-1205	A5D98503	12/14/2005	
5	NM-MW05-W-0-1205	A5D98504	12/14/2005	
6	NM-MW06-W-0-1205	A5D98505	12/14/2005	

Comments: _____

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

Method Blank

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5B1914302

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 19B39169.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: _____ _____

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 12/09/2005

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/13/2005

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.50	U
11104-28-2	Aroclor 1221	0.50	U
11141-16-5	Aroclor 1232	0.50	U
53469-21-9	Aroclor 1242	0.50	U
12672-29-6	Aroclor 1248	0.50	U
11097-69-1	Aroclor 1254	0.50	U
11096-82-5	Aroclor 1260	0.50	U

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D985

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	200.0	U	200.0	U	200.0	U	200.0	U	200.000	U	P
Antimony	20.0	U	20.0	U	20.0	U	20.0	U	20.000	U	P
Arsenic	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Barium	2.0	U	2.0	U	2.0	U	2.0	U	2.000	U	P
Beryllium	0.1	U	0.1	U	0.5		0.2		0.200		P
Cadmium	1.0	U	1.0	U	1.0	U	1.0	U	1.000	U	P
Calcium	500.0	U	500.0	U	500.0	U	500.0	U	500.000	U	P
Chromium	4.0	U	4.0	U	4.0	U	4.0	U	4.000	U	P
Cobalt	4.0	U	4.0	U	4.0	U	4.0	U	4.000	U	P
Copper	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Iron	50.0	U	50.0	U	50.0	U	50.0	U	50.000	U	P
Lead	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P
Magnesium	200.0	U	200.0	U	200.0	U	200.0	U	200.000	U	P
Manganese	3.0	U	3.0	U	3.0	U	3.0	U	3.000	U	P
Nickel	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Potassium	500.0	U	500.0	U	500.0	U	500.0	U	500.000	U	P
Selenium	15.0	U	15.0	U	15.0	U	15.0	U	15.000	U	P
Silver	3.0	U	3.0	U	3.0	U	3.0	U	3.000	U	P
Sodium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	1000.000	U	P
Thallium	20.0	U	20.0	U	20.0	U	20.0	U	20.000	U	P
Vanadium	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P
Zinc	20.0	U	20.0	U	20.0	U	20.0	U	20.000	U	P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D985

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			200.0	U							P
Antimony			20.0	U							P
Arsenic			10.0	U							P
Barium			2.0	U							P
Beryllium			0.1								P
Cadmium			1.0	U							P
Calcium			500.0	U							P
Chromium			4.0	U							P
Cobalt			4.0	U							P
Copper			10.0	U							P
Iron			50.0	U							P
Lead			5.0	U							P
Magnesium			200.0	U							P
Manganese			3.0	U							P
Nickel			10.0	U							P
Potassium			500.0	U							P
Selenium			15.0	U							P
Silver			3.0	U							P
Sodium			1000.0	U							P
Thallium			20.0	U							P
Vanadium			5.0	U							P
Zinc			20.0	U							P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D985

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Mercury	0.1	U	0.1	U	0.1	U	0.1	U	0.200	U	CV

Comments:

Sample Data Package

SDG Narrative

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A5D98501	NM-MW02-W-0-1205	WATER	12/06/2005	12:06	12/08/2005	16:00
A5D98502	NM-MW03-W-0-1205	WATER	12/06/2005	13:37	12/08/2005	16:00
A5D98503	NM-MW04-W-0-1205	WATER	12/06/2005	14:51	12/08/2005	16:00
A5D98504	NM-MW05-W-0-1205	WATER	12/06/2005	15:36	12/08/2005	16:00
A5D98505	NM-MW06-W-0-1205	WATER	12/06/2005	16:18	12/08/2005	16:00

METHODS SUMMARY

Job#: A05-D985

STL Project#: NY5A9393.3
Site Name: Ecology and Environment NYSDEC Standby

PARAMETER	ANALYTICAL METHOD
METHOD 8082 - POLYCHLORINATED BIPHENYLS	SW8463 8082
Aluminum - Total	SW8463 6010
Antimony - Total	SW8463 6010
Arsenic - Total	SW8463 6010
Barium - Total	SW8463 6010
Beryllium - Total	SW8463 6010
Cadmium - Total	SW8463 6010
Calcium - Total	SW8463 6010
Chromium - Total	SW8463 6010
Cobalt - Total	SW8463 6010
Copper - Total	SW8463 6010
Iron - Total	SW8463 6010
Lead - Total	SW8463 6010
Magnesium - Total	SW8463 6010
Manganese - Total	SW8463 6010
Mercury - Total	SW8463 7470
Nickel - Total	SW8463 6010
Potassium - Total	SW8463 6010
Selenium - Total	SW8463 6010
Silver - Total	SW8463 6010
Sodium - Total	SW8463 6010
Thallium - Total	SW8463 6010
Vanadium - Total	SW8463 6010
Zinc - Total	SW8463 6010

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

NON-CONFORMANCE SUMMARY

Job#: A05-D985

STL Project#: NY5A9393.3
Site Name: Ecology and Environment NYSDEC Standby

General Comments

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

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

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

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

Sample Receipt Comments

A05-D985
Sample Cooler(s) were received at the following temperature(s); 4@2.0 °C
All samples were received in good condition.

GC Extractable Data

For Method 8082, samples NM-MW05-W-0-1205, NM-MW06-W-0-1205, the Method Blank and Matrix Spike Blank had Decachlorbiphenyl surrogate recoveries below project control limits, but within laboratory limits. Tetrachloro-m-xylene recoveries were acceptable.

Metals Data

The analyte Beryllium was detected in the Method Blank and several CCB's at a level above the project established reporting limit. The requested reporting limit for Beryllium is below STL's standard reporting limit and, therefore, no corrective action has been taken for any anomalous detections. It must be noted that results reported below STL's standard reporting limit may result in false positive/false negative results, less accurate quantitation and potential misidentification at the lower concentrations.

****

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

Chain Of Custody Documentation

Chain of Custody Record

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
Ecology & Environment, Inc.	G. Flaherty	12/6/05	250238
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page** 3 of 3
368 Pleasantview Dr.	716-684-8060		
City	**State** / **Zip Code**	**Site Contact**	**Lab Contact**
Lancaster	NY / 14086	J. Nickerson	T. Boggolin
Project Name and Location (State)		**Carrier/Waybill Number**	
New Moreau moreau, ny			
Contract/Purchase Order/Quote No.			
000644. NV 22			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: TCL PCB	TAL metals + Mercury	Special Instructions/ Conditions of Receipt
NM MW02-W-0-1205	12/6/05	12:06		X			2		1				X	X	
NM MW03-W-0-1205	12/6/05	13:37		X			2		1				X	X	
NM-MW04-W-0-1205	12/6/05	14:51		X			2		1				X	X	
NM-MW05-W-0-1205	12/6/05	15:36		X			2		1				X	X	
NM-MW06-W-0-1205	12/6/05	16:18		X			2		1				X	X	

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal

☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☒ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: J. Nickerson	12/8/05	1358	1. Received By: J. Mc	12/8/05	1400
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

GB 3/5

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

40/483

SEVERN TRENT STL

STL Buffalo

Doc. Login/ARRF - Side A
Rev 3
10/17/2005

SAMPLE LOGIN JOB # 0858

Shipment ID_____ **Strict Internal COC:** YES / NO

Residual Chlorine Check: ☐

Radiation Check <0.02 mR/hr: YES / NO

AC _____ **Project / Task** _____/_____

TAT_____BD/ 21 CD # OF SAMPLES 5 TRIP BLANK Y/N / # _____

SHIPPED BY Fedex	**ATTACH SHIPPING TAGS**
RECEIVED DATE / TIME:	12/8/08 1600 ___:___

COOLER TEMP 4.2 **°C (4 +/- 2 °C)** OK NO

Cooler Custody Seal intact? YES/NO NONE SEAL # _____

If NO to cooler temp or seal, PM notified? YES_____ (PM Name)

SUBCONTRACT YES/NO LAB_____ **SM #** _____

COMMENTS: SAMPLE TIME ACTUAL **+1HR +2 HR +3 HR NONE**

Sample received outside hold time_____

Headspace in VOA vials_____

Problems with bottle labels_____

OTHER SAMPLE RECEIPT COMMENTS (Fill out ARRF, see reverse)

_____

_____

ARE SAMPLE DATES AND TIMES CORRECT? **Initials** _____

WERE ALL THE APPROPRIATE TESTS ASSIGNED? **Initials** _____

Temp.Cert.Loss: Alkalinity by 310.2 (New York State-Drinking Water Only)

Job No: A05-D985
Client: Ecology & Environment, Inc.
Project: NY5A9393.3
SDG:
Case:
SMO No:
No. Samps: 5

Radiation Check: YES
Custody Seal: NO
Chain of Custody: YES
Sample Tags: NO
Sample Tag Numbers: NO
SMO Forms: NO
CLSIS: NO

Cooler Temperature: 4@2.0°C

Sample	Receive	Client Sample ID	Lab ID	Condition	Bottles	Parameters	Lab	Pres log Code	Pres log PH
12/06/2005 12:06	12/08/2005 16:00	NM-MW02-W-0-1205	A5D98501	Good	1-16ozP	T METALS	RECNY	0001	<2
					2-1lGA	PCBS	RECNY	0100	
12/06/2005 13:37	12/08/2005 16:00	NM-MW03-W-0-1205	A5D98502	Good	1-16ozP	T METALS	RECNY	0001	<2
					2-1lGA	PCBS	RECNY	0100	
12/06/2005 14:51	12/08/2005 16:00	NM-MW04-W-0-1205	A5D98503	Good	1-16ozP	T METALS	RECNY	0001	<2
					2-1lGA	PCBS	RECNY	0100	
12/06/2005 15:36	12/08/2005 16:00	NM-MW05-W-0-1205	A5D98504	Good	1-16ozP	T METALS	RECNY	0001	<2
					2-1lGA	PCBS	RECNY	0100	
12/06/2005 16:18	12/08/2005 16:00	NM-MW06-W-0-1205	A5D98505	Good	1-16ozP	T METALS	RECNY	0001	<2
					2-1lGA	PCBS	RECNY	0100	

Sample Custodian: _____ ___/___/20___

Analytical Services Coordinator: _____ ___/___/20___

Preservation Code References:

First Digit: Sample Filtration; 1=Filtered, 0=Unfiltered
Second Digit: Sample Requires Cooling; (4°) 1=Cooled, 0=Not Cooled

Third, Fourth Digits - Preservation Types:
00=Nothing added, 01=HNO3, 02=H2SO4, 03=HCl, 04=Sodium Thiosulfate
05=NaOH, 06=NaOH+Zinc Acetate, 07=Sodium Thiosulfate+HCl, 08=MeOH
09=MCAA (Mono chloroacetic acid)

8082 Data

QC Summary

METHOD 8082 - POLYCHLORINATED BIPHENYLS
WATER SURROGATE RECOVERY

Lab Name: STL Buffalo Contract: _____

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

GC Column(1): ZB-5 ID: 0.53 (mm)

	Client Sample ID	Lab Sample ID	DCBP %REC	#	TCMX %REC	#							TOT OUT
1	Matrix Spike Blank	A5B1914301	50	*	70								1
2	Method Blank	A5B1914302	42	*	82								1
3	NM-MW02-W-0-1205	A5D98501	71		79								0
4	NM-MW03-W-0-1205	A5D98502	70		77								0
5	NM-MW04-W-0-1205	A5D98503	72		76								0
6	NM-MW05-W-0-1205	A5D98504	60	*	78								1
7	NM-MW06-W-0-1205	A5D98505	56	*	72								1

QC LIMITS

(DCBP) = Decachlorobiphenyl (70-130)
(TCMX) = Tetrachloro-m-xylene (70-130)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

METHOD 8082 - POLYCHLORINATED BIPHENYLS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A5B1914302

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

Matrix Spike - Client Sample No.: Method Blank

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.	+ =
Aroclor 1260	5.00	4.11	82	50 - 122	
Aroclor 1016	5.00	4.65	93	29 - 123	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 2 outside limits

Comments: _____

METHOD 8082 - POLYCHLORINATED BIPHENYLS
METHOD BLANK SUMMARY

47/483
Client No.

Method Blank

Lab Name: STL Buffalo Contract: _____

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

Lab Sample ID: A5B1914302 Lab File ID: 19B39169.TX0

Matrix: (soil/water) WATER Extraction: SEPF

Sulfur Cleanup: (Y/N): N Date Extracted: 12/09/2005

Date Analyzed (1): 12/13/2005 Date Analyzed (2): _____

Time Analyzed (1): 21:34 Time Analyzed (2): _____

Instrument ID (1): HP5890-19 Instrument ID (2): _____

GC Column (1): ZB-5 Dia: 0.53(mm) GC Column (2): _____ Dia: ____(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
1	Matrix Spike Blank	A5B1914301	12/13/2005	
2	NM-MW02-W-0-1205	A5D98501	12/14/2005	
3	NM-MW03-W-0-1205	A5D98502	12/14/2005	
4	NM-MW04-W-0-1205	A5D98503	12/14/2005	
5	NM-MW05-W-0-1205	A5D98504	12/14/2005	
6	NM-MW06-W-0-1205	A5D98505	12/14/2005	

Comments: _____

Sample Data

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW02-W-0-1205

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5D98501

Sample wt/vol: 990.00 (g/mL) ML Lab File ID: 19B39188.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 12/06/2005 12/08/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 12/09/2005

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/14/2005

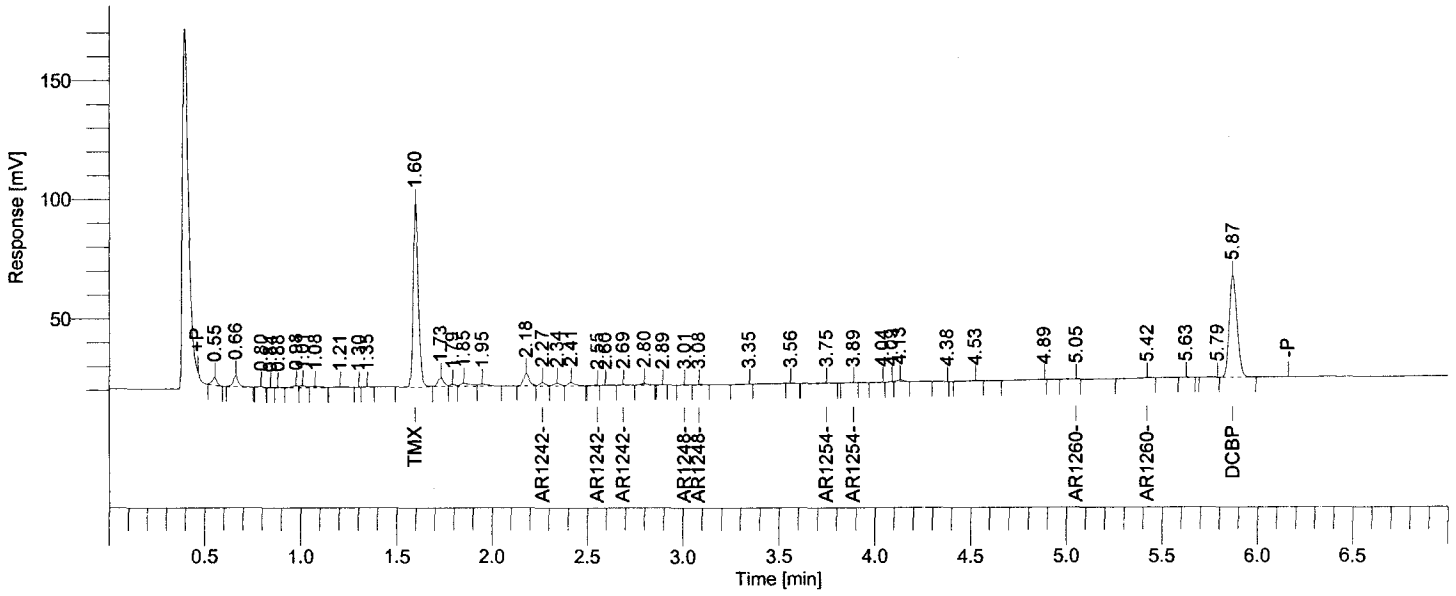
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.50	U
11104-28-2	Aroclor 1221	0.50	U
11141-16-5	Aroclor 1232	0.50	U
53469-21-9	Aroclor 1242	0.50	U
12672-29-6	Aroclor 1248	0.50	U
11097-69-1	Aroclor 1254	0.50	U
11096-82-5	Aroclor 1260	0.50	U

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:17:51
Reprocess Number	: buf2042: 85647		
Operator	: tchrom	Sample Name	: AW50029487
Sample Number	: A5D98501	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 03:16:16	Cycle	: 27

Raw Data File : H:\TURBO6\5890-19\19B39188.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39188.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39188.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39188.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(11-30-05).mth from H:\TURBO6\5890-19\19B39188.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
12	1.60	BV	140698	TMX	0.0158	-------	0
42	5.87	VB	122898	DCBP	0.0142	-------	0
			263596			0.0000	

12/14/05

12/14/2005 07:17:51 Result: H:\TURBO6\5890-19\19B39188.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
18	2.27	VV	3458	AR1242-A	0.0104	0.0035	3
21	2.55	BV	503	AR1242-B	8.8e-04	2.9e-04	3
23	2.69	VV	931	AR1242-C	0.0037	0.0012	3
			4893			0.0050	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
26	3.01	BV	356	AR1248-A	8.7e-04	2.9e-04	3
27	3.08	VB	481	AR1248-B	0.0014	4.6e-04	3
-	3.46		0	AR1248-C	0.0000	-------	-
			837			7.6e-04	

12/14/05

Group Report For : AR1254

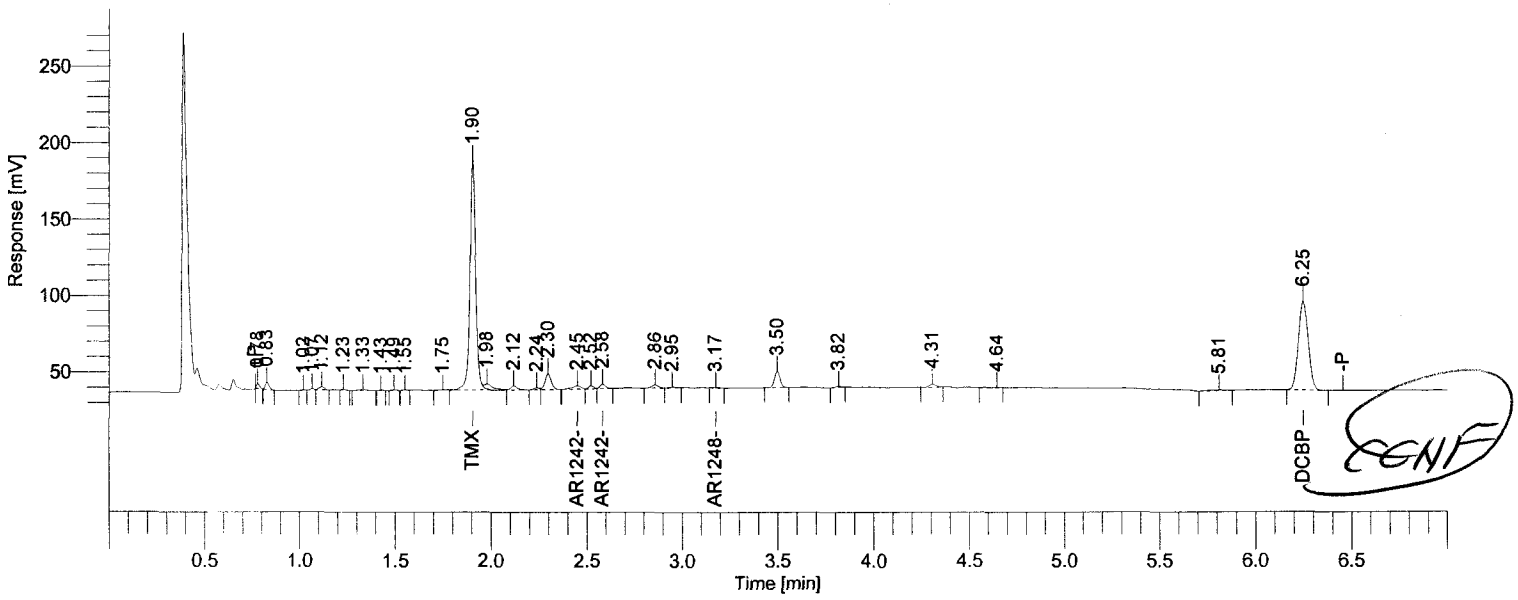
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
30	3.75	BB	1703	AR1254-A	0.0025	8.2e-04	3
31	3.89	BB	174	AR1254-B	2.7e-04	8.9e-05	3
-	4.28		0	AR1254-C	0.0000	-------	-
			1877			9.1e-04	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.70		0	AR1260-A	0.0000	-------	-
38	5.05	BB	245	AR1260-B	-0.0276	-9e-03	3
39	5.42	BB	616	AR1260-C	-0.0142	-5e-03	3
			861			-0.0139	

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:17:48
Reprocess Number	: buf2042: 85646		
Operator	: tchrom	Sample Name	: AW50029487
Sample Number	: A5D98501	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 03:16:16	Cycle	: 27

Raw Data File : H:\TURBO6\5890-19\19A39188.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39188.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39188.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39188.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(11-30-05).mth from H:\TURBO6\5890-19\19A39188.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
12	1.90	VE	307117	TMX	0.0160	-------	0
	2.58		13458	~~AR1242~~	~~0.0059~~	0.0020	3
28	6.25	BB	203528	DCBP	0.0146	-------	0
			524103			0.0020	

12/14/05

12/14/2005 07:17:48 Result: H:\TURBO6\5890-19\19A39188.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
17	2.45	BV	7369	AR1242-A	0.0107	0.0036	3
19	2.58	VB	6089	AR1242-B	0.0146	0.0049	3
-	2.77		0	AR1242-C	0.0000	-------	-
			13458			0.0084	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
22	3.17	BB	1058	AR1248-A	0.0012	4.1e-04	3
-	3.27		0	AR1248-B	0.0000	-------	-
-	3.34		0	AR1248-C	0.0000	-------	-
			1058			4.1e-04	

12/14/05

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.94		0	AR1254-A	0.0000	-------	-
-	4.12		0	AR1254-B	0.0000	-------	-
-	4.50		0	AR1254-C	0.0000	-------	-
			0			0.0000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.98		0	AR1260-A	0.0000	-------	-
-	5.20		0	AR1260-B	0.0000	-------	-
-	5.65		0	AR1260-C	0.0000	-------	-
			0			0.0000	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW03-W-0-1205

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5D98502

Sample wt/vol: 1035.00 (g/mL) ML Lab File ID: 19B39189.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 12/06/2005 12/08/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 12/09/2005

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/14/2005

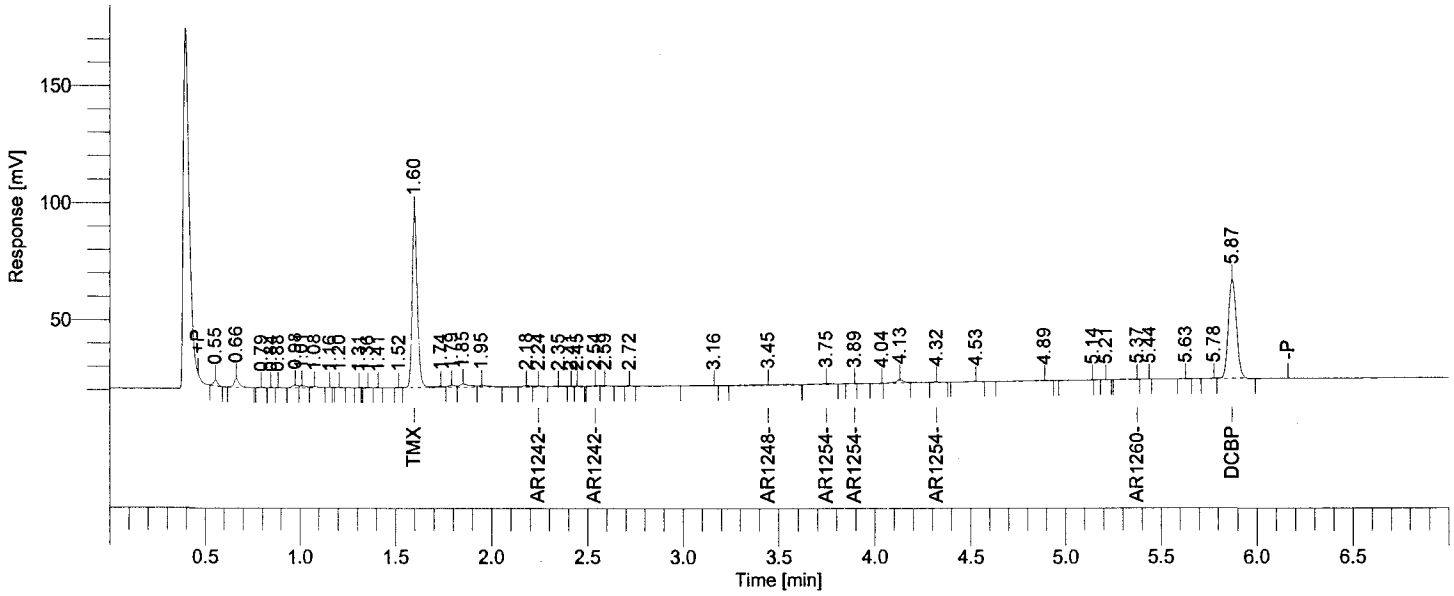
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:17:56
Reprocess Number	: buf2042: 85649		
Operator	: tchrom	Sample Name	: AW50029488
Sample Number	: A5D98502	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 03:34:23	Cycle	: 28

Raw Data File : H:\TURBO6\5890-19\19B39189.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39189.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39189.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39189.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(11-30-05).mth from H:\TURBO6\5890-19\19B39189.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
15	1.60	VE	137549	TMX	0.0154	-------	0
43	5.87	VB	121212	DCBP	0.0140	-------	0
			258761			0.0000	

12/14/05

12/14/2005 07:17:56 Result: H:\TURBO6\5890-19\19B39189.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
21	2.24	VV	1064	AR1242-A	0.0032	0.0011	3
25	2.54	BV	792	AR1242-B	0.0014	4.6e-04	3
-	2.66		0	AR1242-C	0.0000	-------	-
			1857			0.0015	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.01		0	AR1248-A	0.0000	-------	-
-	3.10		0	AR1248-B	0.0000	-------	-
29	3.45	BB	4029	AR1248-C	0.0115	0.0038	3
			4029			0.0038	

12/14/05

Group Report For : AR1254

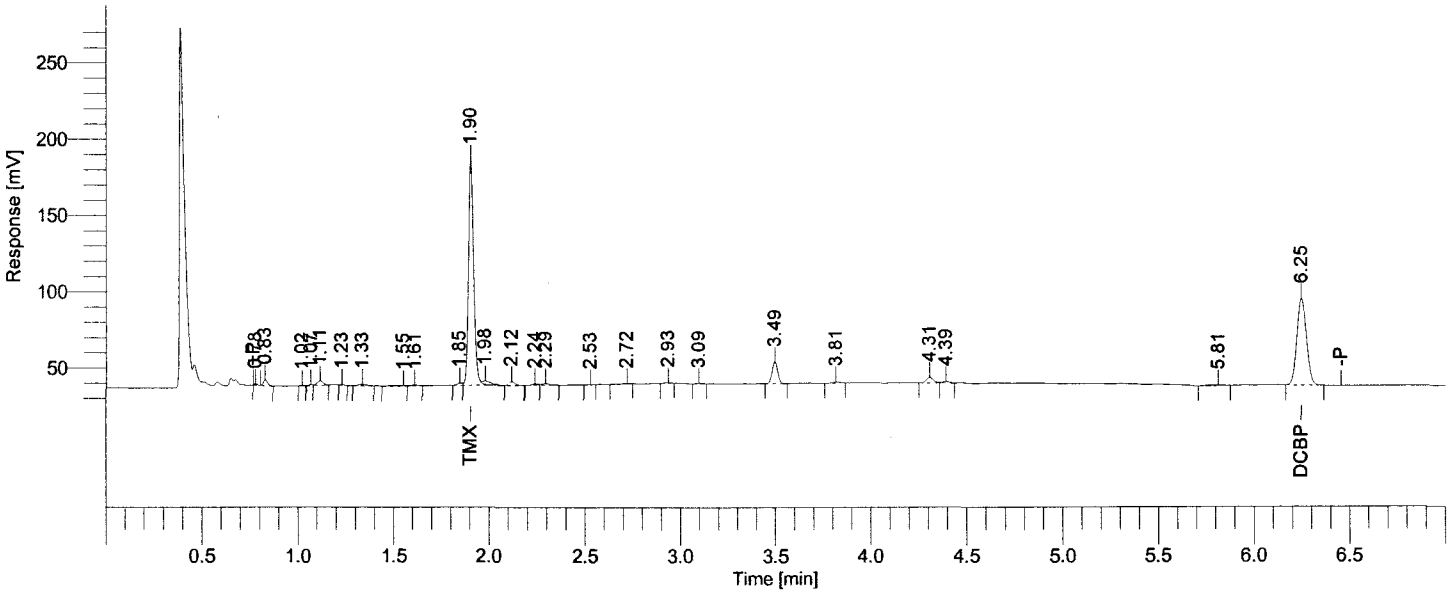
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
30	3.75	BB	1762	AR1254-A	0.0026	8.5e-04	3
31	3.89	BB	86	AR1254-B	1.3e-04	4.5e-05	3
34	4.32	BB	635	AR1254-C	0.0012	3.9e-04	3
			2483			0.0013	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.70		0	AR1260-A	0.0000	-------	-
-	5.01		0	AR1260-B	0.0000	-------	-
39	5.37	BV	325	AR1260-C	-0.0157	-5e-03	3
			325			-5e-03	

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:17:53
Reprocess Number	: buf2042: 85648		
Operator	: tchrom	Sample Name	: AW50029488
Sample Number	: A5D98502	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 03:34:23	Cycle	: 28

Raw Data File : H:\TURBO6\5890-19\19A39189.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39189.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39189.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39189.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(11-30-05).mth from H:\TURBO6\5890-19\19A39189.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
11	1.90	VE	283452	TMX	0.0146	-------	0
25	6.25	BB	201381	DCBP	0.0144	-------	0
			484833			0.0000	

12/14/05

12/14/2005 07:17:53 Result: H:\TURBO6\5890-19\19A39189.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.45		0	AR1242-A	0.0000	-------	-
-	2.58		0	AR1242-B	0.0000	-------	-
-	2.77		0	AR1242-C	0.0000	-------	-
			0			0.0000	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.18		0	AR1248-A	0.0000	-------	-
-	3.27		0	AR1248-B	0.0000	-------	-
-	3.34		0	AR1248-C	0.0000	-------	-
			0			0.0000	

12/14/05

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.94		0	AR1254-A	0.0000	-------	-
-	4.12		0	AR1254-B	0.0000	-------	-
-	4.50		0	AR1254-C	0.0000	-------	-
			0			0.0000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.98		0	AR1260-A	0.0000	-------	-
-	5.20		0	AR1260-B	0.0000	-------	-
-	5.65		0	AR1260-C	0.0000	-------	-
			0			0.0000	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

59/483

Client No.

NM-MW04-W-0-1205

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5D98503

Sample wt/vol: 1025.00 (g/mL) ML Lab File ID: 19B39190.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 12/06/2005 12/08/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 12/09/2005

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/14/2005

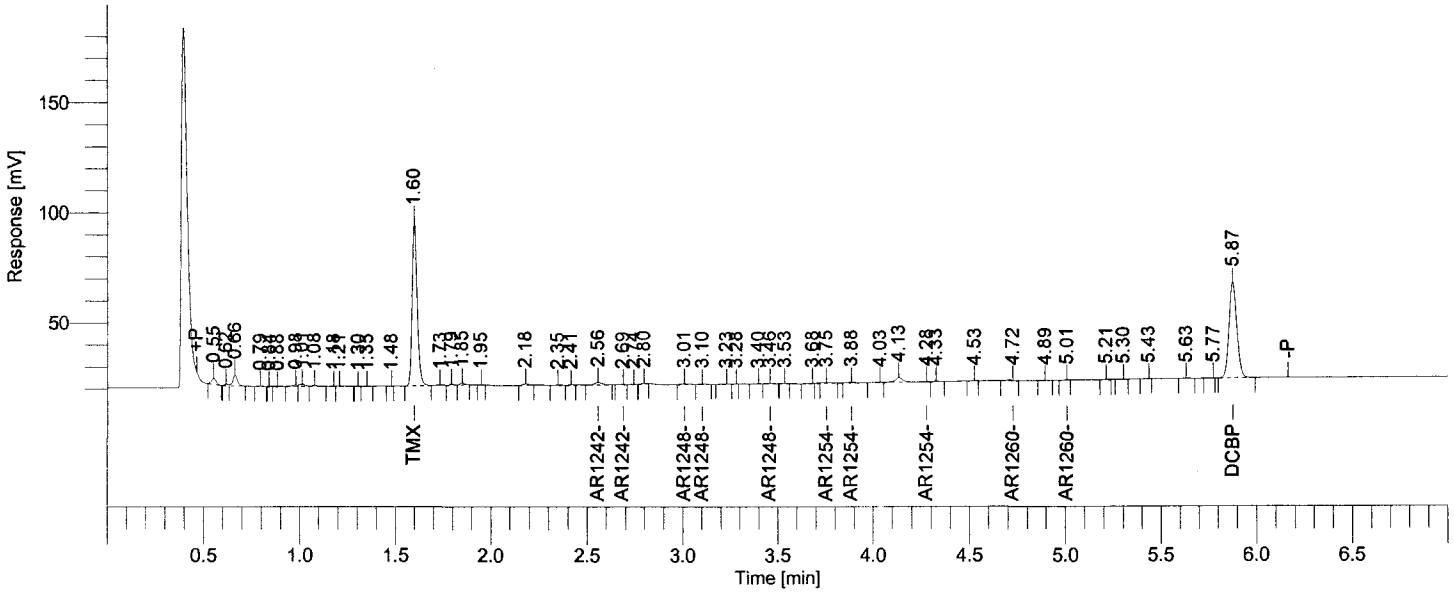
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.49	U
11104-28-2	Aroclor 1221	0.49	U
11141-16-5	Aroclor 1232	0.49	U
53469-21-9	Aroclor 1242	0.49	U
12672-29-6	Aroclor 1248	0.49	U
11097-69-1	Aroclor 1254	0.49	U
11096-82-5	Aroclor 1260	0.49	U

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:18:00
Reprocess Number	: buf2042: 85651		
Operator	: tchrom	Sample Name	: AW50029489
Sample Number	: A5D98503	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 03:52:28	Cycle	: 29

Raw Data File : H:\TURBO6\5890-19\19B39190.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39190.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39190.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39190.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(11-30-05).mth from H:\TURBO6\5890-19\19B39190.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
15	1.60	BV	135679	TMX	0.0151	-------	0
50	5.87	VB	124389	DCBP	0.0145	-------	0
			260068			0.0000	

12/14/05

12/14/2005 07:18:00 Result: H:\TURBO6\5890-19\19B39190.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.27		0	AR1242-A	0.0000	-------	-
23	2.56	VB	3496	AR1242-B	0.0061	0.0020	3
24	2.69	BV	204	AR1242-C	8.1e-04	2.7e-04	3
			3700			0.0023	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
27	3.01	BV	1429	AR1248-A	0.0035	0.0012	3
28	3.10	VB	829	AR1248-B	0.0024	8.0e-04	3
32	3.46	VB	476	AR1248-C	0.0014	4.5e-04	3
			2734			0.0024	

12/14/05

Group Report For : AR1254

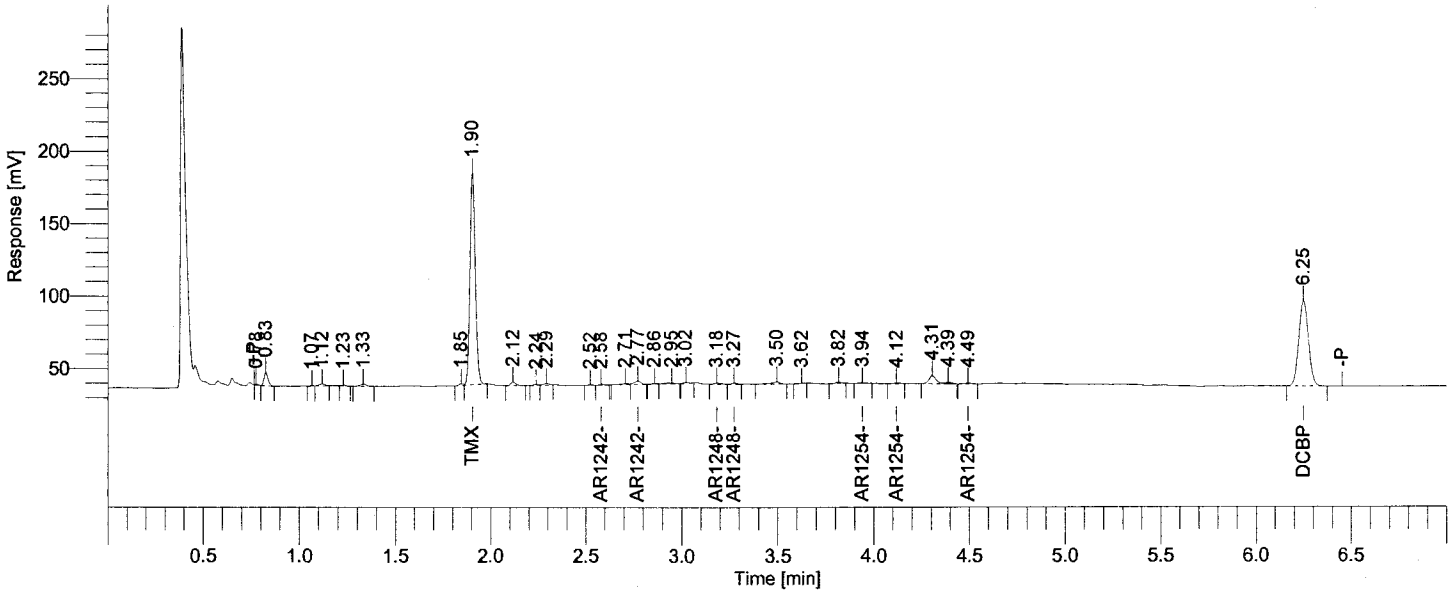
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
35	3.75	VV	1415	AR1254-A	0.0021	6.8e-04	3
36	3.88	VB	1349	AR1254-B	0.0021	7.0e-04	3
39	4.28	EV	363	AR1254-C	6.7e-04	2.2e-04	3
			3127			0.0016	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
42	4.72	BB	291	AR1260-A	-0.0275	-9e-03	3
44	5.01	BB	90	AR1260-B	-0.0278	-9e-03	3
-	5.38		0	AR1260-C	0.0000	-------	-
			381			-0.0184	

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:17:58
Reprocess Number	: buf2042: 85650		
Operator	: tchrom	Sample Name	: AW50029489
Sample Number	: A5D98503	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 03:52:28	Cycle	: 29

Raw Data File : H:\TURBO6\5890-19\19A39190.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39190.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39190.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39190.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(11-30-05).mth from H:\TURBO6\5890-19\19A39190.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
8	1.90	VB	275509	TMX	0.0141	-------	0
	2.77		6173	~~AR1242~~	0.0027	9.0e-04	3
29	6.25	BB	206881	DCBP	0.0149	-------	0
			488563			9.0e-04	

12/14/05

12/14/2005 07:17:58 Result: H:\TURBO6\5890-19\19A39190.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.45		0	AR1242-A	0.0000	-------	-
13	2.58	VB	612	AR1242-B	0.0015	4.9e-04	3
15	2.77	VB	5561	AR1242-C	0.0047	0.0016	3
			6173			0.0020	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
19	3.18	BB	2078	AR1248-A	0.0024	8.1e-04	3
20	3.27	BB	1561	AR1248-B	0.0023	7.6e-04	3
-	3.34		0	AR1248-C	0.0000	-------	-
			3639			0.0016	

12/14/05

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
24	3.94	BB	834	AR1254-A	7.3e-04	2.4e-04	3
25	4.12	BB	915	AR1254-B	8.3e-04	2.8e-04	3
28	4.49	BB	1950	AR1254-C	0.0017	5.6e-04	3
			3700			0.0011	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.98		0	AR1260-A	0.0000	-------	-
-	5.20		0	AR1260-B	0.0000	-------	-
-	5.65		0	AR1260-C	0.0000	-------	-
			0			0.0000	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW05-W-0-1205

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5D98504

Sample wt/vol: 1060.00 (g/mL) ML Lab File ID: 19B39191.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 12/06/2005 12/08/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 12/09/2005

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/14/2005

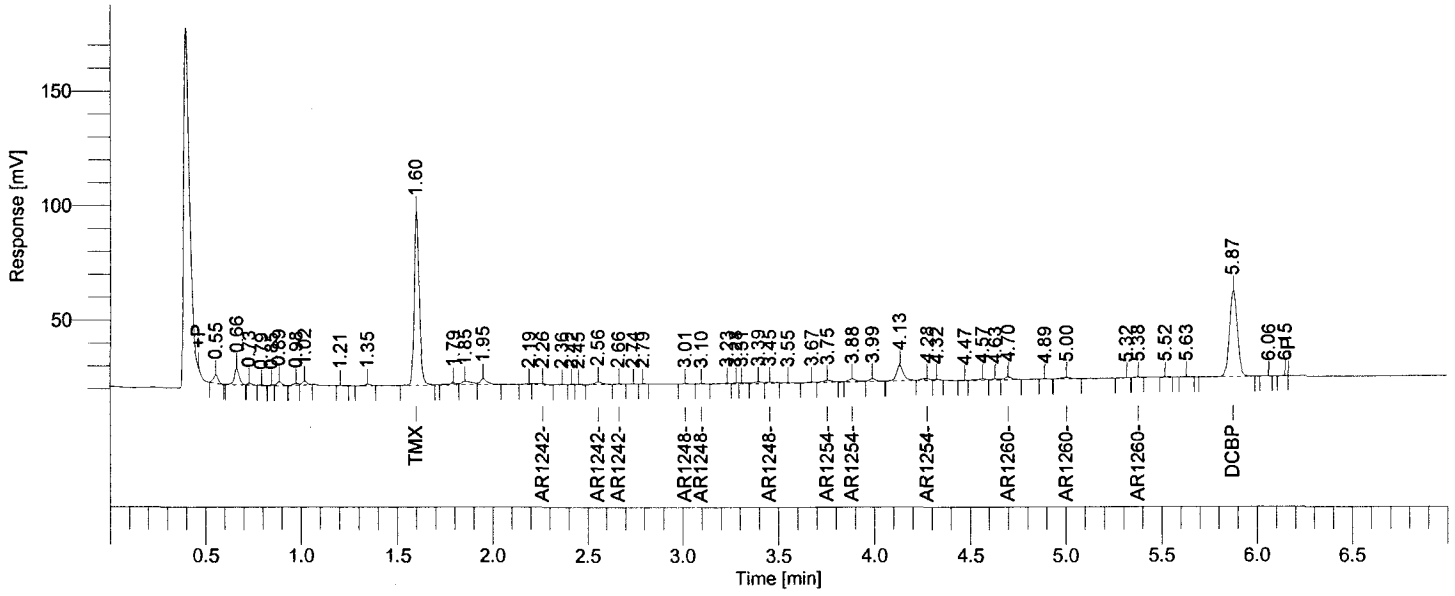
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.47	U
11104-28-2	Aroclor 1221	0.47	U
11141-16-5	Aroclor 1232	0.47	U
53469-21-9	Aroclor 1242	0.47	U
12672-29-6	Aroclor 1248	0.47	U
11097-69-1	Aroclor 1254	0.47	U
11096-82-5	Aroclor 1260	0.47	U

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:18:05
Reprocess Number	: buf2042: 85653		
Operator	: tchrom	Sample Name	: AW50029490
Sample Number	: A5D98504	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 04:10:25	Cycle	: 30

Raw Data File : H:\TURBO6\5890-19\19B39191.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39191.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39191.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39191.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(11-30-05).mth from H:\TURBO6\5890-19\19B39191.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
11	1.60	BV	140034	TMX	0.0157	-------	0
	2.56		5890	~~AR1242~~	0.0051	0.0017	3
	3.88		9685	~~AR1254~~	0.0052	0.0017	3
	4.70		5695	AR1260	-0.0228	-8e-03	3
49	5.87	BB	107757	DCBP	0.0120	-------	0
			269061			-4e-03	

12/14/05 CMD

12/14/2005 07:18:05 Result: H:\TURBO6\5890-19\19B39191.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
16	2.26	VV	1993	AR1242-A	0.0060	0.0020	3
20	2.56	BB	3317	AR1242-B	0.0058	0.0019	3
21	2.66	BV	581	AR1242-C	0.0023	7.7e-04	3
			5890			0.0047	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
24	3.01	BV	909	AR1248-A	0.0022	7.4e-04	3
25	3.10	VV	614	AR1248-B	0.0018	5.9e-04	3
30	3.45	VV	1883	AR1248-C	0.0054	0.0018	3
			3405			0.0031	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
33	3.75	VV	3369	AR1254-A	0.0049	0.0016	3
34	3.88	VV	3912	AR1254-B	0.0060	0.0020	3
37	4.28	VV	2404	AR1254-C	0.0044	0.0015	3
			9685			0.0051	

Group Report For : AR1260

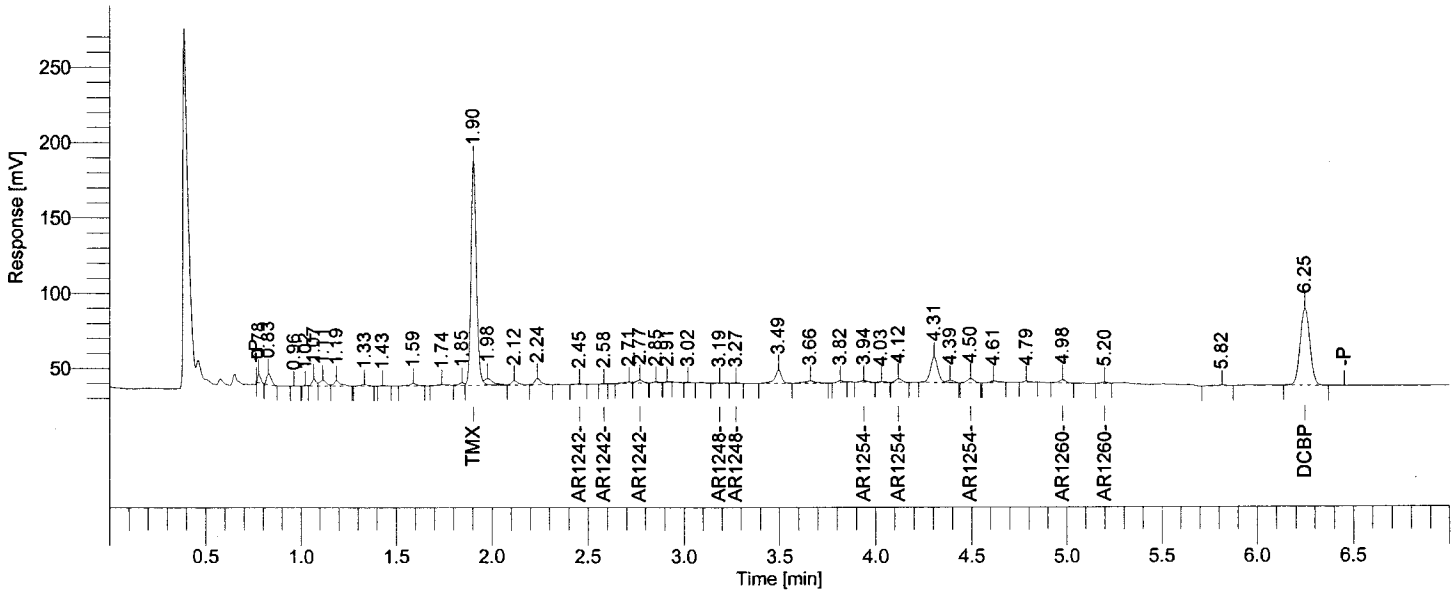
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
42	4.70	VB	3121	AR1260-A	-0.0233	-8e-03	3
44	5.00	BB	2279	AR1260-B	-0.0244	-8e-03	3
46	5.38	BB	296	AR1260-C	-0.0159	-5e-03	3
			5695			-0.0212	

12/14/05

BAL

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:18:03
Reprocess Number	: buf2042: 85652		
Operator	: tchrom	Sample Name	: AW50029490
Sample Number	: A5D98504	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 04:10:25	Cycle	: 30

Raw Data File : H:\TURBO6\5890-19\19A39191.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39191.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39191.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39191.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(11-30-05).mth from H:\TURBO6\5890-19\19A39191.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
13	1.90	VE	287287	TMX	0.0148	-------	0
	2.77		6568	AR~~1242~~	0.0029	9.5e-04	3
	4.50		15942	AR~~1254~~	0.0047	0.0016	3
	4.98		7365	AR1260	-0.0198	-7e-03	3
40	6.25	BB	180938	DCBP	0.0126	-------	0
			498099			-4e-03	

12/14/05

12/14/2005 07:18:03 Result: H:\TURBO6\5890-19\19A39191.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
17	2.45	BB	1213	AR1242-A	0.0018	5.8e-04	3
18	2.58	BB	320	AR1242-B	7.6e-04	2.5e-04	3
20	2.77	VB	5035	AR1242-C	0.0042	0.0014	3
			6568			0.0023	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
24	3.19	BV	1158	AR1248-A	0.0014	4.5e-04	3
25	3.27	VB	889	AR1248-B	0.0013	4.3e-04	3
-	3.34		0	AR1248-C	0.0000	-------	-
			2047			8.8e-04	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
29	3.94	BB	2691	AR1254-A	0.0024	7.8e-04	3
31	4.12	BB	5924	AR1254-B	0.0054	0.0018	3
34	4.50	BB	7327	AR1254-C	0.0064	0.0021	3
			15942			0.0047	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
37	4.98	BB	5427	AR1260-A	-0.0132	-4e-03	3
38	5.20	BB	1938	AR1260-B	-0.0248	-8e-03	3
-	5.65		0	AR1260-C	0.0000	-------	-
			7365			-0.0127	

BAC 12/14/05

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW06-W-0-1205

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5D98505

Sample wt/vol: 1040.00 (g/mL) ML Lab File ID: 19B39192.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 12/06/2005 12/08/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 12/09/2005

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/14/2005

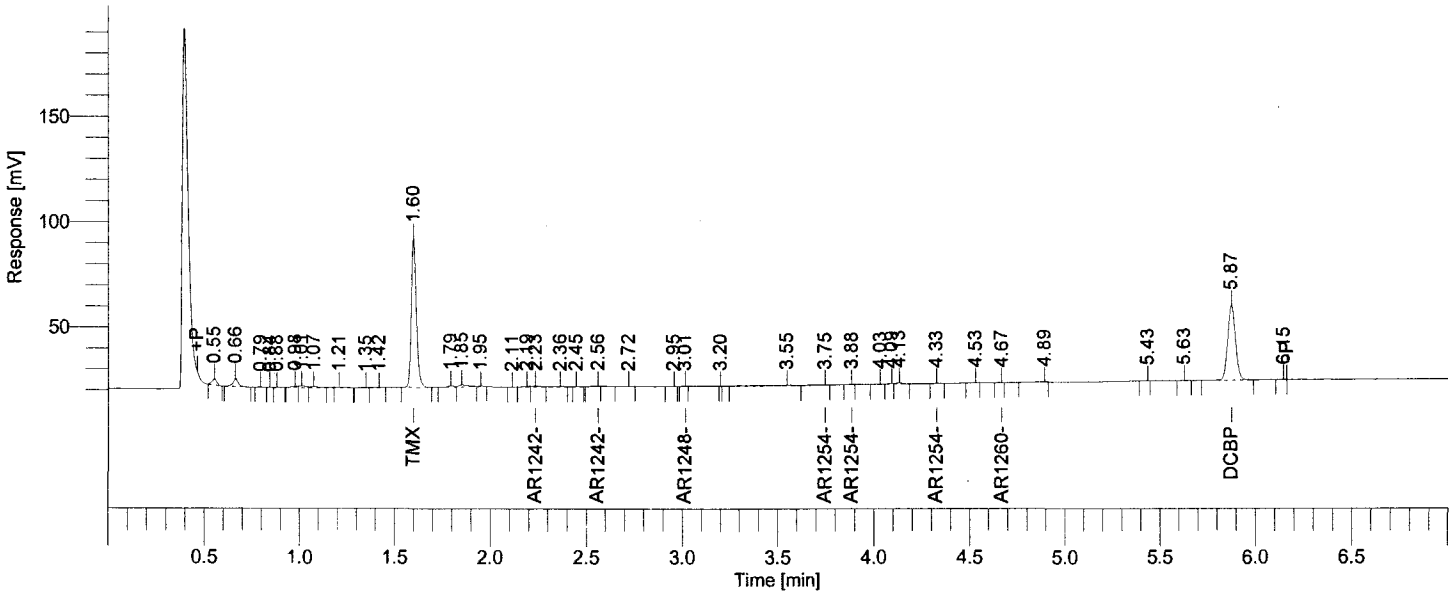
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:18:09
Reprocess Number	: buf2042: 85655		
Operator	: tchrom	Sample Name	: AW50029491
Sample Number	: A5D98505	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 04:28:30	Cycle	: 31

Raw Data File : H:\TURBO6\5890-19\19B39192.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39192.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39192.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39192.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(11-30-05).mth from H:\TURBO6\5890-19\19B39192.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
12	1.60	BB	129637	TMX	0.0143	-------	0
38	5.87	BB	102186	DCBP	0.0112	-------	0
			231823			0.0000	

12/14/05

12/14/2005 07:18:09 Result: H:\TURBO6\5890-19\19B39192.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
18	2.23	VV	1331	AR1242-A	0.0040	0.0013	3
21	2.56	BB	371	AR1242-B	6.5e-04	2.2e-04	3
-	2.66		0	AR1242-C	0.0000	-------	-
			1702			0.0016	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
24	3.01	BB	48	AR1248-A	1.2e-04	3.9e-05	3
-	3.10		0	AR1248-B	0.0000	-------	-
-	3.46		0	AR1248-C	0.0000	-------	-
			48			3.9e-05	

12/14/05

Group Report For : AR1254

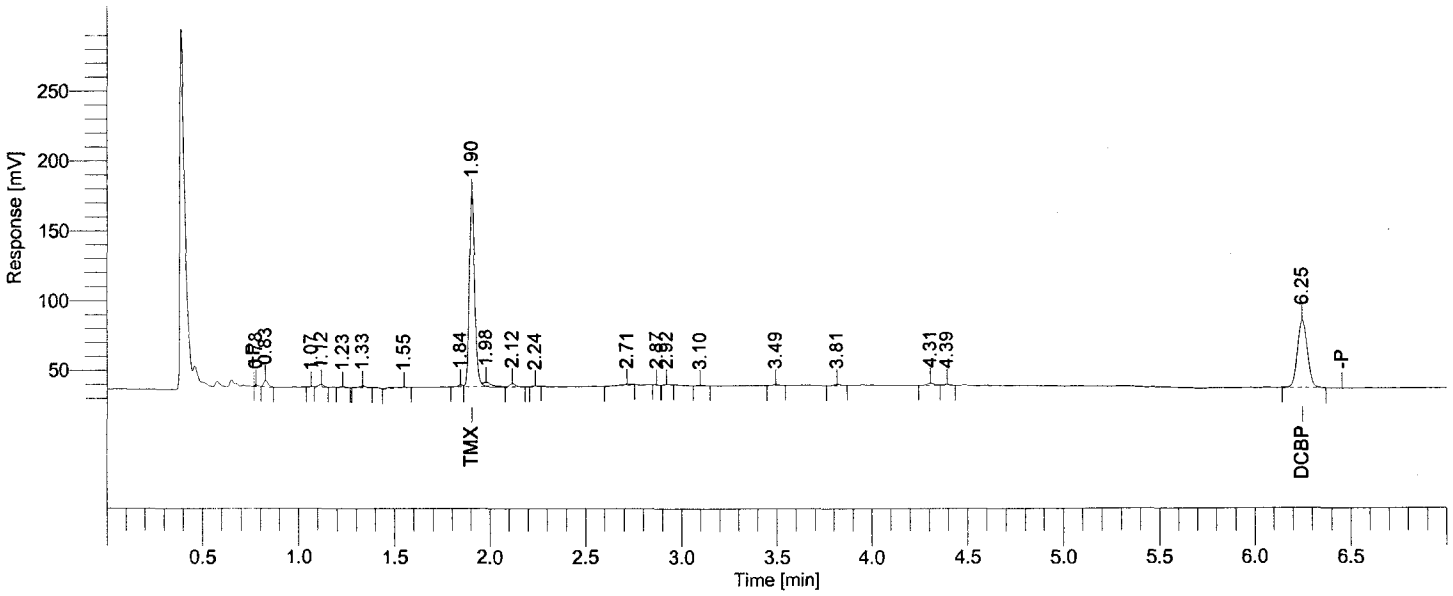
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
27	3.75	BB	754	AR1254-A	0.0011	3.6e-04	3
28	3.88	BB	70	AR1254-B	1.1e-04	3.6e-05	3
32	4.33	BB	364	AR1254-C	6.7e-04	2.2e-04	3
			1188			6.2e-04	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
34	4.67	BB	47	AR1260-A	-0.0279	-9e-03	3
-	5.01		0	AR1260-B	0.0000	-------	-
-	5.38		0	AR1260-C	0.0000	-------	-
			47			-9e-03	

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:18:07
Reprocess Number	: buf2042: 85654		
Operator	: tchrom	Sample Name	: AW50029491
Sample Number	: A5D98505	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 04:28:30	Cycle	: 31

Raw Data File : H:\TURBO6\5890-19\19A39192.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39192.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39192.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39192.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(11-30-05).mth from H:\TURBO6\5890-19\19A39192.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
9	1.90	VE	266580	TMX	0.0135	-------	0
21	6.25	BB	171524	DCBP	0.0117	-------	0
			438104			0.0000	

12/14/05

12/14/2005 07:18:07 Result: H:\TURBO6\5890-19\19A39192.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.45		0	AR1242-A	0.0000	-------	-
-	2.58		0	AR1242-B	0.0000	-------	-
-	2.77		0	AR1242-C	0.0000	-------	-
			0			0.0000	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.18		0	AR1248-A	0.0000	-------	-
-	3.27		0	AR1248-B	0.0000	-------	-
-	3.34		0	AR1248-C	0.0000	-------	-
			0			0.0000	

12/14/05

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.94		0	AR1254-A	0.0000	-------	-
-	4.12		0	AR1254-B	0.0000	-------	-
-	4.50		0	AR1254-C	0.0000	-------	-
			0			0.0000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.98		0	AR1260-A	0.0000	-------	-
-	5.20		0	AR1260-B	0.0000	-------	-
-	5.65		0	AR1260-C	0.0000	-------	-
			0			0.0000	

Standards

PCB INITIAL CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 B Date(s) Analyzed:

Column: ZB-5 12/01/2005 to 12/01/2005

	LEVEL (ng/ul) Area											
COMPOUND	0.025	0.05	0.1	0.25	0.5	1.0	2.5	Curve	R Squared	m_1	m_2	b
AR1016	53733	97710	186203	377254	679373	1230565	2595777	2nd	0.999786	1322814	-120408	39905
AR1260	53726	102261	215885	415956	774096	1398656	2991828	2nd	0.999705	1503134	-129241	40017
COMPOUND	0.005	0.01	0.02	0.03	0.04	0.05						
TMX	46260	111256	169347	244238	310291	380473		2nd	0.995422	8242370	-19906830	15714
DCBP	48035	108273	158943	221682	278159	336100		2nd	0.994175	7481200	-24675915	21323

Name	Level	File ID:
ICM66ML	0.025	H:\TURBO6\5890-19\19B38042.raw
ICM66MG	0.05	H:\TURBO6\5890-19\19B38041.raw
ICM66MF	0.10	H:\TURBO6\5890-19\19B38040.raw
ICM66ML	0.25	H:\TURBO6\5890-19\19B38039.raw
ICM66MK	0.5	H:\TURBO6\5890-19\19B38038.raw
ICM66MD	1.0	H:\TURBO6\5890-19\19B38037.raw
ICM66MI	2.5	H:\TURBO6\5890-19\19B38036.raw

Curve	Formula
1st Order	Area = Amt*m1 + b
2nd Order	Area = m1*Amt + m2((Amt)^2) + b

DEC 12 2005

FORM VIA PCB

6B

PCB INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 B Date(s) Analyzed:

Column: ZB-5 12/01/2005 to 12/01/2005

	LEVEL					INITIAL	WINDOW
COMPOUND	A	C	E	AVE RT	WINDOW (+/-)	From	To
TMX	1.60	1.60	1.60	1.60	0.08	1.52	1.68
AR1016-A	2.27	2.27	2.27	2.27	0.08	2.19	2.35
AR1016-B	2.56	2.56	2.56	2.56	0.08	2.48	2.64
AR1016-C	2.66	2.66	2.66	2.66	0.08	2.58	2.74
AR1260-A	4.70	4.70	4.70	4.70	0.08	4.62	4.78
AR1260-B	5.01	5.01	5.01	5.01	0.08	4.93	5.09
AR1260-C	5.38	5.38	5.38	5.38	0.08	5.30	5.46
DCBP	5.88	5.88	5.88	5.88	0.08	5.80	5.96

PCB SINGLE POINT CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo

Instrument: HP5890-19 B Date(s) Analyzed:

Column: ZB-5 11/30/2005 to 11/30/2005

	LEVEL (ng/ul)				
COMPOUND	0.5				
	Area	Calibration Factor	File ID:	Date	Time
AR1221	229569	459138	H:\TURBO6\5890-19\19B38026.raw	11/30/2005	21:22
AR1232	327514	655028	H:\TURBO6\5890-19\19B38028.raw	11/30/2005	21:58
AR1242	577621	1155242	H:\TURBO6\5890-19\19B38030.raw	11/30/2005	22:34
AR1248	551698	1103396	H:\TURBO6\5890-19\19B38032.raw	11/30/2005	23:10
AR1254	938804	1877608	H:\TURBO6\5890-19\19B38034.raw	11/30/2005	23:46

6B

PCB INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo

Instrument: HP5890-19 B Date(s) Analyzed:

Column: ZB-5 11/30/2005 to 11/30/2005

			INITIAL	WINDOW
COMPOUND	Retention Time	WINDOW (+/-)	From	To
AR1221-A	1.34	0.08	1.26	1.42
AR1221-B	1.83	0.08	1.75	1.91
AR1221-C	1.97	0.08	1.89	2.05
AR1232-A	2.56	0.08	2.48	2.64
AR1232-B	2.66	0.08	2.58	2.74
AR1232-C	3.01	0.08	2.93	3.09
AR1242-A	2.27	0.08	2.19	2.35
AR1242-B	2.56	0.08	2.48	2.64
AR1242-C	2.66	0.08	2.58	2.74
AR1248-A	3.01	0.08	2.93	3.09
AR1248-B	3.10	0.08	3.02	3.18
AR1248-C	3.46	0.08	3.38	3.54
AR1254-A	3.75	0.08	3.67	3.83
AR1254-B	3.88	0.08	3.80	3.96
AR1254-C	4.28	0.08	4.20	4.36

PCB INITIAL CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 A Date(s) Analyzed:

Column: ZB-35 12/01/2005 to 12/01/2005

	LEVEL (ng/ul) Area											
COMPOUND	0.025	0.05	0.1	0.25	0.5	1.0	2.5	Curve	R Squared	m_1	m_2	b
AR1016	71189	125471	233149	546199	959783	1711498	3663817	2nd	0.999554	2407792	-225685	73220
AR1260	73855	145778	272676	634433	1140584	2065937	4624023	2nd	0.999745	1905183	-148564	46524
COMPOUND	0.005	0.01	0.02	0.03	0.04	0.05						
TMX	105710	242567	369457	533486	691888	880071		2nd	0.995559	15877737	11499423	49766
DCBP	79670	174553	254817	361999	450764	542059		2nd	0.994776	12181175	-41769412	34426

Name	Level	File ID:
ICM66ML	0.025	H:\TURBO6\5890-19\19A38042.raw
ICM66MG	0.05	H:\TURBO6\5890-19\19A38041.raw
ICM66MF	0.10	H:\TURBO6\5890-19\19A38040.raw
ICM66ML	0.25	H:\TURBO6\5890-19\19A38039.raw
ICM66MK	0.5	H:\TURBO6\5890-19\19A38038.raw
ICM66MD	1.0	H:\TURBO6\5890-19\19A38037.raw
ICM66MI	2.5	H:\TURBO6\5890-19\19A38036.raw

Curve	Formula
1st Order	Area = Amt*m1 + b
2nd Order	Area = m1*Amt + m2((Amt)^2) + b

DEC 2 2005

FORM VIA PCB

6B

PCB INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 A Date(s) Analyzed:

Column: ZB-35 12/01/2005 to 12/01/2005

	LEVEL					INITIAL	WINDOW
COMPOUND	A	C	E	AVE RT	WINDOW (+/-)	From	To
TMX	1.90	1.90	1.90	1.90	0.08	1.82	1.98
AR1016-A	2.45	2.45	2.45	2.45	0.08	2.37	2.53
AR1016-B	2.58	2.58	2.58	2.58	0.08	2.50	2.66
AR1016-C	2.85	2.85	2.85	2.85	0.08	2.77	2.93
AR1260-A	4.98	4.98	4.98	4.98	0.08	4.90	5.06
AR1260-B	5.20	5.20	5.20	5.20	0.08	5.12	5.28
AR1260-C	5.64	5.65	5.65	5.65	0.08	5.57	5.73
DCBP	6.25	6.25	6.25	6.25	0.08	6.17	6.33

PCB SINGLE POINT CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo

Instrument: HP5890-19 A Date(s) Analyzed:

Column: ZB-35 11/30/2005 to 11/30/2005

	LEVEL (ng/ul)					
COMPOUND	0.5					
	Area	Calibration Factor		File ID:	Date	Time
AR1221	444338	888676		H:\TURBO6\5890-19\19A38026.raw	11/30/2005	21:22
AR1232	605285	1210570		H:\TURBO6\5890-19\19A38028.raw	11/30/2005	21:58
AR1242	1148376	2296752		H:\TURBO6\5890-19\19A38030.raw	11/30/2005	22:34
AR1248	873312	1746624		H:\TURBO6\5890-19\19A38032.raw	11/30/2005	23:10
AR1254	1699872	3399744		H:\TURBO6\5890-19\19A38034.raw	11/30/2005	23:46

6B

PCB INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo

Instrument: HP5890-19 A Date(s) Analyzed:

Column: ZB-35 11/30/2005 to 11/30/2005

			INITIAL	WINDOW
COMPOUND	Retention Time	WINDOW (+/-)	From	To
AR1221-A	1.49	0.08	1.41	1.57
AR1221-B	2.03	0.08	1.95	2.11
AR1221-C	2.15	0.08	2.07	2.23
AR1232-A	2.58	0.08	2.50	2.66
AR1232-B	2.77	0.08	2.69	2.85
AR1232-C	3.27	0.08	3.19	3.35
AR1242-A	2.45	0.08	2.37	2.53
AR1242-B	2.58	0.08	2.50	2.66
AR1242-C	2.77	0.08	2.69	2.85
AR1248-A	3.18	0.08	3.10	3.26
AR1248-B	3.27	0.08	3.19	3.35
AR1248-C	3.34	0.08	3.26	3.42
AR1254-A	3.94	0.08	3.86	4.02
AR1254-B	4.12	0.08	4.04	4.20
AR1254-C	4.50	0.08	4.42	4.58

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 B ICAL Date(s) Analyzed:

Column: ZB-5 12/01/2005 to: 12/01/2005

CCV ID: ICM66MN Date/Time: 12/13/2005 18:52

FILE ID: H:\TURBO6\5890-19\19B39160.raw

		DAILY	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.60	1.52	1.68	0.0316	0.0300	5.3
AR1016	2.55	2.47	2.63	0.5470	0.500	9.4
AR1260	4.69	4.61	4.77	0.5310	0.500	6.2
DCBP	5.87	5.79	5.95	0.0315	0.0300	4.9

Ave %D = 6.5

* Value >15.0% Difference

7A

CONFIRMATION COLUMN

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 A ICAL Date(s) Analyzed:

Column: ZB-35 12/01/2005 to: 12/01/2005

CCV ID: ICM66MN Date/Time: 12/13/2005 18:52

FILE ID: H:\TURBO6\5890-19\19A39160.raw

		DAILY	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.90	1.82	1.98	0.0308	0.0300	2.6
AR1016	2.45	2.37	2.53	0.5335	0.500	6.7
AR1260	4.98	4.90	5.06	0.5674	0.500	13.5
DCBP	6.25	6.17	6.33	0.0328	0.0300	9.4

Ave %D = 8.0

* Value >15.0% Difference

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 B ICAL Date(s) Analyzed:

Column: ZB-5 11/30/2005 to: 11/30/2005

CCV ID: ICM54UA Date/Time: 12/13/2005 22:27

FILE ID: H:\TURBO6\5890-19\19B39172.raw

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.60	1.52	1.68	0.0316	0.0300	5.3
AR1254	3.87	3.79	3.95	0.5375	0.500	7.5
DCBP	5.87	5.79	5.95	0.0302	0.0300	0.7

Ave %D = 4.5

* Value >15.0% Difference

7A

CONFIRMATION COLUMN

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 A ICAL Date(s) Analyzed:

Column: ZB-35 11/30/2005 to: 11/30/2005

CCV ID: ICM54UA Date/Time: 12/13/2005 22:27

FILE ID: H:\TURBO6\5890-19\19A39172.raw

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.90	1.82	1.98	0.0287	0.0300	-4.5
AR1254	4.12	4.04	4.20	0.5529	0.500	10.6
DCBP	6.25	6.17	6.33	0.0310	0.0300	3.2

Ave %D = 6.1

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 B ICAL Date(s) Analyzed:

Column: ZB-5 12/01/2005 to: 12/01/2005

CCV ID: ICM66MN Date/Time: 12/14/2005 02:04

FILE ID: H:\TURBO6\5890-19\19B39184.raw

		DAILY	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.60	1.52	1.68	0.0312	0.0300	3.9
AR1016	2.55	2.47	2.63	0.5360	0.500	7.2
AR1260	4.70	4.62	4.78	0.5215	0.500	4.3
DCBP	5.87	5.79	5.95	0.0311	0.0300	3.8

Ave %D = 4.8

* Value >15.0% Difference

7A

CONFIRMATION

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 A ICAL Date(s) Analyzed:

Column: ZB-35 12/01/2005 to: 12/01/2005

CCV ID: ICM66MN Date/Time: 12/14/2005 02:04

FILE ID: H:\TURBO6\5890-19\19A39184.raw

		DAILY	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.90	1.82	1.98	0.0302	0.0300	0.7
AR1016	2.45	2.37	2.53	0.5220	0.500	4.4
AR1260	4.98	4.90	5.06	0.5666	0.500	13.3
DCBP	6.25	6.17	6.33	0.0323	0.0300	7.6

Ave %D = 6.5

* Value >15.0% Difference

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 B ICAL Date(s) Analyzed:

Column: ZB-5 11/30/2005 to: 11/30/2005

CCV ID: ICM54UA Date/Time: 12/14/2005 04:46

FILE ID: H:\TURBO6\5890-19\19B39193.raw

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.60	1.52	1.68	0.0317	0.0300	5.8
AR1254	3.87	3.79	3.95	0.5556	0.500	11.1
DCBP	5.87	5.79	5.95	0.0315	0.0300	5.1

Ave %D = 7.3

* Value >15.0% Difference

CONFIRMATION COLUMN

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 A ICAL Date(s) Analyzed:

Column: ZB-35 11/30/2005 to: 11/30/2005

CCV ID: ICM54UA Date/Time: 12/14/2005 04:46

FILE ID: H:\TURBO6\5890-19\19A39193.raw

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.90	1.82	1.98	0.0288	0.0300	-4.1
AR1254	4.12	4.04	4.20	0.5761	0.500	15.2 *
DCBP	6.25	6.17	6.33	0.0327	0.0300	9.1

Ave %D = 9.5

* Value >15.0% Difference

TotalChrom Method File H:\TURBO6\5890-19\SB66(11-30-05).mth
Printed by : RudzG on: 12/01/2005 11:42:50
Created by : DelongG on: 12/01/2005 08:29:11
Edited by : RudzG on: 12/01/2005 11:42:46
Number of Times Edited : 8
Number of Times Calibrated : 277
Description: NEW 7 PT 1016/1260 CURVE FOR INST #19 11/30/05

Global Sample Information
Default Sample Volume : 1.000 uL
Quantitation Units : ng
Void Time : 0.000 min
Correct amounts during calibration : Yes
Convert unknowns to concentration units : Yes
Reject outliers during calibration : No

An External Standard calibration will be used
Unknown peaks will be quantitated using a response factor of 1.000000e+06
First peak will be relative retention reference

Processed by: GRD 12/1/05
Reviewed by: DEC 1 2005

Component Information
TMX
Component Type : Single Peak Component
Retention Time : 1.598 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.030000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.020000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	46260.47	25553.28	————	————	1
B	0.0100	111256.39	62048.94	————	————	1
C	0.0200	169347.17	94115.07	————	————	1
D	0.0300	244238.07	135570.98	————	————	1
E	0.0400	310291.48	171830.23	————	————	1
F	0.0500	380472.62	209444.43	————	————	1

Calibration Curve : y = (15714.001586) + (8242370.452813)x + (-19906830.041698)x^2 + (0.000000)x^3
R-squared : 0.995422

AR1016-A
Component Type : Single Peak Component
Retention Time : 2.266 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	27690.82	12358.47	————	————	1
b	0.1000	53542.60	23586.07	————	————	1
c	0.2500	107523.30	47328.09	————	————	1
d	0.5000	194582.66	85467.53	————	————	1
e	1.0000	346574.14	152195.46	————	————	1
f	2.5000	718720.11	316198.78	————	————	1
H	0.0250	14716.67	6676.93	————	————	1

Calibration Curve : y = (11487.010071) + (377352.819272)x + (-37864.200375)x^2 + (0.000000)x^3
R-squared : 0.999692

12/01/2005 11:42:50 Method: H:\TURBO6\5890-19\SB66(11-30-05).mth

AR1016-B
Component Type : Single Peak Component
Retention Time : 2.556 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	49549.34	18965.73	----------	----------	1
b	0.1000	93068.18	37115.85	----------	----------	1
c	0.2500	188227.39	77432.50	----------	----------	1
d	0.5000	334652.12	141949.25	----------	----------	1
e	1.0000	610593.83	257558.22	----------	----------	1
f	2.5000	1293915.04	551782.48	----------	----------	1
H	0.0250	28561.73	10038.73	----------	----------	1

Calibration Curve : y = (21232.410711) + (651044.760188)x + (-56884.060491)x^2 + (0.000000)x^3
R-squared : 0.999808

AR1016
Component Type : Named Group
Group Members
AR1016-A
AR1016-B
AR1016-C
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.600000
Value 4 : 0.000000
Value 5 : 0.250000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	97710.01	39233.96	----------	----------	1
b	0.1000	186203.15	76113.20	----------	----------	1
c	0.2500	377254.09	156699.05	----------	----------	1
d	0.5000	679373.04	286424.23	----------	----------	1
e	1.0000	1230565.36	517311.65	----------	----------	1
f	2.5000	2595777.40	1.10e+06	----------	----------	1
H	0.0250	53733.08	20862.54	----------	----------	1

Calibration Curve : y = (39905.151016) + (1322813.557090)x + (-120408.536690)x^2 + (0.000000)x^3
R-squared : 0.999786

AR1016-C
Component Type : Single Peak Component
Retention Time : 2.663 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

12/01/2005 11:42:50 Method: H:\TURBO6\5890-19\SB66(11-30-05).mth

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	20469.85	7909.76	———	———	1
b	0.1000	39592.36	15411.28	———	———	1
c	0.2500	81503.40	31938.47	———	———	1
d	0.5000	150138.25	59007.45	———	———	1
e	1.0000	273397.39	107557.97	———	———	1
f	2.5000	583142.24	229815.73	———	———	1
H	0.0250	10454.69	4146.88	———	———	1

Calibration Curve : y = (7185.730234) + (294415.977630)x + (-25660.275824)x^2 + (0.000000)x^3
R-squared : 0.999821

AR1260-A
Component Type : Single Peak Component
Retention Time : 4.700 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	47092.01	18200.03	———	———	1
b	0.1000	97192.50	35739.80	———	———	1
c	0.2500	188995.11	72798.82	———	———	1
d	0.5000	348452.73	133503.69	———	———	1
e	1.0000	632532.39	243096.76	———	———	1
f	2.5000	1365538.01	529019.42	———	———	1
H	0.0250	25022.09	9782.53	———	———	1

Calibration Curve : y = (18896.799745) + (674820.372421)x + (-54587.299520)x^2 + (0.000000)x^3
R-squared : 0.999731

AR1260
Component Type : Named Group
Group Members
AR1260-A
AR1260-B
AR1260-C
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.600000
Value 4 : 0.000000
Value 5 : 0.250000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	102261.41	34556.52	———	———	1
b	0.1000	215885.47	68985.86	———	———	1
c	0.2500	415956.38	140670.24	———	———	1
d	0.5000	774096.41	258997.08	———	———	1
e	1.0000	1398655.58	470941.87	———	———	1
f	2.5000	2991828.12	1.02e+06	———	———	1
H	0.0250	53726.44	18399.73	———	———	1

Calibration Curve : y = (40017.164096) + (1503134.329075)x + (-129240.787181)x^2 + (0.000000)x^3
R-squared : 0.999705

12/01/2005 11:42:50 Method: H:\TURBO6\5890-19\SB66(11-30-05).mth

AR1260-B
Component Type : Single Peak Component
Retention Time : 5.005 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	42233.44	11479.31	————	————	1
b	0.1000	93741.41	23508.70	————	————	1
c	0.2500	176098.08	47550.62	————	————	1
d	0.5000	326538.70	87302.82	————	————	1
e	1.0000	588234.51	158835.51	————	————	1
f	2.5000	1254962.39	340293.78	————	————	1
H	0.0250	23023.59	6227.51	————	————	1

Calibration Curve : y = (17712.865746) + (632451.610138)x + (-55144.797869)x^2 + (0.000000)x^3
R-squared : 0.999627

AR1260-C
Component Type : Single Peak Component
Retention Time : 5.376 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	12935.96	4877.18	————	————	1
b	0.1000	24951.56	9737.36	————	————	1
c	0.2500	50863.19	20320.80	————	————	1
d	0.5000	99104.99	38190.57	————	————	1
e	1.0000	177888.68	69009.59	————	————	1
f	2.5000	371327.72	147729.25	————	————	1
H	0.0250	5680.76	2389.69	————	————	1

Calibration Curve : y = (3407.498606) + (195862.346515)x + (-19508.689792)x^2 + (0.000000)x^3
R-squared : 0.999787

DCBP
Component Type : Single Peak Component
Retention Time : 5.878 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

12/01/2005 11:42:50 Method: H:\TURBO6\5890-19\SB66(11-30-05).mth

User Values
Label :
Value 1 : 0.030000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.020000
Value 6 : 0.010000
Value 7 : 1.000000

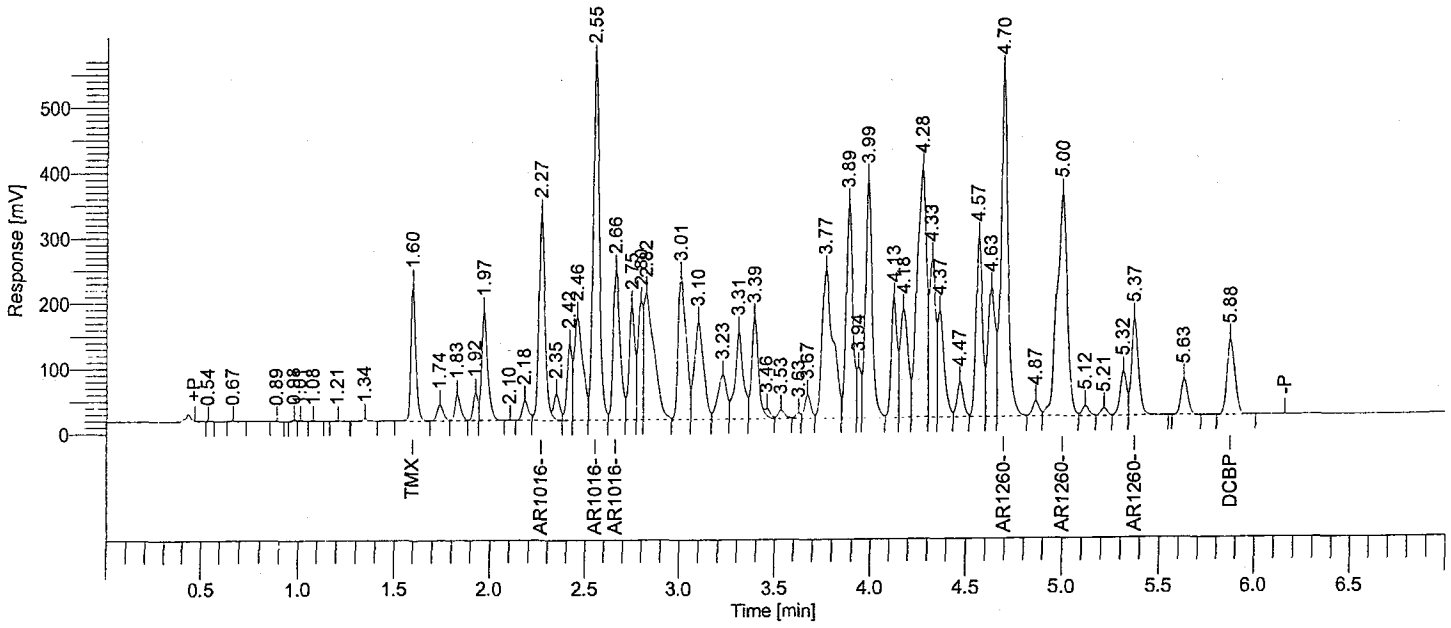
Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	48035.43	17050.81	----------	----------	1
B	0.0100	108272.77	37637.65	----------	----------	1
C	0.0200	158942.68	54954.64	----------	----------	1
D	0.0300	221681.50	75696.77	----------	----------	1
E	0.0400	278159.28	94970.68	----------	----------	1
F	0.0500	336100.37	114772.09	----------	----------	1

Calibration Curve : y = (21323.411282) + (7481200.018771)x + (-24675915.147963)x^2 + (0.000000)x^3
R-squared : 0.994175

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:31:26
Reprocess Number	: buf2042: 83334		
Operator	: tchrom	Sample Name	: ICM66MI
Sample Number	: 2.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 00:22:59	Cycle	: 11

Raw Data File : H:\TURBO6\5890-19\19B38036.raw <Modified>
Result File : H:\TURBO6\5890-19\19B38036.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B38036.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B38036.rst
Calib Method : h:\turbo6\5890-19\sb66(11-30-05).mth from H:\TURBO6\5890-19\19B38036.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
9	1.60	BV	380473	TMX	0.0500	-------	0
	2.55		2595777	AR1016	2.5000	0.8333	3
	4.70		2991828	AR1260	2.5000	0.8333	3
54	5.88	VB	336100	DCBP	0.0500	-------	0
			6304179			1.6667	

DEC 1 2005

12/01/2005 09:31:26 Result: H:\TURBO6\5890-19\19B38036.rst

Group Report For : AR1016

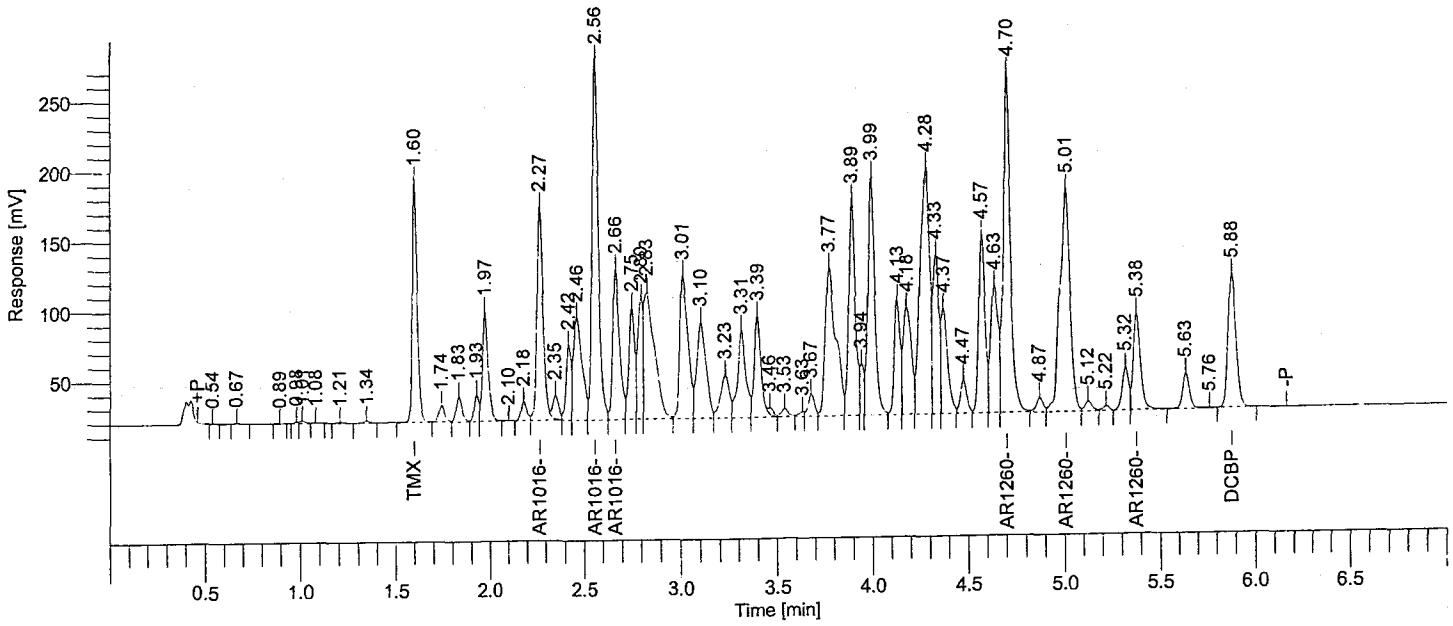
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
16	2.27	VE	718720	AR1016-A	2.5000	0.8333	3
20	2.55	VV	1293915	AR1016-B	2.5000	0.8333	3
21	2.66	VV	583142	AR1016-C	2.5000	0.8333	3
			2595777			2.5000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
46	4.70	VV	1365538	AR1260-A	2.5000	0.8333	3
48	5.00	VV	1254962	AR1260-B	2.5000	0.8333	3
52	5.37	VB	371328	AR1260-C	2.5000	0.8333	3
			2991828			2.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:31:33
Reprocess Number	: buf2042: 83336		
Operator	: tchrom	Sample Name	: ICM66MD
Sample Number	: 1.0NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 00:40:56	Cycle	: 12

Raw Data File : H:\TURBO6\5890-19\19B38037.raw <Modified>
Result File : H:\TURBO6\5890-19\19B38037.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B38037.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B38037.rst
Calib Method : h:\turbo6\5890-19\sb66(11-30-05).mth from H:\TURBO6\5890-19\19B38037.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
9	1.60	BV	310291	TMX	0.0400	------	0
	2.56		1230565	AR1016	1.0000	0.3333	3
	4.70		1398656	AR1260	1.0000	0.3333	3
55	5.88	VB	278159	DCBP	0.0400	------	0
			3217672			0.6667	

9 DEC 1 2005

12/01/2005 09:31:33 Result: H:\TURBO6\5890-19\19B38037.rst

Group Report For : AR1016

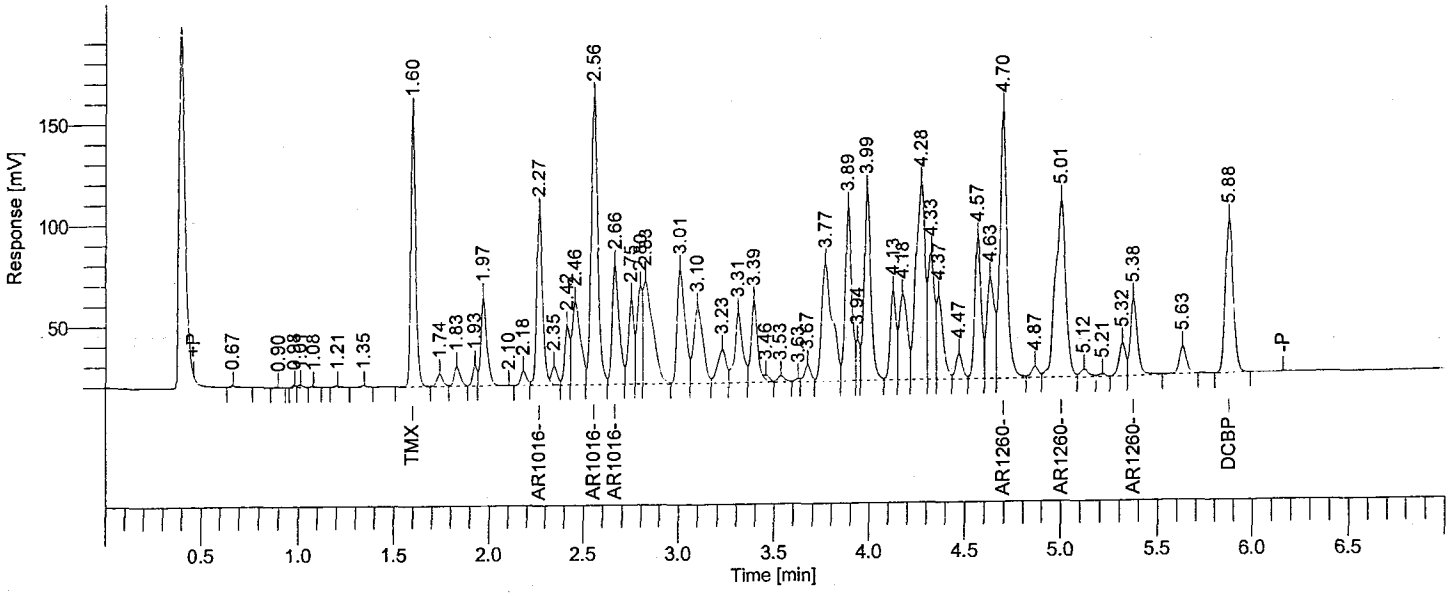
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
16	2.27	VE	346574	AR1016-A	1.0000	0.3333	3
20	2.56	VV	610594	AR1016-B	1.0000	0.3333	3
21	2.66	VV	273397	AR1016-C	1.0000	0.3333	3
			1230565			1.0000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
46	4.70	VV	632532	AR1260-A	1.0000	0.3333	3
48	5.01	VV	588235	AR1260-B	1.0000	0.3333	3
52	5.38	VV	177889	AR1260-C	1.0000	0.3333	3
			1398656			1.0000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:31:38
Reprocess Number	: buf2042: 83338		
Operator	: tchrom	Sample Name	: ICM66MK
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 00:58:55	Cycle	: 13

Raw Data File : H:\TURBO6\5890-19\19B38038.raw <Modified>
Result File : H:\TURBO6\5890-19\19B38038.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B38038.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B38038.rst
Calib Method : h:\turbo6\5890-19\sb66(11-30-05).mth from H:\TURBO6\5890-19\19B38038.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
8	1.60	BV	244238	TMX	0.0300	-------	0
	2.56		679373	AR1016	0.5000	0.1667	3
	4.70		774096	AR1260	0.5000	0.1667	3
53	5.88	VB	221682	DCBP	0.0300	-------	0
			1919389			0.3333	

9 DEC 1 2005

12/01/2005 09:31:38 Result: H:\TURBO6\5890-19\19B38038.rst

Group Report For : AR1016

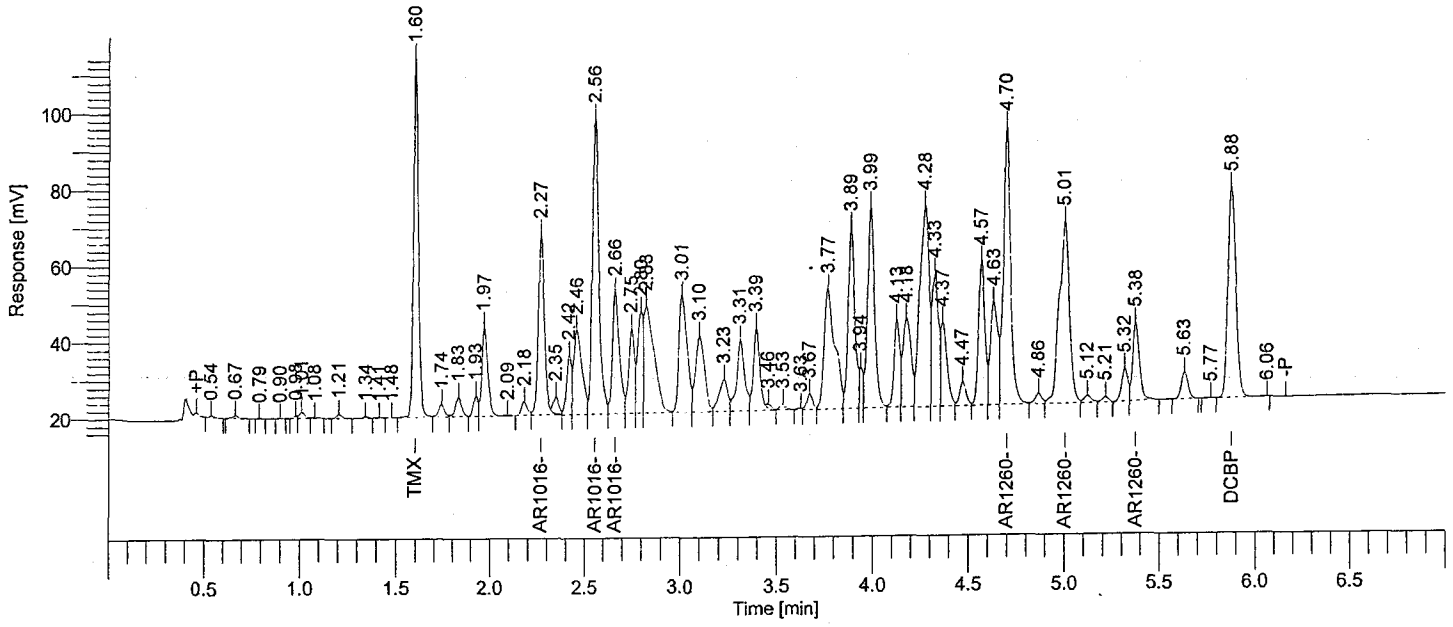
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
15	2.27	VE	194583	AR1016-A	0.5000	0.1667	3
19	2.56	VV	334652	AR1016-B	0.5000	0.1667	3
20	2.66	VV	150138	AR1016-C	0.5000	0.1667	3
			679373			0.5000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
45	4.70	VV	348453	AR1260-A	0.5000	0.1667	3
47	5.01	VV	326539	AR1260-B	0.5000	0.1667	3
51	5.38	VV	99105	AR1260-C	0.5000	0.1667	3
			774096			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:31:44
Reprocess Number	: buf2042: 83340		
Operator	: tchrom	Sample Name	: ICM66ML
Sample Number	: 0.25NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 01:16:51	Cycle	: 14

Raw Data File : H:\TURBO6\5890-19\19B38039.raw <Modified>
Result File : H:\TURBO6\5890-19\19B38039.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B38039.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B38039.rst
Calib Method : h:\turbo6\5890-19\sb66(11-30-05).mth from H:\TURBO6\5890-19\19B38039.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
12	1.60	VV	169347	TMX	0.0200	------	0
	2.56		377254	AR1016	0.2500	0.0833	3
	4.70		415956	AR1260	0.2500	0.0833	3
58	5.88	VE	158943	DCBP	0.0200	------	0
			1121500			0.1667	

DEC 1 20

12/01/2005 09:31:44 Result: H:\TURBO6\5890-19\19B38039.rst

Group Report For : AR1016

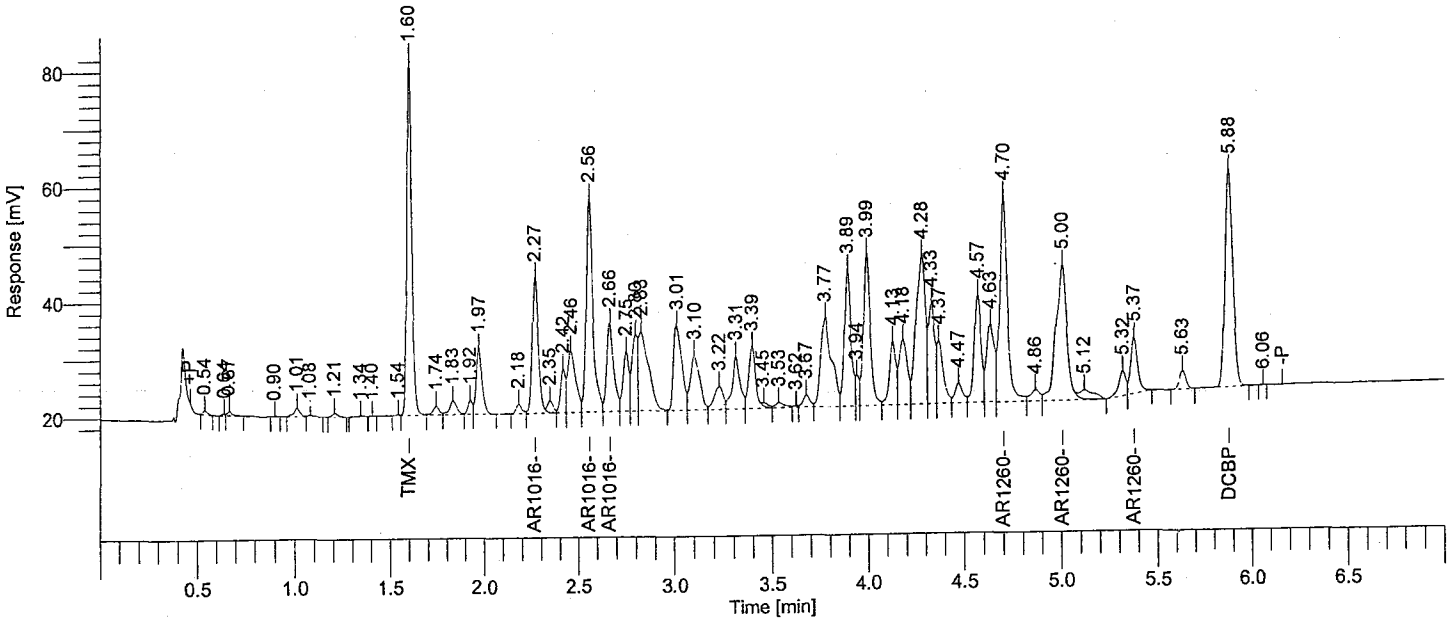
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
19	2.27	VE	107523	AR1016-A	0.2500	0.0833	3
23	2.56	VV	188227	AR1016-B	0.2500	0.0833	3
24	2.66	VV	81503	AR1016-C	0.2500	0.0833	3
			377254			0.2500	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
49	4.70	VV	188995	AR1260-A	0.2500	0.0833	3
51	5.01	VV	176098	AR1260-B	0.2500	0.0833	3
55	5.38	VB	50863	AR1260-C	0.2500	0.0833	3
			415956			0.2500	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:31:49
Reprocess Number	: buf2042: 83342		
Operator	: tchrom	Sample Name	: ICM66MF
Sample Number	: 0.1NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 01:34:51	Cycle	: 15

Raw Data File : H:\TURBO6\5890-19\19B38040.raw <Modified>
Result File : H:\TURBO6\5890-19\19B38040.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B38040.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B38040.rst
Calib Method : h:\turbo6\5890-19\sb66(11-30-05).mth from H:\TURBO6\5890-19\19B38040.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
11	1.60	VV	111256	TMX	0.0100	------	0
	2.56		186203	AR1016	0.1000	0.0333	3
	4.70		215885	AR1260	0.1000	0.0333	3
54	5.88	BB	108273	DCBP	0.0100	------	0
			621618			0.0667	

DEC 1 2005

12/01/2005 09:31:49 Result: H:\TURBO6\5890-19\19B38040.rst

Group Report For : AR1016

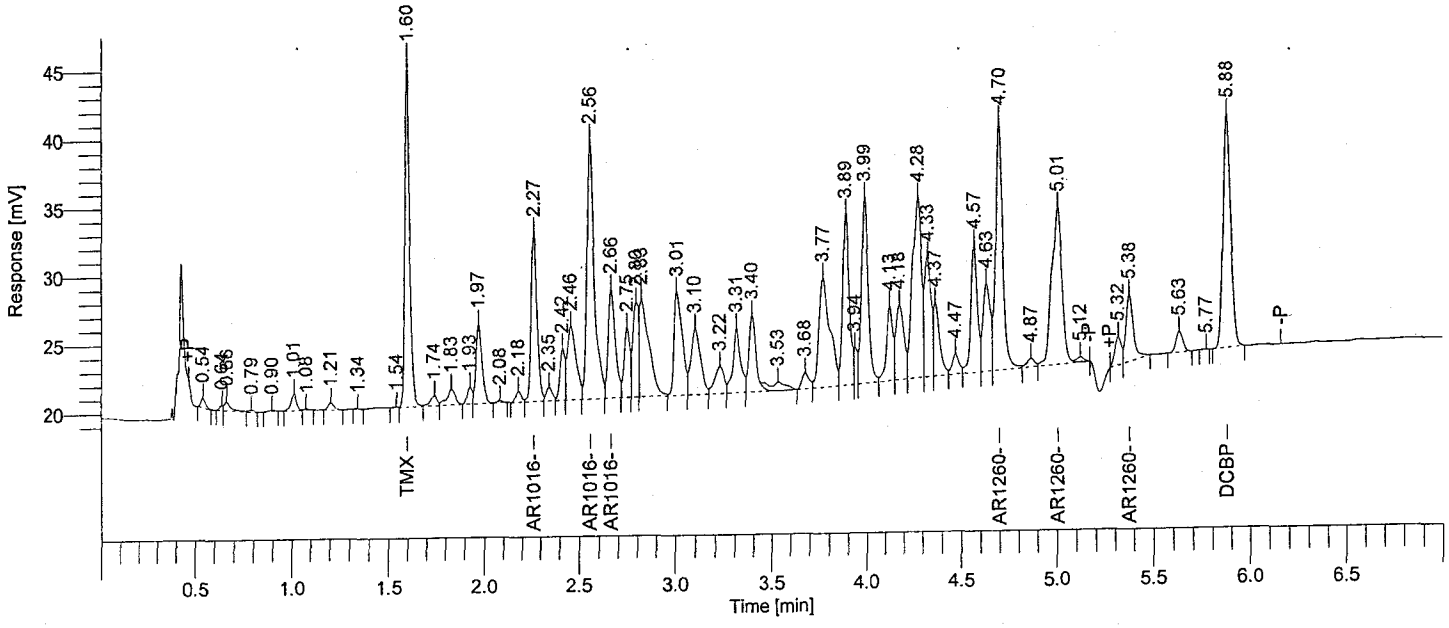
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
17	2.27	VE	53543	AR1016-A	0.1000	0.0333	3
21	2.56	VV	93068	AR1016-B	0.1000	0.0333	3
22	2.66	VV	39592	AR1016-C	0.1000	0.0333	3
			186203			0.1000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
47	4.70	VV	97192	AR1260-A	0.1000	0.0333	3
49	5.00	VE	93741	AR1260-B	0.1000	0.0333	3
52	5.37	VB	24952	AR1260-C	0.1000	0.0333	3
			215885			0.1000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 11:41:47
Reprocess Number	: buf2044: 228		
Operator	: tchrom	Sample Name	: ICM66MG
Sample Number	: 0.05NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 01:52:59	Cycle	: 16

Raw Data File : H:\TURBO6\5890-19\19B38041.raw <Modified>
Result File : H:\TURBO6\5890-19\19b38041.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B38041.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19b38041.rst
Calib Method : h:\turbo6\5890-19\sb66(11-30-05).mth from H:\TURBO6\5890-19\19b38041.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
11	1.60	VV	46260	TMX	0.0050	——	0
	2.56		97710	AR1016	0.0500	0.0167	3
	4.70		102261	AR1260	0.0500	0.0167	3
54	5.88	BB	48035	DCBP	0.0050	——	0
			294267			0.0333	

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
18	2.27	VV	27691	AR1016-A	0.0500	0.0167	3
22	2.56	VV	49549	AR1016-B	0.0500	0.0167	3
23	2.66	VV	20470	AR1016-C	0.0500	0.0167	3
			97710			0.0500	

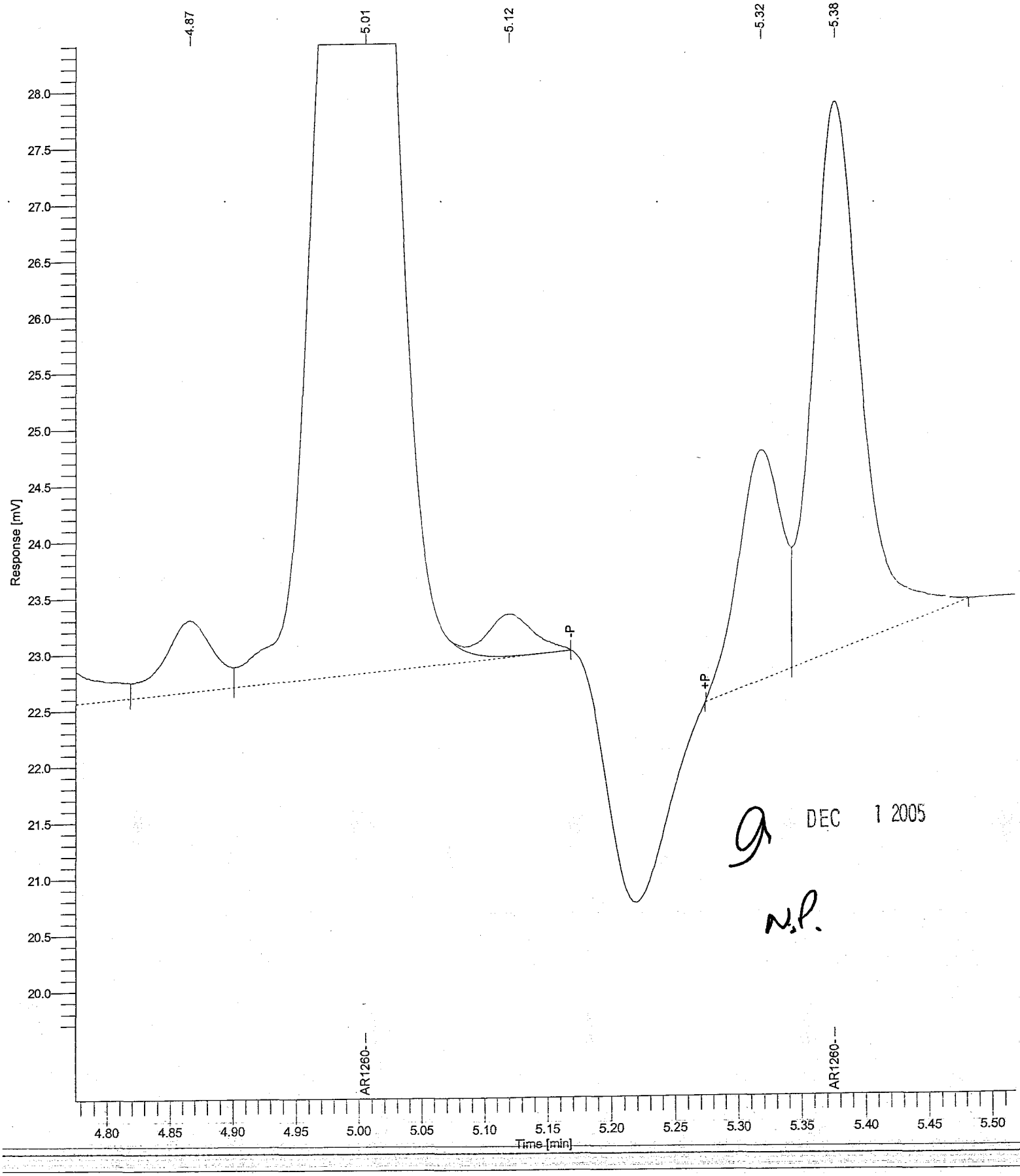
DEC 1 2005

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
46	4.70	VV	47092	AR1260-A	0.0500	0.0167	3
48	5.01	VE	42233	AR1260-B	0.0500	0.0167	3
51	5.38	VB	12936	AR1260-C	0.0500	0.0167	3
			102261			0.0500	

Chromatogram

Sample Name : ICM66MG
Sample #: 0.05NG
Page 1 of 1
FileName : H:\TURBO6\5890-19\19B38041.raw
Date : 12/01/2005 11:40:26
Method :
Time of Injection: 12/01/2005 01:52:59
Start Time : 4.78 min
End Time : 5.52 min
Low Point : 19.62 mV
High Point : 28.41 mV
Plot Offset: 19.62 mV
Plot Scale: 8.8 mV

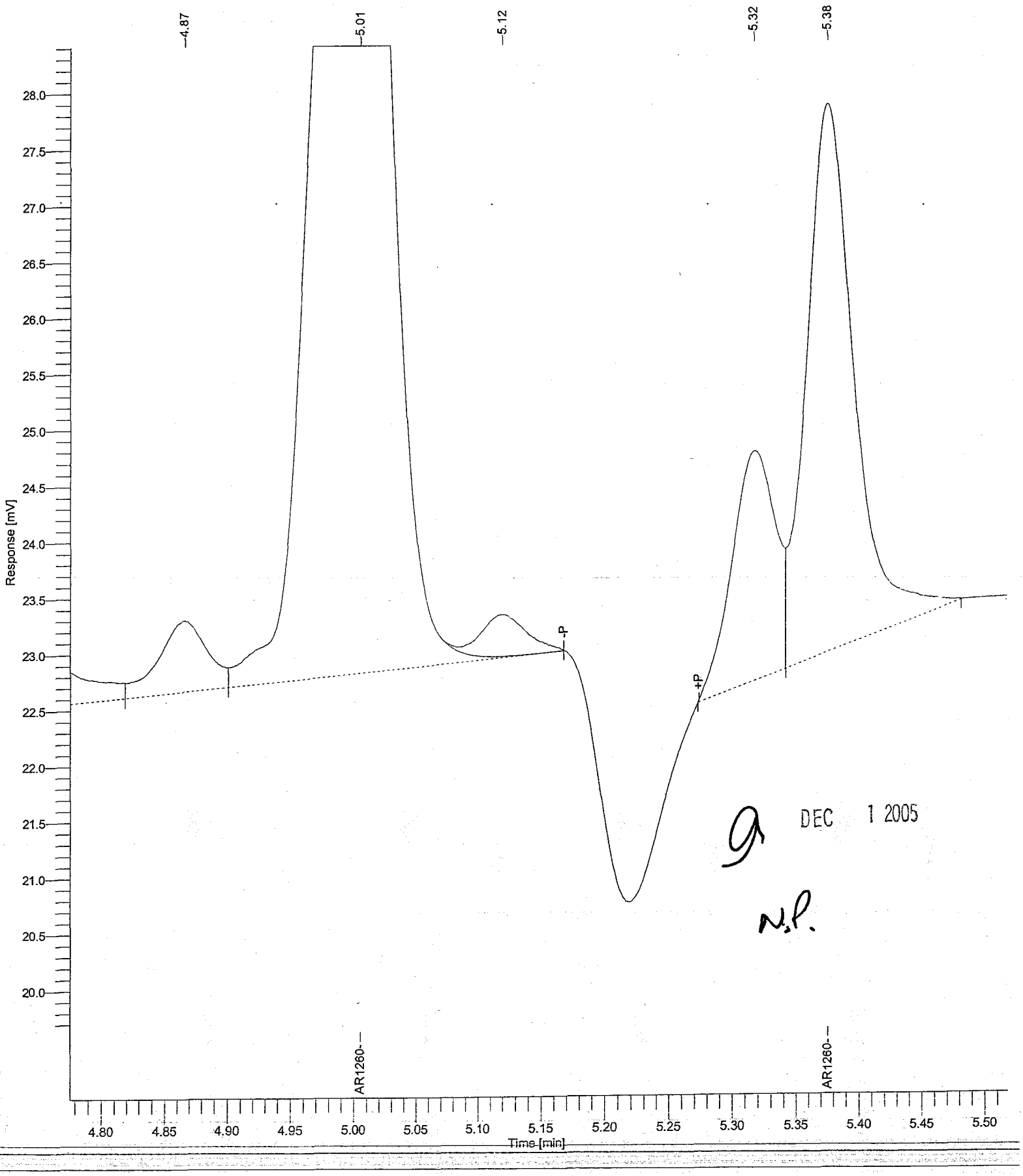


DEC 1 2005

N.P.

Chromatogram

Sample Name : ICM66MG
Sample #: 0.05NG
Page 1 of 1
FileName : H:\TURBO6\5890-19\19B38041.raw
Date : 12/01/2005 11:40:26
Method :
Time of Injection: 12/01/2005 01:52:59
Start Time : 4.78 min
End Time : 5.52 min
Low Point : 19.62 mV
High Point : 28.41 mV
Plot Offset: 19.62 mV
Plot Scale: 8.8 mV

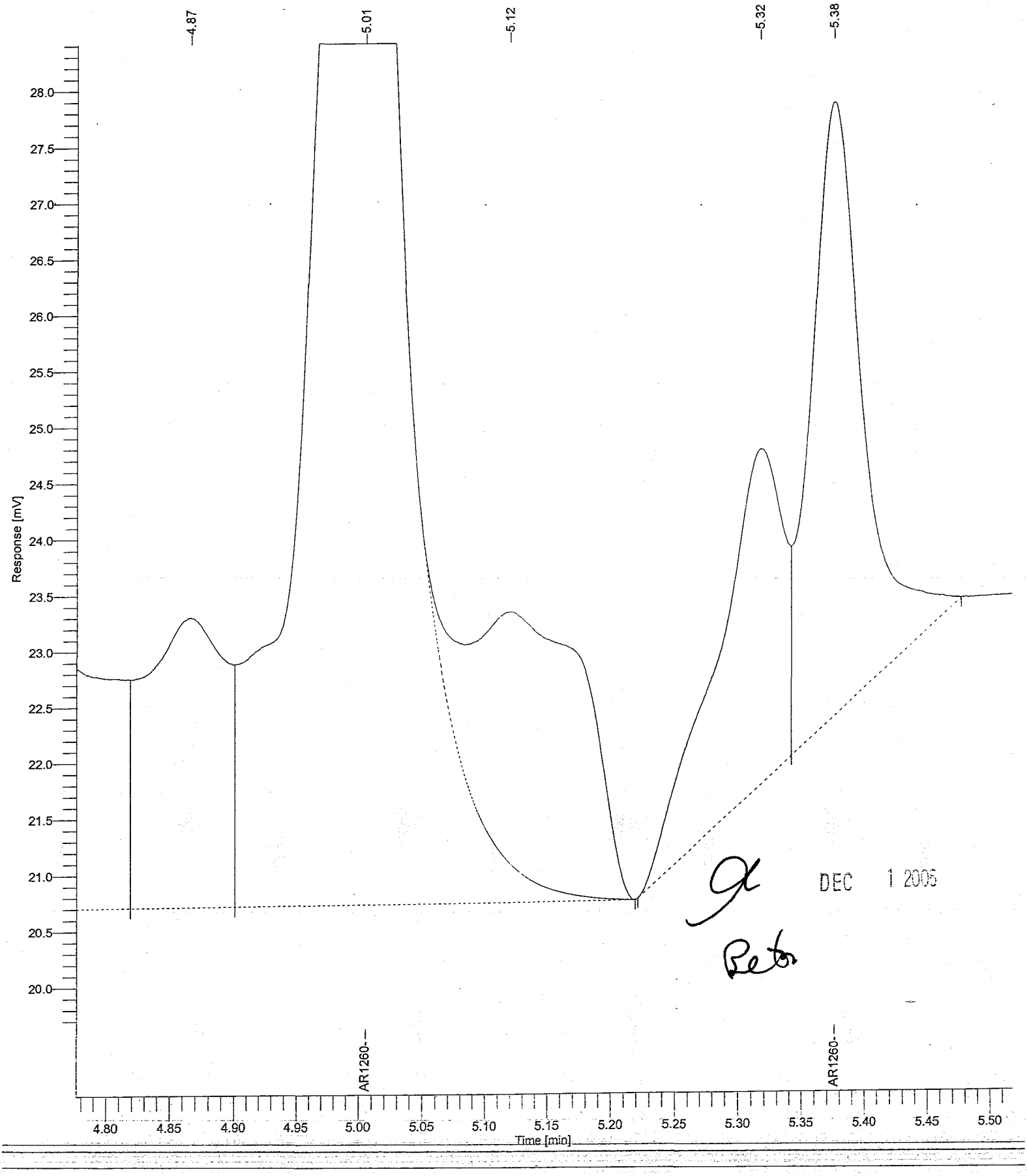


DEC 1 2005

N.P.

Chromatogram

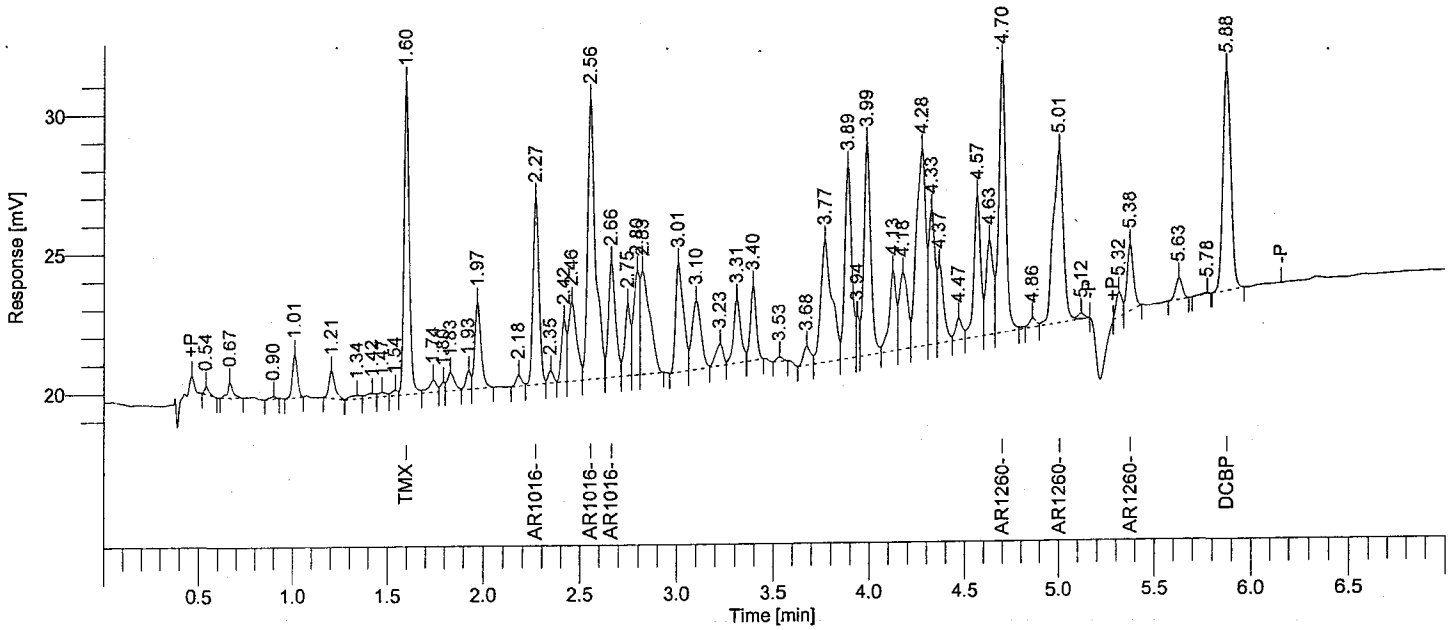
Sample Name : ICM66MG
Sample #: 0.05NG
Page 1 of 1
FileName : H:\TURBO6\5890-19\19B38041.raw
Date : 12/01/2005 11:39:57
Method :
Time of Injection: 12/01/2005 01:52:59
Start Time : 4.78 min
End Time : 5.52 min
Low Point : 19.62 mV
High Point : 28.41 mV
Plot Offset: 19.62 mV
Plot Scale: 8.8 mV



DEC 1 2005

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 11:41:49
Reprocess Number	: buf2044: 229		
Operator	: tchrom	Sample Name	: ICM66ML
Sample Number	: 0.025NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 02:11:09	Cycle	: 17

Raw Data File : H:\TURBO6\5890-19\19B38042.raw <Modified>
Result File : H:\TURBO6\5890-19\19b38042.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B38042.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19b38042.rst
Calib Method : h:\turbo6\5890-19\sb66(11-30-05).mth from H:\TURBO6\5890-19\19b38042.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
10	1.60	VV	20906	TMX	0.0030	----	0
	2.56		53733	AR1016	0.0250	0.0083	3
	4.70		53726	AR1260	0.0250	0.0083	3
53	5.88	BB	22309	DCBP	0.0029	----	0
			150675			0.0167	

DEC 1 2005

Group Report For : AR1016

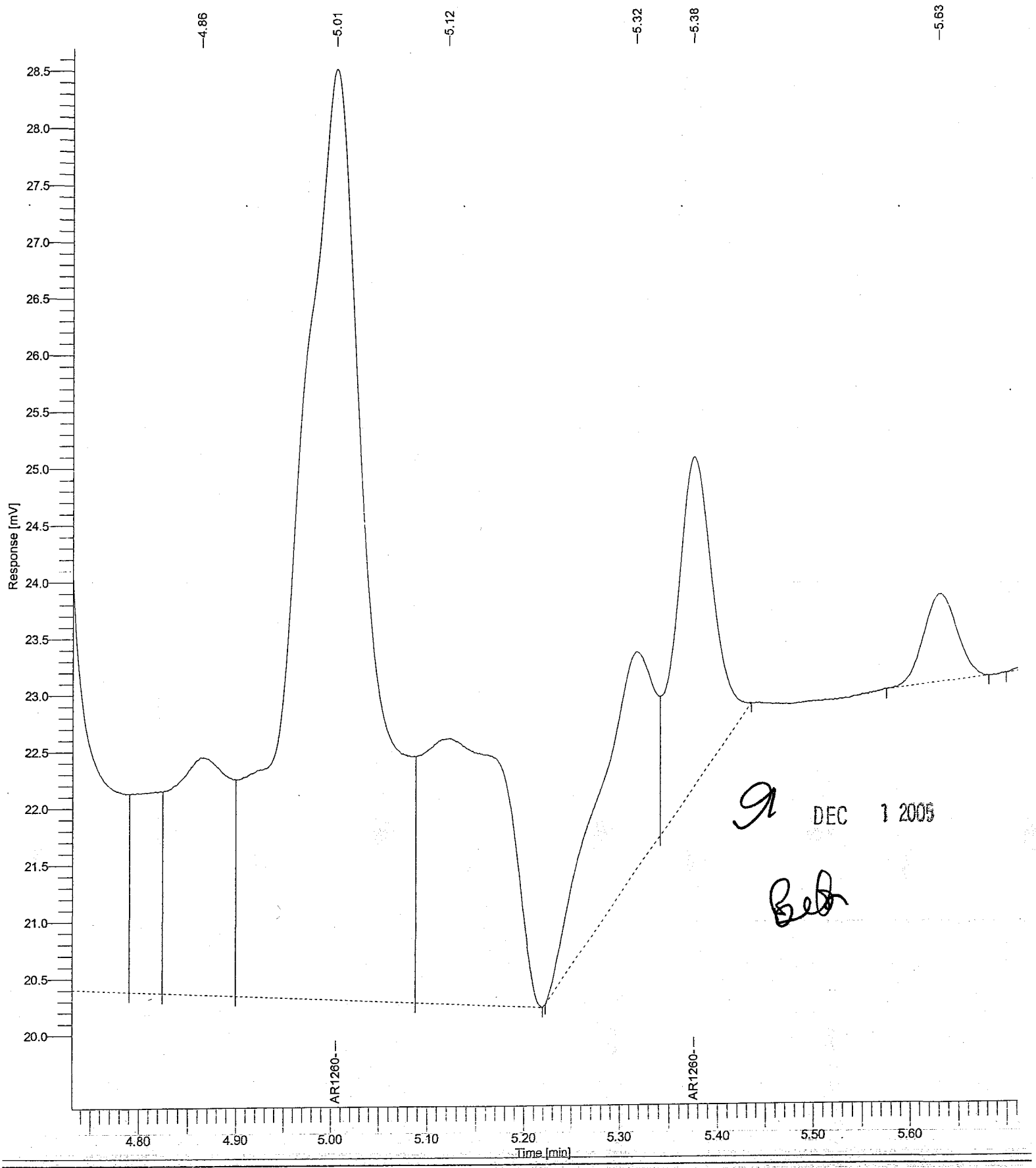
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
17	2.27	VV	14717	AR1016-A	0.0250	0.0083	3
21	2.56	VV	28562	AR1016-B	0.0250	0.0083	3
22	2.66	VV	10455	AR1016-C	0.0250	0.0083	3
			53733			0.0250	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
45	4.70	VV	25022	AR1260-A	0.0250	0.0083	3
47	5.01	VE	23024	AR1260-B	0.0250	0.0083	3
50	5.38	VB	5681	AR1260-C	0.0250	0.0083	3
			53726			0.0250	

Chromatogram

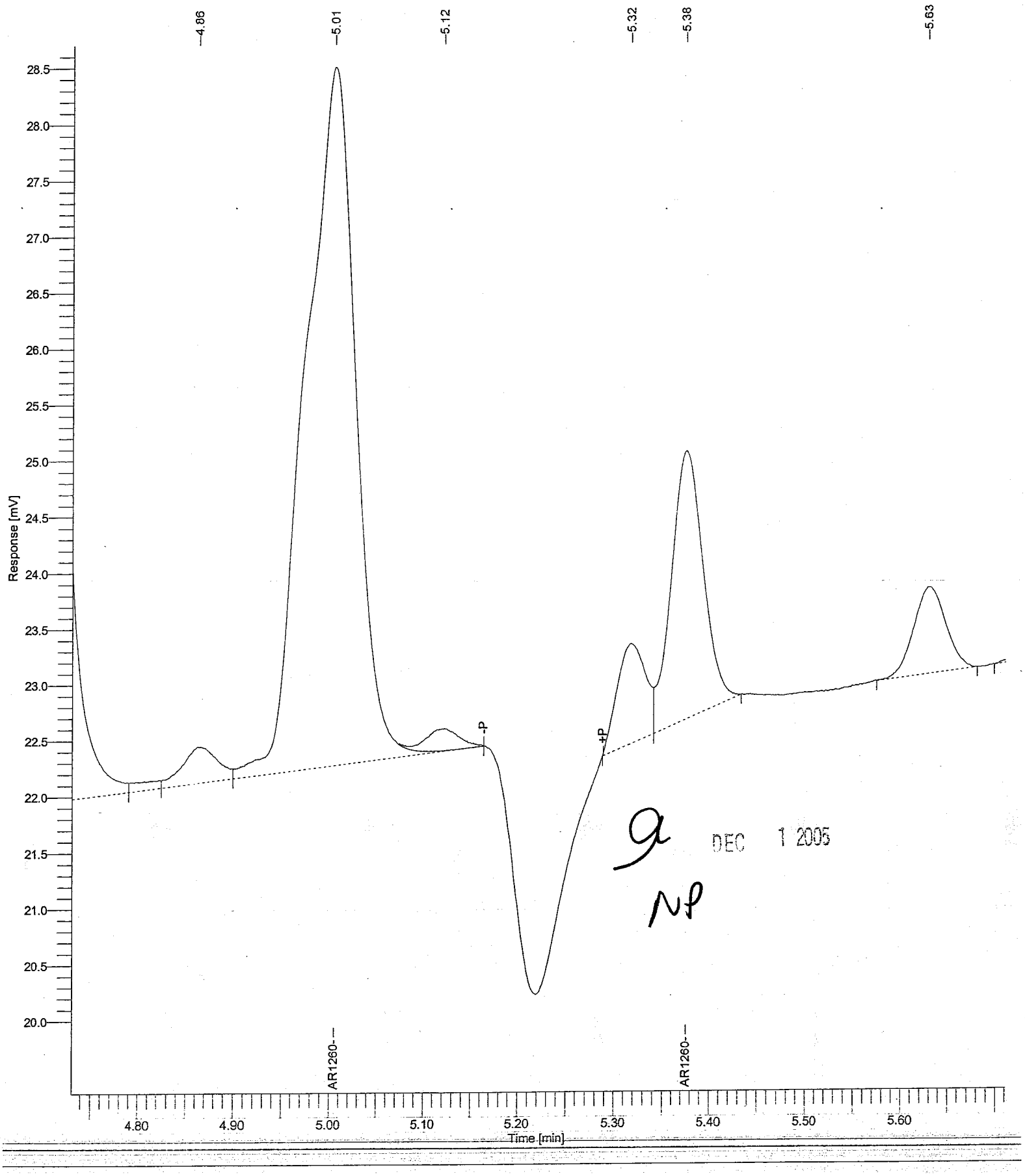
Sample Name : ICM66ML Sample #: 0.025NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19B38042.raw
Date : 12/01/2005 11:39:32
Method :
Time of Injection: 12/01/2005 02:11:09
Start Time : 4.73 min End Time : 5.71 min Low Point : 19.94 mV High Point : 28.70 mV
Plot Offset: 19.94 mV Plot Scale: 8.8 mV



DEC 1 2005

Chromatogram

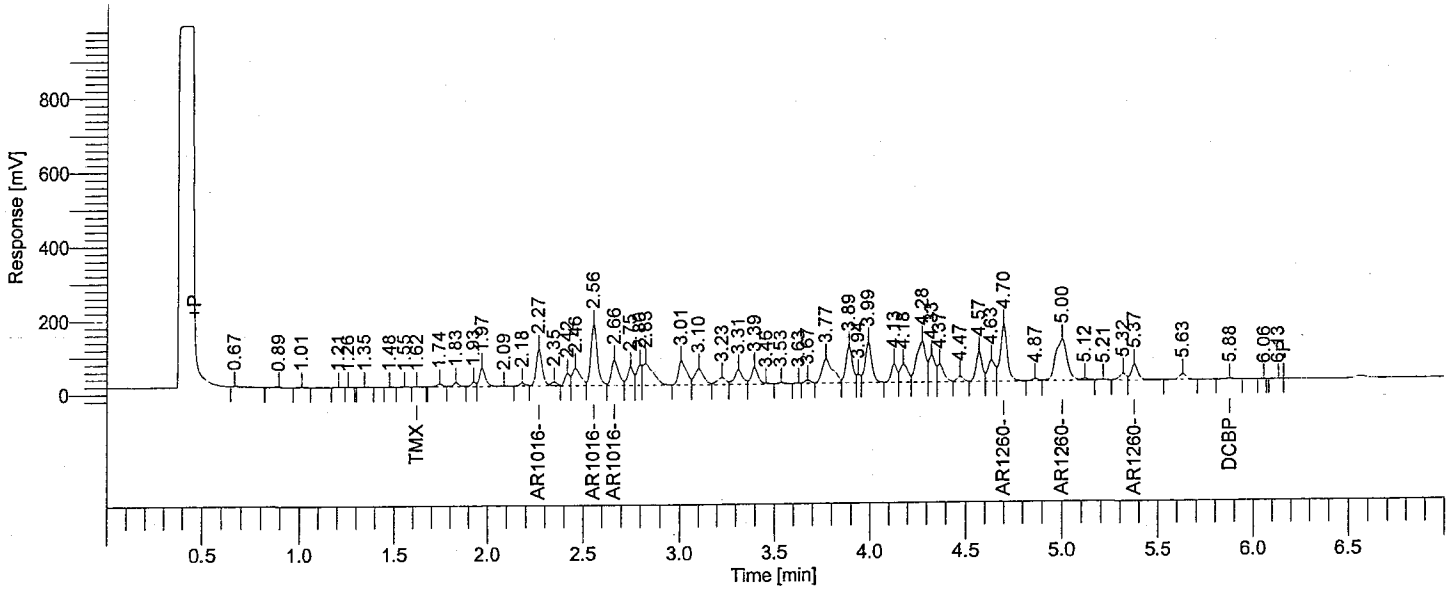
Sample Name : ICM66ML Sample #: 0.025NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19B38042.raw
Date : 12/01/2005 11:39:18
Method :
Time of Injection: 12/01/2005 02:11:09
Start Time : 4.73 min End Time : 5.71 min Low Point : 19.94 mV High Point : 28.70 mV
Plot Offset: 19.94 mV Plot Scale: 8.8 mV



DEC 1 2005

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:45:54
Reprocess Number	: buf2042: 83347		
Operator	: tchrom	Sample Name	: ACM66EB
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 02:29:05	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19B38043.raw <Modified>
Result File : H:\TURBO6\5890-19\19B38043.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B38043.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B38043.rst
Calib Method : h:\turbo6\5890-19\sb66(11-30-05).mth from H:\TURBO6\5890-19\19B38043.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.56		798538	AR1016	0.5960	1.3399e+06	1.5971e+06	-0.7
4.70		969646	AR1260	0.6526	1.4858e+06	1.9393e+06	8.8
		1768184		1.2486		3.5364e+06	

DEC 1 2005

12/01/2005 09:45:54 Result: H:\TURBO6\5890-19\19B38043.rst

Group Report For : AR1016

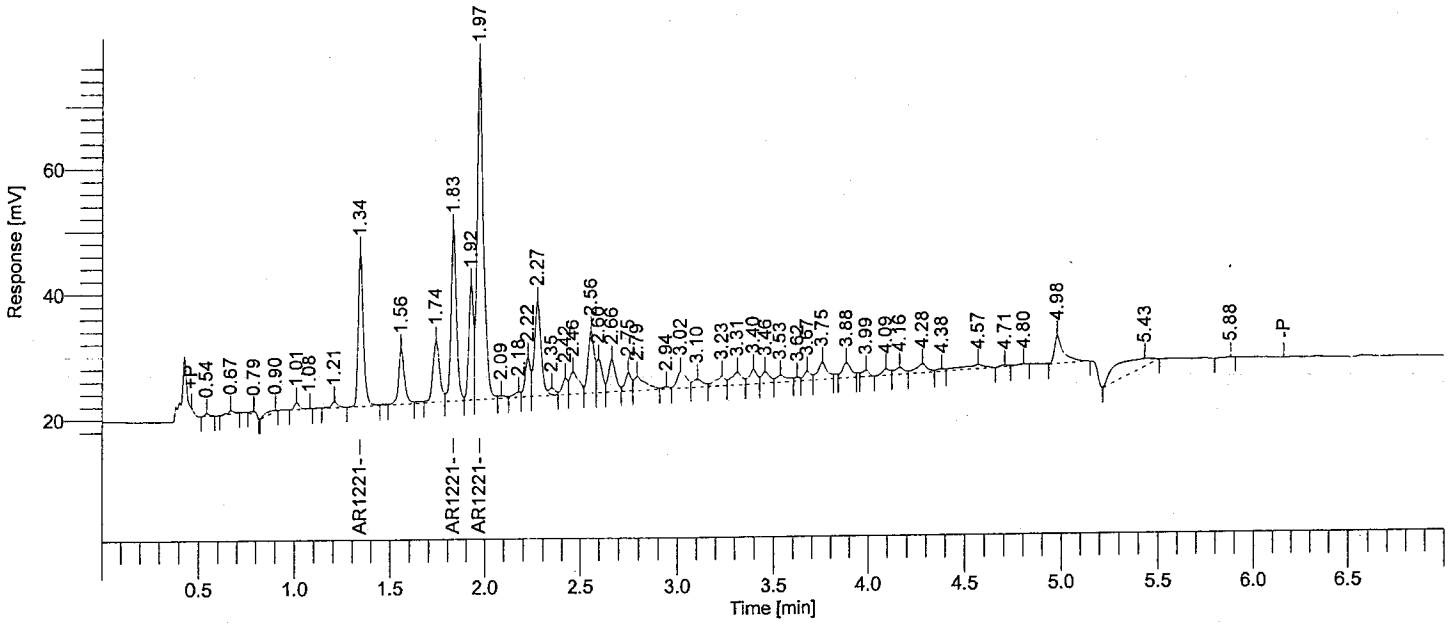
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.27	VE	225289	AR1016-A	0.6030	3.7363e+05	4.5058e+05	0.5
2.56	VV	394581	AR1016-B	0.6054	6.5174e+05	7.8916e+05	0.9
2.66	VV	178667	AR1016-C	0.6154	2.9034e+05	3.5733e+05	2.6
		798538		1.8238		1.5971e+06	

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
4.70	VV	399889	AR1260-A	0.5924	6.7506e+05	7.9978e+05	-1.3
5.00	VE	458653	AR1260-B	0.7495	6.1191e+05	9.1731e+05	24.9
5.37	VV	111104	AR1260-C	0.5833	1.9049e+05	2.2221e+05	-2.8
		969646		1.9252		1.9393e+06	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:30:21
Reprocess Number	: buf2042: 83314		
Operator	: tchrom	Sample Name	: ICM21RA
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 21:22:38	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19B38026.raw <Modified>
Result File : H:\TURBO6\5890-19\19B38026.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B38026.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B38026.rst
Calib Method : h:\turbo6\5890-19\sb21(11-30-05).mth from H:\TURBO6\5890-19\19B38026.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	1.97		229569	AR1221	0.5000	0.1667	3
			229569			0.1667	

Processed by: GFO 12/1/05
Reviewed by: DEC 1 2005

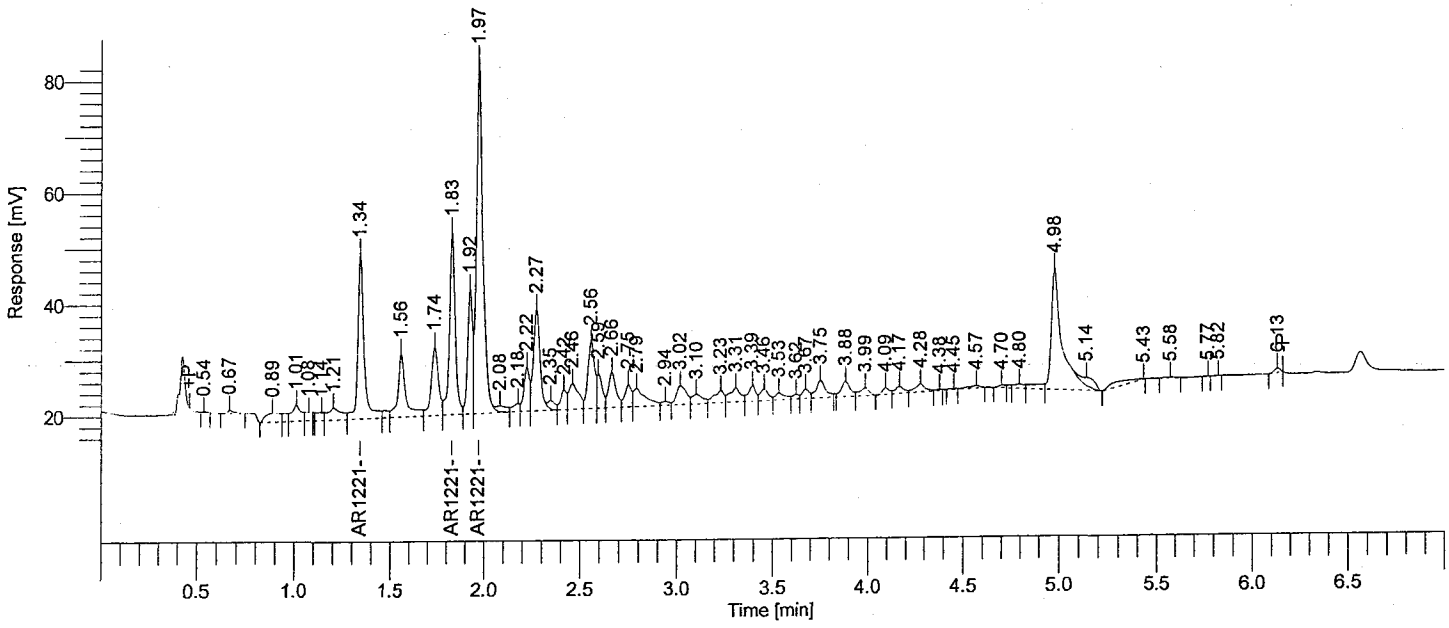
12/01/2005 09:30:21 Result: H:\TURBO6\5890-19\19B38026.rst

Group Report For : AR1221

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
8	1.34	BV	47254	AR1221-A	0.5000	0.1667	3
11	1.83	VV	54903	AR1221-B	0.5000	0.1667	3
13	1.97	VV	127413	AR1221-C	0.5000	0.1667	3
			229569			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:30:28
Reprocess Number	: buf2042: 83316		
Operator	: tchrom	Sample Name	: ACM21PA
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 21:40:35	Cycle	: 2

Raw Data File : H:\TURBO6\5890-19\19B38027.raw <Modified>
Result File : H:\TURBO6\5890-19\19B38027.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B38027.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B38027.rst
Calib Method : h:\turbo6\5890-19\sb21(11-30-05).mth from H:\TURBO6\5890-19\19B38027.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.97		289756	AR1221	0.6311	4.5914e+05	5.7951e+05	5.2
		289756		0.6311		5.7951e+05	

DEC 1 2005

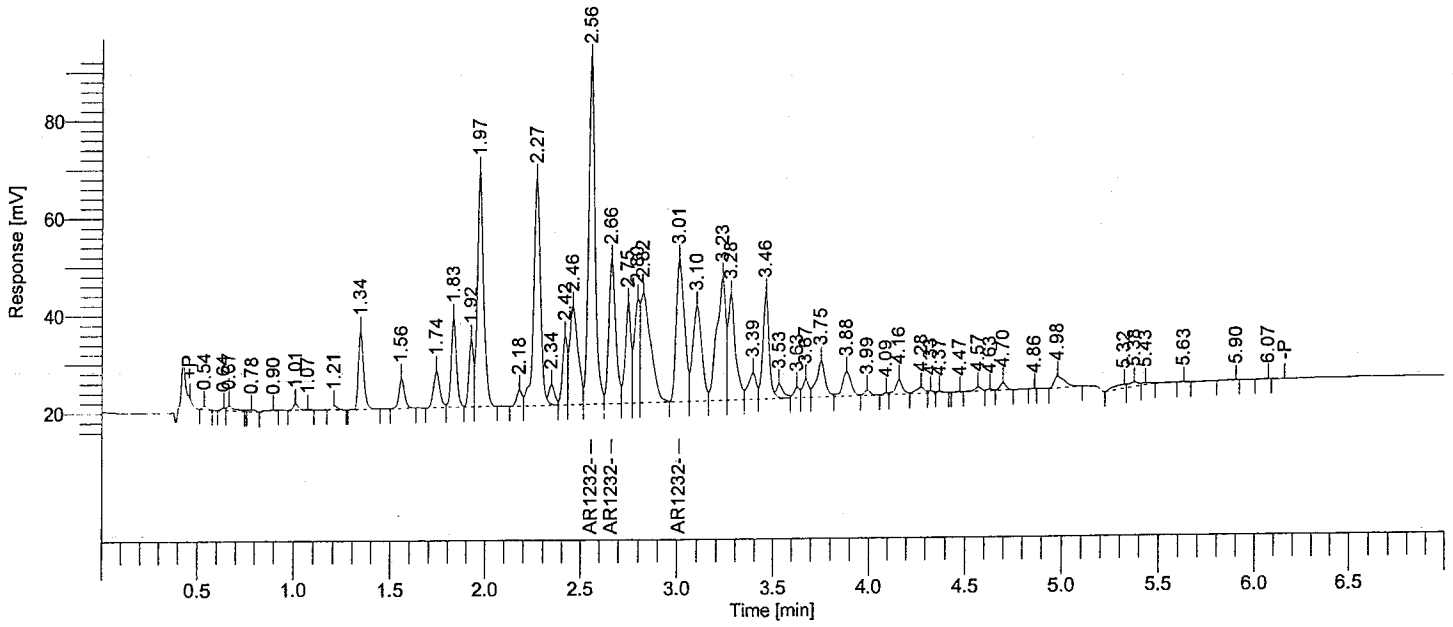
12/01/2005 09:30:28 Result: H:\TURBO6\5890-19\19B38027.rst

Group Report For : AR1221

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.34	VV	67585	AR1221-A	0.7151	94507.1913	1.3517e+05	19.2
1.83	VV	70263	AR1221-B	0.6399	1.0981e+05	1.4053e+05	6.6
1.97	VE	151909	AR1221-C	0.5961	2.5483e+05	3.0382e+05	-0.6
		289756		1.9511		5.7951e+05	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:30:36
Reprocess Number	: buf2042: 83318		
Operator	: tchrom	Sample Name	: ICM32GA
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 21:58:34	Cycle	: 3

Raw Data File : H:\TURBO6\5890-19\19B38028.raw <Modified>
Result File : H:\TURBO6\5890-19\19B38028.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B38028.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B38028.rst
Calib Method : h:\turbo6\5890-19\sb32(11-30-05).mth from H:\TURBO6\5890-19\19B38028.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	2.56		327514	AR1232	0.5000	0.1667	3
			327514			0.1667	

Processed by: GD 12/1/05
Reviewed by: DEC 1 2005

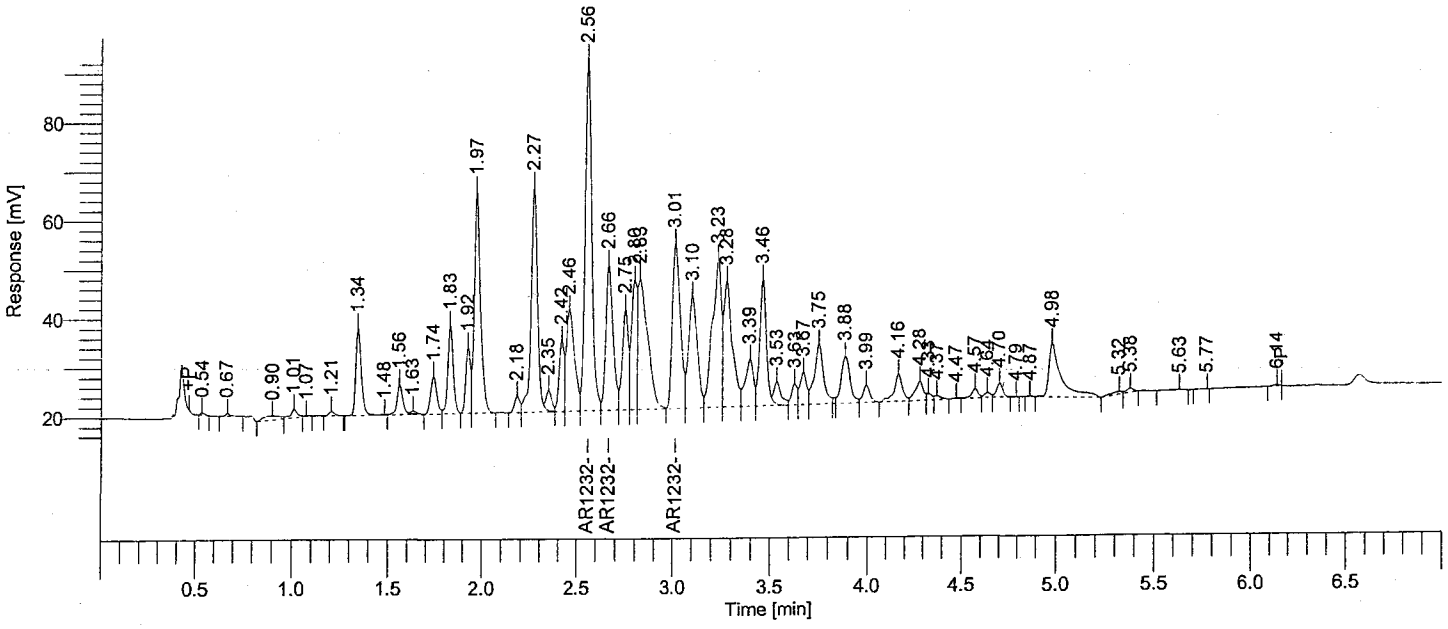
12/01/2005 09:30:36 Result: H:\TURBO6\5890-19\19B38028.rst

Group Report For : AR1232

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
20	2.56	VV	168983	AR1232-A	0.5000	0.1667	3
21	2.66	VV	73576	AR1232-B	0.5000	0.1667	3
25	3.01	VV	84954	AR1232-C	0.5000	0.1667	3
			327514			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:30:43
Reprocess Number	: buf2042: 83320		
Operator	: tchrom	Sample Name	: ACM32BB
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 22:16:51	Cycle	: 4

Raw Data File : H:\TURBO6\5890-19\19B38029.raw <Modified>
Result File : H:\TURBO6\5890-19\19B38029.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B38029.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B38029.rst
Calib Method : h:\turbo6\5890-19\sb32(11-30-05).mth from H:\TURBO6\5890-19\19B38029.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.56		343746	AR1232	0.5248	6.5503e+05	6.8749e+05	-12.5
		343746		0.5248		6.8749e+05	

DEC 1 2005

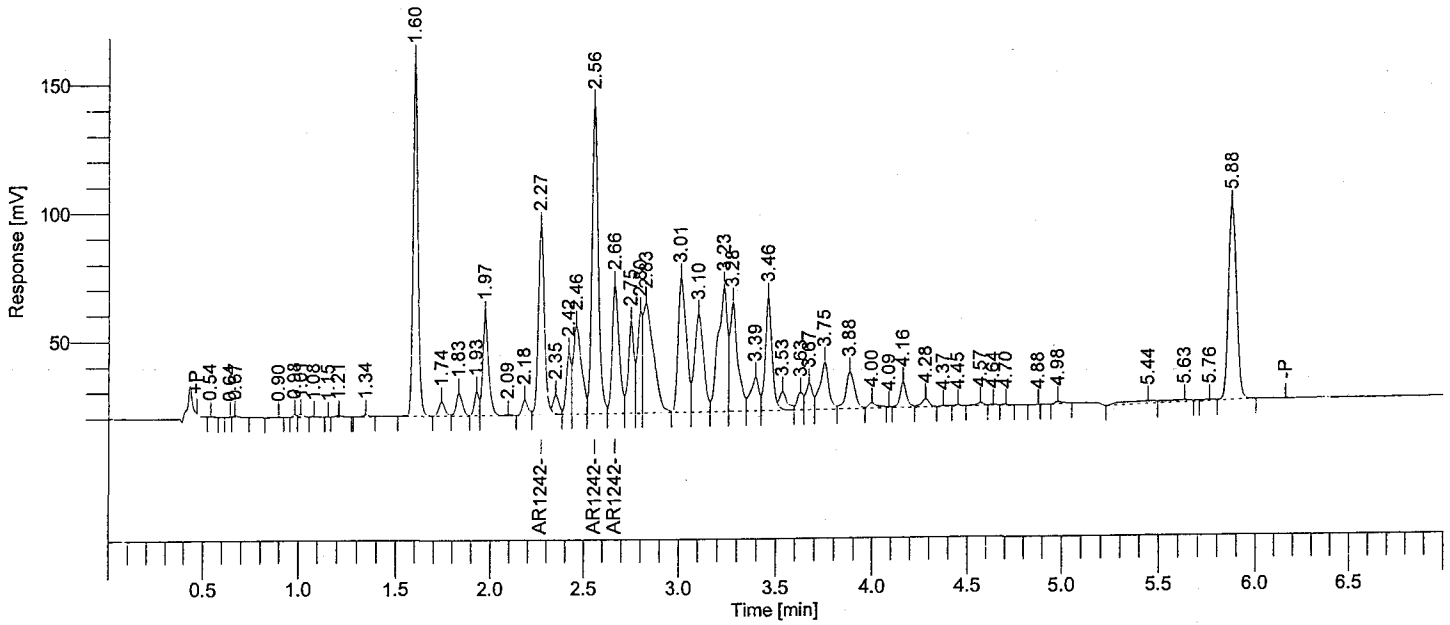
12/01/2005 09:30:43 Result: H:\TURBO6\5890-19\19B38029.rst

Group Report For : AR1232

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.56	VV	170867	AR1232-A	0.5056	3.3797e+05	3.4173e+05	-15.7
2.66	VV	75348	AR1232-B	0.5120	1.4715e+05	1.5070e+05	-14.7
3.01	VV	97531	AR1232-C	0.5740	1.6991e+05	1.9506e+05	-4.3
		343746		1.5916		6.8749e+05	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:30:50
Reprocess Number	: buf2042: 83322		
Operator	: tchrom	Sample Name	: ICM42SA
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 22:34:50	Cycle	: 5

Raw Data File : H:\TURBO6\5890-19\19B38030.raw <Modified>
Result File : H:\TURBO6\5890-19\19B38030.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B38030.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B38030.rst
Calib Method : h:\turbo6\5890-19\sb42(11-30-05).mth from H:\TURBO6\5890-19\19B38030.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	2.56		577621	AR1242	0.5000	0.1667	3
			577621			0.1667	

Processed by: GD 12/1/05
Reviewed by: DEC 1 2005

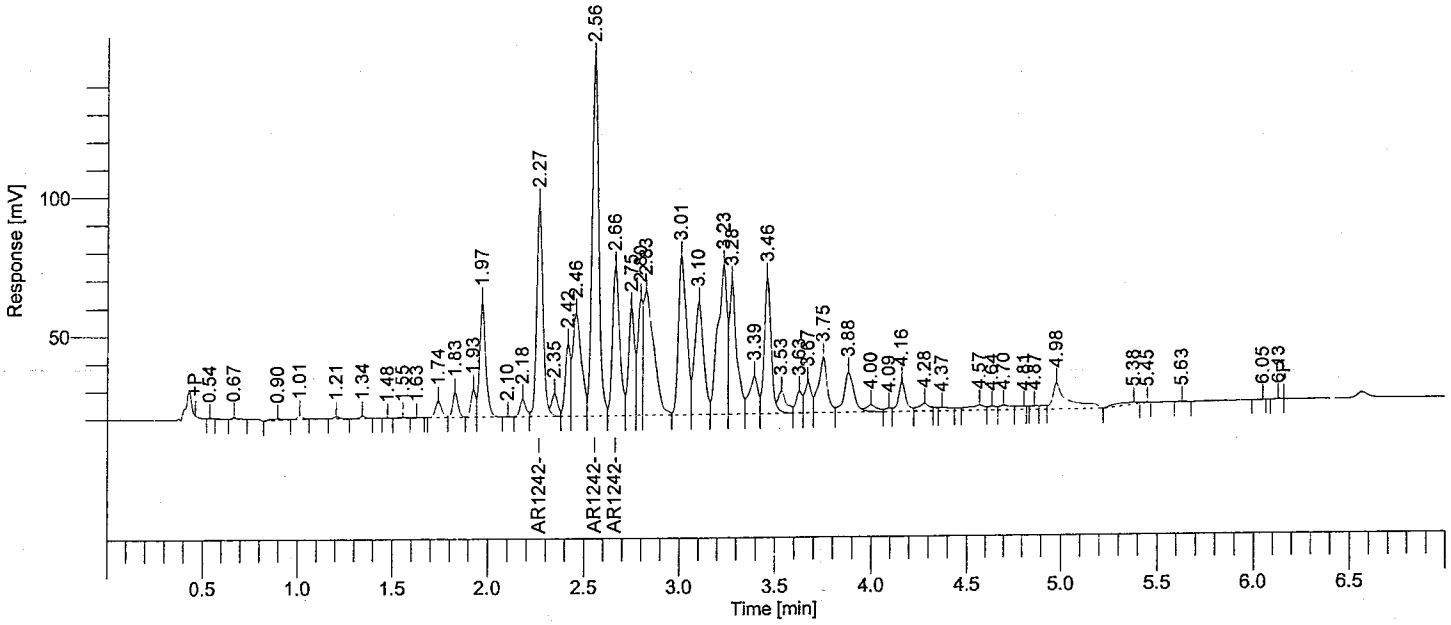
12/01/2005 09:30:50 Result: H:\TURBO6\5890-19\19B38030.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
18	2.27	VE	166051	AR1242-A	0.5000	0.1667	3
22	2.56	VV	285225	AR1242-B	0.5000	0.1667	3
23	2.66	VV	126346	AR1242-C	0.5000	0.1667	3
			577621			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:30:56
Reprocess Number	: buf2042: 83324		
Operator	: tchrom	Sample Name	: ACM42OA
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 22:52:57	Cycle	: 6

Raw Data File : H:\TURBO6\5890-19\19B38031.raw <Modified>
Result File : H:\TURBO6\5890-19\19B38031.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B38031.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B38031.rst
Calib Method : h:\turbo6\5890-19\sb42(11-30-05).mth from H:\TURBO6\5890-19\19B38031.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.56		618162	AR1242	0.5351	1.1552e+06	1.2363e+06	-10.8
		618162		0.5351		1.2363e+06	

DEC 1 2005

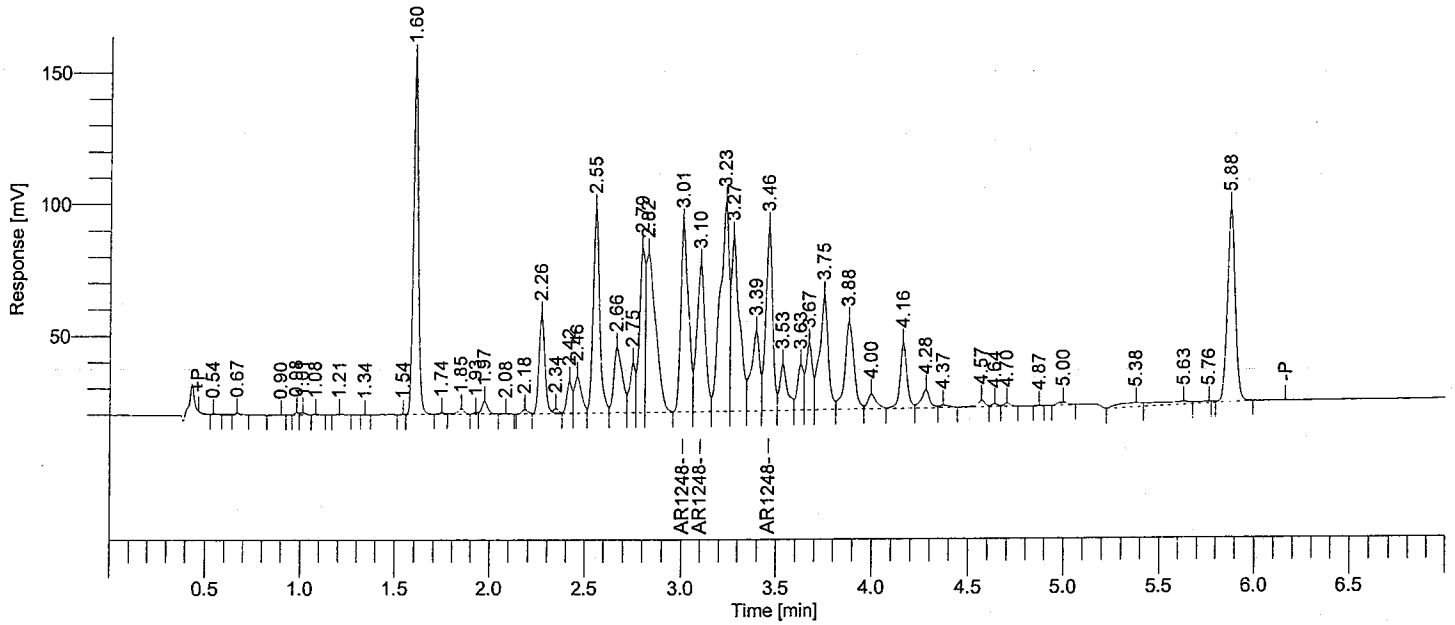
12/01/2005 09:30:56 Result: H:\TURBO6\5890-19\19B38031.rst

Group Report For : AR1242

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.27	VE	175205	AR1242-A	0.5276	3.3210e+05	3.5041e+05	-12.1
2.56	VV	306125	AR1242-B	0.5366	5.7045e+05	6.1225e+05	-10.6
2.66	VV	136831	AR1242-C	0.5415	2.5269e+05	2.7366e+05	-9.8
		618162		1.6057		1.2363e+06	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:31:03
Reprocess Number	: buf2042: 83326		
Operator	: tchrom	Sample Name	: ICM48RA
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 23:10:57	Cycle	: 7

Raw Data File : H:\TURBO6\5890-19\19B38032.raw <Modified>
Result File : H:\TURBO6\5890-19\19B38032.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B38032.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B38032.rst
Calib Method : h:\turbo6\5890-19\sb48(11-30-05).mth from H:\TURBO6\5890-19\19B38032.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	3.01		551698	AR1248	0.5000	0.1667	3
			551698			0.1667	

Processed by: GTD 12/1/05
Reviewed by: [illegible] DEC 1 2005

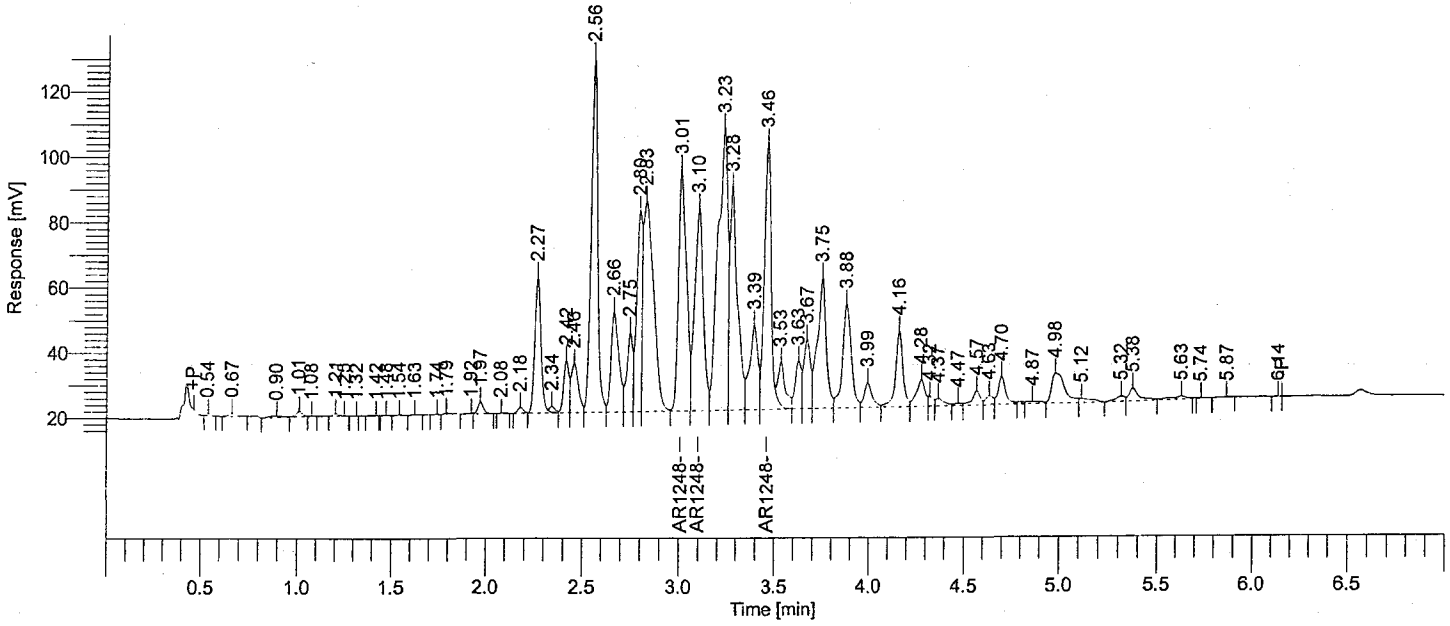
12/01/2005 09:31:03 Result: H:\TURBO6\5890-19\19B38032.rst

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
26	3.01	VV	203748	AR1248-A	0.5000	0.1667	3
27	3.10	VV	172769	AR1248-B	0.5000	0.1667	3
31	3.46	VV	175182	AR1248-C	0.5000	0.1667	3
			551698			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:31:09
Reprocess Number	: buf2042: 83328		
Operator	: tchrom	Sample Name	: ACM48MA
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 23:28:54	Cycle	: 8

Raw Data File : H:\TURBO6\5890-19\19B38033.raw <Modified>
Result File : H:\TURBO6\5890-19\19B38033.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B38033.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B38033.rst
Calib Method : h:\turbo6\5890-19\sb48(11-30-05).mth from H:\TURBO6\5890-19\19B38033.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.46		616330	AR1248	0.5586	1.1034e+06	1.2327e+06	-6.9
		616330		0.5586		1.2327e+06	

DEC 1 2005

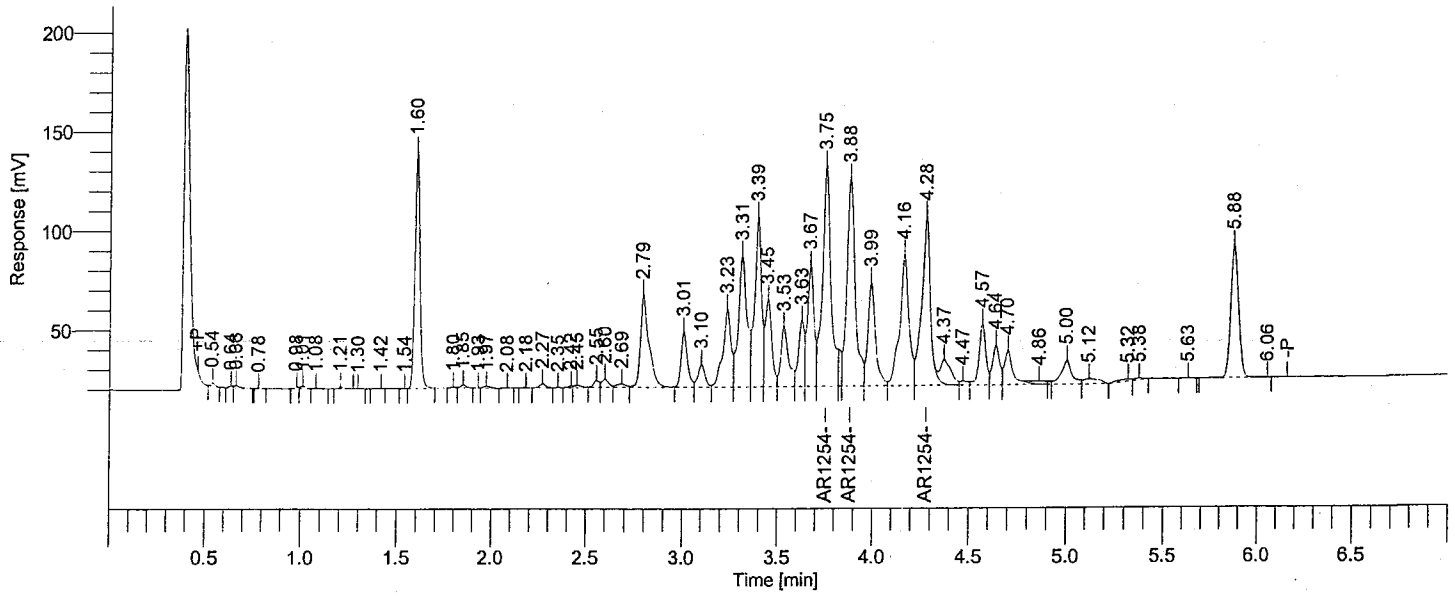
12/01/2005 09:31:09 Result: H:\TURBO6\5890-19\19B38033.rst

Group Report For : AR1248

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.01	VV	215237	AR1248-A	0.5282	4.0750e+05	4.3047e+05	-12.0
3.10	VV	193046	AR1248-B	0.5587	3.4554e+05	3.8609e+05	-6.9
3.46	VE	208046	AR1248-C	0.5938	3.5036e+05	4.1609e+05	-1.0
		616330		1.6807		1.2327e+06	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:31:15
Reprocess Number	: buf2042: 83330		
Operator	: tchrom	Sample Name	: ICM54TC
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 23:46:53	Cycle	: 9

Raw Data File : H:\TURBO6\5890-19\19B38034.raw <Modified>
Result File : H:\TURBO6\5890-19\19B38034.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B38034.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B38034.rst
Calib Method : h:\turbo6\5890-19\sb54(11-30-05).mth from H:\TURBO6\5890-19\19B38034.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	3.75		938804	AR1254	0.5000	0.1667	3
			938804			0.1667	

Processed by: GM 12/1 5 2005
Reviewed by: DEC 1 2005

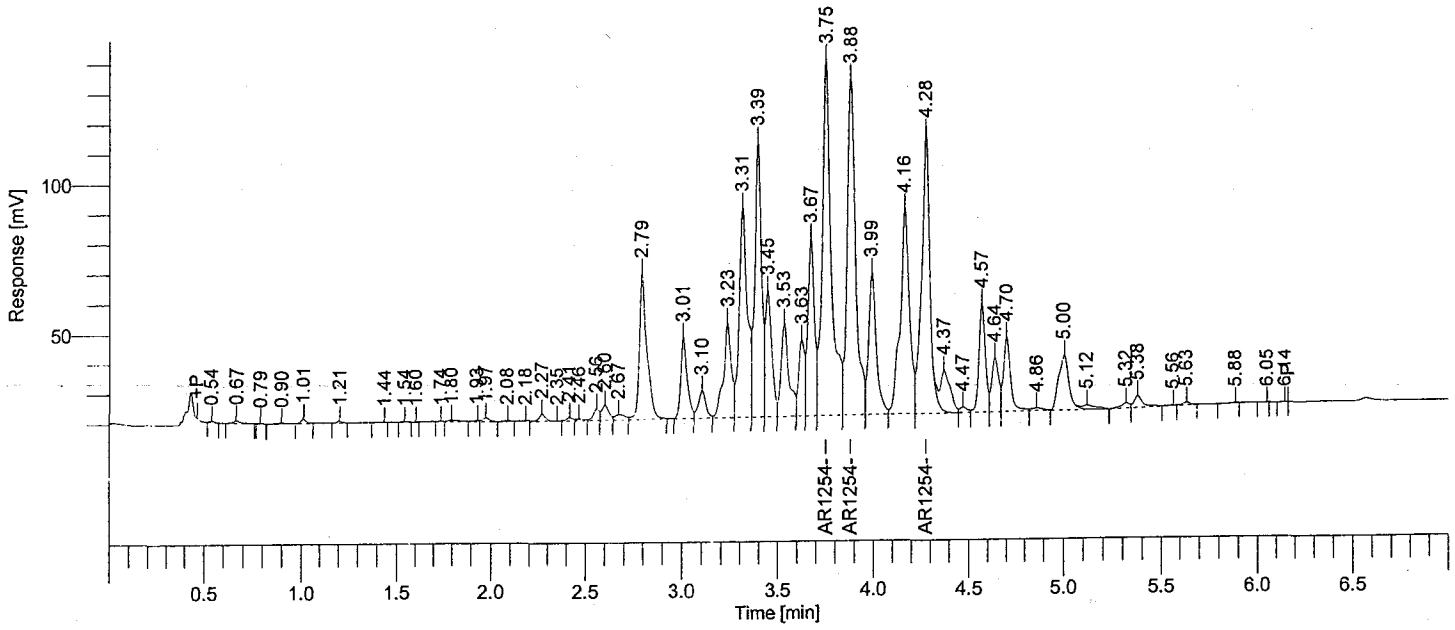
12/01/2005 09:31:15 Result: H:\TURBO6\5890-19\19B38034.rst

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
36	3.75	VV	344918	AR1254-A	0.5000	0.1667	3
37	3.88	VV	323367	AR1254-B	0.5000	0.1667	3
40	4.28	VE	270519	AR1254-C	0.5000	0.1667	3
			938804			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:31:20
Reprocess Number	: buf2042: 83332		
Operator	: tchrom	Sample Name	: ACM54RA
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 00:04:49	Cycle	: 10

Raw Data File : H:\TURBO6\5890-19\19B38035.raw <Modified>
Result File : H:\TURBO6\5890-19\19B38035.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B38035.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B38035.rst
Calib Method : h:\turbo6\5890-19\sb54(11-30-05).mth from H:\TURBO6\5890-19\19B38035.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.75		1016737	AR1254	0.5415	1.8776e+06	2.0335e+06	-9.7
		1016737		0.5415		2.0335e+06	

DEC 1 2005

12/01/2005 09:31:20 Result: H:\TURBO6\5890-19\19B38035.rst

Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.75	VV	384402	AR1254-A	0.5572	6.8984e+05	7.6880e+05	-7.1
3.88	VV	341478	AR1254-B	0.5280	6.4673e+05	6.8296e+05	-12.0
4.28	VE	290857	AR1254-C	0.5376	5.4104e+05	5.8171e+05	-10.4
		1016737		1.6228		2.0335e+06	

TotalChrom Method File H:\TURBO6\5890-19\SA66(11-30-05).mth
Printed by : RudzG on: 12/01/2005 11:31:44
Created by : DelongG on: 12/01/2005 08:27:50
Edited by : RudzG on: 12/01/2005 11:31:38
Number of Times Edited : 10
Number of Times Calibrated : 303
Description: NEW 7 PT. 1016/1260 CURVE FOR INST #19 11/30/05

Global Sample Information
Default Sample Volume : 1.000 uL
Quantitation Units : ng
Void Time : 0.000 min
Correct amounts during calibration : Yes
Convert unknowns to concentration units : Yes
Reject outliers during calibration : No

An External Standard calibration will be used
Unknown peaks will be quantitated using a response factor of 1.000000e+06
First peak will be relative retention reference

Component Information
TMX
Component Type : Single Peak Component
Retention Time : 1.904 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

Processed by: GD 12/1/05
Reviewed by: gr DEC 1 2005

User Values
Label :
Value 1 : 0.030000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.020000
Value 6 : -1.000000
Value 7 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	105710.23	53599.27	----------	----------	1
B	0.0100	242566.54	124863.61	----------	----------	1
C	0.0200	369456.81	187987.73	----------	----------	1
D	0.0300	533485.50	270432.56	----------	----------	1
E	0.0400	691888.34	344107.64	----------	----------	1
F	0.0500	880071.17	422317.61	----------	----------	1

Calibration Curve : y = (49765.839661) + (15877736.991400)x + (11499422.840087)x^2 + (0.000000)x^3
R-squared : 0.995559

AR1016-A
Component Type : Single Peak Component
Retention Time : 2.447 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	58215.13	21098.67	----------	----------	1
b	0.1000	108150.71	39886.02	----------	----------	1
c	0.2500	232801.30	81224.91	----------	----------	1
d	0.5000	408660.84	145743.24	----------	----------	1
e	1.0000	724659.86	258279.40	----------	----------	1
f	2.5000	1544354.45	559497.91	----------	----------	1
H	0.0250	31229.54	11660.47	----------	----------	1

12/01/2005 11:31:44 Method: H:\TURBO6\5890-19\SA66(11-30-05).mth

Calibration Curve : y = (25653.792736) + (781073.519814)x + (-69664.885865)x^2 + (0.000000)x^3
R-squared : 0.999561

AR1016
Component Type : Named Group
Group Members
AR1016-A
AR1016-B
AR1016-C
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.600000
Value 4 : 0.000000
Value 5 : 0.250000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	125470.79	52733.24	----------	----------	1
b	0.1000	233149.48	99771.18	----------	----------	1
c	0.2500	546199.26	217825.04	----------	----------	1
d	0.5000	959783.30	390758.38	----------	----------	1
e	1.0000	1711497.95	699586.38	----------	----------	1
f	2.5000	3663816.60	1.52e+06	----------	----------	1
H	0.0250	71189.22	29568.38	----------	----------	1

Calibration Curve : y = (49177.469751) + (1856699.621400)x + (-164875.044661)x^2 + (0.000000)x^3
R-squared : 0.999586

AR1016-B
Component Type : Single Peak Component
Retention Time : 2.583 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	31853.64	14898.34	----------	----------	1
b	0.1000	61442.42	28716.58	----------	----------	1
c	0.2500	140803.04	61639.34	----------	----------	1
d	0.5000	250633.33	110842.14	----------	----------	1
e	1.0000	449299.51	200063.96	----------	----------	1
f	2.5000	960745.44	430364.68	----------	----------	1
H	0.0250	16863.34	8073.19	----------	----------	1

Calibration Curve : y = (11489.772674) + (488697.113989)x + (-43728.724007)x^2 + (0.000000)x^3
R-squared : 0.999643

AR1016-C
Component Type : Single Peak Component
Retention Time : 2.849 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

12/01/2005 11:31:44 Method: H:\TURBO6\5890-19\SA66(11-30-05).mth

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	35402.02	16736.22	————	————	1
b	0.1000	63556.35	31168.58	————	————	1
c	0.2500	172594.92	74960.79	————	————	1
d	0.5000	300489.13	134173.00	————	————	1
e	1.0000	537538.58	241243.03	————	————	1
f	2.5000	1158716.71	529994.26	————	————	1
H	0.0250	23096.34	9834.71	————	————	1

Calibration Curve : y = (12033.904340) + (586928.987597)x + (-51481.434789)x^2 + (0.000000)x^3
R-squared : 0.999460

AR1260-A
Component Type : Single Peak Component
Retention Time : 4.980 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find largest peak in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	78315.04	30059.00	————	————	1
b	0.1000	148217.45	56684.26	————	————	1
c	0.2500	372150.44	122412.21	————	————	1
d	0.5000	672153.90	221593.27	————	————	1
e	1.0000	1224727.84	410845.75	————	————	1
f	2.5000	2740848.67	947603.93	————	————	1
H	0.0250	43163.63	16743.47	————	————	1

Calibration Curve : y = (22730.220562) + (1310938.346706)x + (-89819.223646)x^2 + (0.000000)x^3
R-squared : 0.999708

AR1260
Component Type : Named Group
Group Members
AR1260-A
AR1260-B
AR1260-C
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.600000
Value 4 : 0.000000
Value 5 : 0.250000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	145778.30	56983.70	————	————	1
b	0.1000	272675.74	105540.53	————	————	1
c	0.2500	634432.93	221927.11	————	————	1
d	0.5000	1140584.06	401483.17	————	————	1
e	1.0000	2065936.98	735115.98	————	————	1
f	2.5000	4624023.43	1.67e+06	————	————	1
H	0.0250	73854.86	29661.41	————	————	1

12/01/2005 11:31:44 Method: H:\TURBO6\5890-19\SA66(11-30-05).mth

Calibration Curve : y = (50851.448963) + (2195937.045385)x + (-147274.353756)x^2 + (0.000000)x^3
R-squared : 0.999680

AR1260-B
Component Type : Single Peak Component
Retention Time : 5.201 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	44018.34	17289.41	————	————	1
b	0.1000	85382.33	33104.78	————	————	1
c	0.2500	181954.78	69043.27	————	————	1
d	0.5000	328358.18	125248.28	————	————	1
e	1.0000	594090.35	228288.89	————	————	1
f	2.5000	1308690.69	508886.69	————	————	1
H	0.0250	23944.33	9392.58	————	————	1

Calibration Curve : y = (17604.293112) + (630524.800028)x + (-45786.757259)x^2 + (0.000000)x^3
R-squared : 0.999726

AR1260-C
Component Type : Single Peak Component
Retention Time : 5.646 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	23444.92	9635.30	————	————	1
b	0.1000	39075.96	15751.48	————	————	1
c	0.2500	80327.71	30471.63	————	————	1
d	0.5000	140071.99	54641.62	————	————	1
e	1.0000	247118.78	95981.35	————	————	1
f	2.5000	574484.07	212153.47	————	————	1
H	0.0250	6746.90	3525.37	————	————	1

Calibration Curve : y = (10516.935290) + (254473.898651)x + (-11668.372851)x^2 + (0.000000)x^3
R-squared : 0.999064

DCBP
Component Type : Single Peak Component
Retention Time : 6.249 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

12/01/2005 11:31:44 Method: H:\TURBO6\5890-19\SA66(11-30-05).mth

User Values
Label :
Value 1 : 0.030000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.020000
Value 6 : 0.005000
Value 7 : 1.000000

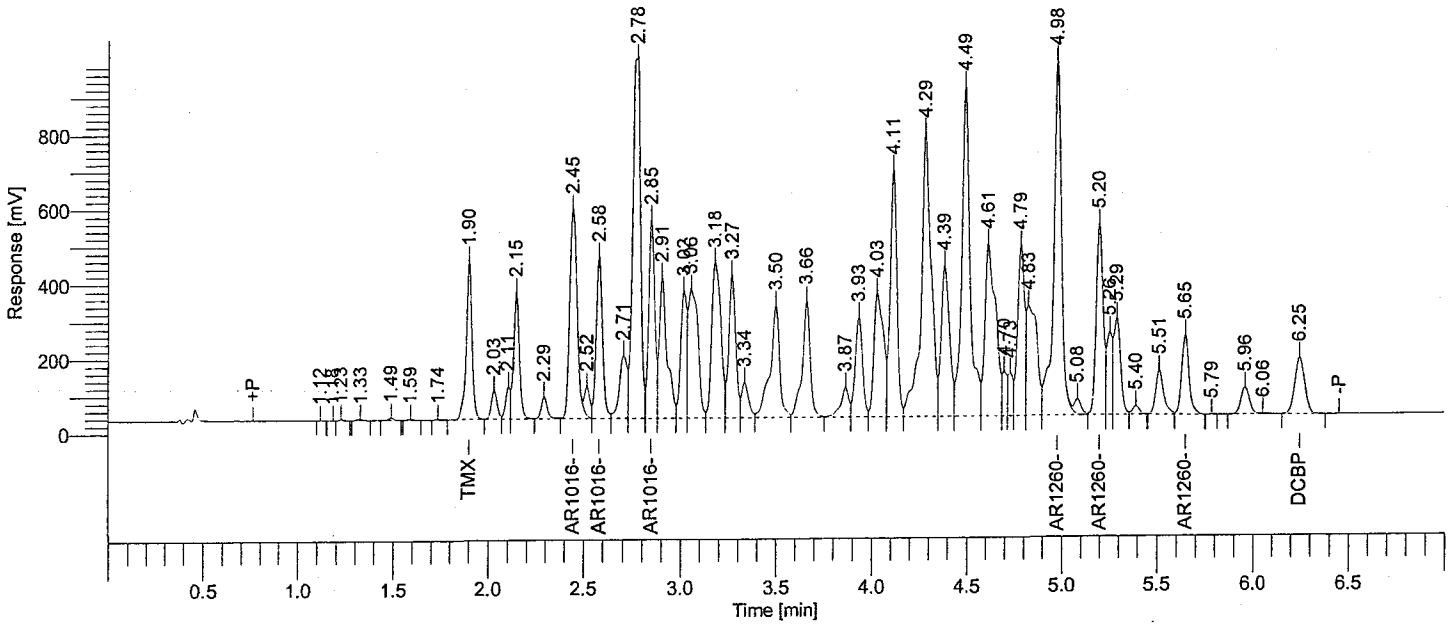
Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	79670.50	23076.59	----------	----------	1
B	0.0100	174552.92	49686.02	----------	----------	1
C	0.0200	254816.75	71677.13	----------	----------	1
D	0.0300	361998.84	99704.01	----------	----------	1
E	0.0400	450763.68	125094.47	----------	----------	1
F	0.0500	542058.71	151778.52	----------	----------	1

Calibration Curve : y = (34425.874294) + (12181175.211808)x + (-41769412.008671)x^2 + (0.000000)x^3
R-squared 0.994776

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:48:56
Reprocess Number	: buf2042: 83348		
Operator	: tchrom	Sample Name	: ICM66MI
Sample Number	: 2.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 00:22:59	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19A38036.raw <Modified>
Result File : H:\TURBO6\5890-19\19A38036.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A38036.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A38036.rst
Calib Method : h:\turbo6\5890-19\sa66(11-30-05).mth from H:\TURBO6\5890-19\19A38036.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
8	1.90	VV	880071	TMX	0.0500	-------	0
	2.45		3663817	AR1016	2.5000	0.8333	3
	4.98		4624023	AR1260	2.5000	0.8333	3
50	6.25	VB	542059	DCBP	0.0500	-------	0
			9709970			1.6667	

DEC 1 2005

12/01/2005 09:48:56 Result: H:\TURBO6\5890-19\19A38036.rst

Group Report For : AR1016

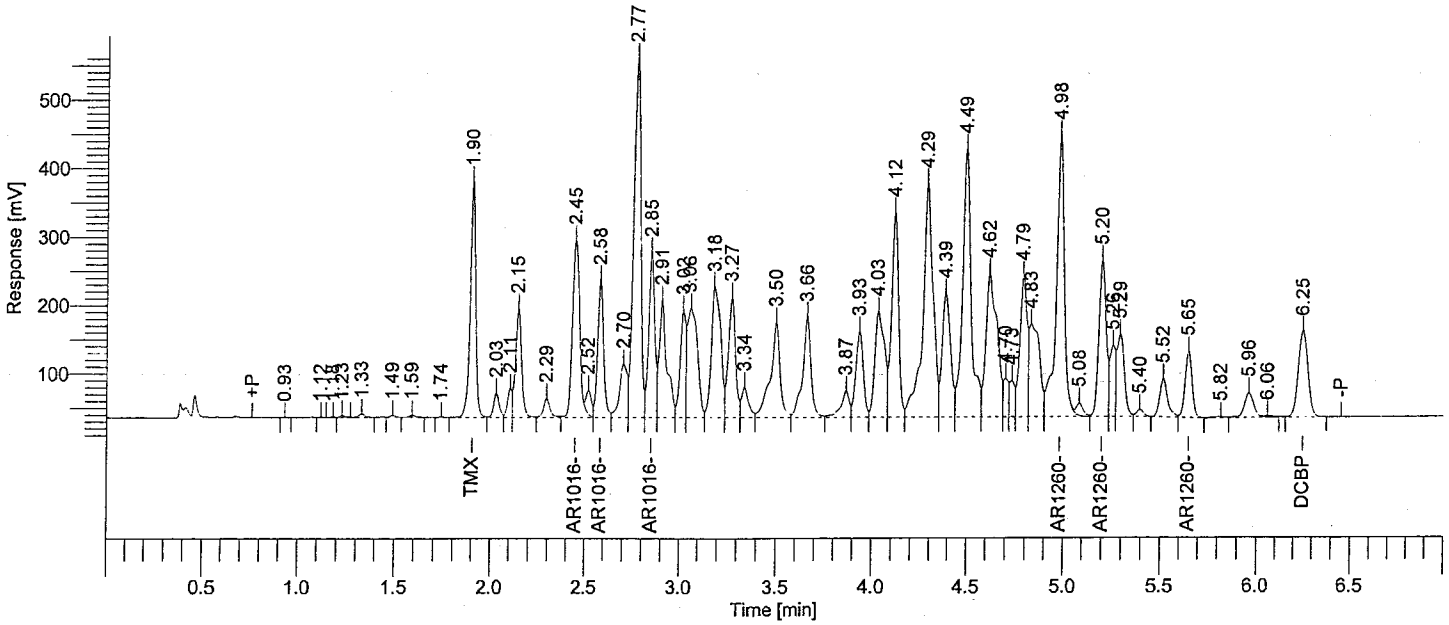
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
13	2.45	VE	1544354	AR1016-A	2.5000	0.8333	3
15	2.58	VV	960745	AR1016-B	2.5000	0.8333	3
18	2.85	VV	1158717	AR1016-C	2.5000	0.8333	3
			3663817			2.5000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
39	4.98	VE	2740849	AR1260-A	2.5000	0.8333	3
41	5.20	VV	1308691	AR1260-B	2.5000	0.8333	3
46	5.65	VB	574484	AR1260-C	2.5000	0.8333	3
			4624023			2.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:48:59
Reprocess Number	: buf2042: 83349		
Operator	: tchrom	Sample Name	: ICM66MD
Sample Number	: 1.0NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 00:40:56	Cycle	: 2

Raw Data File : H:\TURBO6\5890-19\19A38037.raw <Modified>
Result File : H:\TURBO6\5890-19\19A38037.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A38037.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A38037.rst
Calib Method : h:\turbo6\5890-19\sa66(11-30-05).mth from H:\TURBO6\5890-19\19A38037.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
9	1.90	VV	691888	TMX	0.0400	------	0
	2.45		1711498	AR1016	1.0000	0.3333	3
	4.98		2065937	AR1260	1.0000	0.3333	3
51	6.25	VB	450764	DCBP	0.0400	------	0
			4920087			0.6667	

9 DEC 1 2005

12/01/2005 09:48:59 Result: H:\TURBO6\5890-19\19A38037.rst

Group Report For : AR1016

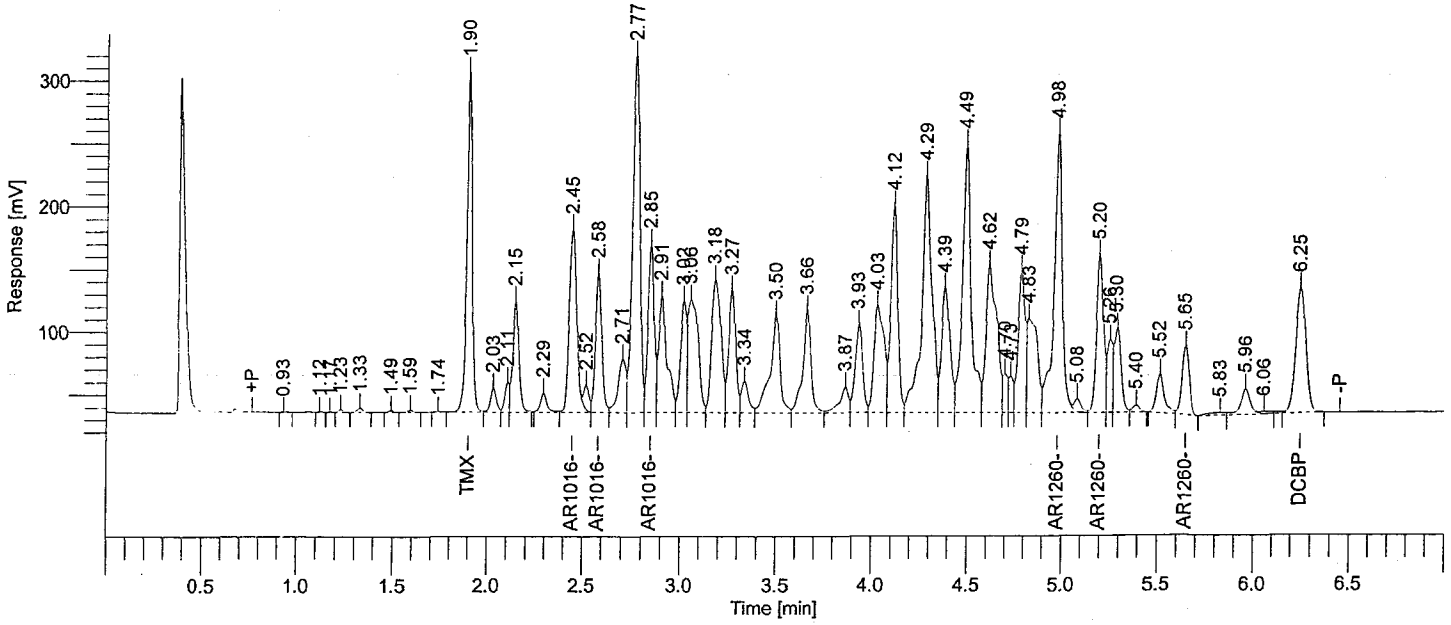
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
14	2.45	VE	724660	AR1016-A	1.0000	0.3333	3
16	2.58	VV	449300	AR1016-B	1.0000	0.3333	3
19	2.85	VV	537539	AR1016-C	1.0000	0.3333	3
			1711498			1.0000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
40	4.98	VE	1224728	AR1260-A	1.0000	0.3333	3
42	5.20	VV	594090	AR1260-B	1.0000	0.3333	3
47	5.65	VB	247119	AR1260-C	1.0000	0.3333	3
			2065937			1.0000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:49:01
Reprocess Number	: buf2042: 83350		
Operator	: tchrom	Sample Name	: ICM66MK
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 00:58:55	Cycle	: 3

Raw Data File : H:\TURBO6\5890-19\19A38038.raw <Modified>
Result File : H:\TURBO6\5890-19\19A38038.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A38038.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A38038.rst
Calib Method : h:\turbo6\5890-19\sa66(11-30-05).mth from H:\TURBO6\5890-19\19A38038.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
9	1.90	VV	533486	TMX	0.0300	------	0
	2.45		959783	AR1016	0.5000	0.1667	3
	4.98		1140584	AR1260	0.5000	0.1667	3
51	6.25	VB	361999	DCBP	0.0300	------	0
			2995852			0.3333	

DEC 1 2005

12/01/2005 09:49:01 Result: H:\TURBO6\5890-19\19A38038.rst

Group Report For : AR1016

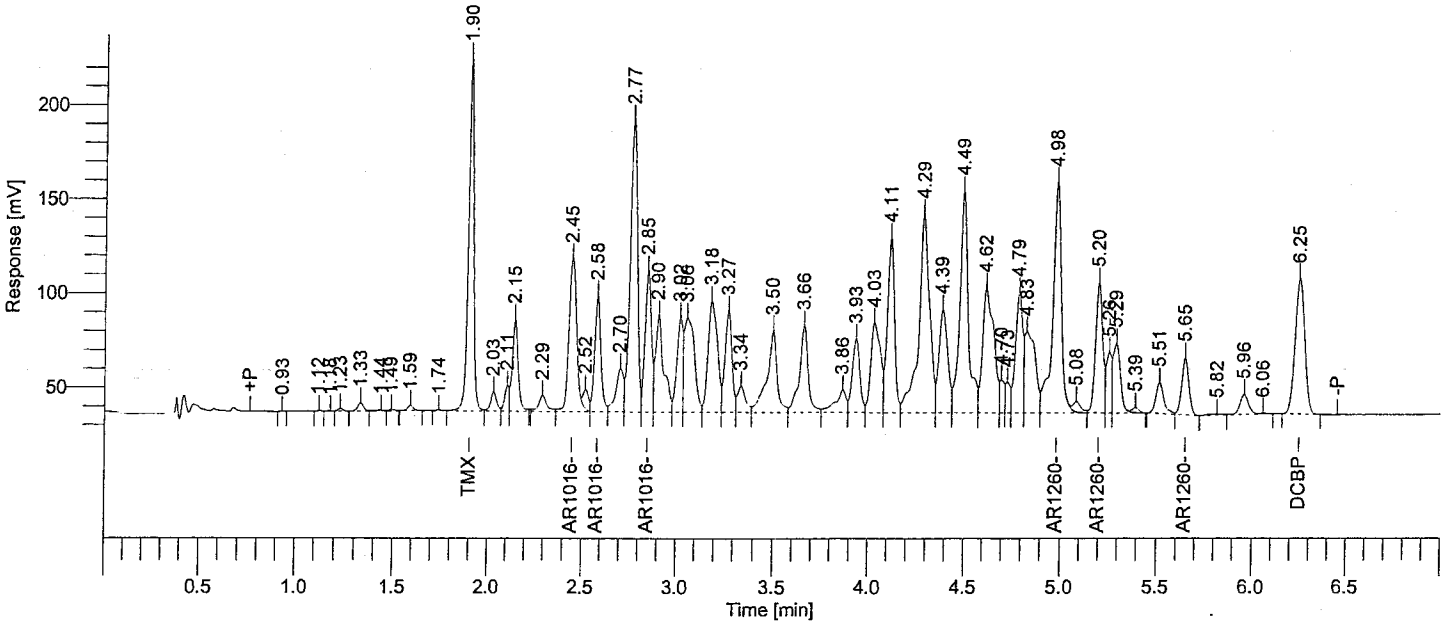
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
14	2.45	VE	408661	AR1016-A	0.5000	0.1667	3
16	2.58	VV	250633	AR1016-B	0.5000	0.1667	3
19	2.85	VV	300489	AR1016-C	0.5000	0.1667	3
			959783			0.5000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
40	4.98	VE	672154	AR1260-A	0.5000	0.1667	3
42	5.20	VV	328358	AR1260-B	0.5000	0.1667	3
47	5.65	VB	140072	AR1260-C	0.5000	0.1667	3
			1140584			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:49:04
Reprocess Number	: buf2042: 83351		
Operator	: tchrom	Sample Name	: ICM66ML
Sample Number	: 0.25NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 01:16:51	Cycle	: 4

Raw Data File : H:\TURBO6\5890-19\19A38039.raw <Modified>
Result File : H:\TURBO6\5890-19\19A38039.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A38039.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A38039.rst
Calib Method : h:\turbo6\5890-19\sa66(11-30-05).mth from H:\TURBO6\5890-19\19A38039.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
10	1.90	VV	369457	TMX	0.0200	-------	0
	2.45		546199	AR1016	0.2500	0.0833	3
	4.98		634433	AR1260	0.2500	0.0833	3
52	6.25	BB	254817	DCBP	0.0200	-------	0
			1804906			0.1667	

DEC 1 2005

12/01/2005 09:49:04 Result: H:\TURBO6\5890-19\19A38039.rst

Group Report For : AR1016

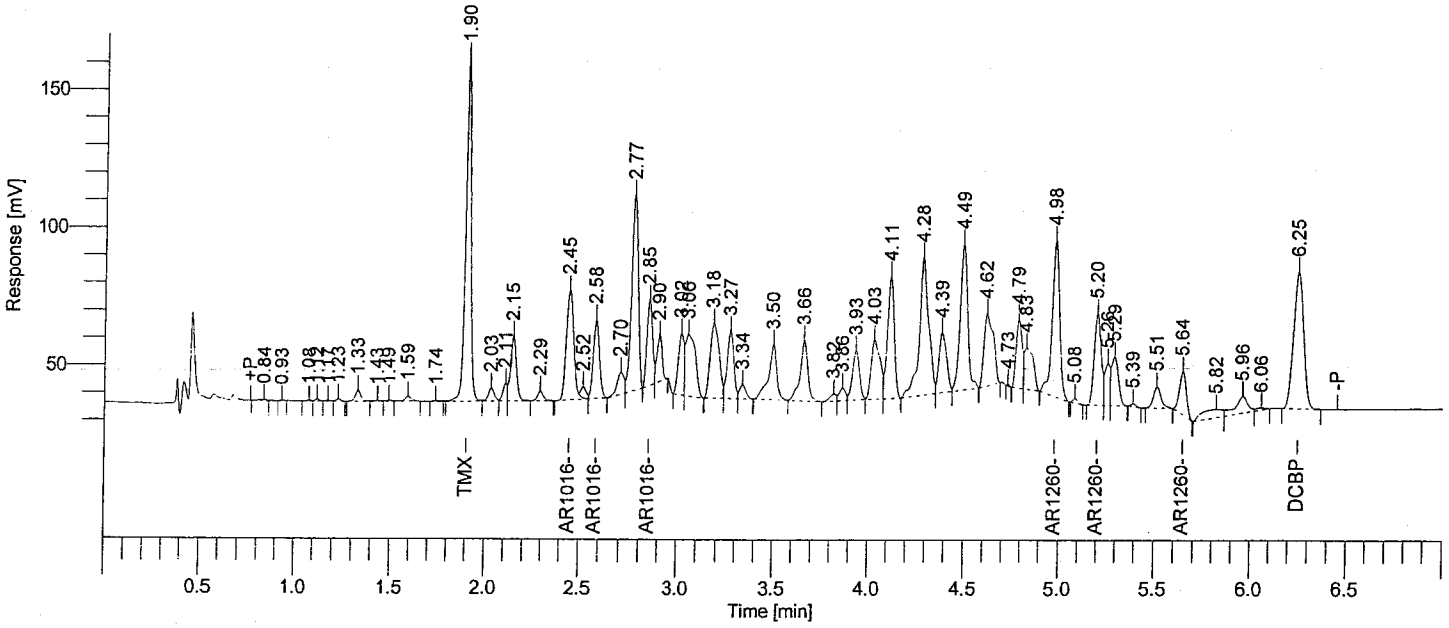
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
15	2.45	VE	232801	AR1016-A	0.2500	0.0833	3
17	2.58	VV	140803	AR1016-B	0.2500	0.0833	3
20	2.85	VV	172595	AR1016-C	0.2500	0.0833	3
			546199			0.2500	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
41	4.98	VE	372150	AR1260-A	0.2500	0.0833	3
43	5.20	VV	181955	AR1260-B	0.2500	0.0833	3
48	5.65	VB	80328	AR1260-C	0.2500	0.0833	3
			634433			0.2500	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:49:06
Reprocess Number	: buf2042: 83352		
Operator	: tchrom	Sample Name	: ICM66MF
Sample Number	: 0.1NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 01:34:51	Cycle	: 5

Raw Data File : H:\TURBO6\5890-19\19A38040.raw <Modified>
Result File : H:\TURBO6\5890-19\19A38040.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A38040.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A38040.rst
Calib Method : h:\turbo6\5890-19\sa66(11-30-05).mth from H:\TURBO6\5890-19\19A38040.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
12	1.90	VV	242567	TMX	0.0100	-------	0
	2.45		233149	AR1016	0.1000	0.0333	3
	4.98		272676	AR1260	0.1000	0.0333	3
54	6.25	BB	174553	DCBP	0.0100	-------	0
			922945			0.0667	

DEC 1 2005

12/01/2005 09:49:06 Result: H:\TURBO6\5890-19\19A38040.rst

Group Report For : AR1016

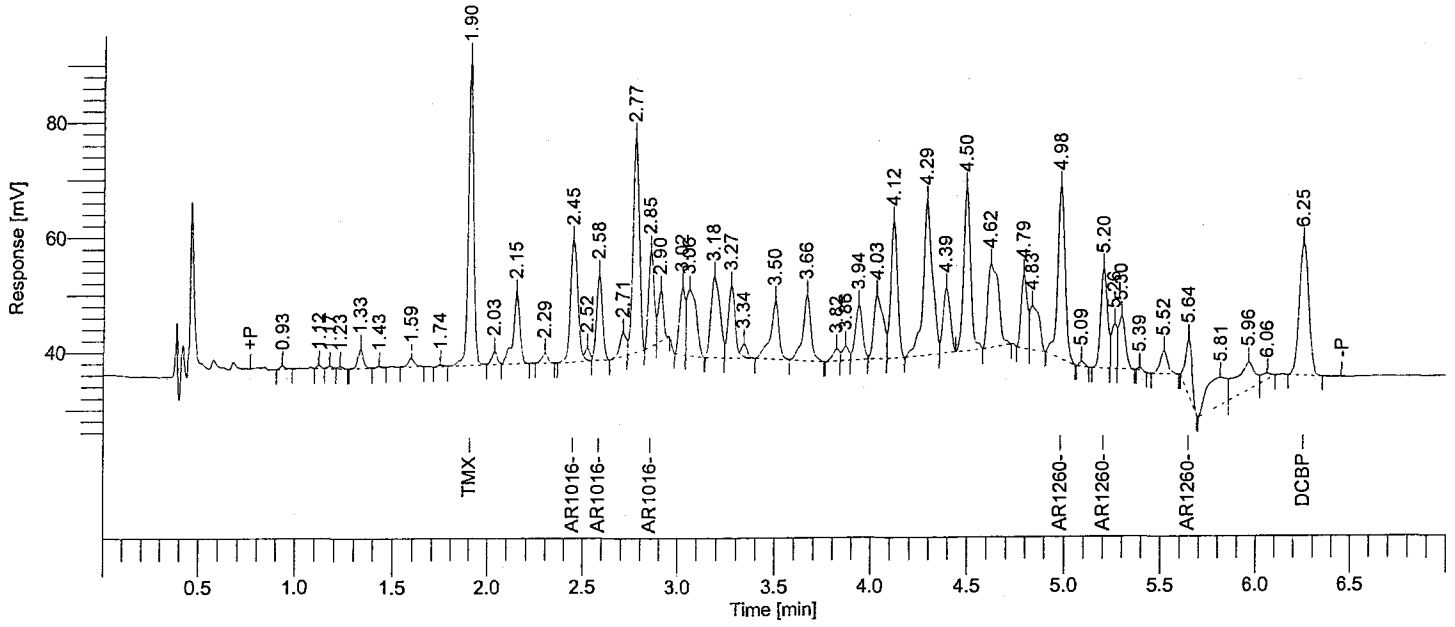
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
17	2.45	BE	108151	AR1016-A	0.1000	0.0333	3
19	2.58	VB	61442	AR1016-B	0.1000	0.0333	3
22	2.85	BV	63556	AR1016-C	0.1000	0.0333	3
			233149			0.1000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
43	4.98	BB	148217	AR1260-A	0.1000	0.0333	3
45	5.20	BV	85382	AR1260-B	0.1000	0.0333	3
50	5.64	BB	39076	AR1260-C	0.1000	0.0333	3
			272676			0.1000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:49:08
Reprocess Number	: buf2042: 83353		
Operator	: tchrom	Sample Name	: ICM66MG
Sample Number	: 0.05NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 01:52:59	Cycle	: 6

Raw Data File : H:\TURBO6\5890-19\19A38041.raw <Modified>
Result File : H:\TURBO6\5890-19\19A38041.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A38041.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A38041.rst
Calib Method : h:\turbo6\5890-19\sa66(11-30-05).mth from H:\TURBO6\5890-19\19A38041.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
9	1.90	VV	105710	TMX	0.0050	-------	0
	2.45		125471	AR1016	0.0500	0.0167	3
	4.98		145778	AR1260	0.0500	0.0167	3
49	6.25	BB	79670	DCBP	0.0050	-------	0
			456630			0.0333	

DEC 1 2005

12/01/2005 09:49:08 Result: H:\TURBO6\5890-19\19A38041.rst

Group Report For : AR1016

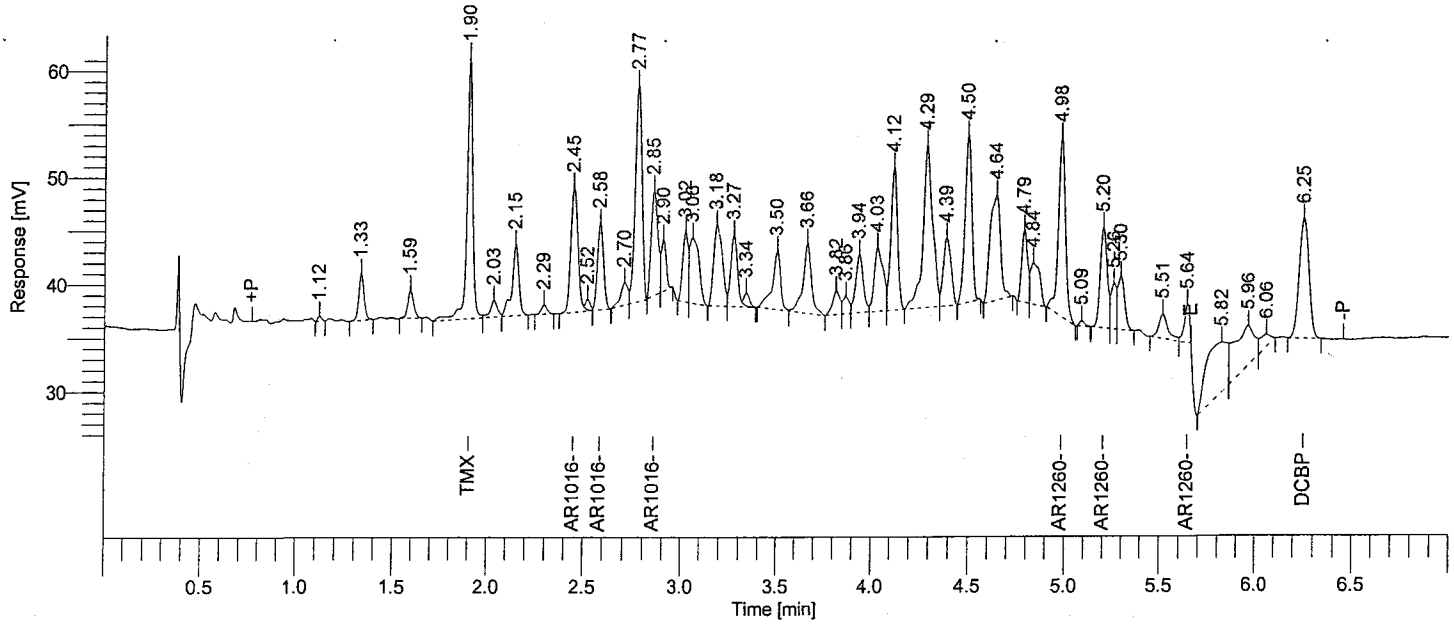
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
13	2.45	BE	58215	AR1016-A	0.0500	0.0167	3
15	2.58	VB	31854	AR1016-B	0.0500	0.0167	3
18	2.85	BV	35402	AR1016-C	0.0500	0.0167	3
			125471			0.0500	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
38	4.98	BB	78315	AR1260-A	0.0500	0.0167	3
40	5.20	BV	44018	AR1260-B	0.0500	0.0167	3
45	5.64	BB	23445	AR1260-C	0.0500	0.0167	3
			145778			0.0500	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 11:27:20
Reprocess Number	: buf2044: 227		
Operator	: tchrom	Sample Name	: ICM66ML
Sample Number	: 0.025NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 02:11:09	Cycle	: 7

Raw Data File : H:\TURBO6\5890-19\19A38042.raw <Modified>
Result File : H:\TURBO6\5890-19\19a38042.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A38042.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19a38042.rst
Calib Method : h:\turbo6\5890-19\sa66(11-30-05).mth from H:\TURBO6\5890-19\19a38042.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
4	1.90	BV	52323	TMX	0.0030	----	0
	2.45		71189	AR1016	0.0250	0.0083	3
	4.98		73855	AR1260	0.0250	0.0083	3
43	6.25	BB	37687	DCBP	0.0028	----	0
			235054			0.0167	

DEC 1 2005

Group Report For : AR1016

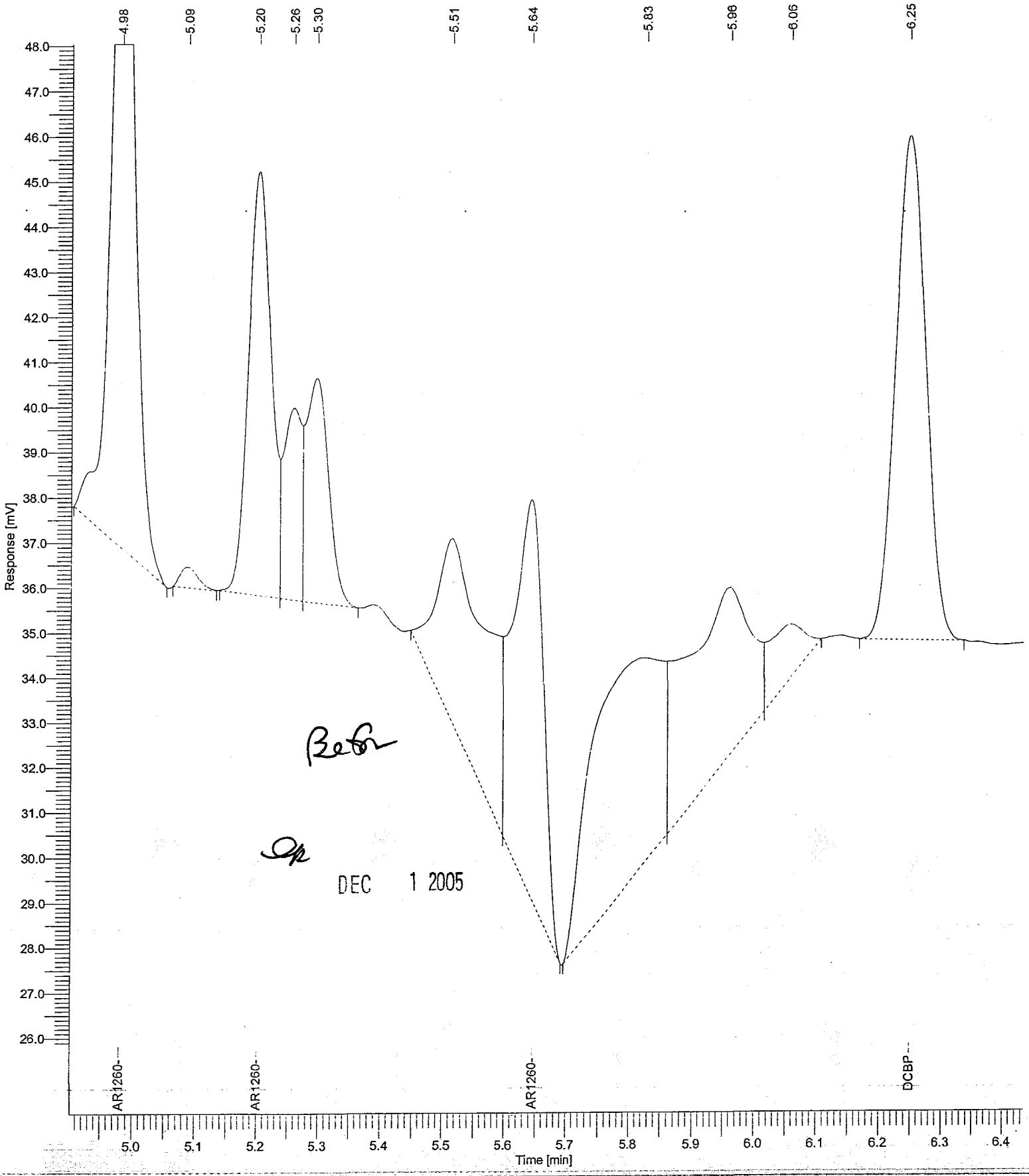
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
8	2.45	BE	31230	AR1016-A	0.0250	0.0083	3
10	2.58	VB	16863	AR1016-B	0.0250	0.0083	3
13	2.85	BV	23096	AR1016-C	0.0250	0.0083	3
			71189			0.0250	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
33	4.98	BB	43164	AR1260-A	0.0250	0.0083	3
35	5.20	BV	23944	AR1260-B	0.0250	0.0083	3
39	5.64	*VB	6747	AR1260-C	0.0250	0.0083	3
			73855			0.0250	

Chromatogram

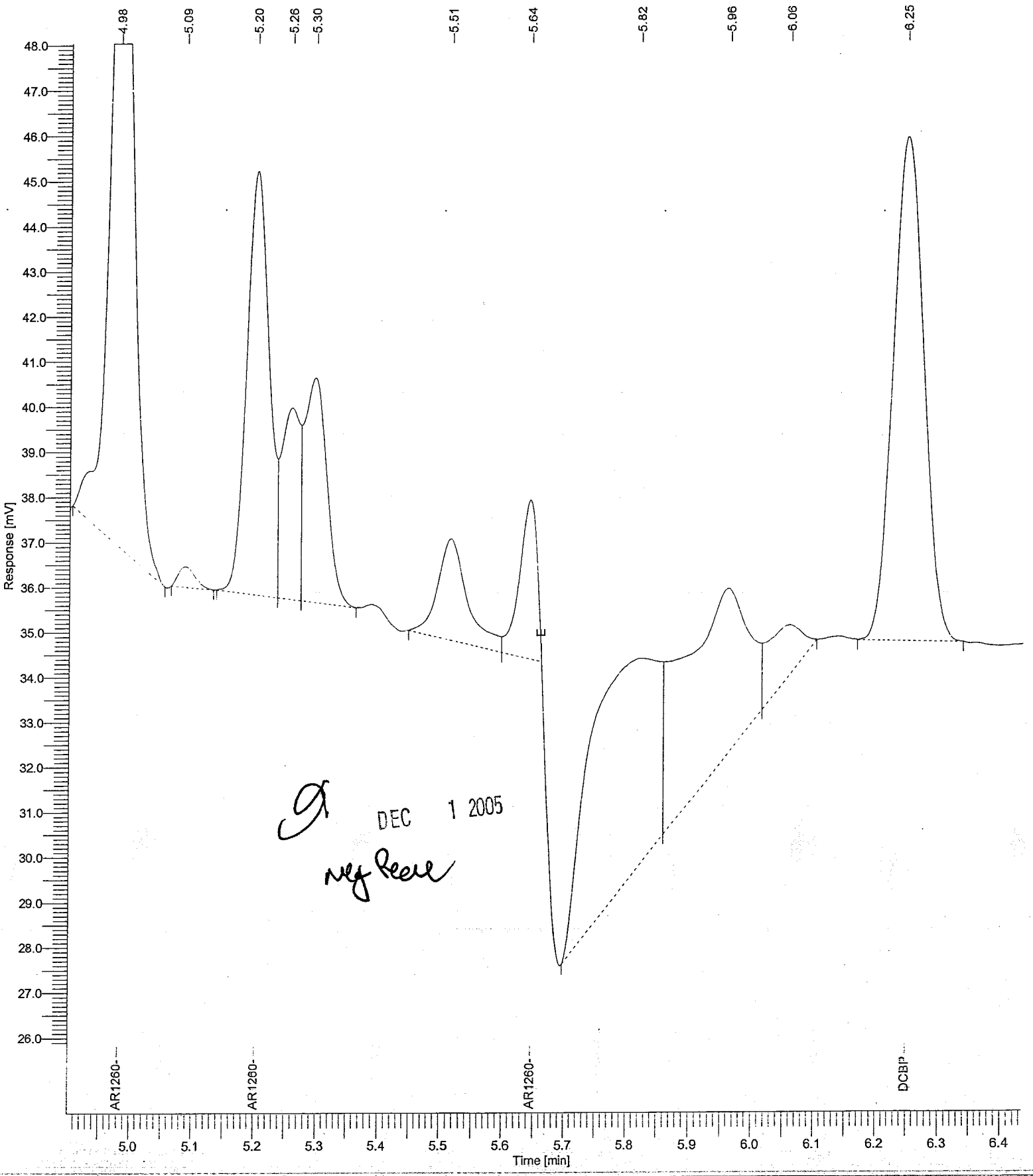
Sample Name : ICM66ML Sample #: 0.025NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19A38042.raw
Date : 12/01/2005 11:24:43
Method : Time of Injection: 12/01/2005 02:11:09
Start Time : 4.90 min End Time : 6.44 min Low Point : 25.82 mV High Point : 48.04 mV
Plot Offset: 25.82 mV Plot Scale: 22.2 mV



DEC 1 2005

Chromatogram

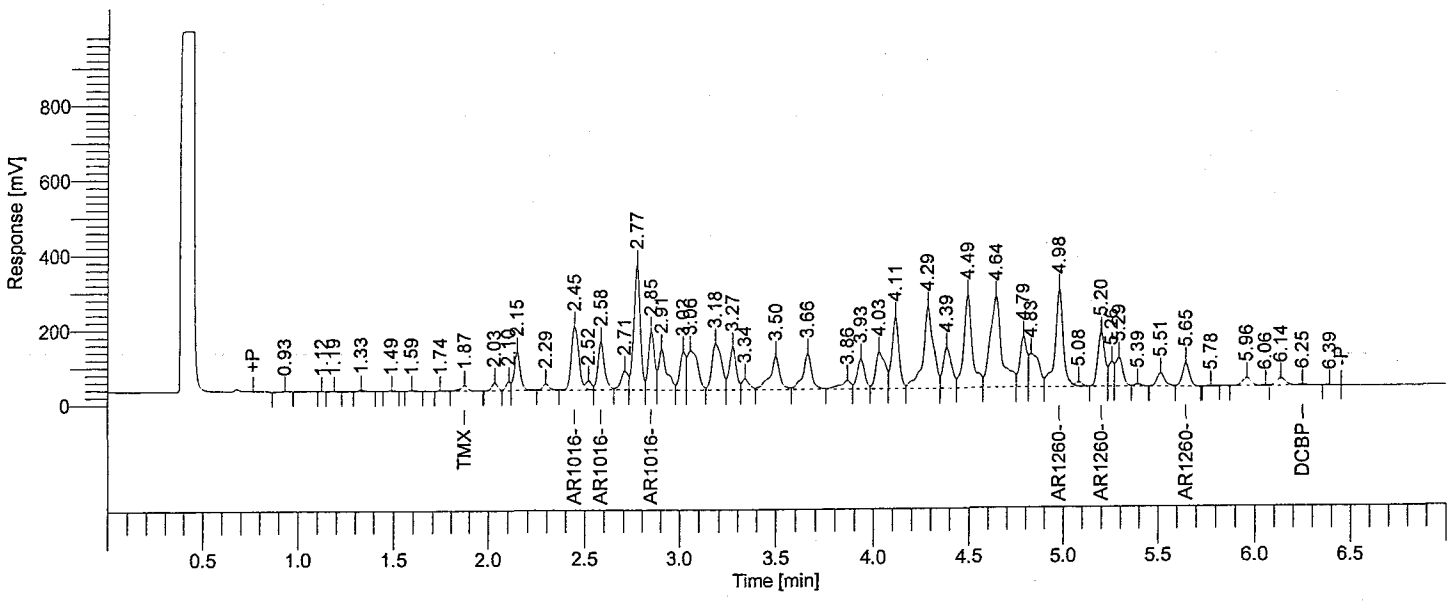
Sample Name : ICM66ML Sample #: 0.025NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19A38042.raw
Date : 12/01/2005 11:24:15
Method : Time of Injection: 12/01/2005 02:11:09
Start Time : 4.90 min End Time : 6.44 min Low Point : 25.82 mV High Point : 48.04 mV
Plot Offset: 25.82 mV Plot Scale: 22.2 mV



DEC 1 2005

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:57:11
Reprocess Number	: buf2042: 83356		
Operator	: tchrom	Sample Name	: ACM66EB
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 02:29:05	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19A38043.raw <Modified>
Result File : H:\TURBO6\5890-19\19A38043.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A38043.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A38043.rst
Calib Method : h:\turbo6\5890-19\sa66(11-30-05).mth from H:\TURBO6\5890-19\19A38043.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.87	VB	42322	TMX	-5e-04	----------	84644.8667	-100.1
2.45		1135543	AR1016	0.6191	1.8340e+06	2.2711e+06	3.2
4.98		1331916	AR1260	0.6082	2.1898e+06	2.6638e+06	1.4
6.25	EV	14848	DCBP	-2e-03	----------	29695.3078	-100.3
		2524629		1.2253		5.0493e+06	

DEC 1 2005

12/01/2005 09:57:11 Result: H:\TURBO6\5890-19\19A38043.rst

Group Report For : AR1016

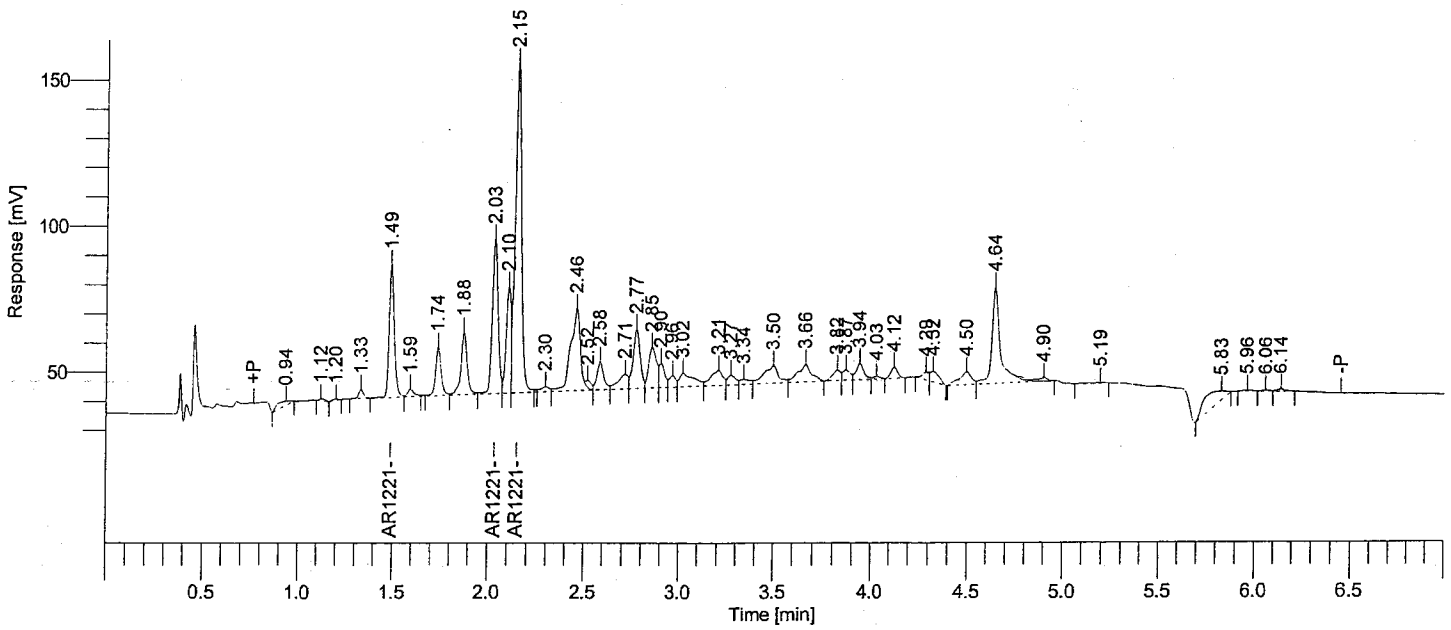
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.45	VE	474899	AR1016-A	0.6082	7.8089e+05	9.4980e+05	1.4
2.58	VV	309655	AR1016-B	0.6477	4.7812e+05	6.1931e+05	7.9
2.85	VV	350988	AR1016-C	0.6102	5.7524e+05	7.0198e+05	1.7
		1135543		1.8660		2.2711e+06	

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
4.98	VE	787625	AR1260-A	0.6089	1.2936e+06	1.5752e+06	1.5
5.20	VV	379858	AR1260-B	0.6007	6.3232e+05	7.5972e+05	0.1
5.65	VB	164433	AR1260-C	0.6237	2.6365e+05	3.2887e+05	3.9
		1331916		1.8333		2.6638e+06	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:30:17
Reprocess Number	: buf2042: 83313		
Operator	: tchrom	Sample Name	: ICM21RA
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 21:22:38	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19A38026.raw <Modified>
Result File : H:\TURBO6\5890-19\19A38026.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A38026.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A38026.rst
Calib Method : h:\turbo6\5890-19\sa21(11-30-05).mth from H:\TURBO6\5890-19\19A38026.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	2.15		444338	AR1221	0.5000	0.1667	3
			444338			0.1667	

Processed by: GHD 12/1/05
Reviewed by: DEC\ 1\2005

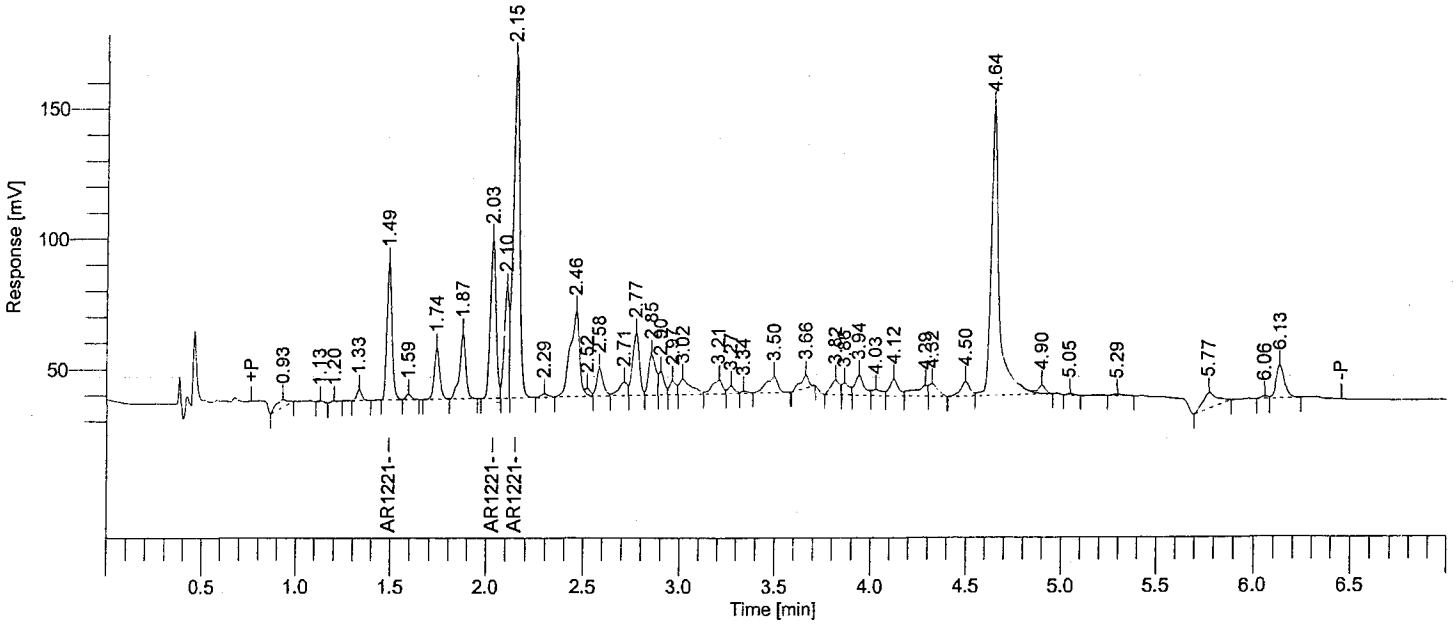
12/01/2005 09:30:17 Result: H:\TURBO6\5890-19\19A38026.rst

Group Report For : AR1221

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
5	1.49	VV	85792	AR1221-A	0.5000	0.1667	3
9	2.03	VV	109128	AR1221-B	0.5000	0.1667	3
11	2.15	VV	249417	AR1221-C	0.5000	0.1667	3
			444338			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:30:25
Reprocess Number	: buf2042: 83315		
Operator	: tchrom	Sample Name	: ACM21PA
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 21:40:35	Cycle	: 2

Raw Data File : H:\TURBO6\5890-19\19A38027.raw <Modified>
Result File : H:\TURBO6\5890-19\19A38027.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A38027.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A38027.rst
Calib Method : h:\turbo6\5890-19\sa21(11-30-05).mth from H:\TURBO6\5890-19\19A38027.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.15		507352	AR1221	0.5709	8.8868e+05	1.0147e+06	-4.8
		507352		0.5709		1.0147e+06	

DEC 1 2005

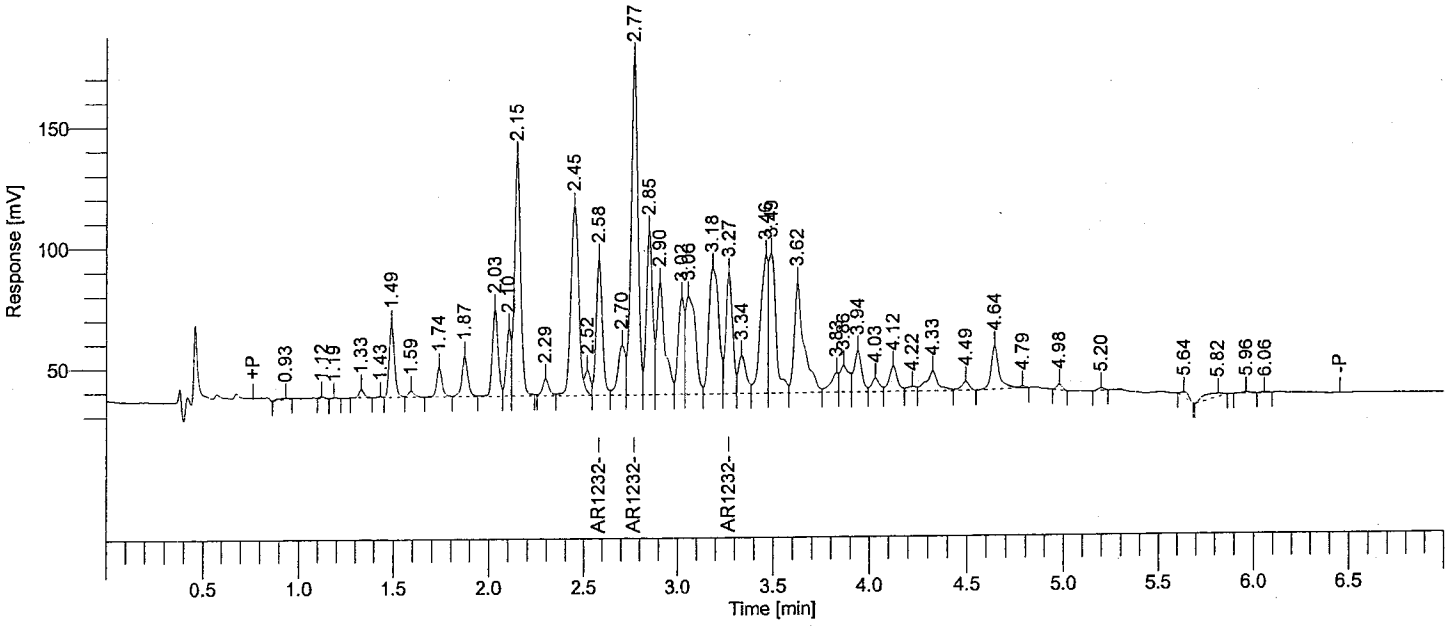
12/01/2005 09:30:25 Result: H:\TURBO6\5890-19\19A38027.rst

Group Report For : AR1221

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.49	BV	97521	AR1221-A	0.5684	1.7158e+05	1.9504e+05	-5.3
2.03	BV	124007	AR1221-B	0.5682	2.1826e+05	2.4801e+05	-5.3
2.15	VV	285824	AR1221-C	0.5730	4.9883e+05	5.7165e+05	-4.5
		507352		1.7095		1.0147e+06	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:30:32
Reprocess Number	: buf2042: 83317		
Operator	: tchrom	Sample Name	: ICM32GA
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 21:58:34	Cycle	: 3

Raw Data File : H:\TURBO6\5890-19\19A38028.raw <Modified>
Result File : H:\TURBO6\5890-19\19A38028.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A38028.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A38028.rst
Calib Method : h:\turbo6\5890-19\sa32(11-30-05).mth from H:\TURBO6\5890-19\19A38028.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	2.77		605285	AR1232	0.5000	0.1667	3
			605285			0.1667	

Processed by: GRD 12/1 KS

Reviewed by: [signature] DEC 1 2005

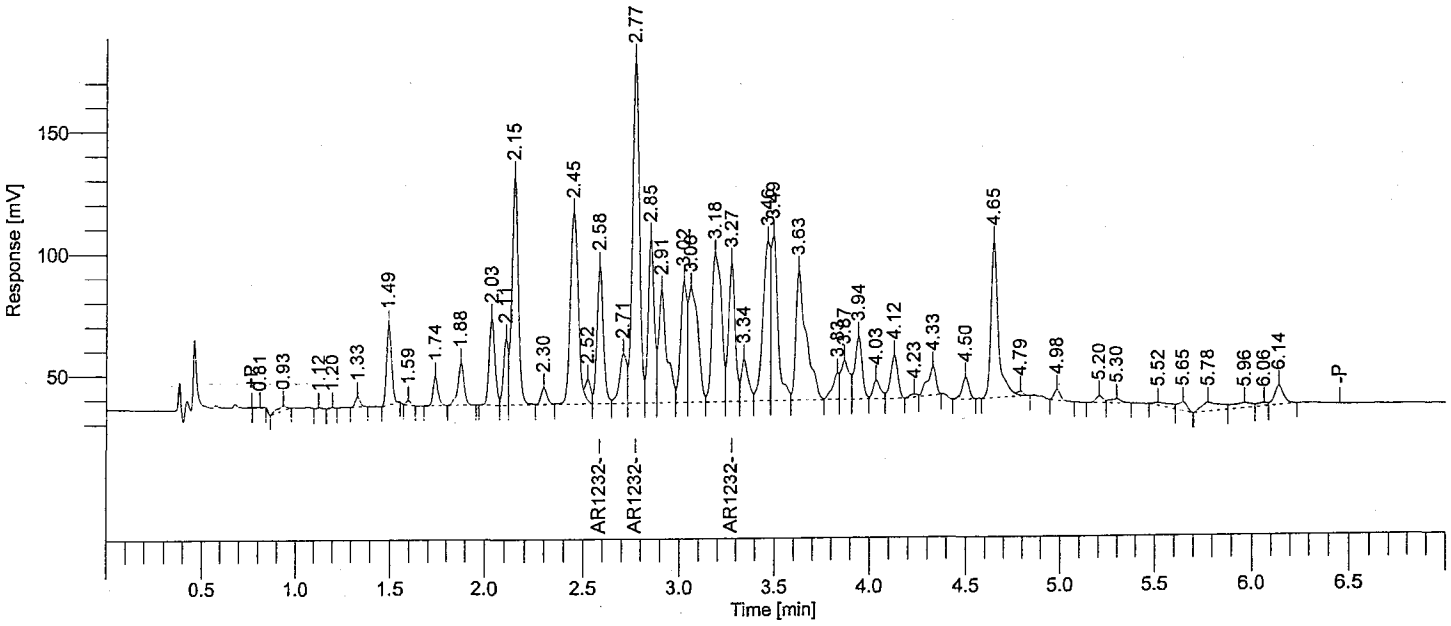
12/01/2005 09:30:32 Result: H:\TURBO6\5890-19\19A38028.rst

Group Report For : AR1232

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
16	2.58	VV	128212	AR1232-A	0.5000	0.1667	3
18	2.77	VV	349135	AR1232-B	0.5000	0.1667	3
24	3.27	VV	127938	AR1232-C	0.5000	0.1667	3
			605285			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:30:40
Reprocess Number	: buf2042: 83319		
Operator	: tchrom	Sample Name	: ACM32BB
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 22:16:51	Cycle	: 4

Raw Data File : H:\TURBO6\5890-19\19A38029.raw <Modified>
Result File : H:\TURBO6\5890-19\19A38029.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A38029.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A38029.rst
Calib Method : h:\turbo6\5890-19\sa32(11-30-05).mth from H:\TURBO6\5890-19\19A38029.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.77		622512	AR1232	0.5142	1.2106e+06	1.2450e+06	-14.3
		622512		0.5142		1.2450e+06	

DEC 1 2005

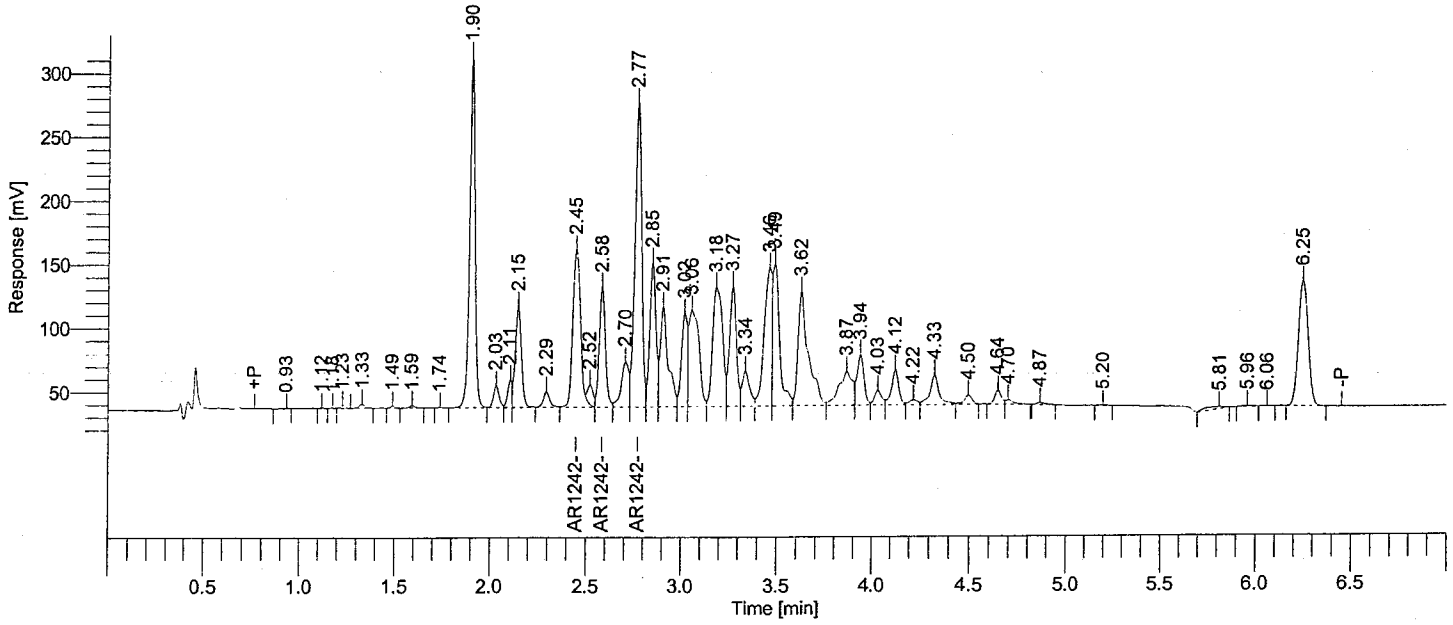
12/01/2005 09:30:40 Result: H:\TURBO6\5890-19\19A38029.rst

Group Report For : AR1232

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.58	VV	126913	AR1232-A	0.4949	2.5642e+05	2.5383e+05	-17.5
2.77	VV	351861	AR1232-B	0.5039	6.9827e+05	7.0372e+05	-16.0
3.27	VV	143738	AR1232-C	0.5618	2.5588e+05	2.8748e+05	-6.4
		622512		1.5606		1.2450e+06	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:30:47
Reprocess Number	: buf2042: 83321		
Operator	: tchrom	Sample Name	: ICM42SA
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 22:34:50	Cycle	: 5

Raw Data File : H:\TURBO6\5890-19\19A38030.raw <Modified>
Result File : H:\TURBO6\5890-19\19A38030.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A38030.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A38030.rst
Calib Method : h:\turbo6\5890-19\sa42(11-30-05).mth from H:\TURBO6\5890-19\19A38030.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	2.77		1148376	AR1242	0.5000	0.1667	3
			1148376			0.1667	

Processed by: GFD 12/1/05
Reviewed by: [signature] DEC 1 2005

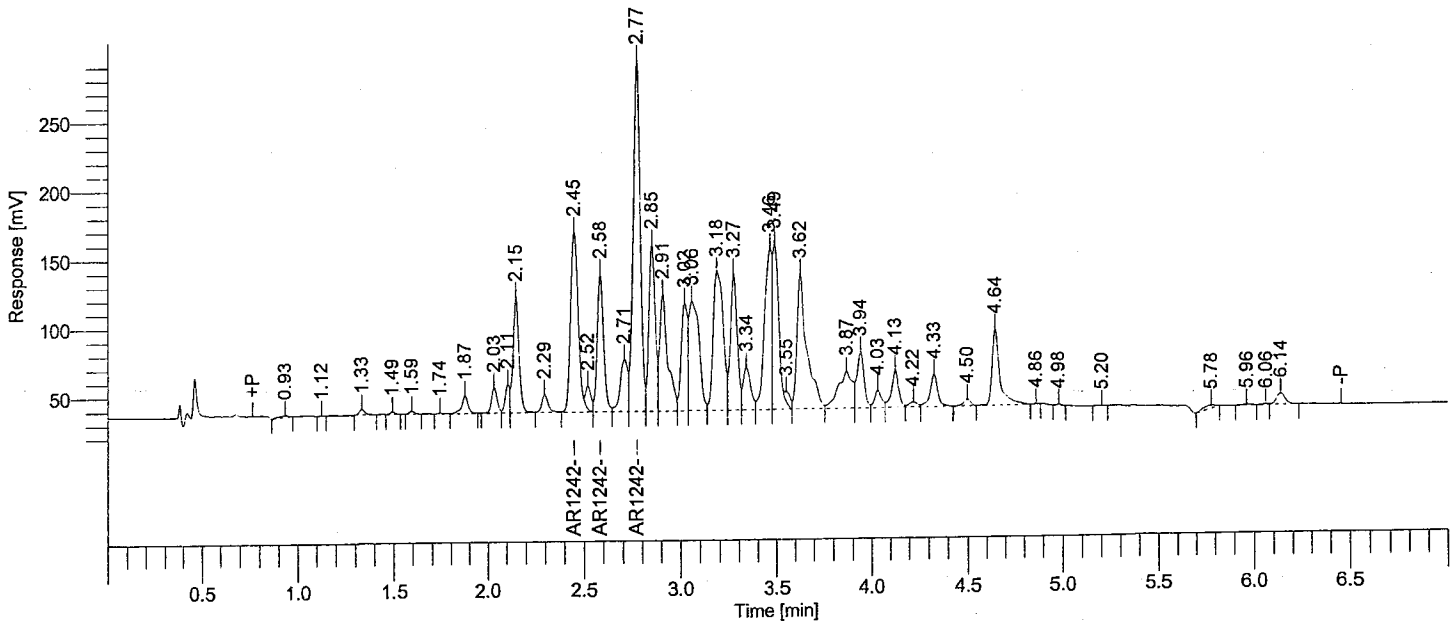
12/01/2005 09:30:47 Result: H:\TURBO6\5890-19\19A38030.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
14	2.45	VE	345570	AR1242-A	0.5000	0.1667	3
16	2.58	VV	209206	AR1242-B	0.5000	0.1667	3
18	2.77	VV	593601	AR1242-C	0.5000	0.1667	3
			1148376			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:30:53
Reprocess Number	: buf2042: 83323		
Operator	: tchrom	Sample Name	: ACM42OA
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 22:52:57	Cycle	: 6

Raw Data File : H:\TURBO6\5890-19\19A38031.raw <Modified>
Result File : H:\TURBO6\5890-19\19A38031.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A38031.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A38031.rst
Calib Method : h:\turbo6\5890-19\sa42(11-30-05).mth from H:\TURBO6\5890-19\19A38031.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.77		1227090	AR1242	0.5343	2.2968e+06	2.4542e+06	-11.0
		1227090		0.5343		2.4542e+06	

DEC 1 2005

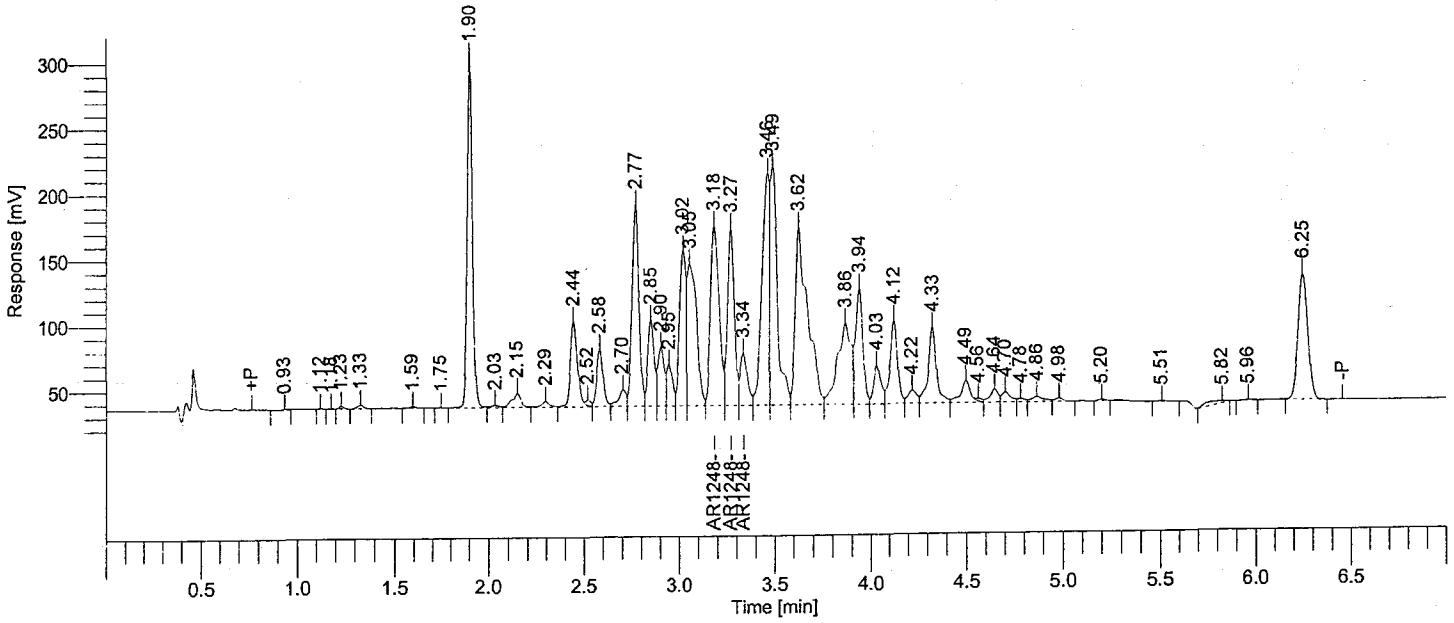
12/01/2005 09:30:53 Result: H:\TURBO6\5890-19\19A38031.rst

Group Report For : AR1242

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.45	VE	364224	AR1242-A	0.5270	6.9114e+05	7.2845e+05	-12.2
2.58	VV	226288	AR1242-B	0.5408	4.1841e+05	4.5258e+05	-9.9
2.77	VV	636578	AR1242-C	0.5362	1.1872e+06	1.2732e+06	-10.6
		1227090		1.6040		2.4542e+06	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:31:00
Reprocess Number	: buf2042: 83325		
Operator	: tchrom	Sample Name	: ICM48RA
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 23:10:57	Cycle	: 7

Raw Data File : H:\TURBO6\5890-19\19A38032.raw <Modified>
Result File : H:\TURBO6\5890-19\19A38032.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A38032.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A38032.rst
Calib Method : h:\turbo6\5890-19\sa48(11-30-05).mth from H:\TURBO6\5890-19\19A38032.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	3.18		873312	AR1248	0.5000	0.1667	3
			873312			0.1667	

Processed by: GMD 12/1/05
Reviewed by: DEC 11 2005

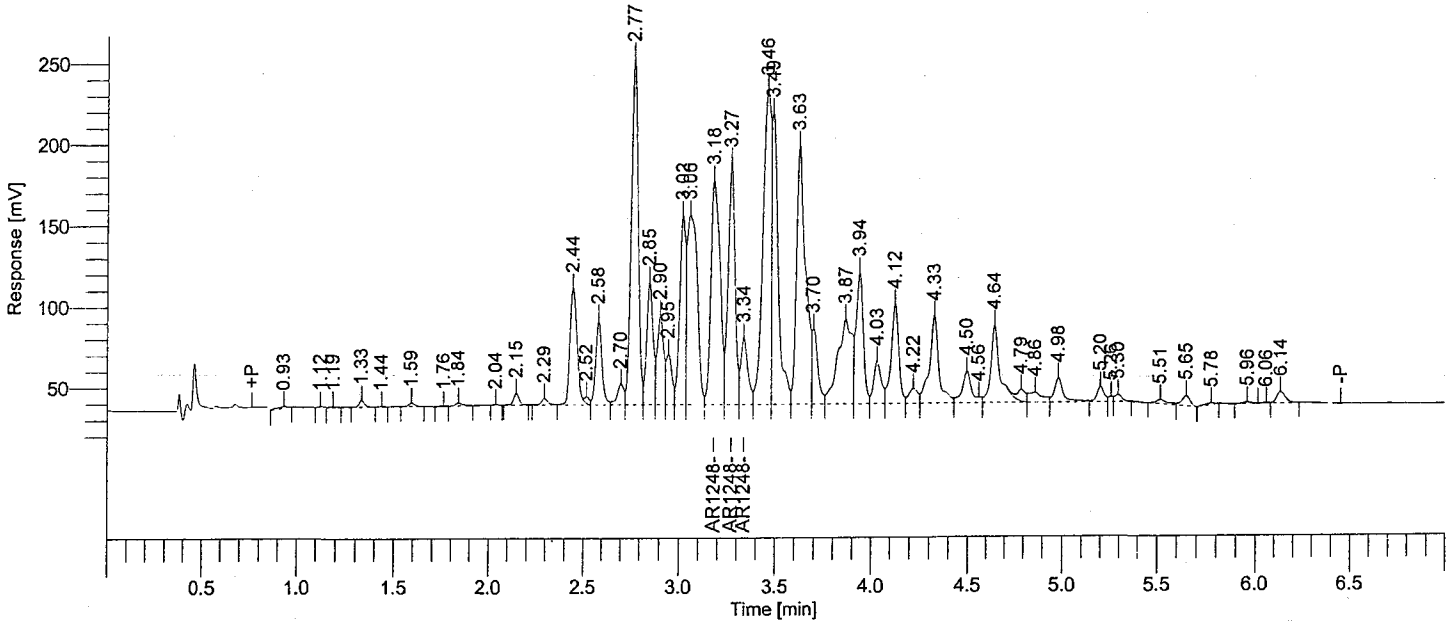
12/01/2005 09:31:00 Result: H:\TURBO6\5890-19\19A38032.rst

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
22	3.18	VV	428746	AR1248-A	0.5000	0.1667	3
23	3.27	VV	341113	AR1248-B	0.5000	0.1667	3
24	3.34	VV	103452	AR1248-C	0.5000	0.1667	3
			873312			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:31:06
Reprocess Number	: buf2042: 83327		
Operator	: tchrom	Sample Name	: ACM48MA
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 23:28:54	Cycle	: 8

Raw Data File : H:\TURBO6\5890-19\19A38033.raw <Modified>
Result File : H:\TURBO6\5890-19\19A38033.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A38033.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A38033.rst
Calib Method : h:\turbo6\5890-19\sa48(11-30-05).mth from H:\TURBO6\5890-19\19A38033.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.27		933436	AR1248	0.5344	1.7466e+06	1.8669e+06	-10.9
		933436		0.5344		1.8669e+06	

DEC 1 2005

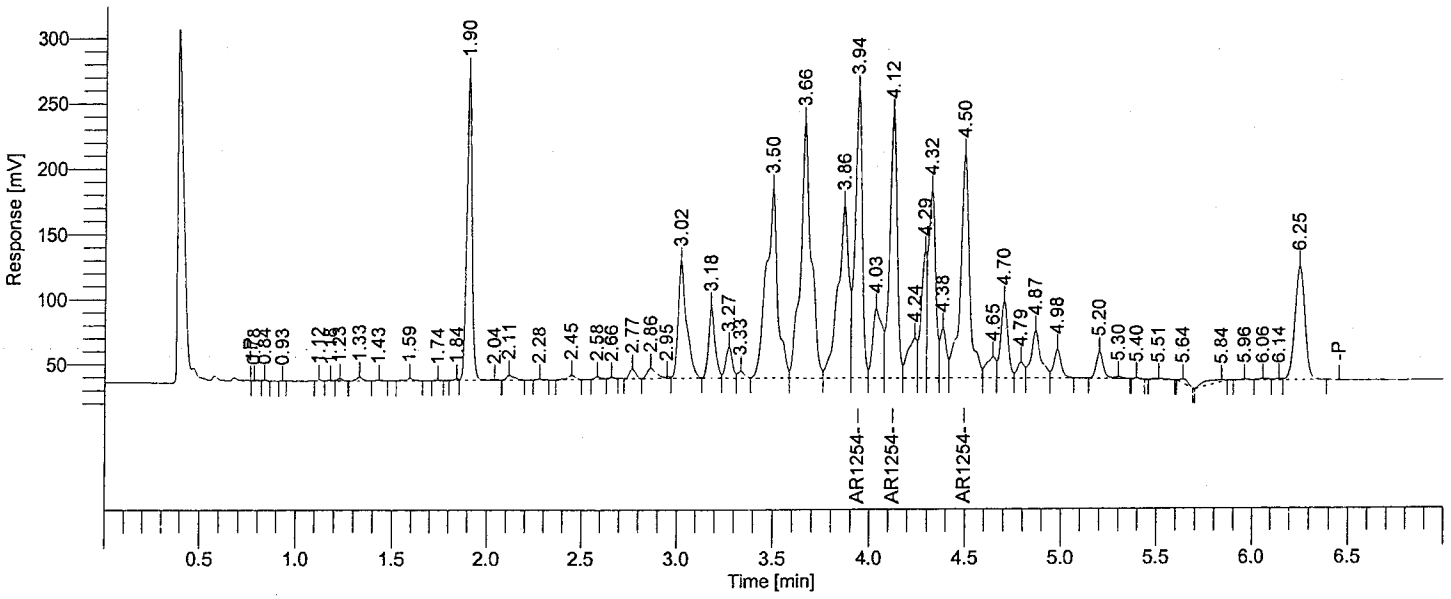
12/01/2005 09:31:06 Result: H:\TURBO6\5890-19\19A38033.rst

Group Report For : AR1248

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.18	VV	451136	AR1248-A	0.5261	8.5749e+05	9.0227e+05	-12.3
3.27	VV	376090	AR1248-B	0.5513	6.8223e+05	7.5218e+05	-8.1
3.34	VV	106210	AR1248-C	0.5133	2.0690e+05	2.1242e+05	-14.4
		933436		1.5907		1.8669e+06	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:31:12
Reprocess Number	: buf2042: 83329		
Operator	: tchrom	Sample Name	: ICM54TC
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 23:46:53	Cycle	: 9

Raw Data File : H:\TURBO6\5890-19\19A38034.raw <Modified>
Result File : H:\TURBO6\5890-19\19A38034.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A38034.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A38034.rst
Calib Method : h:\turbo6\5890-19\sa54(11-30-05).mth from H:\TURBO6\5890-19\19A38034.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	3.94		1699872	AR1254	0.5000	0.1667	3
			1699872			0.1667	

Processed by: BH 12/1/05
Reviewed by: DEC 1 2005

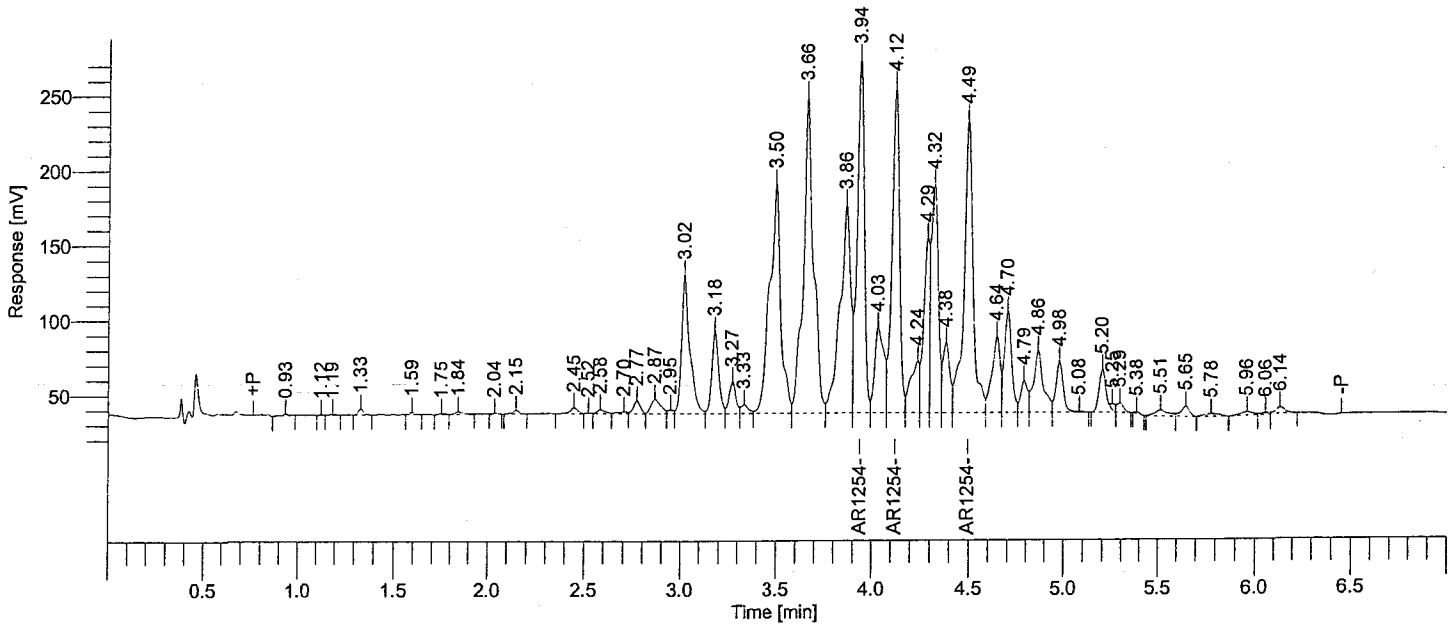
12/01/2005 09:31:12 Result: H:\TURBO6\5890-19\19A38034.rst

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
29	3.94	VV	571439	AR1254-A	0.5000	0.1667	3
31	4.12	VV	551705	AR1254-B	0.5000	0.1667	3
36	4.50	VV	576727	AR1254-C	0.5000	0.1667	3
			1699872			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 09:31:18
Reprocess Number	: buf2042: 83331		
Operator	: tchrom	Sample Name	: ACM54RA
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 00:04:49	Cycle	: 10

Raw Data File : H:\TURBO6\5890-19\19A38035.raw <Modified>
Result File : H:\TURBO6\5890-19\19A38035.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A38035.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A38035.rst
Calib Method : h:\turbo6\5890-19\sa54(11-30-05).mth from H:\TURBO6\5890-19\19A38035.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-19\19D38.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.94		1830917	AR1254	0.5385	3.3997e+06	3.6618e+06	-10.2
		1830917		0.5385		3.6618e+06	

DEC 1 2005

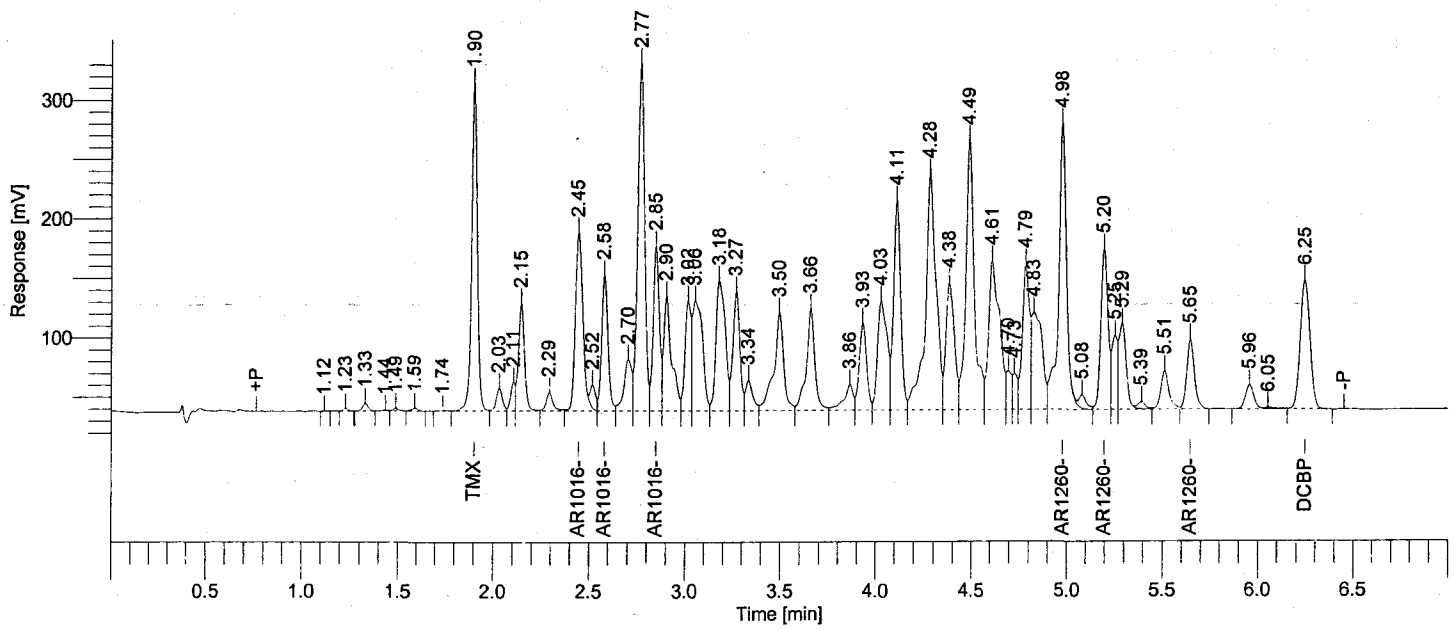
12/01/2005 09:31:18 Result: H:\TURBO6\5890-19\19A38035.rst

Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.94	VV	612192	AR1254-A	0.5357	1.1429e+06	1.2244e+06	-10.7
4.12	VV	586690	AR1254-B	0.5317	1.1034e+06	1.1734e+06	-11.4
4.49	VV	632035	AR1254-C	0.5479	1.1535e+06	1.2641e+06	-8.7
		1830917		1.6153		3.6618e+06	

Software Version	: 6.2.1.0.104:0104	Date	: 12/13/2005 19:44:53
Reprocess Number	: buf2046: 32124		
Operator	: tchrom	Sample Name	: ICM66MN
Sample Number	: 0.5	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/13/2005 18:52:04	Cycle	: 11

Raw Data File : H:\TURBO6\5890-19\19A39160.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39160.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39160.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39160.rst
Calib Method : h:\turbo6\5890-19\sa66(11-30-05).mth from H:\TURBO6\5890-19\19A39160.rst
Report Format File: h:\turbo6\5890-19\s%d.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
1.90	VV	549371	TMX	0.0308	1.7849e+07	1.0987e+06	2.6	1.83 - 1.97
2.45		992825	AR1016	0.5335	1.8609e+06	1.9857e+06	6.7	2.38 - 2.52
4.98		1249459	AR1260	0.5674	2.2020e+06	2.4989e+06	13.5	4.91 - 5.05
6.25	VB	389227	DCBP	0.0328	1.1859e+07	7.7845e+05	9.4	6.18 - 6.32
		3180882		1.1645		6.3618e+06		

Group Report For : AR1016

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
2.45	VE	421941	AR1016-A	0.5327	7.9213e+05	8.4388e+05	6.5	2.38 - 2.52
2.58	VV	258747	AR1016-B	0.5312	4.8710e+05	5.1749e+05	6.2	2.51 - 2.65
2.85	VV	312138	AR1016-C	0.5366	5.8173e+05	6.2428e+05	7.3	2.78 - 2.92
		992825		1.6004		1.9857e+06		

12/13/05

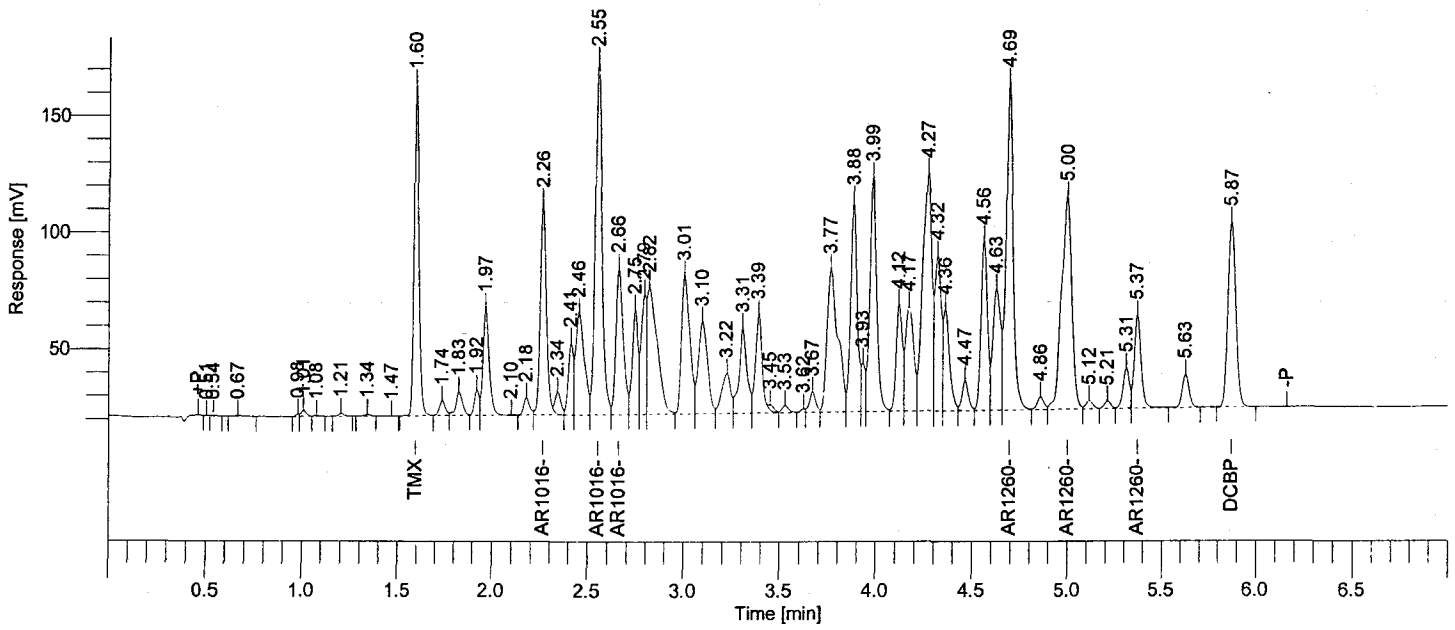
12/13/2005 19:44:53 Result: H:\TURBO6\5890-19\19A39160.rst

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
4.98	VE	728021	AR1260-A	0.5594	1.3013e+06	1.4560e+06	11.9	4.91 - 5.05
5.20	VV	355662	AR1260-B	0.5588	6.3644e+05	7.1132e+05	11.8	5.13 - 5.27
5.65	VB	165776	AR1260-C	0.6282	2.6388e+05	3.3155e+05	25.6	5.58 - 5.72
		1249459		1.7465		2.4989e+06		

Software Version	: 6.2.1.0.104:0104	Date	: 12/13/2005 19:44:55
Reprocess Number	: buf2046: 32125		
Operator	: tchrom	Sample Name	: ICM66MN
Sample Number	: 0.5	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/13/2005 18:52:04	Cycle	: 11

Raw Data File : H:\TURBO6\5890-19\19B39160.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39160.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39160.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39160.rst
Calib Method : h:\turbo6\5890-19\sb66(11-30-05).mth from H:\TURBO6\5890-19\19B39160.rst
Report Format File: h:\turbo6\5890-19\s%d.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Window
1.60	BV	256213	TMX	0.0316	8.1110e+06	5.1243e+05	5.3	1.53	-	1.67
2.55		727410	AR1016	0.5470	1.3299e+06	1.4548e+06	9.4	2.48	-	2.62
4.69		801739	AR1260	0.5310	1.5099e+06	1.6035e+06	6.2	4.62	-	4.76
5.87	VB	232396	DCBP	0.0315	7.3816e+06	4.6479e+05	4.9	5.80	-	5.94
		2017759		1.1410		4.0355e+06				

12/13/05

Group Report For : AR1016

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Window
2.26	VE	206154	AR1016-A	0.5458	3.7774e+05	4.1231e+05	9.2	2.19	-	2.33
2.55	VV	361805	AR1016-B	0.5495	6.5843e+05	7.2361e+05	9.9	2.48	-	2.62
2.66	VV	159451	AR1016-C	0.5429	2.9372e+05	3.1890e+05	8.6	2.59	-	2.73
		727410		1.6381		1.4548e+06				

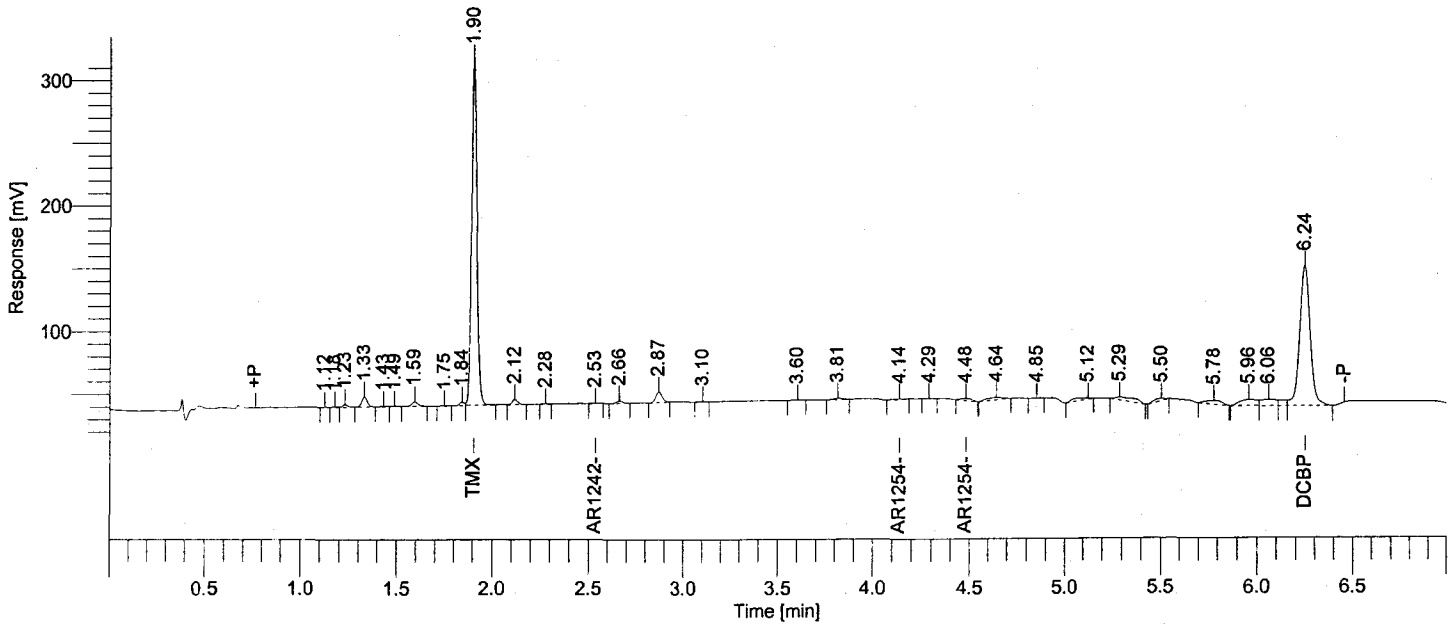
12/13/2005 19:44:55 Result: H:\TURBO6\5890-19\19B39160.rst

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
4.69	VV	363996	AR1260-A	0.5345	6.8100e+05	7.2799e+05	6.9	4.62 - 4.76
5.00	VV	337096	AR1260-B	0.5294	6.3671e+05	6.7419e+05	5.9	4.93 - 5.07
5.37	VV	100647	AR1260-C	0.5238	1.9215e+05	2.0129e+05	4.8	5.30 - 5.44
		801739		1.5877		1.6035e+06		

Software Version	: 6.2.1.0.104:0104	Date	: 12/13/2005 19:44:56
Reprocess Number	: buf2046: 32126		
Operator	: tchrom	Sample Name	: ICM3IN
Sample Number	: 0.03	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/13/2005 19:10:02	Cycle	: 12

Raw Data File : H:\TURBO6\5890-19\19A39161.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39161.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39161.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39161.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(11-30-05).mth from H:\TURBO6\5890-19\19A39161.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
10	1.90	VB	519191	TMX	0.0290	------	0
	4.48		10474	AR1254	0.9831	0.0010	3
30	6.24	VB	423793	DCBP	0.0365	------	0
			953457			0.0010	

12/16/05

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.45		0	AR1242-A	0.0000	------	-
13	2.53	BB	269	AR1242-B	6.4e-04	2.1e-04	3
-	2.77		0	AR1242-C	0.0000	------	-
			269			2.1e-04	

12/13/2005 19:44:56 Result: H:\TURBO6\5890-19\19A39161.rst

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.18		0	AR1248-A	0.0000	------	-
-	3.27		0	AR1248-B	0.0000	------	-
-	3.34		0	AR1248-C	0.0000	------	-
			0			0.0000	

Group Report For : AR1254

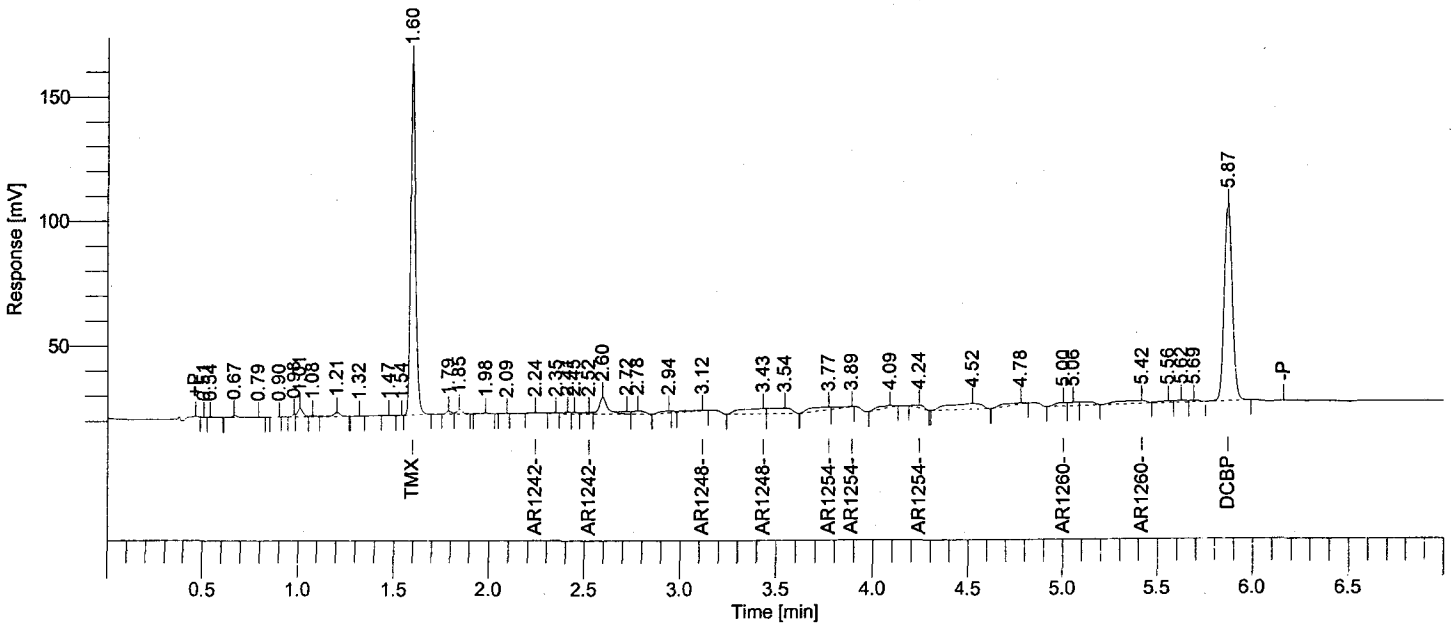
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.94		0	AR1254-A	0.0000	------	-
19	4.14	BB	3014	AR1254-B	0.0027	9.1e-04	3
21	4.48	BB	7459	AR1254-C	0.0065	0.0022	3
			10474			0.0031	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.98		0	AR1260-A	0.0000	------	-
-	5.20		0	AR1260-B	0.0000	------	-
-	5.65		0	AR1260-C	0.0000	------	-
			0			0.0000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/13/2005 19:44:57
Reprocess Number	: buf2046: 32127		
Operator	: tchrom	Sample Name	: ICM3IN
Sample Number	: 0.03	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/13/2005 19:10:02	Cycle	: 12

Raw Data File : H:\TURBO6\5890-19\19B39161.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39161.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39161.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39161.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(11-30-05).mth from H:\TURBO6\5890-19\19B39161.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
13	1.60	VB	255542	TMX	0.0315	------	0
	3.43		22759	AR1248	0.0206	0.0069	3
	4.24		17122	AR1254	0.0091	0.0030	3
	5.00		19210	AR1260	-0.0138	-5e-03	3
42	5.87	BB	229281	DCBP	0.0310	------	0
			543914			0.0053	

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
18	2.24	BV	963	AR1242-A	0.0029	9.7e-04	3
22	2.52	VV	2573	AR1242-B	0.0045	0.0015	3
-	2.66		0	AR1242-C	0.0000	------	-
			3536			0.0025	

12/13/05

12/13/2005 19:44:57 Result: H:\TURBO6\5890-19\19B39161.rst

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.01		0	AR1248-A	0.0000	------	-
27	3.12	VB	3058	AR1248-B	0.0089	0.0030	3
28	3.43	BV	19701	AR1248-C	0.0562	0.0187	3
			22759			0.0217	

Group Report For : AR1254

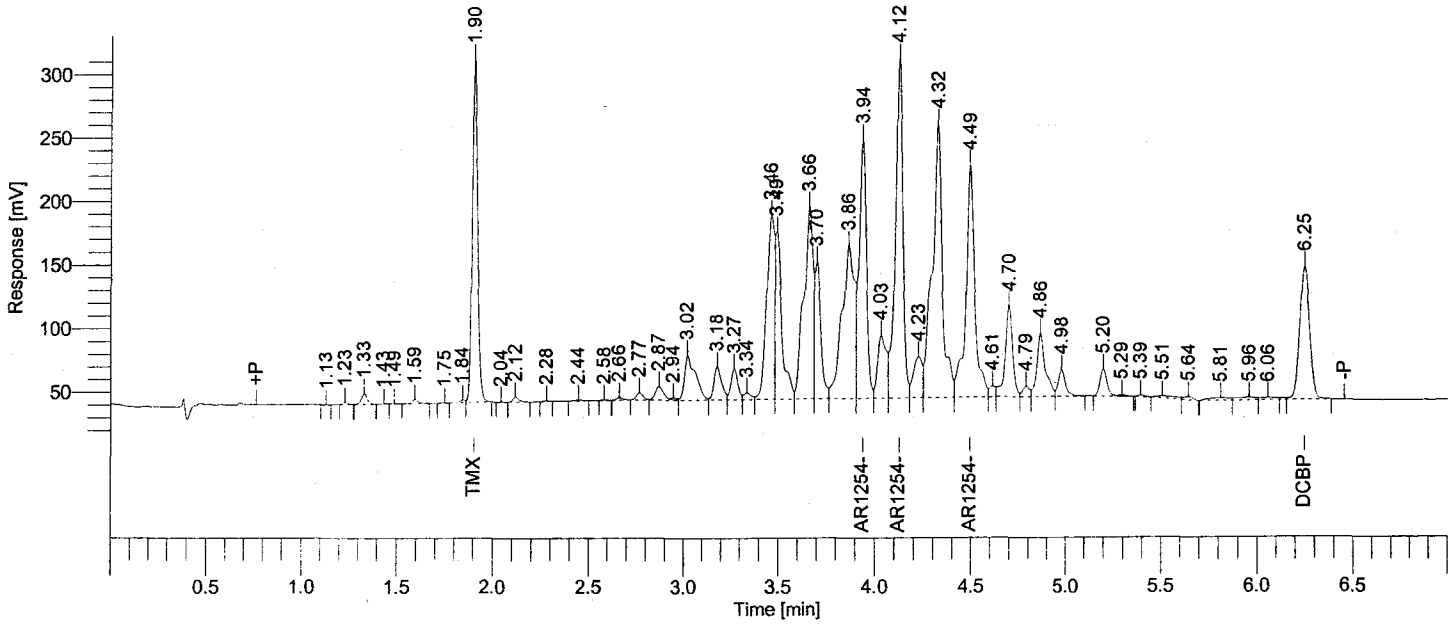
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
30	3.77	BV	10520	AR1254-A	0.0153	0.0051	3
31	3.89	VB	2911	AR1254-B	0.0045	0.0015	3
33	4.24	BB	3691	AR1254-C	0.0068	0.0023	3
			17122			0.0089	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.70		0	AR1260-A	0.0000	-------	-
36	5.00	BV	5754	AR1260-B	-0.0189	-6e-03	3
38	5.42	VV	13456	AR1260-C	0.0516	0.0172	3
			19210			0.0109	

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:15:51
Reprocess Number	: buf2042: 85614		
Operator	: tchrom	Sample Name	: ICM54UA
Sample Number	: 0.5	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/13/2005 22:27:57	Cycle	: 11

Raw Data File : H:\TURBO6\5890-19\19A39172.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39172.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39172.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39172.rst
Calib Method : h:\turbo6\5890-19\sa54(11-30-05).mth from H:\TURBO6\5890-19\19A39172.rst
Report Format File: h:\turbo6\5890-19\s%d.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
1.90	VB	514293	TMX	0.0287	1.7944e+07	1.0286e+06	-4.5	1.83 - 1.97
4.12		1879713	AR1254	0.5529	3.3997e+06	3.7594e+06	10.6	4.05 - 4.19
6.25	VB	371515	DCBP	0.0310	1.2000e+07	7.4303e+05	3.2	6.18 - 6.32
		2765521		0.6125		5.5310e+06		

12/14/05

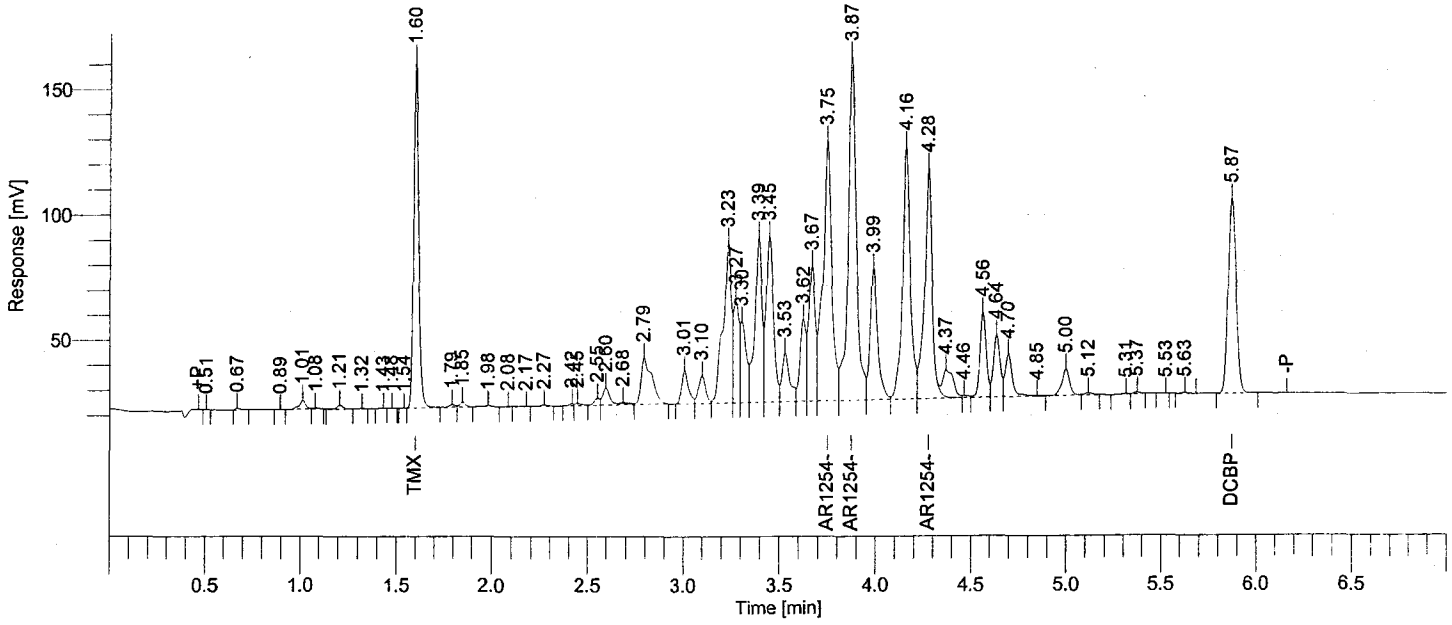
12/14/2005 07:15:51 Result: H:\TURBO6\5890-19\19A39172.rst

Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
3.94	VV	546207	AR1254-A	0.4779	1.1429e+06	1.0924e+06	-4.4	3.87 - 4.01
4.12	VV	723041	AR1254-B	0.6553	1.1034e+06	1.4461e+06	31.1	4.05 - 4.19
4.49	VV	610465	AR1254-C	0.5292	1.1535e+06	1.2209e+06	5.8	4.42 - 4.56
		1879713		1.6625		3.7594e+06		

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:15:55
Reprocess Number	: buf2042: 85615		
Operator	: tchrom	Sample Name	: ICM54UA
Sample Number	: 0.5	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/13/2005 22:27:57	Cycle	: 11

Raw Data File : H:\TURBO6\5890-19\19B39172.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39172.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39172.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39172.rst
Calib Method : h:\turbo6\5890-19\sb54(11-30-05).mth from H:\TURBO6\5890-19\19B39172.rst
Report Format File: h:\turbo6\5890-19\s%d.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
1.60	VV	256186	TMX	0.0316	8.1111e+06	5.1237e+05	5.3	1.53 - 1.67
3.87		1009180	AR1254	0.5375	1.8776e+06	2.0184e+06	7.5	3.80 - 3.94
5.87	VB	224877	DCBP	0.0302	7.4410e+06	4.4975e+05	0.7	5.80 - 5.94
		1490243		0.5993		2.9805e+06		

12/14/05

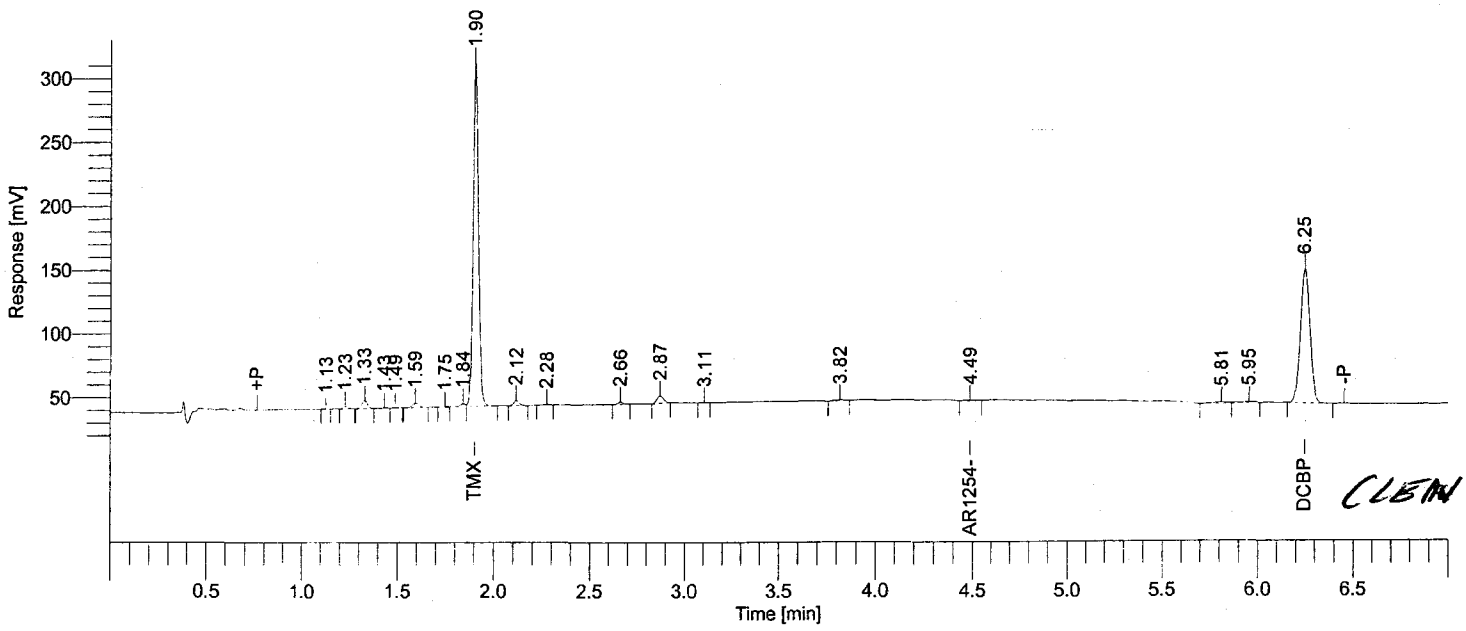
12/14/2005 07:15:55 Result: H:\TURBO6\5890-19\19B39172.rst

Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
3.75	VV	332465	AR1254-A	0.4819	6.8984e+05	6.6493e+05	-3.6	3.68 - 3.82
3.87	VV	411503	AR1254-B	0.6363	6.4673e+05	8.2301e+05	27.3	3.80 - 3.94
4.28	VE	265213	AR1254-C	0.4902	5.4104e+05	5.3043e+05	-2.0	4.21 - 4.35
		1009180		1.6084		2.0184e+06		

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:16:00
Reprocess Number	: buf2042: 85616		
Operator	: tchrom	Sample Name	: ICM3IN
Sample Number	: 0.03	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/13/2005 22:46:05	Cycle	: 12

Raw Data File : H:\TURBO6\5890-19\19A39173.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39173.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39173.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39173.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(11-30-05).mth from H:\TURBO6\5890-19\19A39173.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq

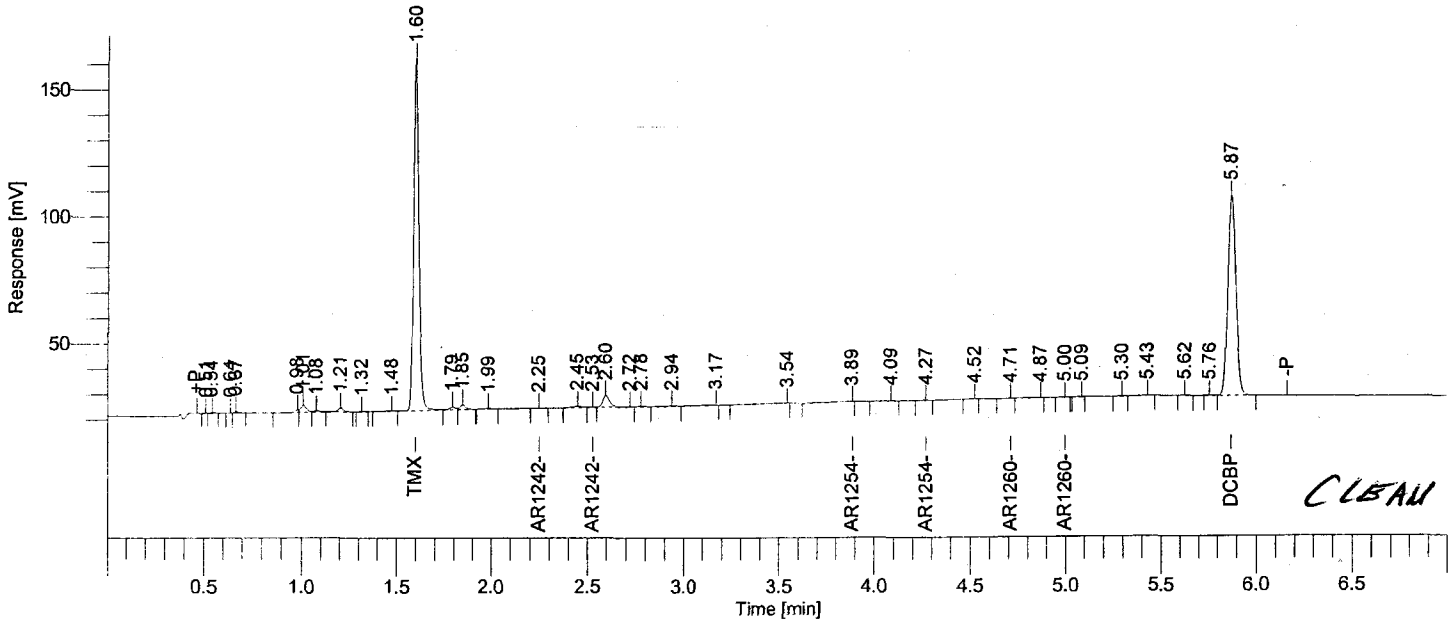


Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
9	1.90	VB	516228	TMX	0.0288	-------	0
19	6.25	BB	369270	DCBP	0.0307	-------	0
			885498			0.0000	

12/14/05

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:16:04
Reprocess Number	: buf2042: 85617		
Operator	: tchrom	Sample Name	: ICM3IN
Sample Number	: 0.03	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/13/2005 22:46:05	Cycle	: 12

Raw Data File : H:\TURBO6\5890-19\19B39173.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39173.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39173.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39173.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(11-30-05).mth from H:\TURBO6\5890-19\19B39173.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq

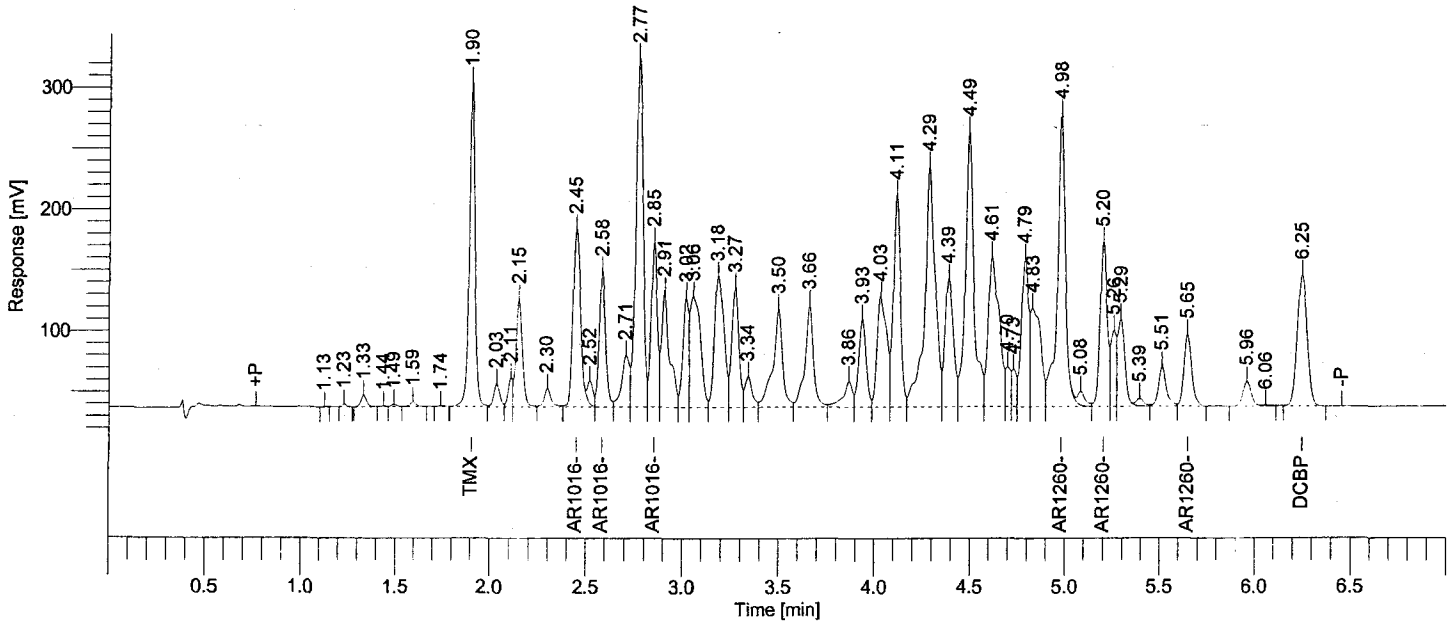


Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
11	1.60	VV	258442	TMX	0.0319	-------	0
36	5.87	VB	228075	DCBP	0.0308	-------	0
			486517			0.0000	

12/14/5
CBD

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:17:25
Reprocess Number	: buf2042: 85638		
Operator	: tchrom	Sample Name	: ICM66MN
Sample Number	: 0.5	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 02:04:11	Cycle	: 23

Raw Data File : H:\TURBO6\5890-19\19A39184.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39184.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39184.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39184.rst
Calib Method : h:\turbo6\5890-19\sa66(11-30-05).mth from H:\TURBO6\5890-19\19A39184.rst
Report Format File: h:\turbo6\5890-19\s%d.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
1.90	VV	539876	TMX	0.0302	1.7873e+07	1.0798e+06	0.7	1.83 - 1.97
2.45		973441	AR1016	0.5220	1.8648e+06	1.9469e+06	4.4	2.38 - 2.52
4.98		1247684	AR1260	0.5665	2.2023e+06	2.4954e+06	13.3	4.91 - 5.05
6.25	VB	384231	DCBP	0.0323	1.1898e+07	7.6846e+05	7.6	6.18 - 6.32
		3145232		1.1510		6.2905e+06		

12/14/05

12/14/2005 07:17:25 Result: H:\TURBO6\5890-19\19A39184.rst

Group Report For : AR1016

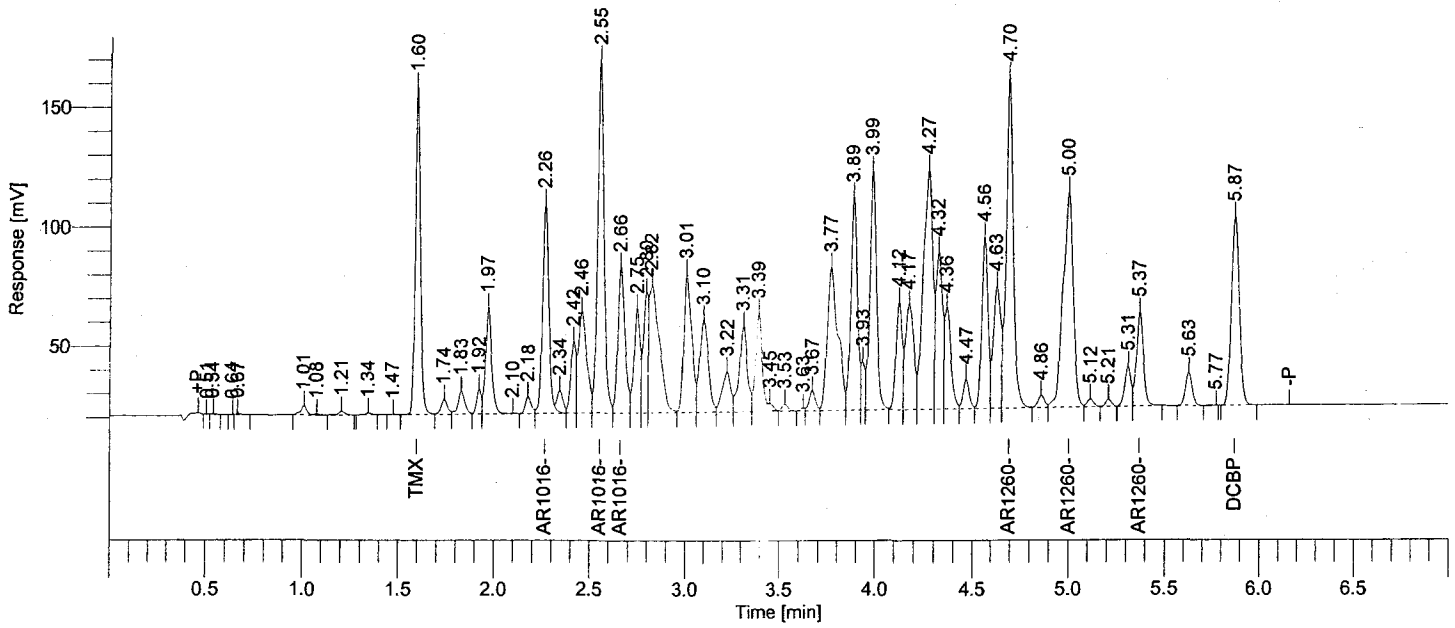
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
2.45	VE	413808	AR1016-A	0.5212	7.9399e+05	8.2762e+05	4.2	2.38 - 2.52
2.58	VV	253336	AR1016-B	0.5190	4.8814e+05	5.0667e+05	3.8	2.51 - 2.65
2.85	VV	306297	AR1016-C	0.5256	5.8277e+05	6.1259e+05	5.1	2.78 - 2.92
		973441		1.5657		1.9469e+06		

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
4.98	VE	728287	AR1260-A	0.5597	1.3013e+06	1.4566e+06	11.9	4.91 - 5.05
5.20	VV	354728	AR1260-B	0.5572	6.3660e+05	7.0946e+05	11.4	5.13 - 5.27
5.65	VB	164669	AR1260-C	0.6236	2.6406e+05	3.2934e+05	24.7	5.58 - 5.72
		1247684		1.7405		2.4954e+06		

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:17:28
Reprocess Number	: buf2042: 85639		
Operator	: tchrom	Sample Name	: ICM66MN
Sample Number	: 0.5	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 02:04:11	Cycle	: 23

Raw Data File : H:\TURBO6\5890-19\19B39184.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39184.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39184.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39184.rst
Calib Method : h:\turbo6\5890-19\sb66(11-30-05).mth from H:\TURBO6\5890-19\19B39184.rst
Report Format File: h:\turbo6\5890-19\s%d.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
1.60	BV	253366	TMX	0.0312	8.1256e+06	5.0673e+05	3.9	1.53 - 1.67
2.55		714299	AR1016	0.5360	1.3327e+06	1.4286e+06	7.2	2.48 - 2.62
4.70		788706	AR1260	0.5215	1.5125e+06	1.5774e+06	4.3	4.63 - 4.77
5.87	VB	230274	DCBP	0.0311	7.3982e+06	4.6055e+05	3.8	5.80 - 5.94
		1986645		1.1197		3.9733e+06		

12/14/05

12/14/2005 07:17:28 Result: H:\TURBO6\5890-19\19B39184.rst

Group Report For : AR1016

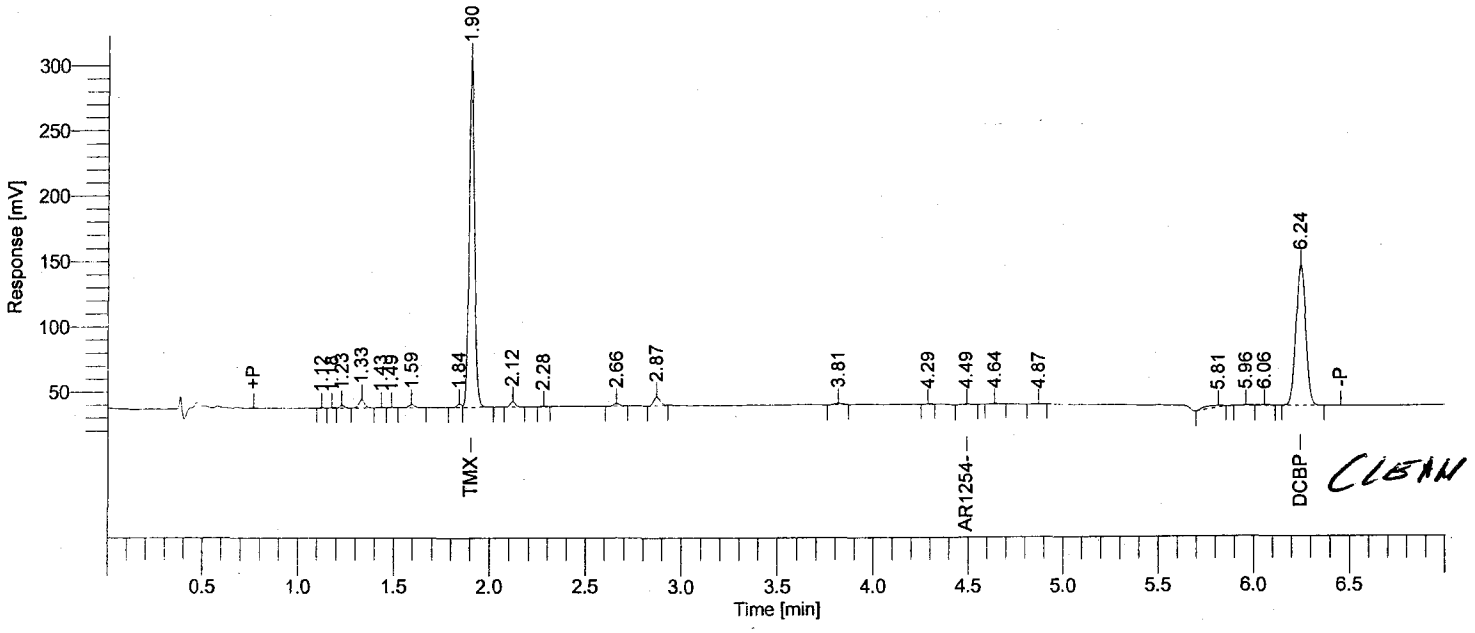
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
2.26	VE	203038	AR1016-A	0.5365	3.7845e+05	4.0608e+05	7.3	2.19 - 2.33
2.55	VV	354525	AR1016-B	0.5371	6.6002e+05	7.0905e+05	7.4	2.48 - 2.62
2.66	VV	156736	AR1016-C	0.5327	2.9424e+05	3.1347e+05	6.5	2.59 - 2.73
		714299		1.6063		1.4286e+06		

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
4.70	VV	359548	AR1260-A	0.5273	6.8187e+05	7.1910e+05	5.5	4.63 - 4.77
5.00	VV	331874	AR1260-B	0.5203	6.3780e+05	6.6375e+05	4.1	4.93 - 5.07
5.37	VB	97284	AR1260-C	0.5047	1.9277e+05	1.9457e+05	0.9	5.30 - 5.44
		788706		1.5523		1.5774e+06		

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:17:31
Reprocess Number	: buf2042: 85640		
Operator	: tchrom	Sample Name	: ICM3IN
Sample Number	: 0.03	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 02:22:09	Cycle	: 24

Raw Data File : H:\TURBO6\5890-19\19A39185.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39185.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39185.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39185.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(11-30-05).mth from H:\TURBO6\5890-19\19A39185.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq

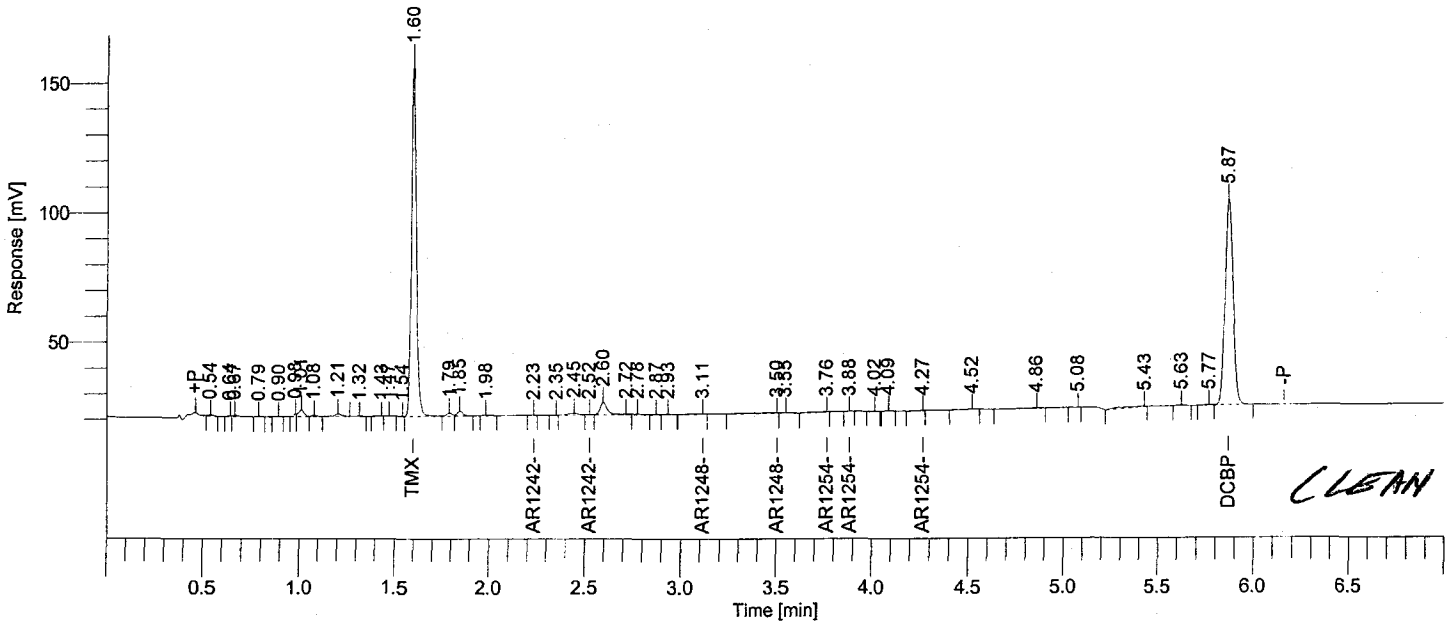


Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
9	1.90	VB	510592	TMX	0.0284	-------	0
22	6.24	VB	384629	DCBP	0.0323	-------	0
			895221			0.0000	

12/14/05

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:17:34
Reprocess Number	: buf2042: 85641		
Operator	: tchrom	Sample Name	: ICM3IN
Sample Number	: 0.03	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 02:22:09	Cycle	: 24

Raw Data File : H:\TURBO6\5890-19\19B39185.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39185.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39185.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39185.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(11-30-05).mth from H:\TURBO6\5890-19\19B39185.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq

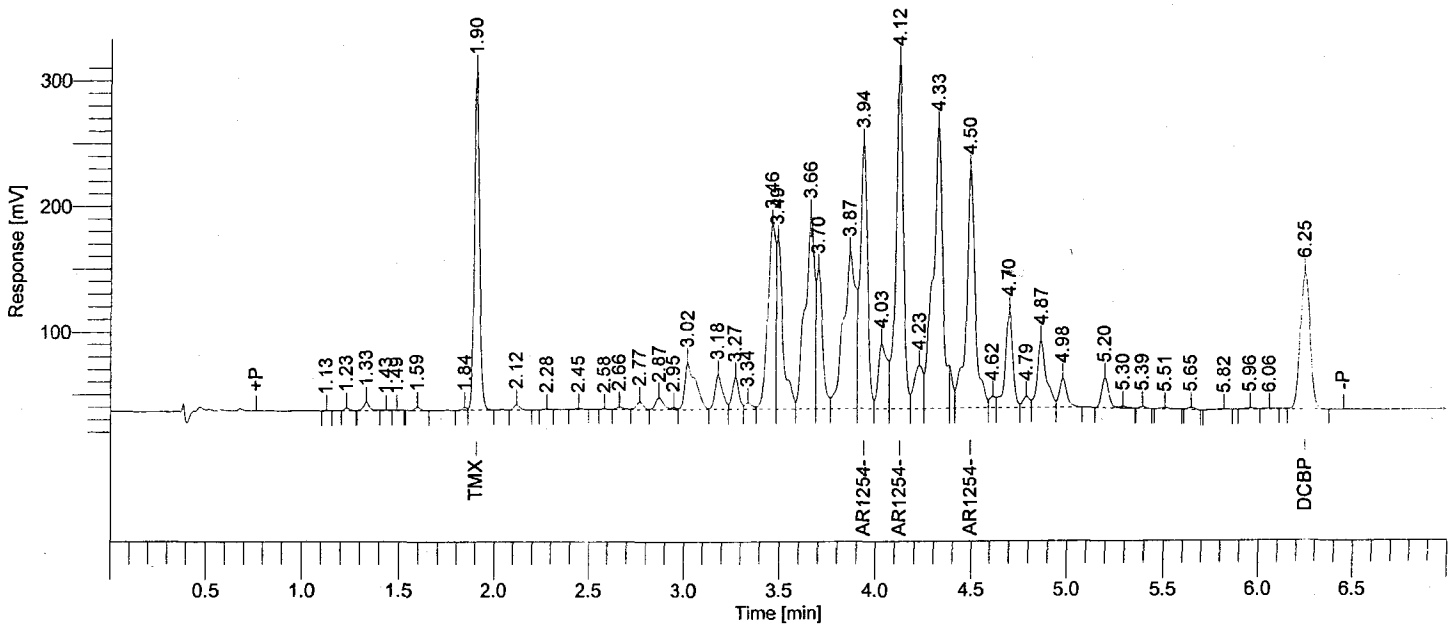


Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
14	1.60	VV	254159	TMX	0.0313	-------	0
	3.50		5495	AR1248	0.0050	0.0017	3
41	5.87	VB	231723	DCBP	0.0314	-------	0
			491377			0.0017	

12/14/05

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:18:11
Reprocess Number	: buf2042: 85656		
Operator	: tchrom	Sample Name	: ICM54UA
Sample Number	: 0.5	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 04:46:37	Cycle	: 32

Raw Data File : H:\TURBO6\5890-19\19A39193.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39193.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39193.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39193.rst
Calib Method : h:\turbo6\5890-19\sa54(11-30-05).mth from H:\TURBO6\5890-19\19A39193.rst
Report Format File: h:\turbo6\5890-19\s%d.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Ref Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative -	RT Window
1.90	VB	515956	TMX	0.0288	1.7939e+07	1.0319e+06	-4.1	1.83 -	1.97
4.12		1958635	AR1254	0.5761	3.3997e+06	3.9173e+06	15.2	4.05 -	4.19
6.25	VB	388326	DCBP	0.0327	1.1866e+07	7.7665e+05	9.1	6.18 -	6.32
		2862917		0.6376		5.7258e+06			

12/14/05

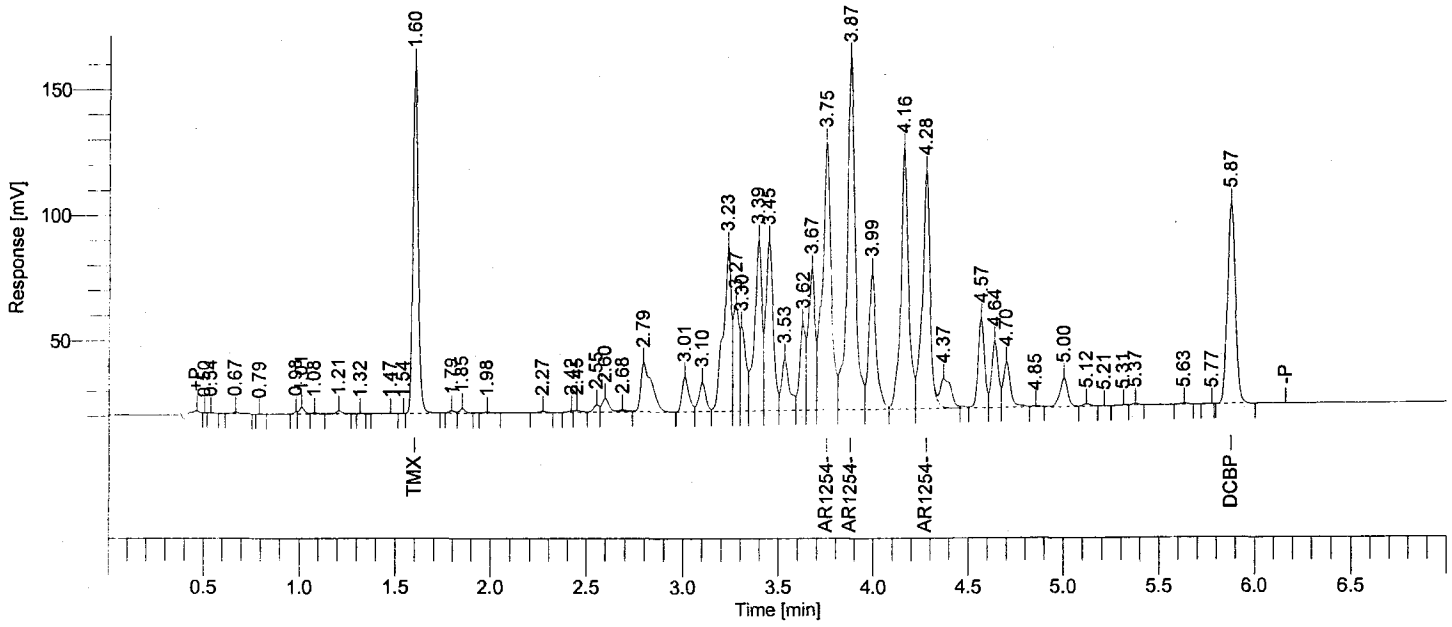
12/14/2005 07:18:11 Result: H:\TURBO6\5890-19\19A39193.rst

Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
3.94	VV	567517	AR1254-A	0.4966	1.1429e+06	1.1350e+06	-0.7	3.87 - 4.01
4.12	VV	749692	AR1254-B	0.6794	1.1034e+06	1.4994e+06	35.9	4.05 - 4.19
4.50	VV	641427	AR1254-C	0.5561	1.1535e+06	1.2829e+06	11.2	4.43 - 4.57
		1958635		1.7321		3.9173e+06		

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:18:13
Reprocess Number	: buf2042: 85657		
Operator	: tchrom	Sample Name	: ICM54UA
Sample Number	: 0.5	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 04:46:37	Cycle	: 32

Raw Data File : H:\TURBO6\5890-19\19B39193.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39193.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39193.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39193.rst
Calib Method : h:\turbo6\5890-19\sb54(11-30-05).mth from H:\TURBO6\5890-19\19B39193.rst
Report Format File: h:\turbo6\5890-19\s%d.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
1.60	VV	257218	TMX	0.0317	8.1059e+06	5.1444e+06	5.8	1.53 - 1.67
3.87		1043232	AR1254	0.5556	1.8776e+06	2.0865e+06	11.1	3.80 - 3.94
5.87	VB	232654	DCBP	0.0315	7.3796e+06	4.6531e+05	5.1	5.80 - 5.94
		1533104		0.6189		3.0662e+06		

12/14/05
CRD

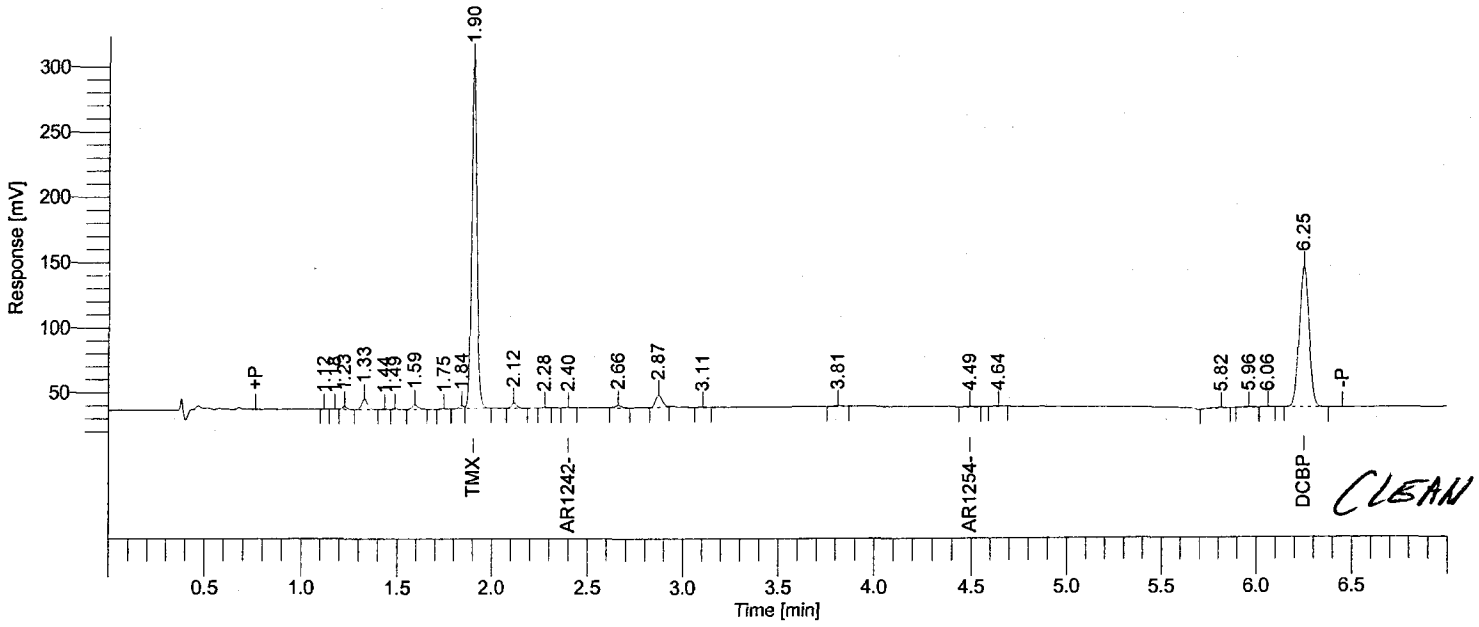
12/14/2005 07:18:13 Result: H:\TURBO6\5890-19\19B39193.rst

Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
3.75	VV	342957	AR1254-A	0.4972	6.8984e+05	6.8591e+05	-0.6	3.68 - 3.82
3.87	VV	424614	AR1254-B	0.6566	6.4673e+05	8.4923e+05	31.3	3.80 - 3.94
4.28	VE	275661	AR1254-C	0.5095	5.4104e+05	5.5132e+05	1.9	4.21 - 4.35
		1043232		1.6632		2.0865e+06		

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:18:14
Reprocess Number	: buf2042: 85658		
Operator	: tchrom	Sample Name	: ICM3IN
Sample Number	: 0.03	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 05:04:42	Cycle	: 33

Raw Data File : H:\TURBO6\5890-19\19A39194.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39194.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39194.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39194.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(11-30-05).mth from H:\TURBO6\5890-19\19A39194.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq

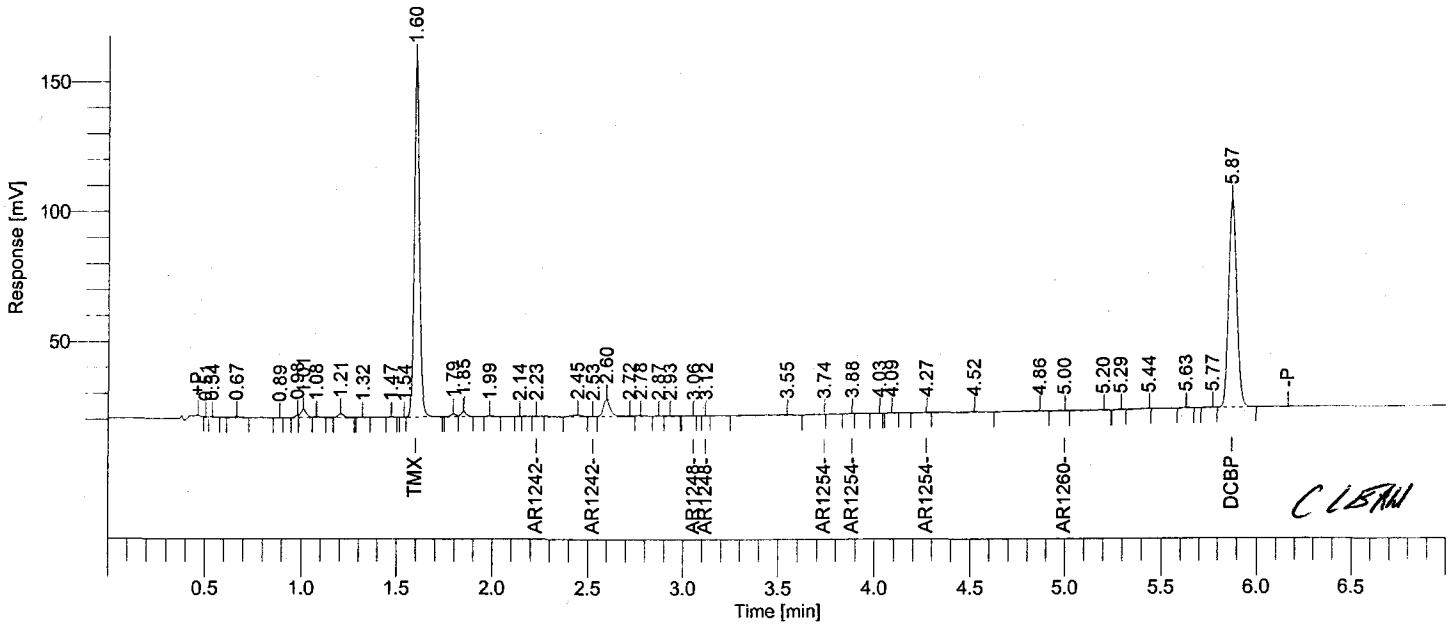


Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
10	1.90	VB	512431	TMX	0.0285	-------	0
23	6.25	BB	384925	DCBP	0.0324	-------	0
			897357			0.0000	

12/14/05

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:18:16
Reprocess Number	: buf2042: 85659		
Operator	: tchrom	Sample Name	: ICM3IN
Sample Number	: 0.03	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/14/2005 05:04:42	Cycle	: 33

Raw Data File : H:\TURBO6\5890-19\19B39194.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39194.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39194.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39194.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(11-30-05).mth from H:\TURBO6\5890-19\19B39194.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc	AVG NG CONC (5pts)	# PEAKS USED
12	1.60	VV	254840	TMX	0.0314	-------	0
41	5.87	VB	233179	DCBP	0.0316	-------	0
			488020			0.0000	

12/14/05

Raw QC Data

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

205/483

Client No.

Method Blank

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5B1914302

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 19B39169.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: _____ _____

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 12/09/2005

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/13/2005

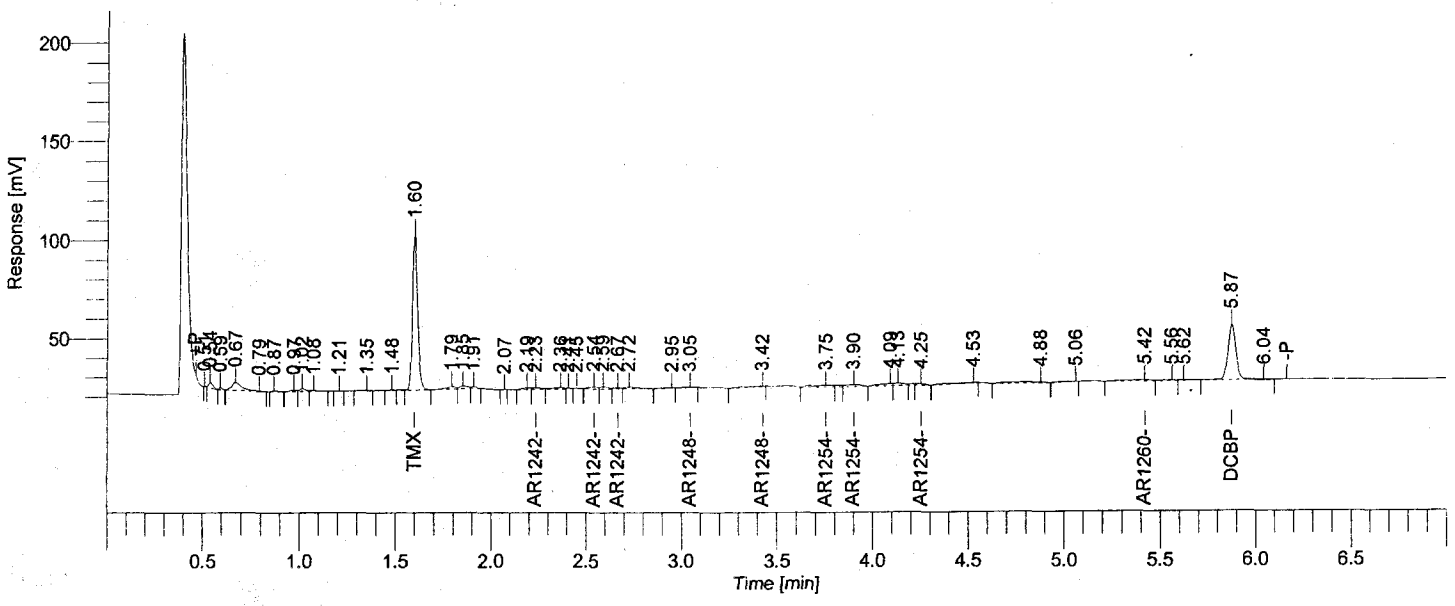
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.50	U
11104-28-2	Aroclor 1221	0.50	U
11141-16-5	Aroclor 1232	0.50	U
53469-21-9	Aroclor 1242	0.50	U
12672-29-6	Aroclor 1248	0.50	U
11097-69-1	Aroclor 1254	0.50	U
11096-82-5	Aroclor 1260	0.50	U

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:15:26
Reprocess Number	: buf2042: 85609		
Operator	: tchrom	Sample Name	: AW50029472-MBLK
Sample Number	: A5B1914302	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/13/2005 21:34:09	Cycle	: 8

Raw Data File : H:\TURBO6\5890-19\19B39169.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39169.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39169.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39169.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(11-30-05).mth from H:\TURBO6\5890-19\19B39169.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
13	1.60	VB	146099	TMX	0.0165	-------	0
	2.54		9008	AR~~1242~~	0.0078	0.0026	3
	3.90		15601	AR~~1254~~	0.0083	0.0028	3
	5.42		5829	~~AR1260~~	-0.0227	-8e-03	3
41	5.87	VE	82746	DCBP	0.0084	-------	0
			259284			-2e-03	

12/14/05

12/14/2005 07:15:26 Result: H:\TURBO6\5890-19\19B39169.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
19	2.23	VV	2976	AR1242-A	0.0090	0.0030	3
23	2.54	VV	4006	AR1242-B	0.0070	0.0023	3
25	2.67	VV	2026	AR1242-C	0.0080	0.0027	3
			9008			0.0080	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
28	3.05	VB	739	AR1248-A	0.0018	6.0e-04	3
-	3.10		0	AR1248-B	0.0000	-------	-
29	3.42	BB	2761	AR1248-C	0.0079	0.0026	3
			3501			0.0032	

12/14/05

Group Report For : AR1254

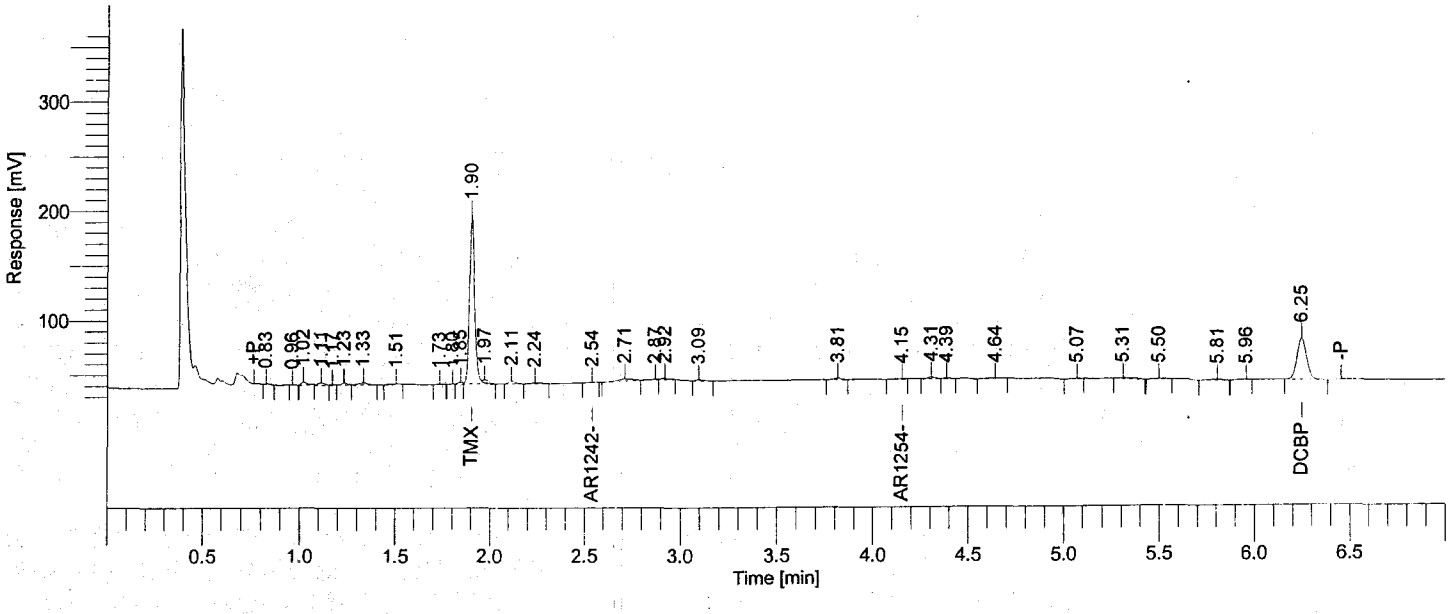
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
30	3.75	BV	7348	AR1254-A	0.0107	0.0036	3
31	3.90	VB	5542	AR1254-B	0.0086	0.0029	3
34	4.25	VB	2711	AR1254-C	0.0050	0.0017	3
			15601			0.0081	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.70		0	AR1260-A	0.0000	-------	-
-	5.01		0	AR1260-B	0.0000	-------	-
38	5.42	BV	5829	AR1260-C	0.0124	0.0041	3
			5829			0.0041	

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:15:21
Reprocess Number	: buf2042: 85608		
Operator	: tchrom	Sample Name	: AW50029472-MBLK
Sample Number	: A5B1914302	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/13/2005 21:34:09	Cycle	: 8

Raw Data File : H:\TURBO6\5890-19\19A39169.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39169.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39169.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39169.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(11-30-05).mth from H:\TURBO6\5890-19\19A39169.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
12	1.90	VE	295148	TMX	0.0153	------	0
31	6.25	BB	133718	DCBP	0.0084	------	0
			428866			0.0000	

12/14/05

12/14/2005 07:15:21 Result: H:\TURBO6\5890-19\19A39169.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.45		0	AR1242-A	0.0000	-------	-
16	2.54	BB	628	AR1242-B	0.0015	5.0e-04	3
-	2.77		0	AR1242-C	0.0000	-------	-
			628			5.0e-04	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.18		0	AR1248-A	0.0000	-------	-
-	3.27		0	AR1248-B	0.0000	-------	-
-	3.34		0	AR1248-C	0.0000	-------	-
			0			0.0000	

12/14/05

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.94		0	AR1254-A	0.0000	-------	-
22	4.15	BB	1140	AR1254-B	0.0010	3.4e-04	3
-	4.50		0	AR1254-C	0.0000	-------	-
			1140			3.4e-04	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.98		0	AR1260-A	0.0000	-------	-
-	5.20		0	AR1260-B	0.0000	-------	-
-	5.65		0	AR1260-C	0.0000	-------	-
			0			0.0000	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

210/483

Client No.

Matrix Spike Blank

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5B1914301

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 19B39168.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: _____ _____

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 12/09/2005

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/13/2005

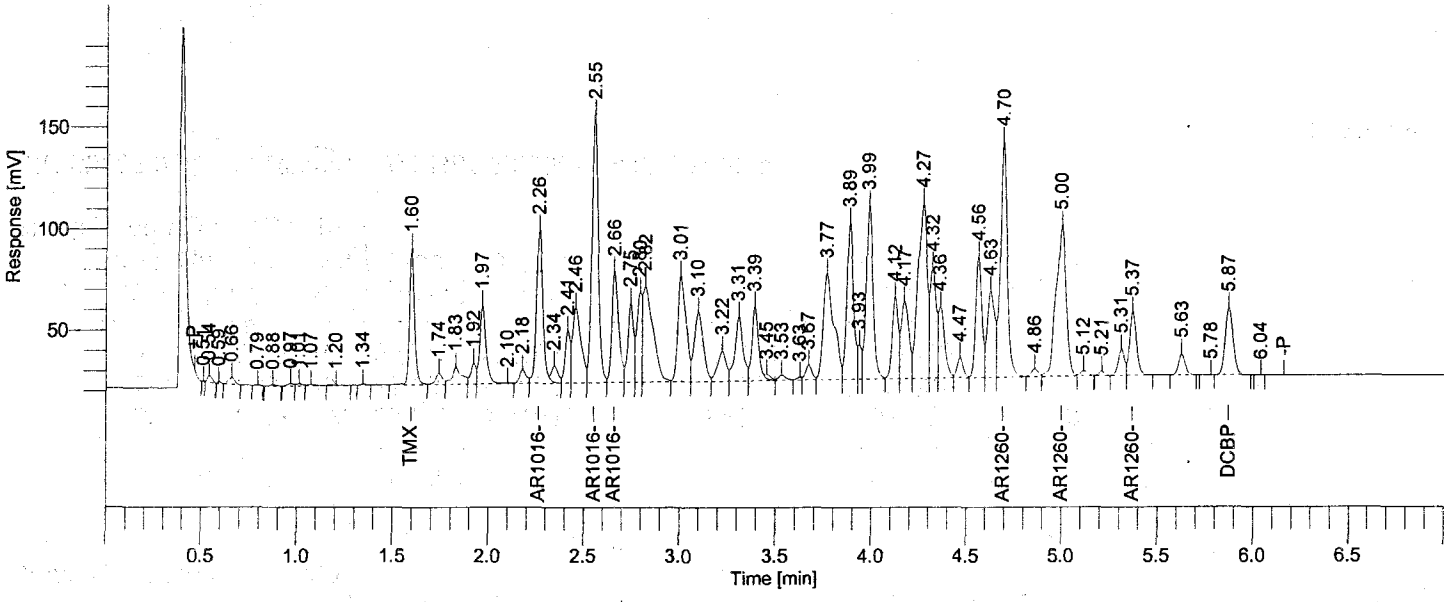
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	4.6	
11104-28-2	Aroclor 1221	0.50	U
11141-16-5	Aroclor 1232	0.50	U
53469-21-9	Aroclor 1242	0.50	U
12672-29-6	Aroclor 1248	0.50	U
11097-69-1	Aroclor 1254	0.50	U
11096-82-5	Aroclor 1260	4.1	

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:15:16
Reprocess Number	: buf2042: 85607		
Operator	: tchrom	Sample Name	: AW50029471-MSB
Sample Number	: A5B1914301	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/13/2005 21:16:11	Cycle	: 7

Raw Data File : H:\TURBO6\5890-19\19B39168.raw <Modified>
Result File : H:\TURBO6\5890-19\19B39168.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B39168.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B39168.rst
Calib Method : h:\turbo6\5890-19\sb66(11-30-05).mth from H:\TURBO6\5890-19\19B39168.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
12	1.60	VV	126435	TMX	0.0139	-------	0
	2.55		629332	AR1016	0.4653	0.1551	3
	4.70		645421	AR1260	0.4178	0.1393	3
58	5.87	VB	93807	DCBP	0.0100	-------	0
			1494995			0.2944	

12/14/05

12/14/2005 07:15:16 Result: H:\TURBO6\5890-19\19B39168.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
19	2.26	VE	178205	AR1016-A	0.4634	0.1545	3
23	2.55	VV	311734	AR1016-B	0.4651	0.1550	3
24	2.66	VV	139393	AR1016-C	0.4682	0.1561	3
			629332			0.4655	

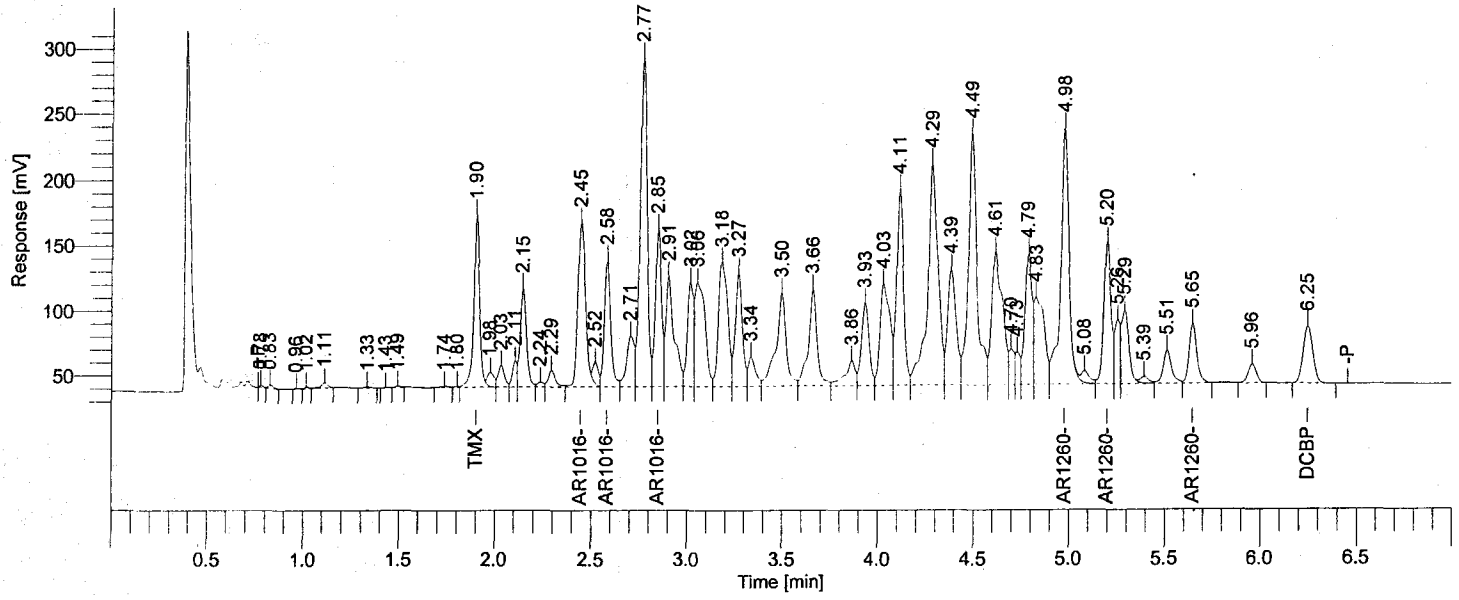
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
49	4.70	VV	298281	AR1260-A	0.4289	0.1430	3
51	5.00	VV	270087	AR1260-B	0.4140	0.1380	3
55	5.37	VB	77053	AR1260-C	0.3913	0.1304	3
			645421			0.4114	

12/14/05 AD

Software Version	: 6.2.1.0.104:0104	Date	: 12/14/2005 07:15:11
Reprocess Number	: buf2042: 85606		
Operator	: tchrom	Sample Name	: AW50029471-MSB
Sample Number	: A5B1914301	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/13/2005 21:16:11	Cycle	: 7

Raw Data File : H:\TURBO6\5890-19\19A39168.raw <Modified>
Result File : H:\TURBO6\5890-19\19A39168.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A39168.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A39168.rst
Calib Method : h:\turbo6\5890-19\sa66(11-30-05).mth from H:\TURBO6\5890-19\19A39168.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D39.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
11	1.90	VE	281117	TMX	0.0144	-------	0
	2.45		860856	AR1016	0.4556	0.1519	3
	4.98		1014805	AR1260	0.4527	0.1509	3
53	6.25	BB	153869	DCBP	0.0102	-------	0
			2310646			0.3028	

12/14/05

12/14/2005 07:15:11 Result: H:\TURBO6\5890-19\19A39168.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
18	2.45	VE	358777	AR1016-A	0.4441	0.1480	3
20	2.58	VV	227521	AR1016-B	0.4611	0.1537	3
23	2.85	VV	274558	AR1016-C	0.4664	0.1555	3
			860856			0.4572	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
44	4.98	VE	595479	AR1260-A	0.4508	0.1503	3
46	5.20	VV	289711	AR1260-B	0.4460	0.1487	3
51	5.65	VB	129614	AR1260-C	0.4785	0.1595	3
			1014805			0.4584	

12/14/05

:L Buffalo
ıte: 12/29/2005
.me: 11:43:50

Organic Prep Log Book
(3510C) 8082 PCB WATERS
A5B19143 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 1000.00 ul

Date Ext/Initials: 12/09/2005 EKD

Date Cleanup/Initials: 12/09/2005 EKD

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: 12/09/2005 EKD

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	Protoc	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
,5B19143	A5B1914301	Z	MSB	AW50029471	PCBS	SW8463	8082	A00035	A00222		5.00	1000.0000	10.00
,5B19143	A5B1914302	Z	MBLK	AW50029472	PCBS	SW8463	8082	A00035			5.00	1000.0000	10.00
,05-D983	A5D98301	A	FS	AW50029473	PCBS	SW8463	8082	A00035			6.00	1015.0000	10.00
,05-D983	A5D98302	A	FS	AW50029474	PCBS	SW8463	8082	A00035			6.00	1050.0000	10.00
,05-D983	A5D98303	A	FS	AW50029475	PCBS	SW8463	8082	A00035			6.00	1050.0000	10.00
,05-D983	A5D98304	A	FS	AW50029476	PCBS	SW8463	8082	A00035			6.00	1045.0000	10.00
,05-D983	A5D98305	A	FS	AW50029477	PCBS	SW8463	8082	A00035			6.00	1050.0000	10.00
,05-D983	A5D98306	A	FS	AW50029478	PCBS	SW8463	8082	A00035			6.00	1050.0000	10.00
,05-D983	A5D98307	M	FS	AW50029479	PCBS	SW8463	8082	A00035			6.00	1000.0000	10.00
,05-D983	A5D98307MS	M	MS	AW50029480	PCBS	SW8463	8082	A00035	A00222		6.00	1050.0000	10.00
,05-D983	A5D98307SD	M	SD	AW50029481	PCBS	SW8463	8082	A00035	A00222		6.00	1050.0000	10.00
,05-D983	A5D98308	A	FS	AW50029482	PCBS	SW8463	8082	A00035			6.00	995.0000	10.00
,05-D983	A5D98309	A	FS	AW50029483	PCBS	SW8463	8082	A00035			6.00	1020.0000	10.00
,05-D983	A5D98310	A	FS	AW50029484	PCBS	SW8463	8082	A00035			6.00	1040.0000	10.00
,05-D983	A5D98311	A	FS	AW50029485	PCBS	SW8463	8082	A00035			6.00	1050.0000	10.00
,05-D984	A5D98401	A	FS	AW50029486	PCBS	SW8463	8082	A00035			6.00	1060.0000	10.00

TL Buffalo
ate: 12/29/2005
ime: 11:43:50

Organic Prep Log Book
(3510C) 8082 PCB WATERS
A5B19143 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 1000.00 ul

Date Ext/Initials: 12/09/2005 EKD

Date Cleanup/Initials: 12/09/2005 EKD

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: 12/09/2005 EKD

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	Protoc	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
05-D985	A5D98501	A	FS	AW50029487	PCBS	SW8463	8082	A00035			6.00	990.0000	10.00
05-D985	A5D98502	A	FS	AW50029488	PCBS	SW8463	8082	A00035			6.00	1035.0000	10.00
05-D985	A5D98503	A	FS	AW50029489	PCBS	SW8463	8082	A00035			6.00	1025.0000	10.00
05-D985	A5D98504	A	FS	AW50029490	PCBS	SW8463	8082	A00035			6.00	1060.0000	10.00
05-D985	A5D98505	A	FS	AW50029491	PCBS	SW8463	8082	A00035			6.00	1040.0000	10.00

Comments:

TL Buffalo
ate: 12/09/2005
ime: 13:52:45

Organic Prep Log Book
(3510C) 8082 PCB WATERS
A5B19143

Rept: AN0501

SURROGATE A35
Expiration Date: 6-7-06
Prepared by: Em
Spiked by: EKD
Witnessed by:
1000.00 ul

MATRIX SPIKE A202
Expiration Date: 6-9-05
Prepared by: EKD
Spiked by: EKD
Witnessed by:
1000.00 ul

MeCl2: B43E85
Acetone:
Hexane: B39E15
Na2So4: B23G45
1:1 H2SO4: 45101
10 N NaOH:

Date Ext/Initials: 12-09-05 EKD
Date Cleanup/Initials: 12-09-05 EKD
Extraction Type: (SEPE) or CLLE (circle one) AQUEOUS EXTRACTIONS
Date Conc/Initials: 12-09-05 EKD

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	Protoc	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A5B19143	A5B1914301		MSB	AW50029471	PCBS	SW8463	8082	A00035	A00222	Clear	5	1000	10.0
A5B19143	A5B1914302		MBLK	AW50029472	PCBS	SW8463	8082	A00035		↓	↓	↓	
A05-D983	A5D98301	A	FS	AW50029473	PCBS	SW8463	8082	A00035		Brown	6	1015	
A05-D983	A5D98302		FS	AW50029474	PCBS	SW8463	8082	A00035				1050	
A05-D983	A5D98303		FS	AW50029475	PCBS	SW8463	8082	A00035				↓	
A05-D983	A5D98304		FS	AW50029476	PCBS	SW8463	8082	A00035				1045	
A05-D983	A5D98305		FS	AW50029477	PCBS	SW8463	8082	A00035				1050	
A05-D983	A5D98306		FS	AW50029478	PCBS	SW8463	8082	A00035				1060	
A05-D983	A5D98307		FS	AW50029479	PCBS	SW8463	8082	A00035				1000	
A05-D983	A5D98307MS		MS	AW50029480	PCBS	SW8463	8082	A00035	A00222			1050	
A05-D983	A5D98307SD		SD	AW50029481	PCBS	SW8463	8082	A00035	A00222			↓	
A05-D983	A5D98308		FS	AW50029482	PCBS	SW8463	8082	A00035				995	
A05-D983	A5D98309		FS	AW50029483	PCBS	SW8463	8082	A00035				1020	
A05-D983	A5D98310		FS	AW50029484	PCBS	SW8463	8082	A00035				1040	
A05-D983	A5D98311		FS	AW50029485	PCBS	SW8463	8082	A00035		Gray		1050	
A05-D984	A5D98401	↓	FS	AW50029486	PCBS	SW8463	8082	A00035		Brown	↓	1060	↓

Organic Prep Log Book
(3510C) 8082 PCB WATERS
A5B19143

SURROGATE
Expiration Date: _____
Prepared by: _____
Spiked by: _____
Witnessed by: _____
0.00 ul

MATRIX SPIKE
Expiration Date: _____
Prepared by: _____
Spiked by: _____
Witnessed by: _____
0.00 ul

MeCl2: _____
Acetone: _____
Hexane: _____
Na2So4: _____
1:1 H2SO4: _____
10 N NaOH: _____

Date Ext/Initials: _____ _____

Date Cleanup/Initials: _____ _____

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: _____ _____

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	Protoc	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
\05-D985	A5D98501	A	FS	AW50029487	PCBS	SW8463	8082	A00035		Brown	6	990	10.0
\05-D985	A5D98502		FS	AW50029488	PCBS	SW8463	8082	A00035				1035	
\05-D985	A5D98503		FS	AW50029489	PCBS	SW8463	8082	A00035				1025	
\05-D985	A5D98504		FS	AW50029490	PCBS	SW8463	8082	A00035		Tan		1060	
\05-D985	A5D98505		FS	AW50029491	PCBS	SW8463	8082	A00035				1040	

Comments: Gas flow checked. SKD 12-09-05

Relined 12-12-05 ar

GC INJECTION LOG BOOK

000074

INSTRUMENT ID HP5890-19 COLUMN ID'S A ~~ZB5~~ B ZB-35 SEQUENCE 37/38

SYRINGE LOT # SOLVENT LOT #

DATE & INIT.	JOB #	A VIAL ID	DF	B VIAL ID	DF	FILE ID A	FILE ID B	GC ~~METHOD~~	PROCESS Y/N	COMMENTS
DW	IBW	ICM3IJ 0403				160				A CLEAN B CLEAN
11/29/05	D258	AW5-8726								RESHOOT CUT
	↓	8727				162				
		~~ICM6LMK05~~								
		~~3IJ 0403~~ DW 11/29/05								
	QC	A55-1734 MBB				163				
	↓	1735 MBB								
	↓	1736 MBBC				165				
	D442	↓ 1737								
	CCU	ICM6LMK05								A ↑ B ↑
	IBW	↓ 3IJ 0403								A CLEAN B CLEAN
11/30/05	CCU	ICM6LMK 0.5								A 10LOK,12OST, DCBP B 10LOK,12OST, DCBP
	IDLK	ICM3IJ 0.3				191				A CLEAN B CLEAN
	D258	AW5602 8725								RESHOOT CUT
		8726								1
	CCU	ICM5YTC 05								A OK B 10SHT, SURR OK
	IDLK	ICM3IJ 0.3				194				A CLEAN B CLEAN
12/1/05		PRIMER				C1-2				NEW SEQUENCE 38
	ICAL	ICM21RA 0.5				26		DX0.1AB		
	ACM	ACM21DA 0.4								
	ICAL	ICM32GA 0.5								
	ACM	ACM32BB 0.4								
	ICAL	ICM42SA 0.5				30				
	ACM	ACM42OA 0.4								
	ICAL	ICM48RA 0.5								
	ACM	ACM48MA 0.4								

ICAL | ICM54 TC | CK | 34 | V

GC INJECTION LOG BOOK

INSTRUMENT ID HP5892-19 COLUMN ID'S A ZB-5 B ZB-35 SEQUENCE 35

SYRINGE LOT # SOLVENT LOT #

DATE & INIT.	JOB #	A VIAL ID	A DF	B VIAL ID	B DF	FILE ID A	FILE ID B	GC METHOD	PROCESS Y/N	COMMENTS
11/30/95	ICM	ICM54/RL	0.6			35		TVOA/J/9		
	ICAL	ICM66 MJ	2.5							
		MD	1.0							
		MK	0.5							
		ML	0.25							
		MK	0.1			40				
		MG	0.05							
		ML	0.025							
	ICM	ICM66BB	0.6					TVOB		
	CCV	ICM66 MK	0.5							A OK B OK
	CCV	ICM54 TC	0.5			45				A OK, TMX✓ B OK
	CCV	ICM48 RA	0.5							A OK B OK
	CCV	ICM42 SK	0.5							A OK B OK
	CCV	ICM32 GA	0.5							A OK B OK
	CCV	ICM21 RA	0.5							A OK B OK
	IBLK	ICM3 JS	0.3			50				A CLEAN B CLEAN
	CC	AS5002/412	MSB							
		2/413	MSBD							
		2/414	MBLK							
	CSS9	2/415								
		2/416				55				
	CCV	~~ICM66MK~~	~~0.5~~							
	IBLK	~~ICM3 JS~~	~~0.3~~							
	CSS9	2/415	V2			56				
		2/416	V2							
	CCV	ICM66MK	0.5							A OK B OK
	IBLK	ICM3 IS	0.3			55				A CLEAN B CLEAN

SEVERN TRENT LABORATORIES, INC. – BUFFALO

0000075

REVIEWED BY

220/483

GC INJECTION LOG BOOK

000088

INSTRUMENT ID AD5890-19 COLUMN ID'S A ZB-5 B ZB-35 SEQUENCE 39

SYRINGE LOT # SOLVENT LOT #

DATE & INIT.	JOB #	A VIAL ID	A DF	B VIAL ID	B DF	FILE ID A	FILE ID B	GC METHOD	PROCESS Y/N	COMMENTS
12/13	DS44	AW500 25417				157				
	DS54	25418								
		25419	MS							
	CCV	ICM66MN	C.5			160				A ok B ok
	IBLK	ICM3IN	C.03							A clean B clean
	DS56	AW500 25420	SD							
		25421								
		25422								
		25423				165				
		25424								
		25425						(NOB)		
	GC	25471	MSD							
		25472	MBLK							
	DS53	25473				170				
		25474								
	CCV	ICM5464A	C.5							A OK B OK
	IBLK	ICM3IN	C.03							A CLEAN B CLEAN
	DS83	AW500 25475								
		25476				175				
		25477								
		25478								
		25479								
		25480	MS							
		25481	SD			180				
		25482								
		25483								
		25484				183				

GC INJECTION LOG BOOK

INSTRUMENT ID HP5890-19 COLUMN ID'S A ZB-5 B ZB-35 SEQUENCE 39/40

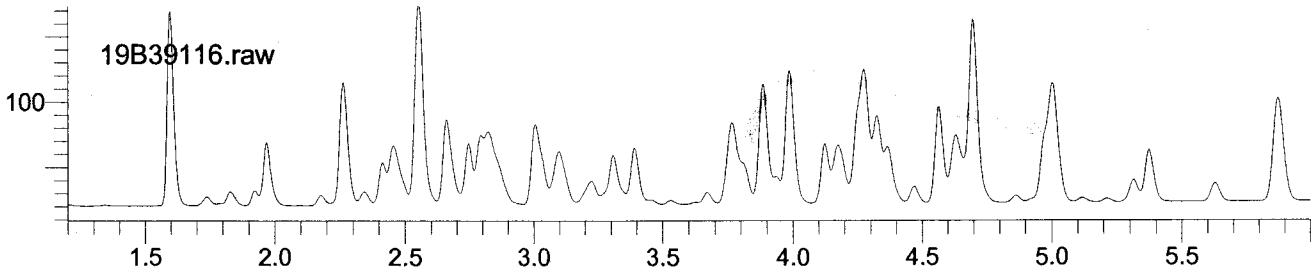
SYRINGE LOT # SOLVENT LOT #

DATE & INIT.	JOB #	A VIAL ID	A DF	B VIAL ID	B DF	FILE ID A	FILE ID B	GC METHOD	PROCESS Y / N	COMMENTS
12/3/95 EAS	CCV	ICM66MN	0.5			184				A OK B OK
	IBLK	ICM3IN	0.03			185				A CLEAN B CLEAN
	DS83	AW500 25485								
	DS84	25486								
	DS85	25487								
		25488								
		25489				190				
		25490								
		25491								
	CCV	ICM544A	0.5							A 1254↑, SURR OK B OK
	IBLK	ICM3IN	0.03							A CLEAN B CLEAN
12/4/95 EAS	—	PRIMR				01			—	NEW SEQUENCE 40
	—								—	
	—								—	
	CCV	ICM66MN	0.5							
	CCV	ICM544A	0.5			05				
	IBLK	ICM3IN	0.03							

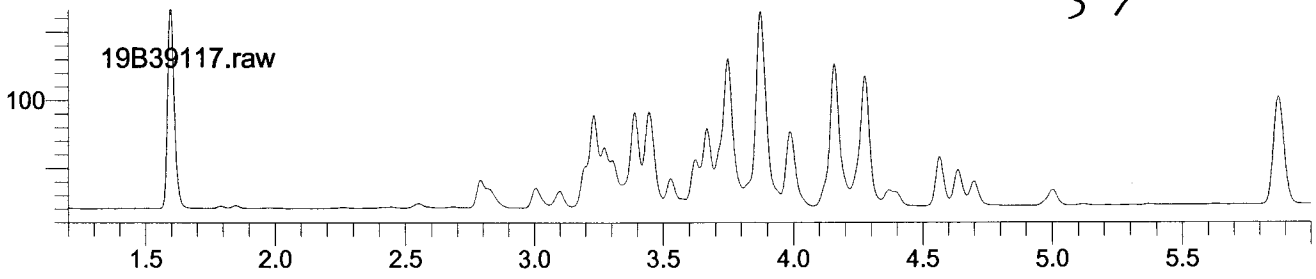
222/483

1014

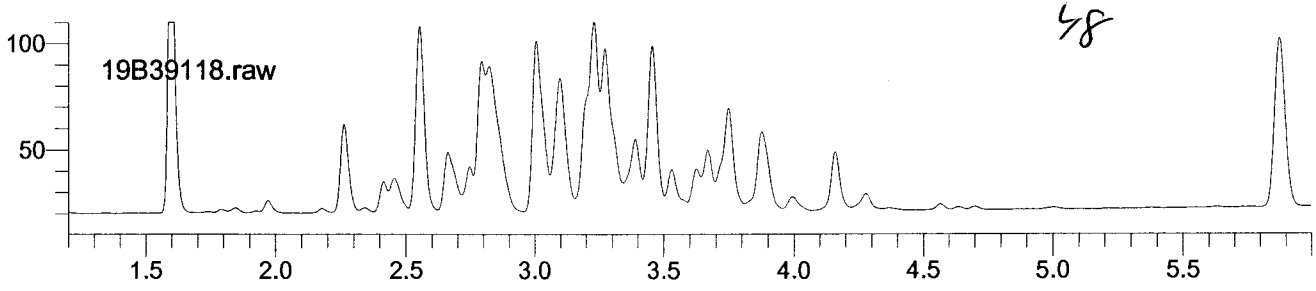
1250



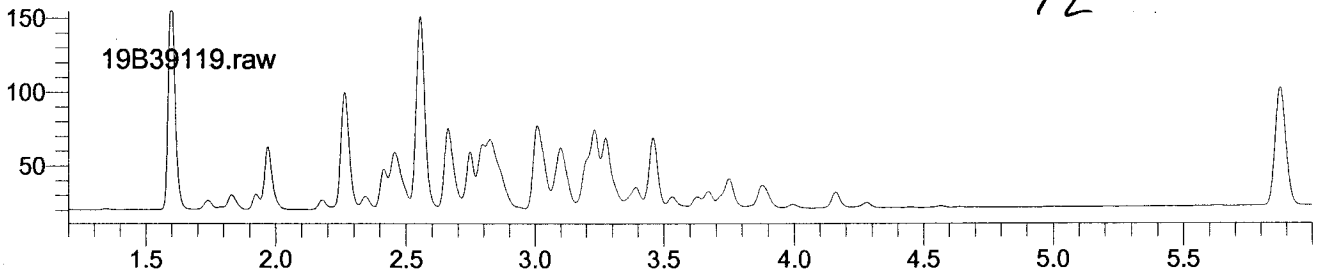
54



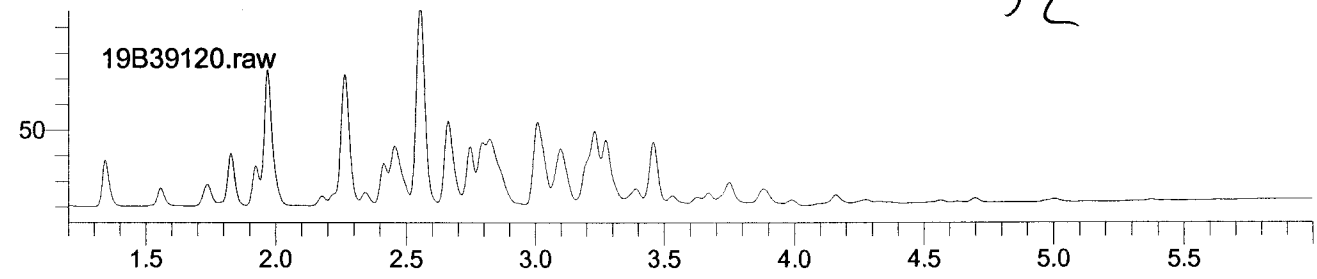
48



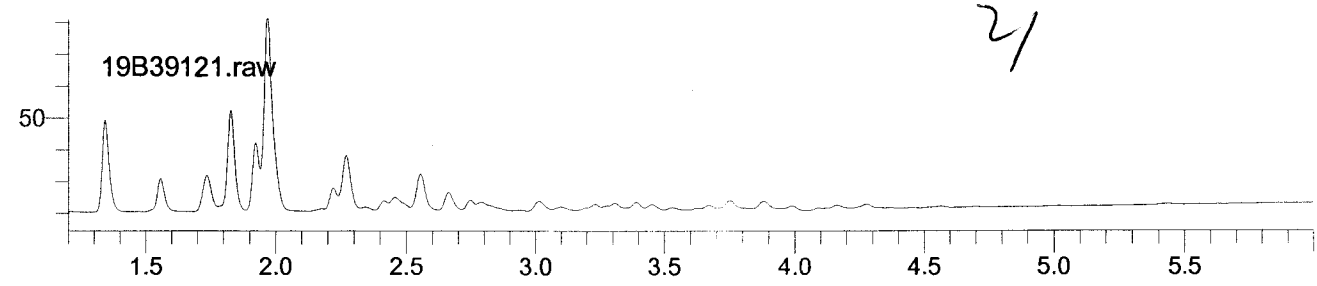
42

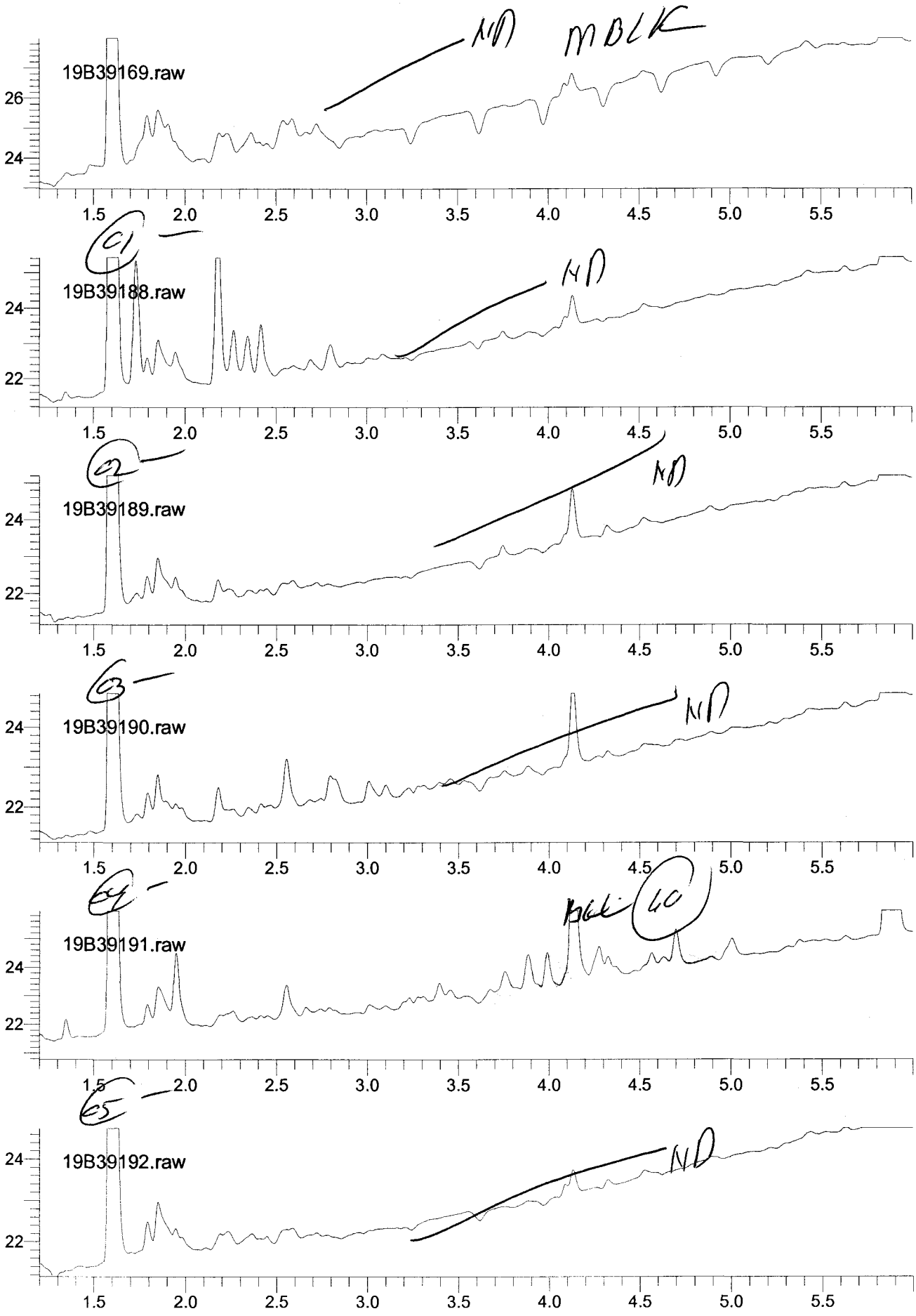


32



21




19B39169.raw
ND
MBLK
C1
19B39188.raw
ND
C2
19B39189.raw
ND
C3
19B39190.raw
ND
C4
19B39191.raw
BLK
LCO
C5
19B39192.raw
ND
1.5
2.0
2.5
3.0
3.5
4.0
4.5
5.0
5.5

Metals Data

STL BUFFALO

Ecology & Environment, Inc.

COVER PAGE - INORGANIC ANALYSIS DATA PACKAGE

Contract: NY04-571 SDG No.: A05-D985

Lab Code: STLBFLO Case No.: SAS No.:

SOW No.:

Sample ID.	Lab Sample No.
NM-MW02-W-0-1205	A5D98501
NM-MW03-W-0-1205	A5D98502
NM-MW04-W-0-1205	A5D98503
NM-MW04-W-0-1205\MS	A5D98503MS
NM-MW04-W-0-1205\SD	A5D98503SD
NM-MW05-W-0-1205	A5D98504
NM-MW06-W-0-1205	A5D98505

Were ICP interelement corrections applied? Yes/No YES

Were ICP background corrections applied? Yes/No YES

If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Tony Bogolin Name: Tony Bogolin

Date: 12/30/05 Title: Project Manager

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW02-W-0-1205

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A05-D985

Matrix (soil/water): WATER Lab Sample ID: AD570885

Level (low/med): LOW Date Received: 12/8/2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	483			P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	70.8			P
7440-41-7	Beryllium	0.45			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	103000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	5.8			P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	73100			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	22800			P
7439-96-5	Manganese	2270			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	2560			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	16100			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	20.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW03-W-0-1205

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A05-D985

Matrix (soil/water): WATER Lab Sample ID: AD570886

Level (low/med): LOW Date Received: 12/8/2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	11.4			P
7440-41-7	Beryllium	0.33			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	72300			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	6.3			P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	80200			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	18600			P
7439-96-5	Manganese	2190			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	500	U		P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	12400			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	20.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW04-W-0-1205

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A05-D985

Matrix (soil/water): WATER Lab Sample ID: AD570887

Level (low/med): LOW Date Received: 12/8/2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	509			P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	19.6			P
7440-39-3	Barium	115			P
7440-41-7	Beryllium	0.39			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	59500			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	7.8			P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	136000			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	12000			P
7439-96-5	Manganese	2430			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	2030			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	5980			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	20.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW05-W-0-1205

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A05-D985

Matrix (soil/water): WATER Lab Sample ID: AD570890

Level (low/med): LOW Date Received: 12/8/2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1630			P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	128			P
7440-41-7	Beryllium	0.35			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	94800			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	5.3			P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	21100			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	19800			P
7439-96-5	Manganese	2250			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	1190			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	25000			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	20.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW06-W-0-1205

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A05-D985

Matrix (soil/water): WATER Lab Sample ID: AD570891

Level (low/med): LOW Date Received: 12/8/2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1040			P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	103			P
7440-41-7	Beryllium	0.38			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	63400			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	8950			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	14900			P
7439-96-5	Manganese	765			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	1180			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	66100			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	20.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D985

Initial Calibration Source: VHG/INO.VENT.

Continuing Calibration Source: VHG/INOR.VENT.

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum	18750.0	19023.51	101.5	25000.0	25216.83	100.9	25765.15	103.1	P
Antimony	375.0	374.06	99.7	500.0	495.06	99.0	503.51	100.7	P
Arsenic	375.0	367.39	98.0	500.0	484.57	96.9	492.81	98.6	P
Barium	375.0	361.96	96.5	500.0	483.03	96.6	487.51	97.5	P
Beryllium	375.0	370.91	98.9	500.0	491.31	98.3	498.31	99.7	P
Cadmium	375.0	370.23	98.7	500.0	488.06	97.6	498.34	99.7	P
Calcium	18750.0	18978.80	101.2	25000.0	25192.00	100.8	25631.08	102.5	P
Chromium	375.0	368.85	98.4	500.0	489.45	97.9	497.10	99.4	P
Cobalt	375.0	367.13	97.9	500.0	486.37	97.3	494.58	98.9	P
Copper	375.0	378.96	101.1	500.0	506.27	101.3	512.74	102.5	P
Iron	18750.0	18651.00	99.5	25000.0	24651.08	98.6	25110.51	100.4	P
Lead	375.0	371.44	99.1	500.0	491.08	98.2	496.35	99.3	P
Magnesium	18750.0	18787.62	100.2	25000.0	24872.08	99.5	25333.48	101.3	P
Manganese	375.0	377.91	100.8	500.0	502.84	100.6	509.47	101.9	P
Nickel	375.0	372.14	99.2	500.0	490.60	98.1	499.01	99.8	P
Potassium	18750.0	19394.09	103.4	25000.0	25183.10	100.7	25815.07	103.3	P
Selenium	375.0	372.44	99.3	500.0	493.95	98.8	499.56	99.9	P
Silver	375.0	364.99	97.3	500.0	489.27	97.9	494.74	98.9	P
Sodium	18750.0	18579.89	99.1	25000.0	24953.76	99.8	25250.27	101.0	P
Thallium	375.0	382.41	102.0	500.0	499.99	100.0	513.74	102.7	P
Vanadium	375.0	371.33	99.0	500.0	493.42	98.7	501.06	100.2	P
Zinc	375.0	364.07	97.1	500.0	485.37	97.1	490.36	98.1	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D985

Initial Calibration Source: VHG/INO.VENT.

Continuing Calibration Source: VHG/INOR.VENT.

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				25000.0	25633.14	102.5	25342.18	101.4	P
Antimony				500.0	503.55	100.7	499.72	99.9	P
Arsenic				500.0	498.01	99.6	491.02	98.2	P
Barium				500.0	488.39	97.7	483.07	96.6	P
Beryllium				500.0	497.10	99.4	491.00	98.2	P
Cadmium				500.0	496.60	99.3	490.96	98.2	P
Calcium				25000.0	25623.87	102.5	25225.27	100.9	P
Chromium				500.0	500.19	100.0	492.93	98.6	P
Cobalt				500.0	493.56	98.7	488.03	97.6	P
Copper				500.0	514.67	102.9	508.66	101.7	P
Iron				25000.0	25081.85	100.3	24765.83	99.1	P
Lead				500.0	496.63	99.3	489.09	97.8	P
Magnesium				25000.0	25226.86	100.9	24897.26	99.6	P
Manganese				500.0	504.90	101.0	498.29	99.7	P
Nickel				500.0	501.41	100.3	494.61	98.9	P
Potassium				25000.0	24403.73	97.6	24126.81	96.5	P
Selenium				500.0	504.93	101.0	494.03	98.8	P
Silver				500.0	493.57	98.7	488.86	97.8	P
Sodium				25000.0	25314.77	101.3	25053.99	100.2	P
Thallium				500.0	511.79	102.4	502.55	100.5	P
Vanadium				500.0	501.82	100.4	496.07	99.2	P
Zinc				500.0	495.60	99.1	488.64	97.7	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D985

Initial Calibration Source: VHG/INO.VENT.

Continuing Calibration Source: VHG/INOR.VENT.

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Mercury	3.0	3.10	103.3	2.0	2.11	105.5	2.11	105.5	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D985

Initial Calibration Source: VHG/INO.VENT.

Continuing Calibration Source: VHG/INOR.VENT.

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury				2.0	2.11	105.5			CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Ecology & Environment, Inc.

-2B-

CRDL STANDARD FOR AA AND ICP

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG No.: A05-D985

AA CRDL Standard Source: _____

ICP CRDL Standard Source: VHG

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Aluminum				200.0	205.24	102.6		
Antimony				20.0	17.76	88.8		
Arsenic				10.0	10.50	105.0		
Barium				2.0	2.29	114.5		
Beryllium				2.0	1.94	97.0		
Cadmium				1.0	0.96	96.0		
Calcium				500.0	502.88	100.6		
Chromium				4.0	3.83	95.8		
Cobalt				4.0	4.36	109.0		
Copper				10.0	9.57	95.7		
Iron				50.0	65.16	130.3		
Lead				5.0	5.64	112.8		
Magnesium				200.0	197.42	98.7		
Manganese				3.0	3.80	126.7		
Nickel				10.0	9.44	94.4		
Potassium				500.0	465.93	93.2		
Selenium				15.0	17.03	113.5		
Silver				3.0	2.90	96.7		
Sodium				1000.0	953.22	95.3		
Thallium				20.0	22.15	110.8		
Vanadium				5.0	4.71	94.2		
Zinc				20.0	17.54	87.7		

Comments:

Ecology & Environment, Inc.
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG No.: A05-D985

AA CRDL Standard Source: _____

ICP CRDL Standard Source: VHG

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Mercury	0.2	0.14	70.0					

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D985

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	200.0	U	200.0	U	200.0	U	200.0	U	200.000	U	P
Antimony	20.0	U	20.0	U	20.0	U	20.0	U	20.000	U	P
Arsenic	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Barium	2.0	U	2.0	U	2.0	U	2.0	U	2.000	U	P
Beryllium	0.1	U	0.1	U	0.5		0.2		0.200		P
Cadmium	1.0	U	1.0	U	1.0	U	1.0	U	1.000	U	P
Calcium	500.0	U	500.0	U	500.0	U	500.0	U	500.000	U	P
Chromium	4.0	U	4.0	U	4.0	U	4.0	U	4.000	U	P
Cobalt	4.0	U	4.0	U	4.0	U	4.0	U	4.000	U	P
Copper	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Iron	50.0	U	50.0	U	50.0	U	50.0	U	50.000	U	P
Lead	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P
Magnesium	200.0	U	200.0	U	200.0	U	200.0	U	200.000	U	P
Manganese	3.0	U	3.0	U	3.0	U	3.0	U	3.000	U	P
Nickel	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Potassium	500.0	U	500.0	U	500.0	U	500.0	U	500.000	U	P
Selenium	15.0	U	15.0	U	15.0	U	15.0	U	15.000	U	P
Silver	3.0	U	3.0	U	3.0	U	3.0	U	3.000	U	P
Sodium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	1000.000	U	P
Thallium	20.0	U	20.0	U	20.0	U	20.0	U	20.000	U	P
Vanadium	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P
Zinc	20.0	U	20.0	U	20.0	U	20.0	U	20.000	U	P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D985

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			200.0	U							P
Antimony			20.0	U							P
Arsenic			10.0	U							P
Barium			2.0	U							P
Beryllium			0.1								P
Cadmium			1.0	U							P
Calcium			500.0	U							P
Chromium			4.0	U							P
Cobalt			4.0	U							P
Copper			10.0	U							P
Iron			50.0	U							P
Lead			5.0	U							P
Magnesium			200.0	U							P
Manganese			3.0	U							P
Nickel			10.0	U							P
Potassium			500.0	U							P
Selenium			15.0	U							P
Silver			3.0	U							P
Sodium			1000.0	U							P
Thallium			20.0	U							P
Vanadium			5.0	U							P
Zinc			20.0	U							P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D985

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Mercury	0.1	U	0.1	U	0.1	U	0.1	U	0.200	U	CV

Comments:

STL BUFFALO

Ecology & Environment. Inc.

-4-

ICP INTERFERENCE CHECK SAMPLE

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D985

ICP ID Number: SUPERTRACE ICS Source: VHG

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Aluminum	500000	500000	491425	496104.2	99.2			
Antimony		600	5	615.7	102.6			
Arsenic		100	-3	100.7	100.7			
Barium		500	13	511.8	102.4			
Beryllium		500	2	484.1	96.8			
Cadmium		1000	0	926.0	92.6			
Calcium	500000	500000	490621	493567.6	98.7			
Chromium		500	-7	465.1	93.0			
Cobalt		500	2	452.2	90.4			
Copper		500	-1	496.2	99.2			
Iron	200000	100000	188344	93760.6	93.8			
Lead		50	3	47.3	94.6			
Magnesium	500000	500000	487178	486360.5	97.3			
Manganese		500	-5	473.0	94.6			
Nickel		1000	0	920.4	92.0			
Potassium			-16	-19.5				
Selenium		50	3	52.8	105.6			
Silver		200	1	212.9	106.4			
Sodium			-100	63.4				
Thallium		100	-3	97.3	97.3			
Vanadium		500	-1	482.3	96.5			
Zinc		1000	-6	914.2	91.4			

STL BUFFALO

Ecology & Environment, Inc.

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

NM-MW04-W-0-1205\MS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D985

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	10320.2803		508.5500		10000.00	98.1		P
Antimony	75 - 125	198.0700		20.0000	U	200.00	99.0		P
Arsenic	75 - 125	217.3200		19.6200		200.00	98.8		P
Barium	75 - 125	312.3000		114.6200		200.00	98.8		P
Beryllium	75 - 125	196.7900		0.3900		200.00	98.2		P
Cadmium	75 - 125	195.7300		1.0000	U	200.00	97.9		P
Calcium		68461.0078		59513.7188		10000.00	89.5		P
Chromium	75 - 125	195.1500		4.0000	U	200.00	97.6		P
Cobalt	75 - 125	203.7000		7.8000		200.00	98.0		P
Copper	75 - 125	201.1900		10.0000	U	200.00	100.6		P
Iron		143840.0000		136139.2031		10000.00	77.0		P
Lead	75 - 125	199.2000		5.0000	U	200.00	99.6		P
Magnesium	75 - 125	21727.8809		12049.3301		10000.00	96.8		P
Manganese		2596.8501		2433.7300		200.00	81.6		P
Nickel	75 - 125	197.3800		10.0000	U	200.00	98.7		P
Potassium	75 - 125	11870.3203		2032.4500		10000.00	98.4		P
Selenium	75 - 125	201.0900		15.0000	U	200.00	100.5		P
Silver	75 - 125	51.2900		3.0000	U	50.00	102.6		P
Sodium	75 - 125	16104.5195		5978.8398		10000.00	101.3		P
Thallium	75 - 125	195.7900		20.0000	U	200.00	97.9		P
Vanadium	75 - 125	196.8600		5.0000	U	200.00	98.4		P
Zinc	75 - 125	203.9000		20.0000	U	200.00	102.0		P

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

NM-MW04-W-0-1205\SD

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D985

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	10227.3096		508.5500		10000.00	97.2		P
Antimony	75 - 125	194.4700		20.0000	U	200.00	97.2		P
Arsenic	75 - 125	216.0000		19.6200		200.00	98.2		P
Barium	75 - 125	312.2900		114.6200		200.00	98.8		P
Beryllium	75 - 125	194.4700		0.3900		200.00	97.0		P
Cadmium	75 - 125	191.8900		1.0000	U	200.00	95.9		P
Calcium		68366.5000		59513.7188		10000.00	88.5		P
Chromium	75 - 125	192.7900		4.0000	U	200.00	96.4		P
Cobalt	75 - 125	200.4500		7.8000		200.00	96.3		P
Copper	75 - 125	199.4600		10.0000	U	200.00	99.7		P
Iron		143666.5938		136139.2031		10000.00	75.3		P
Lead	75 - 125	196.7600		5.0000	U	200.00	98.4		P
Magnesium	75 - 125	21627.6406		12049.3301		10000.00	95.8		P
Manganese		2600.5500		2433.7300		200.00	83.4		P
Nickel	75 - 125	195.3200		10.0000	U	200.00	97.7		P
Potassium	75 - 125	11768.0098		2032.4500		10000.00	97.4		P
Selenium	75 - 125	198.1400		15.0000	U	200.00	99.1		P
Silver	75 - 125	50.9000		3.0000	U	50.00	101.8		P
Sodium	75 - 125	16112.8096		5978.8398		10000.00	101.3		P
Thallium	75 - 125	193.1300		20.0000	U	200.00	96.6		P
Vanadium	75 - 125	194.5600		5.0000	U	200.00	97.3		P
Zinc	75 - 125	199.1200		20.0000	U	200.00	99.6		P

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.
-5B-

POST DIGEST SPIKE SAMPLE RECOVERY

SAMPLE NO.

NM-MW04-W-0-1205A

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A05-D985

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added(SA)	%R	Q	M
Aluminum	75 - 125	10838.75		508.55		10000.0	103.3		P
Antimony	75 - 125	206.75		20.00	U	200.0	103.4		P
Arsenic	75 - 125	226.83		19.62		200.0	103.6		P
Barium	75 - 125	320.55		114.62		200.0	103.0		P
Beryllium	75 - 125	205.23		0.39		200.0	102.4		P
Cadmium	75 - 125	204.02		1.00	U	200.0	102.0		P
Calcium	75 - 125	69023.44		59513.72		10000.0	95.1		P
Chromium	75 - 125	203.89		4.00	U	200.0	101.9		P
Cobalt	75 - 125	213.08		7.80		200.0	102.6		P
Copper	75 - 125	211.57		10.00	U	200.0	105.8		P
Iron	75 - 125	144050.00		136139.20		10000.0	79.1		P
Lead	75 - 125	206.39		5.00	U	200.0	103.2		P
Magnesium	75 - 125	22101.03		12049.33		10000.0	100.5		P
Manganese	75 - 125	2589.69		2433.73		200.0	78.0		P
Nickel	75 - 125	205.68		10.00	U	200.0	102.8		P
Potassium	75 - 125	12374.48		2032.45		10000.0	103.4		P
Selenium	75 - 125	208.69		15.00	U	200.0	104.3		P
Silver	75 - 125	52.90		3.00	U	50.0	105.8		P
Sodium	75 - 125	16516.52		5978.84		10000.0	105.4		P
Thallium	75 - 125	210.70		20.00	U	200.0	105.4		P
Vanadium	75 - 125	209.64		5.00	U	200.0	104.8		P
Zinc	75 - 125	204.05		20.00	U	200.0	102.0		P

Comments:

STL BUFFALO

Ecology & Environment. Inc.

-6-

DUPLICATES

SAMPLE NO.

NM-MW04-W-0-1205\SD

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D985

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		10320.2803		10227.3096		0.9		P
Antimony		198.0700		194.4700		1.8		P
Arsenic		217.3200		216.0000		0.6		P
Barium		312.3000		312.2900		0.0		P
Beryllium		196.7900		194.4700		1.2		P
Cadmium		195.7300		191.8900		2.0		P
Calcium		68461.0078		68366.5000		0.1		P
Chromium		195.1500		192.7900		1.2		P
Cobalt		203.7000		200.4500		1.6		P
Copper		201.1900		199.4600		0.9		P
Iron		143840.0000		143666.5938		0.1		P
Lead		199.2000		196.7600		1.2		P
Magnesium		21727.8809		21627.6406		0.5		P
Manganese		2596.8501		2600.5500		0.1		P
Nickel		197.3800		195.3200		1.0		P
Potassium		11870.3203		11768.0098		0.9		P
Selenium		201.0900		198.1400		1.5		P
Silver		51.2900		50.9000		0.8		P
Sodium		16104.5195		16112.8096		0.1		P
Thallium		195.7900		193.1300		1.4		P
Vanadium		196.8600		194.5600		1.2		P
Zinc		203.9000		199.1200		2.4		P

STL BUFFALO

Ecology & Environment, Inc.

-7-

LABORATORY CONTROL SAMPLE

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D985

Solid LCS Source: _____

Aqueous LCS Source: INORG.VENT.

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Aluminum	10000.0	10040.26	100.4						
Antimony	200.0	203.09	101.5						
Arsenic	200.0	202.26	101.1						
Barium	200.0	202.66	101.3						
Beryllium	200.0	201.65	100.8						
Cadmium	200.0	203.77	101.9						
Calcium	10000.0	10130.83	101.3						
Chromium	200.0	203.07	101.5						
Cobalt	200.0	203.13	101.6						
Copper	200.0	201.76	100.9						
Iron	10000.0	10191.01	101.9						
Lead	200.0	204.56	102.3						
Magnesium	10000.0	10102.65	101.0						
Manganese	200.0	200.88	100.4						
Nickel	200.0	203.81	101.9						
Potassium	10000.0	9863.22	98.6						
Selenium	200.0	202.99	101.5						
Silver	50.0	51.68	103.4						
Sodium	10000.0	10416.21	104.2						
Thallium	200.0	203.26	101.6						
Vanadium	200.0	202.04	101.0						
Zinc	200.0	214.25	107.1						

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-7-

LABORATORY CONTROL SAMPLE

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D985

Solid LCS Source: _____

Aqueous LCS Source: INORG.VENT.

Analyte	Aqueous (ug/L)			Solid (mg/kg)				
	True	Found	%R	True	Found	C	Limits	%R
Mercury	3.3	3.32	99.6					

Comments: _____

Ecology & Environment, Inc.

-9-

ICP SERIAL DILUTIONS

SAMPLE NO.: NM-MW04-W-0-1205L

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D985

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	508.55		1000.00	U	100.0		P
Antimony	20.00	U	100.00	U			P
Arsenic	19.62		50.00	U	100.0		P
Barium	114.62		116.75		1.9		P
Beryllium	0.39		0.85		117.9		P
Cadmium	1.00	U	5.00	U			P
Calcium	59513.72		60737.45		2.1		P
Chromium	4.00	U	20.00	U			P
Cobalt	7.80		20.00	U	100.0		P
Copper	10.00	U	50.00	U			P
Iron	136139.20		139983.50		2.8		P
Lead	3.29		25.00	U	100.0		P
Magnesium	12049.33		12288.20		2.0		P
Manganese	2433.73		2502.65		2.8		P
Nickel	2.92		50.00	U	100.0		P
Potassium	2032.45		2500.00	U	100.0		P
Selenium	6.45		75.00	U	100.0		P
Silver	3.00	U	15.00	U			P
Sodium	5978.84		6708.40		12.2		P
Thallium	20.00	U	100.00	U			P
Vanadium	1.36		25.00	U	100.0		P
Zinc	20.00	U	100.00	U			P

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-10-

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D985

ICP ID Number: SUPERTRACE Date: 12/9/2005

Flame AA ID Number: _____

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	EQL (ug/L)	EQL (ug/L)	M
Aluminum	308.215		200	200	P
Antimony	206.838		20	20	P
Arsenic	189.042		10	10	P
Barium	493.409		2	2	P
Beryllium	313.042		0.1	0.1	P
Cadmium	226.502		1	1	P
Calcium	317.933		500	500	P
Chromium	267.716		4	4	P
Cobalt	228.616		4	4	P
Copper	324.753		10	10	P
Iron	271.441		50	50	P
Lead	220.353		5	5	P
Magnesium	279.078		200	200	P
Manganese	257.610		3	3	P
Nickel	231.604		10	10	P
Potassium	766.491		500	500	P
Selenium	296.026		15	15	P
Silver	328.068		3	3	P
Sodium	330.232		1000	1000	P
Thallium	190.864		20	20	P
Vanadium	292.402		5	5	P
Zinc	206.200		20	20	P

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-10-

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D985

ICP ID Number: _____ Date: 9/23/2005

Flame AA ID Number: LEEMAN PS200II

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	EQL (ug/L)	EQL (ug/L)	M
Mercury	253.70		0.2	0.2	CV

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-11A-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D985

ICP ID Number: SUPERTRACE Date: 10/6/2005

Analyte	Wave-length (nm)	Interelement Correction Factors for: Al	Fe	B	Be	Cd
Aluminum	308.22	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.84	0.0000000	0.0000270	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000000	-0.0000200	0.0000000	0.0000000	0.0000000
Barium	493.41	0.0000210	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.68	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000620	0.0000000	0.0000000	0.0000000
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000390	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.62	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	-0.0000400	0.0000000	0.0000000	0.0000000
Iron	271.44	0.0001250	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0004510	0.0000510	0.0000000	0.0000000	0.0000000
Magnesium	279.08	0.0000000	-0.0003300	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000	-0.0000200	0.0000000	0.0000000	0.0000000
Molybdenum	202.03	0.0000000	-0.0000100	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.02	0.0000000	0.0000040	0.0000000	0.0000000	0.0000000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.23	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	-0.0000300	0.0000000	0.0000000	0.0000000
Tin	189.99	0.0000000	-0.0000100	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000250	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	-0.0000300	0.0000000	0.0000000	0.0000000

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-11B-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D985

ICP ID Number: SUPERTRACE Date: 10/6/2005

Analyte	Wave-length (nm)	Interelement Correction Factors for: Co	Cr	Mn	Na	Ni
Aluminum	308.22	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.84	0.0000000	0.0157540	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000000	0.0001370	0.0000000	0.0000000	0.0000000
Barium	493.41	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.68	0.0005770	0.0013570	-0.0001100	0.0000000	0.0000000
Cadmium	226.50	-0.0001200	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0002030	0.0000000	0.0000000
Cobalt	228.62	0.0000000	-0.0001000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	-0.0001300	0.0000000	0.0000000	0.0000000
Iron	271.44	0.0855200	0.0014280	0.0000000	0.0000000	0.0000000
Lead	220.35	-0.0001200	0.0000000	0.0000970	0.0000000	0.0000000
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.03	0.0001640	0.0000900	-0.0001500	0.0000000	0.0000000
Nickel	231.60	-0.0011100	0.0000000	-0.0001200	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.02	0.0001000	0.0000000	0.0004000	0.0000000	0.0000000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.23	0.0000000	-0.0051200	0.0000000	0.0000000	0.0000000
Thallium	190.86	-0.0023400	0.0001680	-0.0010200	0.0000000	0.0000000
Tin	189.99	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	-0.0004000	0.0000000	0.0000000	0.0000000

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-11B-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D985

ICP ID Number: SUPERTRACE Date: 10/6/2005

Analyte	Wave-length (nm)	Interelement Correction Factors for: Pb	Sb	Se	Tl	V
Aluminum	308.22	0.0000000	0.0000000	0.0000000	0.0003600	0.0200020
Antimony	206.84	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.41	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0005560
Boron	249.68	0.0000000	0.0000000	0.0000000	0.0016150	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000600
Cobalt	228.62	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0059520
Lead	220.35	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.03	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000950	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.02	0.0000000	0.0000000	0.0000000	0.0000000	0.0001000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000700
Sodium	330.23	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	0.0000000	0.0000000	0.0000000	-0.0018200
Tin	189.99	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-11B-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D985

ICP ID Number: SUPERTRACE Date: 10/6/2005

Analyte	Wave-length (nm)	Interelement Correction Factors for: Zn				
Aluminum	308.22	0.0000000				
Antimony	206.84	0.0000000				
Arsenic	189.04	0.0000000				
Barium	493.41	0.0000000				
Beryllium	313.04	0.0000000				
Boron	249.68	0.0000000				
Cadmium	226.50	0.0000000				
Calcium	317.93	0.0000000				
Chromium	267.72	0.0000000				
Cobalt	228.62	0.0000000				
Copper	324.75	0.0000000				
Iron	271.44	0.0000000				
Lead	220.35	0.0000000				
Magnesium	279.08	0.0000000				
Manganese	257.61	0.0000000				
Molybdenum	202.03	0.0000000				
Nickel	231.60	0.0000000				
Potassium	766.49	0.0000000				
Selenium	196.02	0.0000000				
Silver	328.07	0.0000000				
Sodium	330.23	0.0000000				
Thallium	190.86	0.0000000				
Tin	189.99	0.0000000				
Titanium	337.28	0.0000000				
Vanadium	292.40	0.0000000				
Zinc	206.20	0.0000000				

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-12-

ICP LINEAR RANGES (QUARTERLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D985

ICP ID Number: SUPERTRACE Date: 10/5/2005

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Aluminum	15.00	500000	P
Antimony	15.00	50000	P
Arsenic	15.00	20000	P
Barium	15.00	10000	P
Beryllium	15.00	5000	P
Cadmium	15.00	30000	P
Calcium	15.00	600000	P
Chromium	15.00	40000	P
Cobalt	15.00	40000	P
Copper	15.00	25000	P
Iron	15.00	500000	P
Lead	15.00	40000	P
Magnesium	15.00	600000	P
Manganese	15.00	20000	P
Nickel	15.00	25000	P
Potassium	15.00	600000	P
Selenium	15.00	40000	P
Silver	15.00	2000	P
Sodium	15.00	1000000	P
Thallium	15.00	40000	P
Vanadium	15.00	50000	P
Zinc	15.00	5000	P

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-13-

PREPARATION LOG

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D985

Method: CV Prep Method: _____

Sample ID	Preparation Date	Initial Volume	Final Volume(mL)
AD570508-LCS	12/9/2005	30.0	50.0
AD570509-MBLK	12/9/2005	30.0	50.0
NM-MW02-W-0-1205	12/9/2005	30.0	50.0
NM-MW03-W-0-1205	12/9/2005	30.0	50.0
NM-MW04-W-0-1205	12/9/2005	30.0	50.0
NM-MW05-W-0-1205	12/9/2005	30.0	50.0
NM-MW06-W-0-1205	12/9/2005	30.0	50.0

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-13-

PREPARATION LOG

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A05-D985

Method: P Prep Method: _____

Sample ID	Preparation Date	Initial Volume	Final Volume(mL)
AD570903-LFB	12/13/2005	50.0	50.0
AD570904-MBLK	12/13/2005	50.0	50.0
NM-MW02-W-0-1205	12/13/2005	50.0	50.0
NM-MW03-W-0-1205	12/13/2005	50.0	50.0
NM-MW04-W-0-1205	12/13/2005	50.0	50.0
NM-MW04-W-0-1205\MS	12/13/2005	50.0	50.0
NM-MW04-W-0-1205\SD	12/13/2005	50.0	50.0
NM-MW05-W-0-1205	12/13/2005	50.0	50.0
NM-MW06-W-0-1205	12/13/2005	50.0	50.0

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG No.: A05-D985

Instrument ID Number: SUPERTRACE Method: P

Start Date: 12/13/2005 End Date: 12/14/2005

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
STD BLK	1.00	22:57		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
STD 1	1.00	23:02		X	X	X	X	X	X		X	X	X	X	X		X		X		X	X		X	X	X	
STD 2	1.00	23:06		X	X	X	X	X	X		X	X	X	X	X		X		X		X	X		X	X	X	
STD 3	1.00	23:10		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
STD 3 VER	1.00	23:15		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICV	1.00	23:20		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICB	1.00	23:25		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CRI	1.00	23:30		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSA	1.00	23:35		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSAB	1.00	23:40		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV	1.00	23:46		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	23:51		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	23:55																									
ZZZZZZ	1.00	00:00																									
ZZZZZZ	1.00	00:05																									
ZZZZZZ	1.00	00:10																									
ZZZZZZ	1.00	00:15																									
ZZZZZZ	1.00	00:20																									
ZZZZZZ	1.00	00:25																									
ZZZZZZ	1.00	00:30																									
ZZZZZZ	1.00	00:34																									
ZZZZZZ	1.00	00:39																									
CCV	1.00	00:46		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	00:50		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	5.00	00:55																									
ZZZZZZ	1.00	01:00																									
ZZZZZZ	1.00	01:05																									
ZZZZZZ	1.00	01:10																									
ZZZZZZ	1.00	01:15																									
ZZZZZZ	1.00	01:20																									
AD570904-MBLK	1.00	01:25		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
AD570903-LFB	1.00	01:29		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MW02-W-0-1205	1.00	01:34		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

STL BUFFALO

Ecology & Environment, Inc.

-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG No.: A05-D985

Instrument ID Number: SUPERTRACE Method: P

Start Date: 12/13/2005 End Date: 12/14/2005

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN				
NM-MW03-W-0-1205	1.00	01:39		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
CCV	1.00	01:45		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
CCB	1.00	01:50		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
NM-MW04-W-0-1205	1.00	01:55		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
NM-MW04-W-0-1205L	5.00	02:00		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
NM-MW04-W-0-1205A	1.00	02:05		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
NM-MW04-W-0-1205\M	1.00	02:10		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
NM-MW04-W-0-1205\S	1.00	02:15		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
NM-MW05-W-0-1205	1.00	02:19		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
NM-MW06-W-0-1205	1.00	02:24		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
ZZZZZZ	1.00	02:29																												
ZZZZZZ	1.00	02:34																												
ZZZZZZ	1.00	02:39																												
CCV	1.00	02:45		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
CCB	1.00	02:50		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

STL BUFFALO

Ecology & Environment, Inc.

-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG No.: A05-D985

Instrument ID Number: LEEMAN PS200II Method: CV

Start Date: 12/9/2005 End Date: 12/9/2005

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ICV	1.00	13:56																X									
ICB	1.00	13:57																X									
CRA	1.00	13:58																X									
ZZZZZZ	1.00	14:00																										
ZZZZZZ	1.00	14:01																										
ZZZZZZ	1.00	14:02																										
ZZZZZZ	1.00	14:03																										
ZZZZZZ	1.00	14:05																										
ZZZZZZ	1.00	14:06																										
ZZZZZZ	1.00	14:07																										
ZZZZZZ	1.00	14:08																										
ZZZZZZ	1.00	14:09																										
ZZZZZZ	1.00	14:11																										
CCV	1.00	14:12																X									
CCB	1.00	14:13																X									
ZZZZZZ	1.00	14:14																										
ZZZZZZ	1.00	14:15																										
ZZZZZZ	1.00	14:16																										
ZZZZZZ	1.00	14:18																										
ZZZZZZ	1.00	14:19																										
ZZZZZZ	1.00	14:20																										
ZZZZZZ	1.00	14:21																										
ZZZZZZ	1.00	14:23																										
ZZZZZZ	1.00	14:24																										
ZZZZZZ	1.00	14:25																										
CCV	1.00	14:26																X									
CCB	1.00	14:27																X									
ZZZZZZ	1.00	14:29																										
ZZZZZZ	1.00	14:30																										
NM-MW02-W-0-1205	1.00	14:31																X									
NM-MW03-W-0-1205	1.00	14:32																X									
NM-MW04-W-0-1205	1.00	14:34																X									
NM-MW05-W-0-1205	1.00	14:35																X									

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

STL BUFFALO

Ecology & Environment, Inc.

-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG No.: A05-D985

Instrument ID Number: LEEMAN PS200II Method: CV

Start Date: 12/9/2005 End Date: 12/9/2005

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
NM-MW06-W-0-1205	1.00	14:36																X									
ZZZZZZ	1.00	14:38																									
AD570508-LCS	1.00	14:39																X									
AD570509-MBLK	1.00	14:40																X									
CCV	1.00	14:41																X									
CCB	1.00	14:42																X									

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

Metals Raw Data

Analysis Report 12/14/05 09:37:51 AM page 1

STL Buffalo Analyst: AK Date: 12-14-05 Secondary Review: JP Date: 12/14/05
Spikes: 13-MDL-01, 1-MDL-5, 5-118-E, 5-118-F, 2-MDL-17
Pippettes: 11-11-05-(1-12)

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	STD BLK	1121305	TRACE1	12/13/05	14:24		X	IR
2	STD 1 L-019-C	1121305	TRACE1	12/13/05	14:29		X	IR
3	STD 2 L-019-D	1121305	TRACE1	12/13/05	14:33		X	IR
4	STD 3 L-019-B	1121305	TRACE1	12/13/05	14:38		X	IR
5	STD 3 VER ↓	1121305	TRACE1	12/13/05	14:43	SW	B	CONC
6	ICV L-017-E	1121305	TRACE1	12/13/05	14:48	SW	Q	CONC
7	ICB L-011-A	1121305	TRACE1	12/13/05	14:52	SW	B	CONC
8	CRI L-016-A	1121305	TRACE1	12/13/05	14:57	SW	B	CONC
9	ICSA L-010-B	1121305	TRACE1	12/13/05	15:02	SW	Q	CONC
10	ICSAB L-010-C	1121305	TRACE1	12/13/05	15:09	SW	Q	CONC
11	CCV L-017-F	1121305	TRACE1	12/13/05	15:15	SW	Q	CONC
12	CCB L-011-A	1121305	TRACE1	12/13/05	15:23	SW	B	CONC
13	AD570972/PB	1121305	TRACE1	12/13/05	15:27	SW	S	CONC
14	AD570971/FB	1121305	TRACE1	12/13/05	15:32	SW	S	CONC
15	AD570967 E034	1121305	TRACE1	12/13/05	15:37	SW	S	CONC
16	AD570967/L (1:5)	1121305	TRACE1	12/13/05	15:42	SW	S	CONC
17	AD570967/PS	1121305	TRACE1	12/13/05	15:47	SW	S	CONC
18	AD570968/MS	1121305	TRACE1	12/13/05	15:52	SW	S	CONC
19	AD570969/SD	1121305	TRACE1	12/13/05	15:57	SW	S	CONC
20	AD570970	1121305	TRACE1	12/13/05	16:01	SW	S	CONC
21	AD571098/PB	1121305	TRACE1	12/13/05	16:26	SW	S	CONC
22	AD571097/CLPSL	1121305	TRACE1	12/13/05	16:31	SW	S	CONC
23	CCV	1121305	TRACE1	12/13/05	16:38	SW	Q	CONC
24	CCB	1121305	TRACE1	12/13/05	16:42	SW	B	CONC
25	AD571094 D364	1121305	TRACE1	12/13/05	16:47	SW	S	CONC
26	AD571094/L (1:5)	1121305	TRACE1	12/13/05	16:58	SW	S	CONC
27	AD571094/PS	1121305	TRACE1	12/13/05	17:08	SW	S	CONC
28	AD571095/MD	1121305	TRACE1	12/13/05	17:13	SW	S	CONC
29	AD571096/MS	1121305	TRACE1	12/13/05	17:18	SW	S	CONC
30	CRI	1121305	TRACE1	12/13/05	17:23	SW	B	CONC
31	ICSA	1121305	TRACE1	12/13/05	17:28	SW	Q	CONC
32	ICSAB	1121305	TRACE1	12/13/05	17:33	SW	Q	CONC
33	CCV	1121305	TRACE1	12/13/05	17:39	SW	Q	CONC
34	CCB	1121305	TRACE1	12/13/05	17:44	SW	B	CONC
35	AD570948/PB	1121305	TRACE1	12/13/05	17:49	SW	S	CONC
36	AD570947/FB	1121305	TRACE1	12/13/05	17:53	SW	S	CONC
37	AD570929 D994	1121305	TRACE1	12/13/05	17:58	SW	S	CONC
38	AD570930 D995	1121305	TRACE1	12/13/05	18:03	SW	S	CONC
39	AD570931	1121305	TRACE1	12/13/05	18:08	SW	S	CONC
40	AD570932	1121305	TRACE1	12/13/05	18:13	SW	S	CONC
41	AD570933	1121305	TRACE1	12/13/05	18:18	SW	S	CONC
42	AD570934	1121305	TRACE1	12/13/05	18:23	SW	S	CONC
43	AD570935	1121305	TRACE1	12/13/05	18:27	SW	S	CONC
44	AD570936	1121305	TRACE1	12/13/05	18:32	SW	S	CONC
45	CCV	1121305	TRACE1	12/13/05	18:38	SW	Q	CONC
46	CCB	1121305	TRACE1	12/13/05	18:43	SW	B	CONC
47	AD570937	1121305	TRACE1	12/13/05	18:48	SW	S	CONC
48	AD570938 E034	1121305	TRACE1	12/13/05	18:53	SW	S	CONC
49	AD570938/L (1:5)	1121305	TRACE1	12/13/05	18:58	SW	S	CONC
50	AD570938/PS	1121305	TRACE1	12/13/05	19:03	SW	S	CONC

Analysis Report Summary 12/14/05 09:37:51 AM page 2

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
51	AD570939/MS	1121305	TRACE1	12/13/05	19:08	SW	S	CONC
52	AD570940/SD	1121305	TRACE1	12/13/05	19:12	SW	S	CONC
53	AD570941	1121305	TRACE1	12/13/05	19:17	SW	S	CONC
54	AD570942	1121305	TRACE1	12/13/05	19:22	SW	S	CONC
55	AD570943 E040	1121305	TRACE1	12/13/05	19:27	SW	S	CONC
56	AD570944 E045	1121305	TRACE1	12/13/05	19:32	SW	S	CONC
57	CCV	1121305	TRACE1	12/13/05	19:38	SW	Q	CONC
58	CCB	1121305	TRACE1	12/13/05	19:43	SW	B	CONC
59	AD570945	1121305	TRACE1	12/13/05	19:48	SW	S	CONC
60	AD570946 E051	1121305	TRACE1	12/13/05	19:53	SW	S	CONC
61	AD570825/PB	1121305	TRACE1	12/13/05	20:01	SW	S	CONC
62	AD570824/FB	1121305	TRACE1	12/13/05	20:06	SW	S	CONC
63	AD570806 D977	1121305	TRACE1	12/13/05	20:11	SW	S	CONC
64	AD570807 E005	1121305	TRACE1	12/13/05	20:16	SW	S	CONC
65	AD570808	1121305	TRACE1	12/13/05	20:21	SW	S	CONC
66	AD570809	1121305	TRACE1	12/13/05	20:26	SW	S	CONC
67	AD570809/L (1:5)	1121305	TRACE1	12/13/05	20:31	SW	S	CONC
68	AD570809/PS	1121305	TRACE1	12/13/05	20:35	SW	S	CONC
69	CCV	1121305	TRACE1	12/13/05	20:42	SW	Q	CONC
70	CCB	1121305	TRACE1	12/13/05	20:47	SW	B	CONC
71	AD570810/MS	1121305	TRACE1	12/13/05	20:51	SW	S	CONC
72	AD570811/SD	1121305	TRACE1	12/13/05	20:56	SW	S	CONC
73	AD570812	1121305	TRACE1	12/13/05	21:01	SW	S	CONC
74	AD570813	1121305	TRACE1	12/13/05	21:06	SW	S	CONC
75	AD570814	1121305	TRACE1	12/13/05	21:11	SW	S	CONC
76	AD570815	1121305	TRACE1	12/13/05	21:16	SW	S	CONC
77	AD570816 E008	1121305	TRACE1	12/13/05	21:21	SW	S	CONC
78	AD570817	1121305	TRACE1	12/13/05	21:25	SW	S	CONC
79	AD570818	1121305	TRACE1	12/13/05	21:30	SW	S	CONC
80	AD570819	1121305	TRACE1	12/13/05	21:35	SW	S	CONC
81	CCV	1121305	TRACE1	12/13/05	21:41	SW	Q	CONC
82	CCB	1121305	TRACE1	12/13/05	21:46	SW	B	CONC
83	AD570820	1121305	TRACE1	12/13/05	21:51	SW	S	CONC
84	AD570821	1121305	TRACE1	12/13/05	21:56	SW	S	CONC
85	AD570822	1121305	TRACE1	12/13/05	22:01	SW	S	CONC
86	AD570823	1121305	TRACE1	12/13/05	22:06	SW	S	CONC
87	AD570845/PB	1121305	TRACE1	12/13/05	22:11	SW	S	CONC
88	AD570844/FB	1121305	TRACE1	12/13/05	22:15	SW	S	CONC
89	AD570826 D996	1121305	TRACE1	12/13/05	22:20	SW	S	CONC
90	AD570827	1121305	TRACE1	12/13/05	22:25	SW	S	CONC
91	AD570828	1121305	TRACE1	12/13/05	22:30	SW	S	CONC
92	AD570829	1121305	TRACE1	12/13/05	22:35	SW	S	CONC
93	CCV	1121305	TRACE1	12/13/05	22:41	SW	Q	CONC
94	CCB	1121305	TRACE1	12/13/05	22:46	SW	B	CONC
95	STD BLK	1121305	TRACE1	12/13/05	22:57		X	IR
96	STD 1	1121305	TRACE1	12/13/05	23:02		X	IR
97	STD 2	1121305	TRACE1	12/13/05	23:06		X	IR
98	STD 3	1121305	TRACE1	12/13/05	23:10		X	IR
99	STD 3 VER	1121305	TRACE1	12/13/05	23:15	SW	B	CONC
100	ICV	1121305	TRACE1	12/13/05	23:20	SW	Q	CONC
101	ICB	1121305	TRACE1	12/13/05	23:25	SW	B	CONC
102	CRI	1121305	TRACE1	12/13/05	23:30	SW	B	CONC
103	ICSA	1121305	TRACE1	12/13/05	23:35	SW	Q	CONC
104	ICSAB	1121305	TRACE1	12/13/05	23:40	SW	Q	CONC

Analysis Report Summary 12/14/05 09:37:51 AM page 3

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
105	CCV	1121305	TRACE1	12/13/05	23:46	SW	Q	CONC
106	CCB	1121305	TRACE1	12/13/05	23:51	SW	B	CONC
107	AD570830	1121305	TRACE1	12/13/05	23:55	SW	S	CONC
108	AD570831	1121305	TRACE1	12/14/05	00:00	SW	S	CONC
109	AD570832	1121305	TRACE1	12/14/05	00:05	SW	S	CONC
110	AD570833	1121305	TRACE1	12/14/05	00:10	SW	S	CONC
111	AD570834	1121305	TRACE1	12/14/05	00:15	SW	S	CONC
112	AD570835	1121305	TRACE1	12/14/05	00:20	SW	S	CONC
113	AD570836	1121305	TRACE1	12/14/05	00:25	SW	S	CONC
114	AD570837 E023	1121305	TRACE1	12/14/05	00:30	SW	S	CONC
115	AD570838	1121305	TRACE1	12/14/05	00:34	SW	S	CONC
116	AD570839	1121305	TRACE1	12/14/05	00:39	SW	S	CONC
117	CCV	1121305	TRACE1	12/14/05	00:46	SW	Q	CONC
118	CCB	1121305	TRACE1	12/14/05	00:50	SW	B	CONC
119	AD570839/L (1:5)	1121305	TRACE1	12/14/05	00:55	SW	S	CONC
120	AD570839/PS	1121305	TRACE1	12/14/05	01:00	SW	S	CONC
121	AD570840/MS	1121305	TRACE1	12/14/05	01:05	SW	S	CONC
122	AD570841/SD	1121305	TRACE1	12/14/05	01:10	SW	S	CONC
123	AD570842	1121305	TRACE1	12/14/05	01:15	SW	S	CONC
124	AD570843	1121305	TRACE1	12/14/05	01:20	SW	S	CONC
125	AD570904/PB	1121305	TRACE1	12/14/05	01:25	SW	S	CONC
126	AD570903/FB	1121305	TRACE1	12/14/05	01:29	SW	S	CONC
127	AD570885 D985	1121305	TRACE1	12/14/05	01:34	SW	S	CONC
128	AD570886	1121305	TRACE1	12/14/05	01:39	SW	S	CONC
129	CCV	1121305	TRACE1	12/14/05	01:45	SW	Q	CONC
130	CCB	1121305	TRACE1	12/14/05	01:50	SW	B	CONC
131	AD570887	1121305	TRACE1	12/14/05	01:55	SW	S	CONC
132	AD570887/L (1:5)	1121305	TRACE1	12/14/05	02:00	SW	S	CONC
133	AD570887/PS	1121305	TRACE1	12/14/05	02:05	SW	S	CONC
134	AD570888/MS	1121305	TRACE1	12/14/05	02:10	SW	S	CONC
135	AD570889/SD	1121305	TRACE1	12/14/05	02:15	SW	S	CONC
136	AD570890	1121305	TRACE1	12/14/05	02:19	SW	S	CONC
137	AD570891	1121305	TRACE1	12/14/05	02:24	SW	S	CONC
138	AD570892 E056	1121305	TRACE1	12/14/05	02:29	SW	S	CONC
139	AD570893	1121305	TRACE1	12/14/05	02:34	SW	S	CONC
140	AD570894	1121305	TRACE1	12/14/05	02:39	SW	S	CONC
141	CCV	1121305	TRACE1	12/14/05	02:45	SW	Q	CONC
142	CCB	1121305	TRACE1	12/14/05	02:50	SW	B	CONC
143	AD570895	1121305	TRACE1	12/14/05	02:55	SW	S	CONC
144	AD570896	1121305	TRACE1	12/14/05	03:00	SW	S	CONC
145	AD570897	1121305	TRACE1	12/14/05	03:05	SW	S	CONC
146	AD570898	1121305	TRACE1	12/14/05	03:10	SW	S	CONC
147	AD570899 E059	1121305	TRACE1	12/14/05	03:14	SW	S	CONC
148	AD570900	1121305	TRACE1	12/14/05	03:19	SW	S	CONC
149	AD570901	1121305	TRACE1	12/14/05	03:24	SW	S	CONC
150	AD570902	1121305	TRACE1	12/14/05	03:29	SW	S	CONC
151	AD570805/PB	1121305	TRACE1	12/14/05	03:34	SW	S	CONC
152	AD570804/FB	1121305	TRACE1	12/14/05	03:39	SW	S	CONC
153	CCV	1121305	TRACE1	12/14/05	03:45	SW	Q	CONC
154	CCB	1121305	TRACE1	12/14/05	03:50	SW	B	CONC
155	AD570786 E001	1121305	TRACE1	12/14/05	03:55	SW	S	CONC
156	AD570787 E024	1121305	TRACE1	12/14/05	04:00	SW	S	CONC
157	AD570788	1121305	TRACE1	12/14/05	04:05	SW	S	CONC
158	AD570789	1121305	TRACE1	12/14/05	04:10	SW	S	CONC

Analysis Report Summary 12/14/05 09:37:51 AM page 4

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
159	AD570790	1121305	TRACE1	12/14/05	04:14	SW	S	CONC
160	AD570791	1121305	TRACE1	12/14/05	04:19	SW	S	CONC
161	AD570792	1121305	TRACE1	12/14/05	04:24	SW	S	CONC
162	AD570793	1121305	TRACE1	12/14/05	04:29	SW	S	CONC
163	AD570794	1121305	TRACE1	12/14/05	04:34	SW	S	CONC
164	AD570795	1121305	TRACE1	12/14/05	04:39	SW	S	CONC
165	CCV	1121305	TRACE1	12/14/05	04:45	SW	Q	CONC
166	CCB	1121305	TRACE1	12/14/05	04:50	SW	B	CONC
167	AD570796	1121305	TRACE1	12/14/05	04:55	SW	S	CONC
168	AD570797	1121305	TRACE1	12/14/05	05:00	SW	S	CONC
169	AD570798	1121305	TRACE1	12/14/05	05:05	SW	S	CONC
170	AD570799	1121305	TRACE1	12/14/05	05:10	SW	S	CONC
171	AD570800	1121305	TRACE1	12/14/05	05:15	SW	S	CONC
172	AD570800/L (1:5)	1121305	TRACE1	12/14/05	05:19	SW	S	CONC
173	AD570800/PS	1121305	TRACE1	12/14/05	05:24	SW	S	CONC
174	AD570978/MS	1121305	TRACE1	12/14/05	05:29	SW	S	CONC
175	AD570979/SD	1121305	TRACE1	12/14/05	05:34	SW	S	CONC
176	AD570801 E057	1121305	TRACE1	12/14/05	05:39	SW	S	CONC
177	CCV	1121305	TRACE1	12/14/05	05:45	SW	Q	CONC
178	CCB	1121305	TRACE1	12/14/05	05:50	SW	B	CONC
179	STD BLK	1121305	TRACE1	12/14/05	06:01		X	IR
180	STD 1	1121305	TRACE1	12/14/05	06:06		X	IR
181	STD 2	1121305	TRACE1	12/14/05	06:10		X	IR
182	STD 3	1121305	TRACE1	12/14/05	06:14		X	IR
183	STD 3 VER	1121305	TRACE1	12/14/05	06:19	SW	B	CONC
184	ICV	1121305	TRACE1	12/14/05	06:24	SW	Q	CONC
185	ICB	1121305	TRACE1	12/14/05	06:29	SW	B	CONC
186	CRI	1121305	TRACE1	12/14/05	06:34	SW	B	CONC
187	ICSA	1121305	TRACE1	12/14/05	06:39	SW	Q	CONC
188	ICSAB	1121305	TRACE1	12/14/05	06:44	SW	Q	CONC
189	CCV	1121305	TRACE1	12/14/05	06:50	SW	Q	CONC
190	CCB	1121305	TRACE1	12/14/05	06:55	SW	B	CONC
191	AD570865/PB	1121305	TRACE1	12/14/05	07:00	SW	S	CONC
192	AD570864/FB	1121305	TRACE1	12/14/05	07:04	SW	S	CONC
193	AD570846 E016	1121305	TRACE1	12/14/05	07:09	SW	S	CONC
194	AD570847	1121305	TRACE1	12/14/05	07:14	SW	S	CONC
195	AD570848	1121305	TRACE1	12/14/05	07:19	SW	S	CONC
196	AD570848/L (1:5)	1121305	TRACE1	12/14/05	07:24	SW	S	CONC
197	AD570848/PS	1121305	TRACE1	12/14/05	07:29	SW	S	CONC
198	AD570849/MS	1121305	TRACE1	12/14/05	07:34	SW	S	CONC
199	AD570850/SD	1121305	TRACE1	12/14/05	07:39	SW	S	CONC
200	AD570851	1121305	TRACE1	12/14/05	07:44	SW	S	CONC
201	CCV	1121305	TRACE1	12/14/05	07:50	SW	Q	CONC
202	CCB	1121305	TRACE1	12/14/05	07:55	SW	B	CONC
203	AD570852	1121305	TRACE1	12/14/05	08:00	SW	S	CONC
204	AD570853	1121305	TRACE1	12/14/05	08:05	SW	S	CONC
205	AD570854	1121305	TRACE1	12/14/05	08:09	SW	S	CONC
206	AD570855	1121305	TRACE1	12/14/05	08:14	SW	S	CONC
207	AD570856	1121305	TRACE1	12/14/05	08:19	SW	S	CONC
208	AD570857	1121305	TRACE1	12/14/05	08:24	SW	S	CONC
209	AD570858	1121305	TRACE1	12/14/05	08:29	SW	S	CONC
210	AD570859 E022	1121305	TRACE1	12/14/05	08:34	SW	S	CONC
211	AD570860	1121305	TRACE1	12/14/05	08:39	SW	S	CONC
212	AD570861	1121305	TRACE1	12/14/05	08:44	SW	S	CONC

Analysis Report Summary 12/14/05 09:37:51 AM page 5

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
213	CCV	1121305	TRACE1	12/14/05	08:50	SW	Q	CONC
214	CCB	1121305	TRACE1	12/14/05	08:55	SW	B	CONC
215	AD570862	1121305	TRACE1	12/14/05	09:00	SW	S	CONC
216	AD570863	1121305	TRACE1	12/14/05	09:05	SW	S	CONC
217	CCV	1121305	TRACE1	12/14/05	09:11	SW	Q	CONC
218	CCB	1121305	TRACE1	12/14/05	09:16	SW	B	CONC

Method: TRACE1
Mode: Concentration
Standards Table: NAKCAMG
Data File: 1DEC0605

Element	Wavelength	Date-of-Fit	Type-of-Fit	Correlation
Ca3179	317.933	12/06/05 10:02	Full Fit	.999993
K_7664	766.491	12/06/05 10:03	Full Fit	.999960
Mg2790	279.078	12/06/05 10:04	Full Fit	.999988
Na3302	330.232	12/06/05 10:04	Full Fit	.999936

Calibration Report 12/06/05 09:21:36 AM page 1

Method: TRACE1 Standard Name: STD BLK Operator:
Run Time: 12/06/05 09:18:35
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	.0258572	-.064145	.0043379	.0003345
SDev	.0011334	.000239	.0004796	.0009443
%RSD	4.383441	.3729950	11.05620	282.3079
#1	.0250558	-.063976	.0046771	.0010022
#2	.0266587	-.064314	.0039988	-.000333
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5994	--	--	--	--	--	--
SDev	10.71260	--	--	--	--	--	--
%RSD	.1787153	--	--	--	--	--	--
#1	5987	--	--	--	--	--	--
#2	6002	--	--	--	--	--	--

Calibration Report 12/06/05 09:26:22 AM page 1

Method: TRACE1 Standard Name: STD 1 Operator:
Run Time: 12/06/05 09:23:22
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	4.543910	15.03125	2.236046	.2574965
SDev	.008395	.01144	.004159	.0026557
%RSD	.1847449	.0761014	.1859852	1.031352
#1	4.537974	15.02316	2.233105	.2593743
#2	4.549846	15.03934	2.238987	.2556186
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6029	--	--	--	--	--	--
SDev	6.469958	--	--	--	--	--	--
%RSD	.1073108	--	--	--	--	--	--
#1	6034	--	--	--	--	--	--
#2	6025	--	--	--	--	--	--

Calibration Report 12/06/05 09:31:35 AM page 1

Method: TRACE1 Standard Name: STD 2 Operator:
Run Time: 12/06/05 09:28:34
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	22.66357	71.57854	11.37554	1.292338
SDev	.05463	.47121	.01403	.001358
%RSD	.2410375	.6583173	.1233275	.1050656
#1	22.62494	71.91174	11.36562	1.291378
#2	22.70220	71.24534	11.38546	1.293298
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6008	--	--	--	--	--	--
SDev	18.34956	--	--	--	--	--	--
%RSD	.3054327	--	--	--	--	--	--
#1	6021	--	--	--	--	--	--
#2	5995	--	--	--	--	--	--

Calibration Report 12/06/05 09:36:47 AM page 1

Method: TRACE1 Standard Name: STD 3 Operator:
Run Time: 12/06/05 09:33:47
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	44.87153	144.5518	22.63968	2.718679
SDev	.04748	.1481	.01414	.006106
%RSD	.1058183	.1024383	.0624676	.2246092
#1	44.83795	144.6565	22.62967	2.714362
#2	44.90510	144.4471	22.64967	2.722997
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5918	--	--	--	--	--	--
SDev	20.25854	--	--	--	--	--	--
%RSD	.3422932	--	--	--	--	--	--
#1	5904	--	--	--	--	--	--
#2	5933	--	--	--	--	--	--

Calibration Report 12/06/05 09:42:03 AM page 1

Method: TRACE1 Standard Name: NAKCAMG100 Operator:
Run Time: 12/06/05 09:39:02
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	88.65082	282.1602	45.72832	5.666650
SDev	.04411	1.0240	.05310	.001632
%RSD	.0497607	.3629134	.1161168	.0288047
#1	88.61963	281.4361	45.69078	5.665496
#2	88.68201	282.8843	45.76587	5.667804
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5848	--	--	--	--	--	--
SDev	7.424621	--	--	--	--	--	--
%RSD	.1269622	--	--	--	--	--	--
#1	5853	--	--	--	--	--	--
#2	5843	--	--	--	--	--	--

Calibration Report 12/06/05 09:47:26 AM page 1

Method: TRACE1 Standard Name: NAKCAMG400 Operator:
Run Time: 12/06/05 09:44:26
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	342.9575	1052.789	192.1619	26.53482
SDev	.1137	7.915	.2479	.04654
%RSD	.0331404	.7517787	.1290292	.1754108
#1	342.8771	1047.192	191.9865	26.50191
#2	343.0379	1058.385	192.3372	26.56774
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5563	--	--	--	--	--	--
SDev	4.560977	--	--	--	--	--	--
%RSD	.0819925	--	--	--	--	--	--
#1	5566	--	--	--	--	--	--
#2	5559	--	--	--	--	--	--

Analysis Report Summary 12/14/05 09:38:12 AM page 1

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	AD570786	1121305	TRACE1	12/14/05	03:55	SW	S	CONC
2	AD570787	1121305	TRACE1	12/14/05	04:00	SW	S	CONC
3	AD570788	1121305	TRACE1	12/14/05	04:05	SW	S	CONC
4	AD570789	1121305	TRACE1	12/14/05	04:10	SW	S	CONC
5	AD570790	1121305	TRACE1	12/14/05	04:14	SW	S	CONC
6	AD570791	1121305	TRACE1	12/14/05	04:19	SW	S	CONC
7	AD570792	1121305	TRACE1	12/14/05	04:24	SW	S	CONC
8	AD570793	1121305	TRACE1	12/14/05	04:29	SW	S	CONC
9	AD570794	1121305	TRACE1	12/14/05	04:34	SW	S	CONC
10	AD570795	1121305	TRACE1	12/14/05	04:39	SW	S	CONC
11	AD570796	1121305	TRACE1	12/14/05	04:55	SW	S	CONC
12	AD570797	1121305	TRACE1	12/14/05	05:00	SW	S	CONC
13	AD570798	1121305	TRACE1	12/14/05	05:05	SW	S	CONC
14	AD570799	1121305	TRACE1	12/14/05	05:10	SW	S	CONC
15	AD570800	1121305	TRACE1	12/14/05	05:15	SW	S	CONC
16	AD570800/L (1:5)	1121305	TRACE1	12/14/05	05:19	SW	S	CONC
17	AD570800/PS	1121305	TRACE1	12/14/05	05:24	SW	S	CONC
18	AD570801	1121305	TRACE1	12/14/05	05:39	SW	S	CONC
19	AD570804/FB	1121305	TRACE1	12/14/05	03:39	SW	S	CONC
20	AD570805/PB	1121305	TRACE1	12/14/05	03:34	SW	S	CONC
21	AD570806	1121305	TRACE1	12/13/05	20:11	SW	S	CONC
22	AD570807	1121305	TRACE1	12/13/05	20:16	SW	S	CONC
23	AD570808	1121305	TRACE1	12/13/05	20:21	SW	S	CONC
24	AD570809	1121305	TRACE1	12/13/05	20:26	SW	S	CONC
25	AD570809/L (1:5)	1121305	TRACE1	12/13/05	20:31	SW	S	CONC
26	AD570809/PS	1121305	TRACE1	12/13/05	20:35	SW	S	CONC
27	AD570810/MS	1121305	TRACE1	12/13/05	20:51	SW	S	CONC
28	AD570811/SD	1121305	TRACE1	12/13/05	20:56	SW	S	CONC
29	AD570812	1121305	TRACE1	12/13/05	21:01	SW	S	CONC
30	AD570813	1121305	TRACE1	12/13/05	21:06	SW	S	CONC
31	AD570814	1121305	TRACE1	12/13/05	21:11	SW	S	CONC
32	AD570815	1121305	TRACE1	12/13/05	21:16	SW	S	CONC
33	AD570816	1121305	TRACE1	12/13/05	21:21	SW	S	CONC
34	AD570817	1121305	TRACE1	12/13/05	21:25	SW	S	CONC
35	AD570818	1121305	TRACE1	12/13/05	21:30	SW	S	CONC
36	AD570819	1121305	TRACE1	12/13/05	21:35	SW	S	CONC
37	AD570820	1121305	TRACE1	12/13/05	21:51	SW	S	CONC
38	AD570821	1121305	TRACE1	12/13/05	21:56	SW	S	CONC
39	AD570822	1121305	TRACE1	12/13/05	22:01	SW	S	CONC
40	AD570823	1121305	TRACE1	12/13/05	22:06	SW	S	CONC
41	AD570824/FB	1121305	TRACE1	12/13/05	20:06	SW	S	CONC
42	AD570825/PB	1121305	TRACE1	12/13/05	20:01	SW	S	CONC
43	AD570826	1121305	TRACE1	12/13/05	22:20	SW	S	CONC
44	AD570827	1121305	TRACE1	12/13/05	22:25	SW	S	CONC
45	AD570828	1121305	TRACE1	12/13/05	22:30	SW	S	CONC
46	AD570829	1121305	TRACE1	12/13/05	22:35	SW	S	CONC
47	AD570830	1121305	TRACE1	12/13/05	23:55	SW	S	CONC
48	AD570831	1121305	TRACE1	12/14/05	00:00	SW	S	CONC
49	AD570832	1121305	TRACE1	12/14/05	00:05	SW	S	CONC
50	AD570833	1121305	TRACE1	12/14/05	00:10	SW	S	CONC
51	AD570834	1121305	TRACE1	12/14/05	00:15	SW	S	CONC
52	AD570835	1121305	TRACE1	12/14/05	00:20	SW	S	CONC
53	AD570836	1121305	TRACE1	12/14/05	00:25	SW	S	CONC

Analysis Report Summary 12/14/05 09:38:12 AM page 2

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
54	AD570837	1121305	TRACE1	12/14/05	00:30	SW	S	CONC
55	AD570838	1121305	TRACE1	12/14/05	00:34	SW	S	CONC
56	AD570839	1121305	TRACE1	12/14/05	00:39	SW	S	CONC
57	AD570839/L (1:5)	1121305	TRACE1	12/14/05	00:55	SW	S	CONC
58	AD570839/PS	1121305	TRACE1	12/14/05	01:00	SW	S	CONC
59	AD570840/MS	1121305	TRACE1	12/14/05	01:05	SW	S	CONC
60	AD570841/SD	1121305	TRACE1	12/14/05	01:10	SW	S	CONC
61	AD570842	1121305	TRACE1	12/14/05	01:15	SW	S	CONC
62	AD570843	1121305	TRACE1	12/14/05	01:20	SW	S	CONC
63	AD570844/FB	1121305	TRACE1	12/13/05	22:15	SW	S	CONC
64	AD570845/PB	1121305	TRACE1	12/13/05	22:11	SW	S	CONC
65	AD570846	1121305	TRACE1	12/14/05	07:09	SW	S	CONC
66	AD570847	1121305	TRACE1	12/14/05	07:14	SW	S	CONC
67	AD570848	1121305	TRACE1	12/14/05	07:19	SW	S	CONC
68	AD570848/L (1:5)	1121305	TRACE1	12/14/05	07:24	SW	S	CONC
69	AD570848/PS	1121305	TRACE1	12/14/05	07:29	SW	S	CONC
70	AD570849/MS	1121305	TRACE1	12/14/05	07:34	SW	S	CONC
71	AD570850/SD	1121305	TRACE1	12/14/05	07:39	SW	S	CONC
72	AD570851	1121305	TRACE1	12/14/05	07:44	SW	S	CONC
73	AD570852	1121305	TRACE1	12/14/05	08:00	SW	S	CONC
74	AD570853	1121305	TRACE1	12/14/05	08:05	SW	S	CONC
75	AD570854	1121305	TRACE1	12/14/05	08:09	SW	S	CONC
76	AD570855	1121305	TRACE1	12/14/05	08:14	SW	S	CONC
77	AD570856	1121305	TRACE1	12/14/05	08:19	SW	S	CONC
78	AD570857	1121305	TRACE1	12/14/05	08:24	SW	S	CONC
79	AD570858	1121305	TRACE1	12/14/05	08:29	SW	S	CONC
80	AD570859	1121305	TRACE1	12/14/05	08:34	SW	S	CONC
81	AD570860	1121305	TRACE1	12/14/05	08:39	SW	S	CONC
82	AD570861	1121305	TRACE1	12/14/05	08:44	SW	S	CONC
83	AD570862	1121305	TRACE1	12/14/05	09:00	SW	S	CONC
84	AD570863	1121305	TRACE1	12/14/05	09:05	SW	S	CONC
85	AD570864/FB	1121305	TRACE1	12/14/05	07:04	SW	S	CONC
86	AD570865/PB	1121305	TRACE1	12/14/05	07:00	SW	S	CONC
87	AD570885	1121305	TRACE1	12/14/05	01:34	SW	S	CONC
88	AD570886	1121305	TRACE1	12/14/05	01:39	SW	S	CONC
89	AD570887	1121305	TRACE1	12/14/05	01:55	SW	S	CONC
90	AD570887/L (1:5)	1121305	TRACE1	12/14/05	02:00	SW	S	CONC
91	AD570887/PS	1121305	TRACE1	12/14/05	02:05	SW	S	CONC
92	AD570888/MS	1121305	TRACE1	12/14/05	02:10	SW	S	CONC
93	AD570889/SD	1121305	TRACE1	12/14/05	02:15	SW	S	CONC
94	AD570890	1121305	TRACE1	12/14/05	02:19	SW	S	CONC
95	AD570891	1121305	TRACE1	12/14/05	02:24	SW	S	CONC
96	AD570892	1121305	TRACE1	12/14/05	02:29	SW	S	CONC
97	AD570893	1121305	TRACE1	12/14/05	02:34	SW	S	CONC
98	AD570894	1121305	TRACE1	12/14/05	02:39	SW	S	CONC
99	AD570895	1121305	TRACE1	12/14/05	02:55	SW	S	CONC
100	AD570896	1121305	TRACE1	12/14/05	03:00	SW	S	CONC
101	AD570897	1121305	TRACE1	12/14/05	03:05	SW	S	CONC
102	AD570898	1121305	TRACE1	12/14/05	03:10	SW	S	CONC
103	AD570899	1121305	TRACE1	12/14/05	03:14	SW	S	CONC
104	AD570900	1121305	TRACE1	12/14/05	03:19	SW	S	CONC
105	AD570901	1121305	TRACE1	12/14/05	03:24	SW	S	CONC
106	AD570902	1121305	TRACE1	12/14/05	03:29	SW	S	CONC
107	AD570903/FB	1121305	TRACE1	12/14/05	01:29	SW	S	CONC

Analysis Report Summary 12/14/05 09:38:12 AM page 3

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
108	AD570904/PB	1121305	TRACE1	12/14/05	01:25	SW	S	CONC
109	AD570929	1121305	TRACE1	12/13/05	17:58	SW	S	CONC
110	AD570930	1121305	TRACE1	12/13/05	18:03	SW	S	CONC
111	AD570931	1121305	TRACE1	12/13/05	18:08	SW	S	CONC
112	AD570932	1121305	TRACE1	12/13/05	18:13	SW	S	CONC
113	AD570933	1121305	TRACE1	12/13/05	18:18	SW	S	CONC
114	AD570934	1121305	TRACE1	12/13/05	18:23	SW	S	CONC
115	AD570935	1121305	TRACE1	12/13/05	18:27	SW	S	CONC
116	AD570936	1121305	TRACE1	12/13/05	18:32	SW	S	CONC
117	AD570937	1121305	TRACE1	12/13/05	18:48	SW	S	CONC
118	AD570938	1121305	TRACE1	12/13/05	18:53	SW	S	CONC
119	AD570938/L (1:5)	1121305	TRACE1	12/13/05	18:58	SW	S	CONC
120	AD570938/PS	1121305	TRACE1	12/13/05	19:03	SW	S	CONC
121	AD570939/MS	1121305	TRACE1	12/13/05	19:08	SW	S	CONC
122	AD570940/SD	1121305	TRACE1	12/13/05	19:12	SW	S	CONC
123	AD570941	1121305	TRACE1	12/13/05	19:17	SW	S	CONC
124	AD570942	1121305	TRACE1	12/13/05	19:22	SW	S	CONC
125	AD570943	1121305	TRACE1	12/13/05	19:27	SW	S	CONC
126	AD570944	1121305	TRACE1	12/13/05	19:32	SW	S	CONC
127	AD570945	1121305	TRACE1	12/13/05	19:48	SW	S	CONC
128	AD570946	1121305	TRACE1	12/13/05	19:53	SW	S	CONC
129	AD570947/FB	1121305	TRACE1	12/13/05	17:53	SW	S	CONC
130	AD570948/PB	1121305	TRACE1	12/13/05	17:49	SW	S	CONC
131	AD570967	1121305	TRACE1	12/13/05	15:37	SW	S	CONC
132	AD570967/L (1:5)	1121305	TRACE1	12/13/05	15:42	SW	S	CONC
133	AD570967/PS	1121305	TRACE1	12/13/05	15:47	SW	S	CONC
134	AD570968/MS	1121305	TRACE1	12/13/05	15:52	SW	S	CONC
135	AD570969/SD	1121305	TRACE1	12/13/05	15:57	SW	S	CONC
136	AD570970	1121305	TRACE1	12/13/05	16:01	SW	S	CONC
137	AD570971/FB	1121305	TRACE1	12/13/05	15:32	SW	S	CONC
138	AD570972/PB	1121305	TRACE1	12/13/05	15:27	SW	S	CONC
139	AD570978/MS	1121305	TRACE1	12/14/05	05:29	SW	S	CONC
140	AD570979/SD	1121305	TRACE1	12/14/05	05:34	SW	S	CONC
141	AD571094	1121305	TRACE1	12/13/05	16:47	SW	S	CONC
142	AD571094/L (1:5)	1121305	TRACE1	12/13/05	16:58	SW	S	CONC
143	AD571094/PS	1121305	TRACE1	12/13/05	17:08	SW	S	CONC
144	AD571095/MD	1121305	TRACE1	12/13/05	17:13	SW	S	CONC
145	AD571096/MS	1121305	TRACE1	12/13/05	17:18	SW	S	CONC
146	AD571097/CLPSL	1121305	TRACE1	12/13/05	16:31	SW	S	CONC
147	AD571098/PB	1121305	TRACE1	12/13/05	16:26	SW	S	CONC
148	CCB	1121305	TRACE1	12/13/05	15:23	SW	B	CONC
149	CCB	1121305	TRACE1	12/13/05	16:42	SW	B	CONC
150	CCB	1121305	TRACE1	12/13/05	17:44	SW	B	CONC
151	CCB	1121305	TRACE1	12/13/05	18:43	SW	B	CONC
152	CCB	1121305	TRACE1	12/13/05	19:43	SW	B	CONC
153	CCB	1121305	TRACE1	12/13/05	20:47	SW	B	CONC
154	CCB	1121305	TRACE1	12/13/05	21:46	SW	B	CONC
155	CCB	1121305	TRACE1	12/13/05	22:46	SW	B	CONC
156	CCB	1121305	TRACE1	12/13/05	23:51	SW	B	CONC
157	CCB	1121305	TRACE1	12/14/05	00:50	SW	B	CONC
158	CCB	1121305	TRACE1	12/14/05	01:50	SW	B	CONC
159	CCB	1121305	TRACE1	12/14/05	02:50	SW	B	CONC
160	CCB	1121305	TRACE1	12/14/05	03:50	SW	B	CONC
161	CCB	1121305	TRACE1	12/14/05	04:50	SW	B	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
162	CCB	1121305	TRACE1	12/14/05	05:50	SW	B	CONC
163	CCB	1121305	TRACE1	12/14/05	06:55	SW	B	CONC
164	CCB	1121305	TRACE1	12/14/05	07:55	SW	B	CONC
165	CCB	1121305	TRACE1	12/14/05	08:55	SW	B	CONC
166	CCB	1121305	TRACE1	12/14/05	09:16	SW	B	CONC
167	CCV	1121305	TRACE1	12/13/05	15:15	SW	Q	CONC
168	CCV	1121305	TRACE1	12/13/05	16:38	SW	Q	CONC
169	CCV	1121305	TRACE1	12/13/05	17:39	SW	Q	CONC
170	CCV	1121305	TRACE1	12/13/05	18:38	SW	Q	CONC
171	CCV	1121305	TRACE1	12/13/05	19:38	SW	Q	CONC
172	CCV	1121305	TRACE1	12/13/05	20:42	SW	Q	CONC
173	CCV	1121305	TRACE1	12/13/05	21:41	SW	Q	CONC
174	CCV	1121305	TRACE1	12/13/05	22:41	SW	Q	CONC
175	CCV	1121305	TRACE1	12/13/05	23:46	SW	Q	CONC
176	CCV	1121305	TRACE1	12/14/05	00:46	SW	Q	CONC
177	CCV	1121305	TRACE1	12/14/05	01:45	SW	Q	CONC
178	CCV	1121305	TRACE1	12/14/05	02:45	SW	Q	CONC
179	CCV	1121305	TRACE1	12/14/05	03:45	SW	Q	CONC
180	CCV	1121305	TRACE1	12/14/05	04:45	SW	Q	CONC
181	CCV	1121305	TRACE1	12/14/05	05:45	SW	Q	CONC
182	CCV	1121305	TRACE1	12/14/05	06:50	SW	Q	CONC
183	CCV	1121305	TRACE1	12/14/05	07:50	SW	Q	CONC
184	CCV	1121305	TRACE1	12/14/05	08:50	SW	Q	CONC
185	CCV	1121305	TRACE1	12/14/05	09:11	SW	Q	CONC
186	CRI	1121305	TRACE1	12/13/05	14:57	SW	B	CONC
187	CRI	1121305	TRACE1	12/13/05	17:23	SW	B	CONC
188	CRI	1121305	TRACE1	12/13/05	23:30	SW	B	CONC
189	CRI	1121305	TRACE1	12/14/05	06:34	SW	B	CONC
190	ICB	1121305	TRACE1	12/13/05	14:52	SW	B	CONC
191	ICB	1121305	TRACE1	12/13/05	23:25	SW	B	CONC
192	ICB	1121305	TRACE1	12/14/05	06:29	SW	B	CONC
193	ICSA	1121305	TRACE1	12/13/05	15:02	SW	Q	CONC
194	ICSA	1121305	TRACE1	12/13/05	17:28	SW	Q	CONC
195	ICSA	1121305	TRACE1	12/13/05	23:35	SW	Q	CONC
196	ICSA	1121305	TRACE1	12/14/05	06:39	SW	Q	CONC
197	ICSAB	1121305	TRACE1	12/13/05	15:09	SW	Q	CONC
198	ICSAB	1121305	TRACE1	12/13/05	17:33	SW	Q	CONC
199	ICSAB	1121305	TRACE1	12/13/05	23:40	SW	Q	CONC
200	ICSAB	1121305	TRACE1	12/14/05	06:44	SW	Q	CONC
201	ICV	1121305	TRACE1	12/13/05	14:48	SW	Q	CONC
202	ICV	1121305	TRACE1	12/13/05	23:20	SW	Q	CONC
203	ICV	1121305	TRACE1	12/14/05	06:24	SW	Q	CONC
204	STD 1	1121305	TRACE1	12/13/05	14:29		X	IR
205	STD 1	1121305	TRACE1	12/13/05	23:02		X	IR
206	STD 1	1121305	TRACE1	12/14/05	06:06		X	IR
207	STD 2	1121305	TRACE1	12/13/05	14:33		X	IR
208	STD 2	1121305	TRACE1	12/13/05	23:06		X	IR
209	STD 2	1121305	TRACE1	12/14/05	06:10		X	IR
210	STD 3	1121305	TRACE1	12/13/05	14:38		X	IR
211	STD 3	1121305	TRACE1	12/13/05	23:10		X	IR
212	STD 3	1121305	TRACE1	12/14/05	06:14		X	IR
213	STD 3 VER	1121305	TRACE1	12/13/05	14:43	SW	B	CONC
214	STD 3 VER	1121305	TRACE1	12/13/05	23:15	SW	B	CONC
215	STD 3 VER	1121305	TRACE1	12/14/05	06:19	SW	B	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
216	STD BLK	1121305	TRACE1	12/13/05	14:24		X	IR
217	STD BLK	1121305	TRACE1	12/13/05	22:57		X	IR
218	STD BLK	1121305	TRACE1	12/14/05	06:01		X	IR

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
1	AD570786	.09873	-.00081	.50532	.04134	.00035	66.119
2	AD570787	.02701	-.00046	.15721	.06296	.00045	143.91
3	AD570788	.05959	-.00086	.39764	.03436	.00028	64.932
4	AD570789	.02452	-.00064	.34199	.02813	.00033	79.441
5	AD570790	.01999	.00037	.06603	.02566	.00040	133.42
6	AD570791	.01337	-.00080	.37756	.03634	.00038	99.580
7	AD570792	.02336	-.00009	.46677	.01901	.00041	172.61
8	AD570793	.01145	.00009	.29428	.04045	.00031	108.52
9	AD570794	.02360	-.00148	.14038	.02257	.00056	216.09
10	AD570795	.01294	-.00071	.43757	.01791	.00034	60.340
11	AD570796	.02148	-.00138	.37446	.02161	.00050	160.13
12	AD570797	.08136	.00010	.45272	.02185	.00027	28.860
13	AD570798	.04630	.00095	.59567	.01898	.00038	49.691
14	AD570799	.11148	.00242	.53701	.02534	.00043	27.781
15	AD570800	.01722	.00134	.58353	.03902	.00059	80.663
16	AD570800/L (1:5)	.00567	-.00185	.11338	.00780	.00031	15.973
17	AD570800/PS	10.450	.21276	.76106	.24646	.20747	87.682
18	AD570801	.10516	.09495	5.9858	.45978	.00127	59.074
19	AD570804/FB	9.8758	.19929	.19305	.19943	.19789	9.8515
20	AD570805/PB	.00101	-.00157	.00097	.00015	.00015	.00608
21	AD570806	.19596	.00762	.03800	.13254	.00521	117.13
22	AD570807	.05136	.00787	.02630	.08225	.00411	98.134
23	AD570808	.09319	-.00061	.00474	.01048	.00489	18.860
24	AD570809	.03949	.02221	.01147	.00562	.00029	17.016
25	AD570809/L (1:5)	.01663	.00465	.00288	.00101	.00020	3.4446
26	AD570809/PS	10.077	.22615	.20686	.20631	.19929	26.817
27	AD570810/MS	9.6959	.21830	.19929	.19903	.19192	26.647
28	AD570811/SD	9.4435	.21121	.19268	.19300	.18395	25.536
29	AD570812	.03375	-.00137	.00422	.00147	.00024	2.8127
30	AD570813	.07297	-.00141	.00340	.00231	.00029	.91888
31	AD570814	.03669	.00019	.00431	.00219	.00030	5.7820
32	AD570815	.51513	.00086	.01311	.10464	.00045	5.5215
33	AD570816	.02789	.00474	.28712	.61132	.00037	99.273
34	AD570817	.04102	-.00024	.03016	.13787	.00039	100.83
35	AD570818	.04071	.00065	.03129	.09215	.00043	73.618
36	AD570819	.03552	.00433	.29826	.06397	.00045	73.606
37	AD570820	.04074	.03194	.20157	.02026	.00048	88.783
38	AD570821	.02499	.00628	.02765	.10139	.00033	79.857
39	AD570822	.03145	.00095	.06699	.02255	.00038	99.392
40	AD570823	.03837	-.00039	.03414	.05673	.00047	105.47
41	AD570824/FB	9.3402	.19158	.18418	.18781	.20298	10.075
42	AD570825/PB	.05310	-.00121	.00277	-.00015	H.00466	.00755
43	AD570826	.03016	.02494	.07250	.22125	.00038	61.330
44	AD570827	.03869	.00872	.10411	.14334	.00044	110.16
45	AD570828	1.1278	.02767	.05447	.03823	.02171	239.65
46	AD570829	.02964	.01325	.02268	.05723	.00042	132.54
47	AD570830	.01619	.00346	.08633	.10191	.00043	231.62
48	AD570831	-.01410	.01433	.04120	.30813	.00022	119.33
49	AD570832	.00505	.00825	.07084	.05377	.00039	153.32
50	AD570833	.01481	.00351	.04606	.08888	.00048	188.80
51	AD570834	.01997	-.00073	.04019	.07098	.00059	160.67
52	AD570835	.01238	.00495	.08571	.08200	.00062	203.38
53	AD570836	.00777	-.00115	.09365	.02775	.00066	240.72

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
54	AD570837	.00820	-.00041	.01531	.07648	.00042	100.12
55	AD570838	.00985	.00034	.01323	.05358	.00034	69.931
56	AD570839	.00830	.00134	.11980	.06519	.00027	87.264
57	AD570839/L (1:5)	.00714	-.00204	.02524	.01317	.00020	17.808
58	AD570839/PS	10.222	.20412	.32098	.26924	.20247	96.363
59	AD570840/MS	9.7471	.19609	.31351	.26086	.19379	98.554
60	AD570841/SD	9.9940	.20145	.31602	.26402	.19674	99.202
61	AD570842	.00673	-.00018	.00968	.06074	.00037	84.131
62	AD570843	.00291	-.00065	.00156	.00029	.00020	.25084
63	AD570844/FB	9.4579	.18800	.18167	.18834	.18251	9.2550
64	AD570845/PB	.03315	.00127	.00075	-.00003	.00028	.00755
65	AD570846	.01549	-.00044	.25165	.15332	.00017	46.499
66	AD570847	.00858	-.00047	.23250	.07412	.00013	36.621
67	AD570848	.00204	.00200	.06801	.02014	.00048	365.06
68	AD570848/L (1:5)	-.00527	-.00025	.01161	.00393	.00005	72.711
69	AD570848/PS	10.564	.21390	.27441	.23131	.20334	368.29
70	AD570849/MS	9.7763	.19514	.25584	.21535	.18629	356.95
71	AD570850/SD	10.027	.20115	.26150	.22171	.19354	361.84
72	AD570851	.00012	.00082	.24654	.08137	.00015	50.903
73	AD570852	-.00151	.00107	.25176	.11989	.00007	33.157
74	AD570853	.00212	-.00031	.02416	.09581	.00011	74.668
75	AD570854	.01230	.00083	.10634	.13528	.00023	79.200
76	AD570855	.00300	.00153	.04330	.10162	.00014	80.330
77	AD570856	-.00014	-.00044	.13401	.12741	.00009	58.481
78	AD570857	.13842	.00050	.04598	.11760	.00015	76.341
79	AD570858	.00645	.00232	.13563	.12480	.00013	67.545
80	AD570859	-.00309	-.00140	.00671	.09479	.00020	130.53
81	AD570860	.00013	.00127	.01366	.06878	.00012	98.255
82	AD570861	.00515	-.00010	.01220	.06547	.00012	72.104
83	AD570862	.03150	.00064	.00822	.07592	.00014	81.988
84	AD570863	.00378	-.00074	.00378	.07757	.00008	99.120
85	AD570864/FB	9.6322	.19527	.18795	.19803	.19576	9.5585
86	AD570865/PB	.00835	-.00153	-.00096	.00005	.00005	.00941
87	AD570885	.48259	.00200	.01140	.07082	.00045	103.22
88	AD570886	.00562	.00341	.01126	.01135	.00033	72.288
89	AD570887	.50855	.01962	.02739	.11462	.00039	59.514
90	AD570887/L (1:5)	.11961	.00290	.00562	.02335	.00017	12.147
91	AD570887/PS	10.839	.22683	.22974	.32055	.20523	69.023
92	AD570888/MS	10.320	.21732	.21998	.31230	.19679	68.461
93	AD570889/SD	10.227	.21600	.21672	.31229	.19447	68.367
94	AD570890	1.6320	-.00023	.01587	.12841	.00035	94.774
95	AD570891	1.0423	-.00079	.00681	.10253	.00038	63.416
96	AD570892	.01795	.01334	.00570	.00641	.00015	33.182
97	AD570893	.49147	-.00115	.00385	.01080	.00006	2.9588
98	AD570894	.01386	-.00089	.00394	.01080	.00007	1.1192
99	AD570895	-.00023	.00020	.02751	.01669	.00010	19.111
100	AD570896	.00779	.01569	.02018	.00470	.00016	15.720
101	AD570897	.00918	-.00183	.00495	.01444	.00016	8.4261
102	AD570898	-.00142	.00034	.00380	.01559	.00020	81.448
103	AD570899	.10182	-.00009	.02037	.03209	.00028	141.49
104	AD570900	.02676	.00572	.01620	.02344	.00030	92.349
105	AD570901	.20306	.00075	.00892	.00497	.00017	48.489
106	AD570902	.01108	.01524	.02425	.00473	.00010	19.754
107	AD570903/FB	10.040	.20226	.19447	.20266	.20165	10.131

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
162	CCB	.00354	-.00070	.00379	.00013	.00029	.00916
163	CCB	.01092	.00037	-.00138	.00003	.00013	.00844
164	CCB	.00207	-.00061	-.00081	.00000	-.00002	.00026
165	CCB	.00551	.00000	-.00179	.00009	.00004	.00055
166	CCB	.01136	-.00112	-.00167	.00008	.00010	.00538
167	CCV	25.468	.48719	.47542	.48910	.49136	25.445
168	CCV	25.419	.47912	.47089	.47974	.47718	25.254
169	CCV	25.469	.49297	.47473	.48939	.49911	25.343
170	CCV	25.101	.48269	.46587	.47854	.48514	24.834
171	CCV	26.089	.49829	.47986	.49465	.50037	25.696
172	CCV	Q-.08640	Q.00166	Q.00027	Q-.00010	Q-.00263	Q-.00728
173	CCV	25.661	.48946	.47132	.48355	.48765	25.233
174	CCV	25.355	.48303	.46467	.47478	.47844	24.986
175	CCV	25.217	.48457	.47390	.48303	.49131	25.192
176	CCV	25.765	.49281	.48023	.48751	.49831	25.631
177	CCV	25.633	.49801	.46984	.48839	.49710	25.624
178	CCV	25.342	.49102	.46739	.48307	.49100	25.225
179	CCV	25.610	.49015	.47242	.49213	.49733	25.271
180	CCV	25.619	.48795	.47540	.49258	.49626	25.164
181	CCV	25.041	.48146	.46795	.47935	.48552	24.744
182	CCV	25.402	.49012	.47958	.49357	.50070	25.191
183	CCV	25.383	.48995	.47766	.49082	.49891	25.133
184	CCV	25.169	.48126	.46625	.49133	.49561	24.705
185	CCV	25.637	.48888	.47748	.49992	.50436	25.169
186	CRI	.20236	.00968	.04960	.00201	.00176	.49676
187	CRI	.21468	.00952	.04926	.00209	.00217	.51594
188	CRI	.20524	.01050	.05023	.00229	.00194	.50288
189	CRI	.20943	.00942	.04731	.00233	.00192	.49204
190	ICB	.00778	.00059	.00193	.00001	-.00011	-.00243
191	ICB	-.00671	.00035	.00201	.00002	.00001	-.00053
192	ICB	.00226	-.00064	-.00010	.00011	.00008	-.00275
193	ICSA	491.98	-.00344	.00847	.01277	.00156	484.01
194	ICSA	501.44	-.00291	.00756	.01290	.00197	496.18
195	ICSA	491.42	-.00280	.00866	.01275	.00193	490.62
196	ICSA	497.60	.00101	.00575	.01316	.00179	487.99
197	ICSAB	502.71	.09909	.00494	.52772	.48756	495.31
198	ICSAB	496.17	.10038	.00274	.51625	.48526	489.23
199	ICSAB	496.10	.10068	.00371	.51182	.48414	493.57
200	ICSAB	503.72	.10193	.00185	.53042	.49401	490.02
201	ICV	19.141	.36433	.35927	.36797	.37170	19.032
202	ICV	19.024	.36739	.35868	.36196	.37091	18.979
203	ICV	19.262	.36547	.36162	.37332	.37846	18.930
204	STD 1	4.53139	1.31411	.45743	.87015	1.58132	
205	STD 1	4.57597	1.31132	.44858	.86696	1.55342	
206	STD 1	4.58193	1.35843	.44964	.86701	1.60173	
207	STD 2	22.1338	6.61588	2.14846	4.31001	7.44016	
208	STD 2	22.3299	6.69135	2.12029	4.31655	7.3543	
209	STD 2	22.533	6.8474	2.11715	4.28634	7.60624	
210	STD 3	44.1622	13.211	4.27044	8.56642	14.6922	42.3332
211	STD 3	44.3216	13.1933	4.20627	8.36911	14.2099	42.1889
212	STD 3	45.1328	13.7779	4.23004	8.54093	15.0137	42.9009
213	STD 3 VER	50.340	1.0030	1.0009	.99930	.99469	50.548
214	STD 3 VER	49.989	1.0010	.99962	.97600	.98299	50.260
215	STD 3 VER	50.489	1.0043	1.0099	1.0034	.99816	50.040

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
108	AD570904/PB	.00043	.00002	.00028	.00011	.00020	.01181
109	AD570929	.29295	.00336	2.4190	.05385	.00055	243.35
110	AD570930	.08365	.00899	.36512	1.1405	.00027	132.83
111	AD570931	.02116	.02228	.24950	.66441	.00035	125.58
112	AD570932	.02292	.01206	.46503	.96258	.00051	162.72
113	AD570933	.01561	.00442	.05733	.64197	.00040	77.035
114	AD570934	.08114	.00012	.12154	.44334	.00022	77.587
115	AD570935	.13136	-.00115	.10612	.15533	.00038	81.676
116	AD570936	1.2774	.00016	.01407	.23924	.00030	74.181
117	AD570937	.02119	-.00064	.00143	.00066	.00019	.01619
118	AD570938	.13007	.00172	.03904	.02505	.00025	35.414
119	AD570938/L (1:5)	.03880	-.00044	.00885	.00498	.00023	7.1805
120	AD570938/PS	10.103	.20579	.23459	.22418	.19999	44.907
121	AD570939/MS	9.8907	.20431	.22901	.22059	.19586	45.893
122	AD570940/SD	9.9474	.20376	.23096	.22310	.19650	46.181
123	AD570941	.65453	-.00005	.02387	.02813	.00032	34.845
124	AD570942	.11598	.00130	.03674	.02681	.00039	38.234
125	AD570943	.14562	.00193	.25956	.09996	.00055	146.05
126	AD570944	.10511	.00262	.51101	.02830	.00058	72.231
127	AD570945	220.09	.14642	.65668	3.3531	.00577	235.56
128	AD570946	.20978	-.00032	.12246	.02620	.00295	69.723
129	AD570947/FB	9.3001	.19196	.18158	.18819	.18840	9.3665
130	AD570948/PB	.01797	-.00048	.00087	-.00007	.00012	.01218
131	AD570967	.12426	.00142	.03755	.02440	.00000	34.040
132	AD570967/L (1:5)	.05186	.00057	.00720	.00475	.00024	6.8024
133	AD570967/PS	10.028	.19995	.23335	.22353	.19612	45.037
134	AD570968/MS	9.7252	.19500	.22798	.21910	.19177	45.355
135	AD570969/SD	9.7827	.19615	.22946	.22065	.19210	45.675
136	AD570970	.12474	.00273	.03589	.02604	.00023	37.086
137	AD570971/FB	9.5236	.18914	.18681	.19315	.18944	9.5515
138	AD570972/PB	.02491	.00011	.00125	-.00004	.00012	.00648
139	AD570978/MS	10.077	.20672	.75434	.23877	.19959	87.370
140	AD570979/SD	9.9654	.20486	.75163	.23587	.19819	87.394
141	AD571094	109.33	.02442	.03129	.77480	.00496	36.638
142	AD571094/L (1:5)	23.834	.00427	.00711	.17038	.00139	8.1358
143	AD571094/PS	121.68	.37603	.36246	1.0903	.35218	53.147
144	AD571095/MD	126.33	.02529	.03113	.91000	.00518	23.878
145	AD571096/MS	119.83	.09527	.02162	4.1752	.08991	23.059
146	AD571097/CLPSL	65.133	.68204	.81887	1.3889	1.2680	38.957
147	AD571098/PB	.04407	-.00149	.00121	.00003	.00040	.02815
148	CCB	.02995	.00074	.00127	-.00003	.00021	.00330
149	CCB	.06991	.00100	.00163	.00006	.00062	.00188
150	CCB	.03117	.00068	.00092	-.00004	.00041	.01740
151	CCB	.04317	.00148	.00194	.00006	.00028	.03115
152	CCB	.05743	-.00127	.00141	.00016	.00041	.04334
153	CCB	H25.016	H.47941	H.46167	H.47451	H.47895	H24.641
154	CCB	.03191	-.00061	.00160	-.00012	.00031	-.00464
155	CCB	.03137	-.00142	.00073	-.00010	.00037	-.00053
156	CCB	.00162	-.00135	.00138	.00006	.00006	.00757
157	CCB	.02973	-.00023	.00158	-.00007	.00046	.01779
158	CCB	.01395	.00056	.00114	.00012	.00025	.02002
159	CCB	-.00277	-.00054	.00089	.00011	.00013	-.00021
160	CCB	.00115	-.00069	.00038	.00007	.00016	-.00045
161	CCB	-.00095	-.00072	.00103	.00015	.00025	.00423

Analysis Report Averages 12/14/05 09:38:12 AM page 10

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
216	STD BLK	.11408	-.03265	.02485	.00192	.08799	.02609
217	STD BLK	.14801	-.02821	.02546	.00116	.0932	.02423
218	STD BLK	.08785	-.02227	.03444	.00161	.08809	.03977

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
1	AD570786	-.00008	.00016	.00113	.00312	.07039	1.4892
2	AD570787	-.00008	.00099	.00128	.00374	.01081	2.0800
3	AD570788	-.00017	.00049	.00076	.00175	.04535	1.7465
4	AD570789	-.00004	.00043	.00105	.00132	.00985	2.3031
5	AD570790	-.00004	.00045	.00119	.00143	.00143	.72182
6	AD570791	-.00006	.00009	.00074	.00096	-.00254	.99806
7	AD570792	-.00003	.00099	.00147	.00329	.00680	3.8694
8	AD570793	-.00015	.00019	.00064	.00243	.00095	2.0877
9	AD570794	.00002	.00048	.00221	.00777	-.00018	3.6381
10	AD570795	-.00001	.00065	.00102	.00420	.00189	1.2508
11	AD570796	-.00021	.00031	.00076	.00127	-.00614	2.5347
12	AD570797	.00000	.00040	.00049	.00297	.06197	1.1224
13	AD570798	-.00004	.00037	.00087	.00341	.02861	1.4158
14	AD570799	-.00004	.00068	.00062	.00441	.06165	.98227
15	AD570800	-.00004	.00031	.00098	.00679	.00025	1.9445
16	AD570800/L (1:5)	-.00010	.00004	.00020	.00153	-.00209	.34616
17	AD570800/PS	.20594	.20806	.20694	.21829	10.473	13.133
18	AD570801	.00000	.03234	.06069	.00142	2.2843	479.11
19	AD570804/FB	.20044	.19947	.19794	.19763	9.9364	9.6810
20	AD570805/PB	-.00015	.00025	.00033	.00052	.00932	.01703
21	AD570806	-.00011	.00030	.00006	.00682	5.0725	24.716
22	AD570807	-.00011	.00161	-.00048	-.00103	7.8324	7.5362
23	AD570808	-.00015	.00084	-.00027	-.00123	.52033	1.7812
24	AD570809	-.00004	-.00031	-.00012	-.00096	.12502	1.6178
25	AD570809/L (1:5)	-.00006	-.00035	-.00025	-.00086	.02740	.30171
26	AD570809/PS	.20222	.20481	.19935	.20310	10.283	12.578
27	AD570810/MS	.19517	.19613	.19198	.19311	9.7660	12.307
28	AD570811/SD	.18851	.18850	.18452	.18537	9.4214	11.965
29	AD570812	-.00017	-.00009	.00013	-.00096	.01388	.56870
30	AD570813	.00006	-.00016	-.00024	-.00066	.01011	.16652
31	AD570814	-.00010	.00049	-.00039	-.00082	.01145	1.0966
32	AD570815	.00004	.00195	-.00019	-.00031	.00938	2.7514
33	AD570816	.00013	.00474	-.00038	.00226	.86854	4.8262
34	AD570817	.00012	.00347	-.00001	.00005	4.1885	3.0229
35	AD570818	-.00012	.00188	-.00029	.00039	.00276	4.4158
36	AD570819	-.00010	.00350	-.00009	.00220	.59449	2.0216
37	AD570820	-.00021	.01729	.00058	-.00133	8.4655	.33941
38	AD570821	-.00003	.00170	-.00051	-.00070	3.8035	2.8548
39	AD570822	-.00014	-.00014	-.00012	-.00087	3.7828	1.8600
40	AD570823	.00022	.00083	.00035	.00549	.03921	1.1574
41	AD570824/FB	.20042	.19959	.19885	.18130	9.9382	9.2631
42	AD570825/PB	-.00004	-.00047	-.00023	-.00125	.01563	-.01868
43	AD570826	.00002	-.00012	-.00018	-.00122	.28213	1.8003
44	AD570827	-.00005	-.00011	-.00013	-.00117	.01727	1.9462
45	AD570828	.02165	.02191	.02161	.02137	5.0699	3.2136
46	AD570829	-.00014	-.00017	-.00015	-.00132	.93289	1.9596
47	AD570830	-.00010	.00054	.00033	-.00016	11.588	2.4293

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
48	AD570831	.00003	.00028	.00081	.00105	3.5371	.93236
49	AD570832	-.00005	.00033	.00088	.00014	1.5364	2.6893
50	AD570833	-.00016	.00102	.00039	-.00018	5.6884	.85719
51	AD570834	-.00015	.00065	.00061	-.00020	.41069	3.4762
52	AD570835	-.00023	.00131	.00037	-.00006	2.1151	3.7269
53	AD570836	-.00018	.00010	.00042	.00209	-.01215	4.4219
54	AD570837	-.00021	.00035	.00129	.00066	-.00886	1.4818
55	AD570838	-.00004	.00044	.00143	.00047	-.00926	1.3019
56	AD570839	-.00003	.00025	.00203	.00204	.00738	1.3731
57	AD570839/L (1:5)	.00006	.00012	.00055	.00020	-.00136	.25643
58	AD570839/PS	.20206	.20173	.20299	.20654	10.230	12.289
59	AD570840/MS	.19500	.19269	.19500	.19580	9.7459	11.694
60	AD570841/SD	.19994	.19713	.19863	.19767	9.9607	11.901
61	AD570842	-.00002	.00006	.00192	.00119	.00243	1.3647
62	AD570843	-.00014	.00025	.00034	.00058	.00291	.01519
63	AD570844/FB	.18734	.18778	.18384	.18502	9.2495	10.012
64	AD570845/PB	-.00002	-.00023	-.00047	-.00093	.00445	-.00017
65	AD570846	.00006	-.00016	.00022	.00099	.01276	3.1183
66	AD570847	-.00010	.00024	.00014	-.00007	-.00910	2.7242
67	AD570848	.00010	.00045	.00024	.00818	-.01472	8.5593
68	AD570848/L (1:5)	.00006	.00006	-.00039	.00132	-.01898	1.5174
69	AD570848/PS	.20142	.20173	.20204	.22231	10.169	20.024
70	AD570849/MS	.18451	.18483	.18595	.20221	9.2526	19.105
71	AD570850/SD	.18937	.19141	.19297	.21012	9.5616	19.443
72	AD570851	-.00006	.00011	.00013	.00032	-.00870	3.6045
73	AD570852	.00002	.00016	.00054	.00054	-.00568	2.5575
74	AD570853	.00014	-.00001	.00048	.00275	-.01108	1.6113
75	AD570854	.00012	.00020	.00039	.00083	-.00918	2.1008
76	AD570855	.00000	-.00009	.00029	.00215	-.00812	2.3134
77	AD570856	.00009	-.00004	.00006	.00021	.00778	2.6623
78	AD570857	.00011	-.00004	.00147	.00136	.09426	3.0127
79	AD570858	.00006	-.00024	.00015	.00071	-.00562	4.0131
80	AD570859	.00014	-.00001	.00134	.00166	-.01236	1.0900
81	AD570860	.00000	-.00004	.00119	.00079	-.00315	1.4143
82	AD570861	.00002	-.00018	.00148	.00050	-.00846	1.3344
83	AD570862	-.00001	-.00027	.00156	.00000	-.00844	1.3784
84	AD570863	.00000	-.00036	.00317	.00039	-.00843	1.1161
85	AD570864/FB	.19322	.19497	.19440	.19599	9.6939	10.002
86	AD570865/PB	-.00002	.00012	-.00010	.00013	.03095	-.02718
87	AD570885	-.00039	.00581	.00072	.00074	73.140	2.5598
88	AD570886	-.00025	.00634	-.00068	.00068	80.236	.34988
89	AD570887	-.00007	.00780	-.00051	.00151	136.14	2.0324
90	AD570887/L (1:5)	-.00007	.00205	.00007	.00086	27.997	.39152
91	AD570887/PS	.20402	.21308	.20389	.21157	144.05	12.374
92	AD570888/MS	.19573	.20370	.19515	.20119	143.84	11.870
93	AD570889/SD	.19189	.20045	.19279	.19946	143.67	11.768
94	AD570890	-.00004	.00534	.00174	.00275	21.063	1.1917
95	AD570891	-.00007	.00274	.00172	.00202	8.9489	1.1841
96	AD570892	-.00006	.00003	.00040	.00099	.01466	4.4945
97	AD570893	.00050	.00048	.00110	.00225	.39059	.59518
98	AD570894	.00013	.00037	.00047	.00077	.01268	.36033
99	AD570895	.00011	.00005	.00136	.00060	-.00188	1.7397
100	AD570896	-.00002	-.00011	.00062	.00074	.05674	2.9796
101	AD570897	.00005	.00020	.00048	.00065	.01222	.95598

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
102	AD570898	.00030	.00029	.00055	.00143	.00688	4.4314
103	AD570899	-.00010	.00052	.00105	.00179	.12436	7.5522
104	AD570900	.00005	.00044	.00083	.00295	1.0169	7.8274
105	AD570901	.00003	.00031	.00128	.00205	.16320	2.0230
106	AD570902	.00000	.00023	.00024	.00023	.01278	2.0683
107	AD570903/FB	.20377	.20313	.20307	.20176	10.191	9.8632
108	AD570904/PB	-.00022	.00028	.00043	.00081	.00589	.01526
109	AD570929	.00029	.00206	.00400	.01399	23.378	182.06
110	AD570930	-.00010	.00191	.00006	.00035	.77619	13.272
111	AD570931	-.00016	.00093	.00009	-.00065	.11228	1.6766
112	AD570932	-.00005	.00301	-.00042	-.00024	.99826	4.1096
113	AD570933	-.00007	.00000	.00039	-.00043	-.00938	1.1770
114	AD570934	-.00007	.00005	.00056	.00030	.08519	1.5346
115	AD570935	-.00007	-.00012	.00031	-.00015	.06991	1.3180
116	AD570936	-.00007	.00076	.00133	.00070	.99030	1.3416
117	AD570937	-.00011	-.00024	.00007	-.00069	.00400	-.00606
118	AD570938	-.00004	.00000	.00089	.00363	.48496	2.2897
119	AD570938/L (1:5)	-.00015	-.00009	-.00003	.00033	.10413	.42120
120	AD570938/PS	.19985	.20284	.19939	.20680	10.555	13.421
121	AD570939/MS	.19850	.19847	.19693	.20076	10.295	13.309
122	AD570940/SD	.19757	.19838	.19683	.20257	10.260	13.414
123	AD570941	-.00008	.00031	.00079	.00689	.72073	1.8470
124	AD570942	.00011	-.00015	.00151	.01501	.19032	2.5221
125	AD570943	-.00008	-.00024	-.00025	-.00057	.03640	26.455
126	AD570944	.00002	.00022	.00068	.00581	.19388	10.987
127	AD570945	.04902	.05492	.50662	4.5916	348.56	100.30
128	AD570946	.00112	-.00050	.00757	.05829	.75443	18.121
129	AD570947/FB	.18883	.19075	.18824	.18821	9.3897	10.124
130	AD570948/PB	-.00009	-.00009	-.00037	-.00086	.00775	-.01378
131	AD570967	-.00013	-.00001	.00090	.00346	.46568	2.1587
132	AD570967/L (1:5)	-.00005	-.00003	.00010	-.00037	.09816	.41888
133	AD570967/PS	.20044	.19874	.19767	.20514	10.605	12.898
134	AD570968/MS	.19520	.19331	.19351	.19676	10.207	12.473
135	AD570969/SD	.19536	.19320	.19365	.19754	10.177	12.606
136	AD570970	.00020	.00019	.00175	.01414	.19530	2.3494
137	AD570971/FB	.19250	.19103	.19076	.19081	9.6212	9.9200
138	AD570972/PB	-.00010	-.00032	-.00004	-.00088	.00916	.00775
139	AD570978/MS	.19953	.19943	.19846	.20765	9.9698	12.727
140	AD570979/SD	.19829	.19853	.19788	.20548	9.9357	12.561
141	AD571094	-.00023	.05350	.12452	.11217	152.33	11.676
142	AD571094/L (1:5)	-.00015	.01159	.02756	.02343	34.001	2.3164
143	AD571094/PS	.34573	.40433	.47223	.47416	162.69	30.379
144	AD571095/MD	.00221	.06027	.14351	.10733	154.07	12.639
145	AD571096/MS	.08490	.93266	.47472	.55874	175.69	10.101
146	AD571097/CLPSL	2.1674	.62088	.54807	1.3073	105.44	22.241
147	AD571098/PB	.00002	-.00042	.00047	-.00116	.01155	.05348
148	CCB	-.00001	-.00008	-.00002	-.00075	.00962	.01177
149	CCB	-.00003	-.00019	.00002	-.00135	.01523	.00422
150	CCB	.00000	-.00016	-.00019	-.00025	.01203	-.01938
151	CCB	.00016	-.00008	.00003	-.00043	.02004	.00386
152	CCB	.00019	.00012	-.00015	-.00093	.01291	-.01297
153	CCB	H.47902	H.48349	H.47919	H.50088	H24.072	H26.030
154	CCB	-.00006	-.00021	-.00052	-.00112	-.00310	-.00400
155	CCB	.00005	-.00013	-.00018	-.00082	.00820	-.00415

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
156	CCB	-.00003	.00031	.00025	.00002	.00496	.00806
157	CCB	-.00007	.00011	.00006	-.00042	-.00052	-.02444
158	CCB	-.00008	.00044	.00009	.00057	.00490	.01236
159	CCB	-.00006	-.00003	.00024	.00065	.00544	.00842
160	CCB	.00000	.00035	.00009	.00062	.00343	.01043
161	CCB	.00001	-.00001	.00015	.00045	.00200	.01340
162	CCB	-.00004	-.00004	.00021	.00032	-.00192	.01681
163	CCB	.00012	.00015	.00010	-.00030	.00178	-.00994
164	CCB	.00003	.00004	-.00049	-.00051	-.00844	-.02171
165	CCB	.00024	.00004	.00005	-.00023	-.00308	-.01804
166	CCB	.00010	-.00011	.00013	-.00045	-.00644	-.02645
167	CCV	.49569	.49044	.49376	.51232	24.994	25.763
168	CCV	.49502	.48197	.48597	.50251	24.913	25.780
169	CCV	.49058	.49791	.49851	.51800	24.793	26.842
170	CCV	.48154	.48740	.48393	.50497	24.222	25.932
171	CCV	.49864	.50359	.50081	.52295	25.098	26.907
172	CCV	Q-.00001	Q.00008	Q-.00060	Q-.00129	Q.01195	Q.00533
173	CCV	.49191	.49397	.48952	.51198	24.645	26.365
174	CCV	.48966	.48925	.48207	.50291	24.426	26.227
175	CCV	.48806	.48637	.48945	.50627	24.651	25.183
176	CCV	.49834	.49458	.49710	.51274	25.111	25.815
177	CCV	.49660	.49356	.50019	.51467	25.082	24.404
178	CCV	.49096	.48803	.49293	.50866	24.766	24.127
179	CCV	.49178	.49149	.49598	.51674	24.848	24.320
180	CCV	.48848	.48968	.49435	.51762	24.739	24.347
181	CCV	.48050	.48098	.48466	.50418	24.274	24.005
182	CCV	.49352	.49372	.49847	.51825	24.885	25.541
183	CCV	.49540	.49314	.49702	.51507	24.926	25.374
184	CCV	.48517	.48807	.49321	.51465	24.598	25.449
185	CCV	.49537	.49696	.50201	.52417	25.096	25.767
186	CRI	.00085	.00380	.00374	.00898	.05504	.48243
187	CRI	.00073	.00419	.00369	.00981	.07015	.47628
188	CRI	.00096	.00436	.00383	.00957	.06516	.46593
189	CRI	.00110	.00402	.00370	.00888	.06440	.44818
190	ICB	-.00012	-.00015	.00000	-.00062	.01100	.01416
191	ICB	-.00010	.00044	-.00002	.00005	.00253	-.00228
192	ICB	.00019	.00000	.00022	-.00016	.00031	-.00388
193	ICSA	.00072	.00120	-.00677	-.00069	186.30	-.00178
194	ICSA	.00088	.00103	-.00676	-.00021	190.18	-.03059
195	ICSA	-.00008	.00152	-.00670	-.00113	188.34	-.01570
196	ICSA	.00443	.00120	-.00655	.00123	189.52	-.03535
197	ICSAB	.92060	.45320	.47064	.50959	94.049	.00792
198	ICSAB	.91347	.45532	.46876	.50555	92.855	-.05348
199	ICSAB	.92604	.45216	.46507	.49624	93.761	-.01946
200	ICSAB	.91826	.45671	.47494	.51427	94.208	-.04531
201	ICV	.37033	.36800	.37143	.38529	18.680	19.215
202	ICV	.37023	.36713	.36885	.37896	18.651	19.394
203	ICV	.36890	.37261	.37583	.39182	18.746	19.253
204	STD 1	2.31062	.9499	.77835	.49455	.8325	
205	STD 1	2.31018	.95658	.77436	.49234	.82453	
206	STD 1	2.21244	.97051	.78393	.50866	.81167	
207	STD 2	11.2288	4.68013	3.80128	2.44762	4.07799	
208	STD 2	11.2581	4.7401	3.80654	2.4625	4.06711	
209	STD 2	10.9693	4.83525	3.87745	2.49892	4.04069	

Analysis Report Averages 12/14/05 09:38:12 AM page 14

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
210	STD 3	22.2127	9.29385	7.56307	4.87726	8.0948	134.84
211	STD 3	22.3345	9.30143	7.42017	4.82485	8.01098	138.328
212	STD 3	22.0045	9.63793	7.71584	4.98129	8.05052	131.961
213	STD 3 VER	.99607	.99551	.99749	1.0017	49.824	50.989
214	STD 3 VER	.99907	.98710	.98439	.98228	49.641	51.446
215	STD 3 VER	.99569	.99802	.99988	1.0095	49.866	51.068
216	STD BLK	.00463	-.00555	.00671	.00177	-.00177	-.0311
217	STD BLK	.0048	-.00951	.00387	-.00502	-.00123	-.02807
218	STD BLK	.00451	-.00556	.00484	.01113	-.00032	.00493

#	Sample Name	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
1	AD570786	36.080	.01124	53.446	.00091	-.00120	-.00062
2	AD570787	71.753	.03982	37.066	.00216	.00078	.00064
3	AD570788	33.401	.00462	82.832	.00100	-.00040	.00159
4	AD570789	52.058	.00623	50.445	.00121	.00025	.00117
5	AD570790	61.584	.00073	22.798	.00131	.00094	.00060
6	AD570791	45.142	.00219	47.948	.00074	-.00021	-.00011
7	AD570792	124.36	.13030	101.83	.00429	.00070	-.00019
8	AD570793	54.849	.01358	49.174	.00094	.00046	-.00044
9	AD570794	179.52	.02752	65.619	.00530	.00030	.00066
10	AD570795	28.252	.00759	58.403	.00091	-.00048	.00032
11	AD570796	66.733	.00151	92.862	.00168	.00118	.00159
12	AD570797	11.955	.00334	86.193	.00049	.00009	.00156
13	AD570798	17.748	.00106	102.58	.00078	.00106	.00011
14	AD570799	9.3662	.01347	73.345	.00090	.00137	-.00038
15	AD570800	24.829	.02042	144.41	.00158	.00252	-.00079
16	AD570800/L (1:5)	4.8744	.00396	28.468	.00016	.00061	.00028
17	AD570800/PS	34.007	.22336	150.44	.20807	.20619	.20600
18	AD570801	114.51	.04110	H1127.4	.87198	.00080	.00101
19	AD570804/FB	9.9165	.19652	10.137	.19779	.20123	.19871
20	AD570805/PB	-.00025	-.00002	.03964	.00031	.00089	-.00093
21	AD570806	25.733	.66298	73.510	.00102	.00007	.00124
22	AD570807	11.406	2.7718	17.598	.00263	.00155	-.00076
23	AD570808	4.9475	.37463	9.4901	.00135	-.00261	.00336
24	AD570809	3.1320	.13499	20.418	.00069	-.00116	.00054
25	AD570809/L (1:5)	.64053	.02727	4.1362	-.00046	.00082	.00068
26	AD570809/PS	13.014	.32688	30.120	.20093	.20253	.20322
27	AD570810/MS	12.749	.32431	30.354	.19318	.19695	.19788
28	AD570811/SD	12.223	.31106	29.285	.18581	.18946	.18919
29	AD570812	.29971	.00089	3.2433	-.00052	-.00110	.00121
30	AD570813	.19804	.01990	1.9310	.00022	-.00144	.00024
31	AD570814	1.0812	.01137	5.3568	.00345	-.00177	.00054
32	AD570815	1.0611	.06111	2.8879	.00176	-.00160	.00141
33	AD570816	76.476	.28786	42.065	.02159	-.00041	-.00036
34	AD570817	34.559	.10549	6.5840	.00560	.00011	.00063
35	AD570818	35.180	.00430	3.8356	.00098	-.00258	.00024
36	AD570819	68.790	.14051	59.208	.01671	.00006	.00000
37	AD570820	55.879	.30017	36.447	.01080	.00292	.00545
38	AD570821	33.734	.31246	6.8565	.00311	-.00057	.00029
39	AD570822	49.195	.18469	18.810	.00615	.00014	-.00003
40	AD570823	52.933	.00276	13.657	.00334	-.00135	.00089
41	AD570824/FB	9.8789	.19367	9.2288	.19790	.20590	.20256

Analysis Report Averages 12/14/05 09:38:12 AM page 15

#	Sample Name	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
42	AD570825/PB	.00963	.00002	-.09397	-.00020	-.00056	.00210
43	AD570826	22.324	.05231	8.6659	.00010	-.00073	.00046
44	AD570827	40.330	.25655	10.346	-.00032	-.00087	.00068
45	AD570828	89.991	.28521	10.422	.02105	.02001	.02205
46	AD570829	43.441	.06032	8.0495	.00021	-.00012	.00118
47	AD570830	92.182	.22359	9.6782	.00063	-.00040	-.00010
48	AD570831	33.812	.15458	8.0712	.00075	.00087	.00075
49	AD570832	62.667	.39656	61.449	.00091	.00112	.00074
50	AD570833	56.144	.23341	25.532	.00120	.00047	.00048
51	AD570834	41.415	.70701	24.787	.00171	.00109	.00093
52	AD570835	57.207	1.0223	29.661	.00338	-.00030	.00068
53	AD570836	88.346	.00193	14.359	.00151	.00066	.00115
54	AD570837	52.738	-.00003	4.7640	.00092	.00082	.00068
55	AD570838	40.352	.00003	4.6944	.00025	-.00034	.00219
56	AD570839	45.796	.00035	4.7274	.00058	.00080	-.00031
57	AD570839/L (1:5)	9.2653	.00001	.91379	.00002	.00021	.00026
58	AD570839/PS	55.462	.20152	15.469	.19879	.20292	.20274
59	AD570840/MS	56.438	.19499	14.910	.19169	.19710	.19563
60	AD570841/SD	56.702	.19828	15.095	.19487	.19904	.19932
61	AD570842	42.706	.00007	2.6661	.00007	.00068	.00144
62	AD570843	.07565	.00005	-.01737	-.00002	.00012	.00058
63	AD570844/FB	9.1622	.18215	9.4733	.18328	.18956	.19037
64	AD570845/PB	.00559	.00000	-.04091	-.00018	-.00191	.00012
65	AD570846	108.10	.02863	30.695	.00080	-.00070	-.00054
66	AD570847	71.827	.03366	25.066	.00078	-.00060	-.00033
67	AD570848	178.38	.29975	19.289	.01227	-.00166	-.00157
68	AD570848/L (1:5)	35.025	.06005	3.7076	.00203	.00030	-.00027
69	AD570848/PS	184.72	.49425	29.833	.21123	.20403	.20379
70	AD570849/MS	179.28	.47223	28.706	.19521	.18796	.18895
71	AD570850/SD	181.72	.48354	29.223	.20059	.19267	.19594
72	AD570851	94.975	.01587	25.430	.00103	.00024	-.00095
73	AD570852	82.471	.00560	27.024	.00040	.00034	-.00163
74	AD570853	69.324	.00129	13.179	.00136	.00034	-.00130
75	AD570854	80.061	.02948	16.532	.00142	-.00070	-.00141
76	AD570855	51.153	.00865	7.5027	.00220	.00022	-.00096
77	AD570856	64.562	.02070	14.023	.00057	-.00042	-.00089
78	AD570857	62.943	.00313	9.9592	.00080	.00078	-.00140
79	AD570858	74.106	.02142	19.524	.00068	.00025	-.00119
80	AD570859	61.375	.00076	7.2581	.00080	.00089	-.00213
81	AD570860	51.446	.00014	6.0922	.00114	-.00092	-.00133
82	AD570861	42.945	.00000	5.1954	.00093	-.00037	-.00068
83	AD570862	42.075	.00004	6.5866	.00049	.00043	-.00129
84	AD570863	49.829	-.00001	3.3526	.00010	-.00052	-.00048
85	AD570864/FB	9.6482	.19415	9.9416	.19510	.19788	.19765
86	AD570865/PB	.00554	.00023	-.03010	-.00002	-.00129	.00124
87	AD570885	22.795	2.2664	16.083	.00084	.00301	.00214
88	AD570886	18.630	2.1893	12.399	.00058	.00183	.00161
89	AD570887	12.049	2.4337	5.9788	.00292	.00305	.00342
90	AD570887/L (1:5)	2.4576	.50053	1.3417	.00009	.00125	.00010
91	AD570887/PS	22.101	2.5897	16.517	.20568	.20881	.20518
92	AD570888/MS	21.728	2.5969	16.105	.19738	.20001	.19880
93	AD570889/SD	21.628	2.6006	16.113	.19532	.19875	.19578
94	AD570890	19.820	2.2452	25.028	.00316	.00441	.00197
95	AD570891	14.895	.76532	66.114	.00297	.00233	.00012

#	Sample Name	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
96	AD570892	5.9099	.19343	3.3893	.00021	.00236	.00183
97	AD570893	3.2348	.00968	5.9802	.00279	.00140	.00027
98	AD570894	.44735	.00401	1.6658	.00068	-.00024	.00119
99	AD570895	14.695	.00042	10.129	.00135	-.00005	.00149
100	AD570896	3.0712	.05257	13.197	.00029	.00050	-.00029
101	AD570897	8.2019	.00107	7.7679	.00049	.00108	.00009
102	AD570898	7.3316	.02918	5.7828	.00031	-.00071	.00171
103	AD570899	16.714	.13888	6.3325	.00300	.00193	.00064
104	AD570900	12.479	.20958	7.8499	.00065	-.00055	-.00099
105	AD570901	11.419	.00509	4.9551	.00126	.00020	.00185
106	AD570902	3.9635	.02988	6.5403	-.00002	.00049	.00065
107	AD570903/FB	10.103	.20088	10.416	.20381	.20505	.20431
108	AD570904/PB	.00216	-.00005	.01083	.00008	.00162	-.00009
109	AD570929	52.822	1.8322	280.55	.01976	.00889	.01300
110	AD570930	48.333	4.1095	72.793	.01329	-.00117	-.00019
111	AD570931	49.573	1.9843	28.838	.00347	-.00113	.00028
112	AD570932	42.921	8.5973	39.730	.00355	.00179	.00063
113	AD570933	53.513	.00149	19.222	-.00008	-.00209	-.00018
114	AD570934	31.006	.00751	10.296	.00032	-.00113	.00141
115	AD570935	18.568	.14887	15.014	.00096	-.00055	-.00073
116	AD570936	8.3386	.08189	9.5731	.00135	-.00190	.00144
117	AD570937	.00478	.00012	-.09467	-.00030	-.00071	.00111
118	AD570938	7.9820	.00980	25.484	.02149	.00139	.00371
119	AD570938/L (1:5)	1.6250	.00195	4.9788	.00385	-.00040	.00042
120	AD570938/PS	17.730	.20379	35.124	.21990	.20530	.20395
121	AD570939/MS	17.828	.20177	35.676	.21806	.20507	.20491
122	AD570940/SD	17.928	.20232	36.278	.21952	.20391	.20423
123	AD570941	8.8195	.02849	11.526	.00154	-.00003	.00203
124	AD570942	8.7625	.00573	41.537	.01779	.00047	.00150
125	AD570943	1.2491	.00257	357.16	.00072	.00047	-.00051
126	AD570944	24.787	.08646	236.09	.00311	-.00068	.00033
127	AD570945	83.968	1.8230	228.95	.27281	.44675	.46562
128	AD570946	27.587	.04575	94.502	.00439	.02906	-.01029
129	AD570947/FB	9.3247	.18490	9.4482	.18914	.19615	.19580
130	AD570948/PB	.00986	.00010	-.01633	.00003	-.00145	.00001
131	AD570967	7.6178	.00952	24.694	.01975	.00219	.00362
132	AD570967/L (1:5)	1.5203	.00189	4.7919	.00382	.00022	.00090
133	AD570967/PS	17.553	.20383	35.066	.21732	.20007	.19815
134	AD570968/MS	17.476	.20061	35.404	.21326	.19743	.19682
135	AD570969/SD	17.550	.20068	35.797	.21336	.19676	.19692
136	AD570970	8.3811	.00553	40.341	.01724	.00019	.00196
137	AD570971/FB	9.4207	.18916	9.6833	.19102	.19297	.19305
138	AD570972/PB	.00258	-.00004	-.16739	-.00017	-.00022	.00038
139	AD570978/MS	33.771	.21762	150.12	.19995	.20113	.19904
140	AD570979/SD	33.690	.21651	149.45	.19889	.19814	.19873
141	AD571094	27.297	8.5310	1.9364	.10667	.09136	.09797
142	AD571094/L (1:5)	6.0447	1.9406	.37776	.02396	.01958	.02411
143	AD571094/PS	44.136	8.6546	19.756	.44889	.43969	.44696
144	AD571095/MD	26.574	3.9698	2.4659	.12428	.08118	.09249
145	AD571096/MS	26.593	7.7213	2.2480	.96954	.16066	.17003
146	AD571097/CLPSL	18.915	2.6363	3.8031	.45620	.67709	.67791
147	AD571098/PB	.00153	.00011	-.07986	-.00101	.00214	.00039
148	CCB	.00902	-.00001	.05308	.00002	-.00006	.00083
149	CCB	.01357	.00007	-.04387	-.00026	-.00013	.00093

Analysis Report Averages 12/14/05 09:38:12 AM page 17

#	Sample Name	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
150	CCB	.02077	.00014	-.02697	-.00058	.00220	-.00019
151	CCB	.03379	.00025	-.03721	-.00051	.00117	-.00001
152	CCB	.03629	.00030	-.02296	-.00011	-.00053	.00087
153	CCB	H24.227	H.48318	H24.132	H.48191	.48249	.48965
154	CCB	-.00007	.00000	-.09289	-.00057	-.00048	.00012
155	CCB	.00424	.00000	-.03878	-.00005	.00113	-.00023
156	CCB	.00456	-.00005	-.10124	-.00018	.00036	.00139
157	CCB	.01010	-.00008	-.05295	.00019	.00185	.00108
158	CCB	.01386	-.00003	.04841	.00029	.00092	.00053
159	CCB	-.00392	-.00007	-.03040	-.00025	-.00029	.00100
160	CCB	-.00142	-.00005	.11580	.00013	.00261	-.00041
161	CCB	.00281	.00003	.09585	-.00022	.00141	.00025
162	CCB	.00626	.00000	.02456	-.00003	.00074	.00104
163	CCB	.00992	.00004	.05236	.00013	.00156	-.00031
164	CCB	-.00095	-.00002	.04252	.00021	.00055	-.00148
165	CCB	.00305	-.00001	.01557	.00006	.00110	-.00170
166	CCB	.00977	.00003	.05214	.00006	.00292	-.00044
167	CCV	24.742	.50050	24.867	.49608	.49608	.48964
168	CCV	24.346	.48967	24.404	.48645	.48439	.48078
169	CCV	24.822	.49828	24.941	.49989	.50189	.50122
170	CCV	24.465	.48836	24.274	.48637	.48764	.48647
171	CCV	25.274	.50385	25.133	.50351	.50409	.50460
172	CCV	Q.00059	Q-.00009	Q-.04920	Q.00008	-.00160	.00134
173	CCV	24.715	.49422	24.676	.48954	.49678	.49421
174	CCV	24.345	.48702	24.291	.48482	.48847	.48525
175	CCV	24.872	.50284	24.954	.49060	.48926	.49199
176	CCV	25.333	.50947	25.250	.49901	.49840	.49533
177	CCV	25.227	.50490	25.315	.50141	.49851	.49569
178	CCV	24.897	.49829	25.054	.49461	.49239	.48745
179	CCV	25.114	.50301	25.416	.49780	.49193	.49301
180	CCV	24.867	.50197	25.343	.49517	.49118	.48979
181	CCV	24.449	.49173	24.775	.48563	.48303	.47802
182	CCV	24.985	.50670	25.180	.50010	.50130	.49764
183	CCV	24.937	.50515	24.935	.50035	.49872	.49852
184	CCV	24.690	.49926	25.035	.49179	.48807	.49117
185	CCV	25.183	.50800	25.443	.50240	.50048	.49973
186	CRI	.19426	.00284	.87810	.00921	.00397	.00539
187	CRI	.20172	.00342	1.0443	.01002	.00448	.00400
188	CRI	.19742	.00380	.95322	.00944	.00647	.00522
189	CRI	.19680	.00380	.94646	.01014	.00558	.00456
190	ICB	.00163	.00003	-.06503	-.00054	.00014	.00034
191	ICB	.00309	.00000	-.11159	-.00016	-.00233	.00088
192	ICB	.00099	.00002	.00513	.00011	.00181	-.00128
193	ICSA	478.27	-.00444	-.06927	-.00031	-.03585	.02182
194	ICSA	487.42	-.00401	.03286	.00002	-.03042	.01932
195	ICSA	487.18	-.00486	-.10011	.00000	-.02856	.01908
196	ICSA	488.42	-.00285	-.05974	.00046	-.02800	.01823
197	ICSAB	483.45	.47249	-.03372	.92765	.00964	.06844
198	ICSAB	479.06	.46295	-.03611	.92289	.01439	.06580
199	ICSAB	486.36	.47297	.06338	.92039	.01661	.06260
200	ICSAB	487.50	.47886	.07130	.93421	.01721	.06780
201	ICV	18.730	.37701	18.615	.37342	.37248	.37048
202	ICV	18.788	.37791	18.580	.37214	.37208	.37113
203	ICV	18.869	.38263	18.939	.37739	.37686	.37489

Analysis Report Averages 12/14/05 09:38:12 AM page 18

#	Sample Name	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
204	STD 1		.46916		.73373	.66548	3.4877
205	STD 1		.4561		.7274	.66001	3.44553
206	STD 1		.4711		.72858	.65983	3.61319
207	STD 2		2.30887		3.63681	3.12641	17.2369
208	STD 2		2.26187		3.61978	3.14924	17.2372
209	STD 2		2.33552		3.65854	3.16683	17.9014
210	STD 3	21.2735	4.58945	2.50743	7.21742	6.16266	33.9142
211	STD 3	20.8422	4.46893	2.45838	7.05683	6.12262	33.7562
212	STD 3	21.666	4.6501	2.48506	7.28159	6.31036	35.6609
213	STD 3 VER	50.275	.99697	50.802	.99202	1.0027	.98681
214	STD 3 VER	50.155	.99125	50.314	.98267	.98802	.98581
215	STD 3 VER	50.131	1.0008	51.028	.99541	.99263	.99872
216	STD BLK	.00416	.001	.00339	-.0142	.03519	-.03373
217	STD BLK	.00518	.00108	.00194	-.01672	.03107	-.03155
218	STD BLK	.00556	.00112	.00379	-.01322	.02242	.02154

#	Sample Name	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
1	AD570786	-.00081	.00372	-.00112	.00396	.00361	.00255
2	AD570787	.00069	.00111	-.00029	.00298	.00018	.00062
3	AD570788	.00092	.00272	-.00187	.00552	.00132	.00128
4	AD570789	.00086	.00079	.00027	.00449	-.00105	.00055
5	AD570790	.00071	-.00001	-.00185	.00144	-.00073	.00038
6	AD570791	-.00014	.00000	-.00160	-.00003	.00002	.00029
7	AD570792	.00010	.00133	-.00073	.00363	.00019	.00055
8	AD570793	-.00013	.00280	-.00120	.00201	.00319	.00029
9	AD570794	.00054	.00283	.00192	.00457	.00196	.00033
10	AD570795	.00005	-.00125	-.00006	.00000	-.00189	.00031
11	AD570796	.00145	.00208	.00149	.00487	.00068	.00044
12	AD570797	.00107	.00247	-.00195	.00540	.00101	.00151
13	AD570798	.00043	.00023	-.00115	.00116	-.00023	.00127
14	AD570799	.00020	.00115	-.00032	.00227	.00059	.00223
15	AD570800	.00030	.00395	-.00295	.00961	.00113	.00008
16	AD570800/L (1:5)	.00039	.00212	-.00101	.00178	.00229	.00002
17	AD570800/PS	.20606	.21202	.20727	.21695	.20955	.21141
18	AD570801	.00094	.00511	.00078	.00978	.00277	.04678
19	AD570804/FB	.19955	.19498	.20275	.19968	.19263	.19882
20	AD570805/PB	-.00032	.00226	-.00089	.00603	.00037	.00018
21	AD570806	.00085	-.00027	-.00164	-.00566	.00242	.00203
22	AD570807	.00000	.00080	.00129	.00285	-.00022	-.00074
23	AD570808	.00137	-.00001	.00383	-.00709	.00352	.00147
24	AD570809	-.00002	.00097	.00046	.00082	.00104	-.00012
25	AD570809/L (1:5)	.00072	.00036	.00073	.00247	-.00069	-.00016
26	AD570809/PS	.20299	.20175	.20203	.20552	.19986	.20458
27	AD570810/MS	.19757	.19697	.19983	.20001	.19545	.19499
28	AD570811/SD	.18928	.18829	.19072	.19194	.18646	.18763
29	AD570812	.00044	-.00060	.00007	.00103	-.00142	.00020
30	AD570813	-.00031	-.00006	.00115	.00148	-.00084	.00000
31	AD570814	-.00022	.00028	.00132	.00156	-.00036	.00019
32	AD570815	.00040	.00082	-.00014	.00200	.00022	.00008
33	AD570816	-.00037	.00216	-.00078	.00380	.00133	-.00005
34	AD570817	.00046	-.00110	-.00157	.00159	-.00244	.00013
35	AD570818	-.00069	-.00064	.00143	.00216	-.00205	.00009

#	Sample Name	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
36	AD570819	.00002	.00004	-.00006	.00057	-.00022	.00006
37	AD570820	.00461	.00029	-.00004	.00230	-.00071	.00016
38	AD570821	.00000	.00154	-.00059	.00276	.00093	-.00013
39	AD570822	.00002	-.00017	.00114	.00366	-.00208	-.00003
40	AD570823	.00014	.00099	.00052	.00277	.00010	.00007
41	AD570824/FB	.20367	.18826	.19392	.18769	.18855	.19301
42	AD570825/PB	.00121	-.00042	-.00147	-.00203	.00038	-.00097
43	AD570826	.00006	-.00238	.00039	.00072	-.00393	.00013
44	AD570827	.00016	-.00056	-.00111	-.00199	.00014	.00022
45	AD570828	.02137	.02212	.02359	.02026	.02306	.02265
46	AD570829	.00074	.00028	-.00025	.00468	-.00191	.00006
47	AD570830	-.00020	.00264	.00125	.00229	.00281	.00020
48	AD570831	.00079	.00331	.00019	.00200	.00397	.00011
49	AD570832	.00087	.00167	.00166	.00415	.00042	-.00010
50	AD570833	.00048	.00283	.00014	.00183	.00333	.00001
51	AD570834	.00098	.00108	.00027	.00249	.00037	-.00007
52	AD570835	.00035	.00030	.00003	.00058	.00016	.00000
53	AD570836	.00099	.00146	-.00331	.00287	.00076	-.00022
54	AD570837	.00073	.00324	-.00220	.00650	.00160	-.00018
55	AD570838	.00134	.00357	.00050	.00339	.00366	.00004
56	AD570839	.00005	.00187	-.00185	.00402	.00079	.00007
57	AD570839/L (1:5)	.00025	.00372	-.00099	.00372	.00372	.00001
58	AD570839/PS	.20280	.20541	.20229	.20254	.20685	.20662
59	AD570840/MS	.19612	.19856	.19964	.20174	.19698	.19681
60	AD570841/SD	.19923	.20298	.20298	.20725	.20084	.19982
61	AD570842	.00118	.00132	.00151	.00136	.00130	.00031
62	AD570843	.00042	.00100	-.00019	.00154	.00073	.00016
63	AD570844/FB	.19010	.18826	.18799	.18916	.18781	.18723
64	AD570845/PB	-.00055	.00150	.00149	.00418	.00016	.00005
65	AD570846	-.00060	-.00090	-.00186	-.00286	.00007	.00057
66	AD570847	-.00042	.00025	.00001	-.00309	.00193	.00036
67	AD570848	-.00160	.00266	.00187	.00262	.00269	.00027
68	AD570848/L (1:5)	-.00007	.00076	-.00089	-.00265	.00247	.00004
69	AD570848/PS	.20387	.21363	.20800	.21579	.21255	.20961
70	AD570849/MS	.18862	.19345	.19364	.19748	.19143	.19111
71	AD570850/SD	.19485	.20186	.19648	.20316	.20122	.19824
72	AD570851	-.00055	.00370	-.00189	.00205	.00452	.00015
73	AD570852	-.00097	.00032	-.00051	-.00170	.00133	.00033
74	AD570853	-.00075	.00180	.00039	-.00134	.00338	.00015
75	AD570854	-.00117	.00414	.00120	.00117	.00563	.00043
76	AD570855	-.00056	.01496	-.00189	.01638	.01426	.00016
77	AD570856	-.00073	-.00073	.00064	-.00113	-.00053	.00024
78	AD570857	-.00067	.00063	-.00086	-.00028	.00108	.00577
79	AD570858	-.00070	-.00081	.00073	-.00188	-.00027	.00030
80	AD570859	-.00112	.00327	-.00114	.00291	.00345	.00027
81	AD570860	-.00120	.00192	-.00062	-.00095	.00336	.00034
82	AD570861	-.00058	.00065	-.00203	-.00072	.00135	.00023
83	AD570862	-.00071	.00192	-.00184	-.00023	.00300	.00016
84	AD570863	-.00050	.00168	-.00084	-.00131	.00318	.00018
85	AD570864/FB	.19773	.19612	.19318	.19994	.19421	.19541
86	AD570865/PB	.00040	.00137	-.00044	-.00059	.00235	.00012
87	AD570885	.00243	.00410	.00098	.00056	.00587	.01457
88	AD570886	.00168	.00577	-.00020	.00294	.00719	.00075
89	AD570887	.00329	.00645	-.00040	-.00135	.01035	.01491

#	Sample Name	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
90	AD570887/L (1:5)	.00049	.00312	-.00096	.00425	.00256	.00407
91	AD570887/PS	.20639	.20869	.20675	.20658	.20975	.22360
92	AD570888/MS	.19920	.20109	.19807	.19558	.20385	.21245
93	AD570889/SD	.19676	.19814	.19447	.19171	.20136	.21147
94	AD570890	.00278	.00231	-.00149	.00492	.00100	.04511
95	AD570891	.00086	.00013	.00117	.00082	-.00020	.03124
96	AD570892	.00201	.00212	-.00219	.00469	.00084	.00034
97	AD570893	.00065	.00175	-.00058	.00063	.00232	.01307
98	AD570894	.00071	.00192	.00119	.00472	.00052	.00035
99	AD570895	.00097	.00264	-.00042	.00296	.00248	.00022
100	AD570896	-.00002	.00156	.00059	.00266	.00100	.00024
101	AD570897	.00042	.00013	-.00150	.00416	-.00188	.00049
102	AD570898	.00090	-.00039	-.00067	-.00013	-.00051	.00018
103	AD570899	.00107	.00169	.00001	.00387	.00060	.00480
104	AD570900	-.00085	.00149	-.00033	.00495	-.00023	.00066
105	AD570901	.00130	.00466	-.00255	.00580	.00410	.00974
106	AD570902	.00060	.00207	.00040	.00520	.00051	.00023
107	AD570903/FB	.20456	.20299	.20309	.20379	.20259	.20386
108	AD570904/PB	.00047	.00304	-.00098	.00726	.00093	.00025
109	AD570929	.01163	.00644	.00636	.00319	.00806	.01853
110	AD570930	-.00052	-.00104	-.00205	.00096	-.00205	.00202
111	AD570931	-.00018	.00346	.00009	.00432	.00303	-.00003
112	AD570932	.00101	.00185	-.00255	.00253	.00152	.00016
113	AD570933	-.00082	.00144	-.00102	.00169	.00132	-.00013
114	AD570934	.00056	-.00051	-.00025	-.00097	-.00027	.00134
115	AD570935	-.00067	-.00025	.00068	.00096	-.00086	.00243
116	AD570936	.00032	-.00124	.00107	.00008	-.00190	.03553
117	AD570937	.00050	-.00002	-.00138	.00065	-.00036	.00003
118	AD570938	.00294	-.00006	.00209	-.00057	.00019	.00176
119	AD570938/L (1:5)	.00014	.00019	-.00056	.00164	-.00052	.00076
120	AD570938/PS	.20440	.20077	.19936	.20192	.20020	.20534
121	AD570939/MS	.20496	.20023	.20132	.20422	.19824	.19981
122	AD570940/SD	.20412	.19906	.20206	.20040	.19839	.20025
123	AD570941	.00134	-.00005	-.00140	.00009	-.00012	.01282
124	AD570942	.00116	.00015	.00051	.00175	-.00064	.00165
125	AD570943	-.00018	.00101	.00137	.00517	-.00106	.00006
126	AD570944	.00000	.00475	.00009	.00585	.00420	.00076
127	AD570945	.45933	.15776	.34789	.15408	.15960	1.6048
128	AD570946	.00280	-.00038	.01362	.01345	-.00730	.00250
129	AD570947/FB	.19592	.19001	.18836	.19233	.18885	.18934
130	AD570948/PB	-.00047	.00096	-.00018	.00173	.00058	-.00003
131	AD570967	.00315	.00120	.00193	.00422	-.00030	.00158
132	AD570967/L (1:5)	.00067	.00093	.00014	.00322	-.00020	.00078
133	AD570967/PS	.19879	.19944	.20153	.20708	.19563	.20466
134	AD570968/MS	.19703	.19550	.20094	.19690	.19480	.19730
135	AD570969/SD	.19687	.19622	.20032	.20100	.19384	.19774
136	AD570970	.00137	.00326	.00171	.00409	.00284	.00201
137	AD570971/FB	.19302	.19110	.19576	.19588	.18871	.19336
138	AD570972/PB	.00018	-.00166	.00045	.00094	-.00297	-.00002
139	AD570978/MS	.19974	.20373	.20280	.20969	.20075	.20139
140	AD570979/SD	.19854	.19841	.20283	.20173	.19675	.20027
141	AD571094	.09577	.00817	.00279	.00181	.01134	1.9358
142	AD571094/L (1:5)	.02261	-.00238	.00063	-.00483	-.00116	.40096
143	AD571094/PS	.44453	.34852	.34133	.33738	.35409	2.1508

Analysis Report Averages 12/14/05 09:38:12 AM page 21

#	Sample Name	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
144	AD571095/MD	.08872	.00816	-.00086	.00194	.01127	2.0983
145	AD571096/MS	.16691	.09009	.09001	.07529	.09749	1.6849
146	AD571097/CLPSL	.67763	.74675	.76099	.74517	.74755	2.5911
147	AD571098/PB	.00098	.00108	.00366	-.00157	.00241	.00015
148	CCB	.00053	.00000	.00261	.00043	-.00021	-.00012
149	CCB	.00058	.00013	.00213	.00356	-.00157	.00010
150	CCB	.00060	.00126	.00240	-.00161	.00271	-.00001
151	CCB	.00037	.00259	.00251	.00299	.00240	.00017
152	CCB	.00040	-.00138	.00306	.00138	-.00276	.00012
153	CCB	H.48727	H.48815	H.48576	.48490	.48978	H.49651
154	CCB	-.00007	-.00025	.00038	.00127	-.00102	-.00014
155	CCB	.00022	-.00206	.00142	-.00255	-.00181	-.00002
156	CCB	.00105	.00125	.00243	.00248	.00063	.00002
157	CCB	.00133	.00098	-.00004	.00253	.00020	-.00005
158	CCB	.00066	-.00028	-.00047	.00124	-.00104	.00020
159	CCB	.00057	.00306	-.00044	.00629	.00144	.00025
160	CCB	.00059	.00215	.00186	.00385	.00130	.00010
161	CCB	.00063	.00065	.00172	.00087	.00055	.00000
162	CCB	.00094	-.00150	.00002	-.00216	-.00117	.00003
163	CCB	.00031	.00186	-.00244	-.00034	.00297	.00020
164	CCB	-.00080	.00193	-.00064	.00152	.00214	.00012
165	CCB	-.00076	.00040	.00105	-.00367	.00244	.00017
166	CCB	.00068	-.00031	-.00053	-.00096	.00001	.00008
167	CCV	.49178	.50690	.50382	.51197	.50438	.51020
168	CCV	.48198	.50033	.50838	.50631	.49735	.50706
169	CCV	.50144	.50061	.49810	.50231	.49977	.50966
170	CCV	.48686	.48738	.48829	.48765	.48725	.49923
171	CCV	.50443	.50558	.50852	.50529	.50574	.51735
172	CCV	Q.00036	Q-.00071	Q.00023	.00697	-.00455	Q.00015
173	CCV	.49507	.49830	.49755	.49848	.49822	.50859
174	CCV	.48632	.49398	.49351	.49571	.49312	.50254
175	CCV	.49108	.49395	.49506	.49446	.49370	.50431
176	CCV	.49635	.49956	.50351	.50771	.49549	.51260
177	CCV	.49663	.50493	.50355	.50882	.50299	.51221
178	CCV	.48909	.49403	.49972	.49815	.49197	.50632
179	CCV	.49265	.49433	.50315	.49744	.49278	.50995
180	CCV	.49026	.49606	.50174	.49445	.49687	.50891
181	CCV	.47969	.48357	.49124	.49405	.47834	.49718
182	CCV	.49886	.50216	.49787	.50226	.50211	.51057
183	CCV	.49859	.50216	.49437	.50409	.50120	.50925
184	CCV	.49014	.49189	.48584	.49539	.49015	.50630
185	CCV	.49998	.50053	.49686	.50683	.49739	.51567
186	CRI	.00492	.01600	.01892	.01501	.01650	.00508
187	CRI	.00416	.01520	.02058	.01673	.01444	.00567
188	CRI	.00564	.01703	.01776	.02065	.01522	.00530
189	CRI	.00490	.01544	.01827	.01488	.01571	.00538
190	ICB	.00028	-.00065	.00155	-.00069	-.00063	.00007
191	ICB	-.00018	.00077	-.00128	.00032	.00099	.00019
192	ICB	-.00025	-.00007	.00032	-.00278	.00128	.00024
193	ICSA	.00261	.00031	.00357	-.00664	.00379	.00096
194	ICSA	.00275	.00411	.00174	-.00141	.00688	.00100
195	ICSA	.00321	.00326	.00455	-.00464	.00721	.00096
196	ICSA	.00284	.00761	-.00328	-.00573	.01428	.00122
197	ICSAB	.04886	.05123	.62091	.05136	.05116	.00064

#	Sample Name	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
30	AD570813	.00305	-.00031	.00287	-.00096	.00032	.00068
31	AD570814	.00299	-.00016	.00188	-.00050	.00096	.00098
32	AD570815	.00039	-.00008	.00833	-.00246	.00088	.00043
33	AD570816	.00166	-.00018	.36002	-.00102	.00041	.00226
34	AD570817	.00258	-.00026	.00390	-.00061	.00077	.00058
35	AD570818	.00280	.00093	.00130	-.00269	.00080	.00119
36	AD570819	.00189	-.00009	.00063	-.00329	.00014	.00329
37	AD570820	.00358	.00017	.00860	-.00193	.00073	.00181
38	AD570821	.00191	.00052	.01426	-.00150	.00040	.00378
39	AD570822	.00079	-.00002	.00292	-.00226	.00088	.00073
40	AD570823	.00171	.00218	.00297	-.00143	.00070	-.00013
41	AD570824/FB	.19709	.19388	.21191	.20485	.04914	.19646
42	AD570825/PB	-.00051	-.00036	-.00068	-.00021	.00060	-.00040
43	AD570826	.00137	-.00024	.00095	-.00194	.00106	.00602
44	AD570827	.00208	.00015	.00490	-.00044	.00134	.00707
45	AD570828	.02435	.02189	.02106	.01777	.00632	.02445
46	AD570829	.00445	-.00026	.00022	-.00454	.00061	.00194
47	AD570830	-.00029	.00026	.00691	.00122	.00065	.00062
48	AD570831	-.00037	.00006	.00065	.00065	-.00051	.00180
49	AD570832	-.00007	.00019	.00158	-.00170	-.00012	.00207
50	AD570833	-.00270	.00041	.00120	.00041	.00011	.00053
51	AD570834	-.00186	.00006	.00041	.00158	.00051	.00115
52	AD570835	-.00132	-.00023	.00083	-.00093	.00010	.00130
53	AD570836	-.00130	-.00009	.01120	-.00234	.00001	.00115
54	AD570837	-.00105	.00144	-.00036	-.00138	-.00012	-.00131
55	AD570838	.00043	.00023	.00288	.00018	.00043	.00005
56	AD570839	-.00196	.00168	.00174	-.00016	.00035	-.00044
57	AD570839/L (1:5)	-.00125	.00038	-.00176	.00064	.00027	-.00047
58	AD570839/PS	.21115	.20672	.19784	.20049	.05092	.20476
59	AD570840/MS	.19961	.19605	.19925	.19355	.05112	.19398
60	AD570841/SD	.20261	.19929	.20203	.19553	.05194	.19685
61	AD570842	-.00028	.00047	.00098	.00144	.00082	-.00032
62	AD570843	-.00158	.00023	-.00003	.00035	.00054	-.00159
63	AD570844/FB	.18762	.18308	.18766	.19349	.04845	.18778
64	AD570845/PB	.00241	.00006	.00112	-.00197	.00085	-.00112
65	AD570846	-.00054	.00072	.06978	-.00124	.00044	.00055
66	AD570847	-.00135	.00064	.00274	-.00125	.00011	.00113
67	AD570848	.00103	.00042	.01097	-.00480	.00078	.00075
68	AD570848/L (1:5)	-.00025	-.00024	-.00064	-.00203	.00006	-.00001
69	AD570848/PS	.20727	.20838	.20949	.20218	.05535	.21085
70	AD570849/MS	.18524	.18890	.19703	.18618	.05107	.19098
71	AD570850/SD	.19015	.19541	.20424	.19024	.05217	.19903
72	AD570851	.00067	.00032	.00178	-.00270	.00019	.00087
73	AD570852	-.00131	.00000	.00429	-.00090	.00015	.00049
74	AD570853	-.00142	.00096	.00390	-.00293	.00022	.00234
75	AD570854	.00157	.00064	.01207	-.00158	.00038	.00239
76	AD570855	.00220	.00096	.00677	-.00091	.00018	.00243
77	AD570856	.00078	.00169	.00299	-.00090	.00035	.00128
78	AD570857	.00111	.00087	.00601	-.00180	-.00012	.00234
79	AD570858	-.00091	.00104	.00593	-.00158	.00008	.00546
80	AD570859	-.00038	.00082	-.00036	-.00304	.00033	.00133
81	AD570860	-.00196	.00072	.00031	-.00125	.00068	-.00014
82	AD570861	-.00204	.00063	-.00147	-.00138	.00033	.00043
83	AD570862	-.00020	.00000	.00073	-.00138	.00078	.00140

#	Sample Name	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
198	ICSAB	.04868	.05325	.60519	.04182	.05896	.00064
199	ICSAB	.04729	.05276	.61573	.04654	.05588	.00071
200	ICSAB	.05095	.05793	.60615	.05075	.06152	.00101
201	ICV	.37115	.37617	.37647	.37746	.37553	.38178
202	ICV	.37144	.37244	.37406	.37232	.37251	.37930
203	ICV	.37555	.37293	.37464	.37508	.37186	.38471
204	STD 1			.25751	.40923	.67397	1.36017
205	STD 1			.25979	.4078	.67629	1.36204
206	STD 1			.25332	.37461	.6643	1.34936
207	STD 2			1.28662	2.36358	3.08891	6.7192
208	STD 2			1.2815	2.32996	3.05438	6.76136
209	STD 2			1.22929	2.2104	3.05896	6.71566
210	STD 3			2.56241	4.75533	6.05851	13.3576
211	STD 3			2.5511	4.77499	5.99847	13.3163
212	STD 3			2.48346	4.57365	6.10463	13.4185
213	STD 3 VER	.99210	1.0025	1.0139	1.0147	.99638	.99862
214	STD 3 VER	.98655	.99430	1.0158	1.0049	.98903	.98918
215	STD 3 VER	.99669	.99951	1.0063	1.0090	.99477	1.0014
216	STD BLK			.00424	-.08606	.06707	-.00416
217	STD BLK			.0072	-.09316	.05842	-.0044
218	STD BLK			.00363	-.07978	.05348	-.00564

#	Sample Name	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
1	AD570786	-.00123	.00063	.04499	-.00101	.00110	.06587
2	AD570787	-.00113	.00089	.03768	-.00074	.00090	.01692
3	AD570788	-.00185	.00064	.01417	.00023	.00077	.07672
4	AD570789	.00060	.00056	.00309	.00045	.00106	.06667
5	AD570790	-.00171	.00047	.01813	-.00039	.00086	.00211
6	AD570791	-.00013	.00047	.01009	-.00076	.00085	.02065
7	AD570792	-.00001	.00015	.03356	-.00024	.00041	.01655
8	AD570793	-.00239	.00064	.01608	.00069	.00041	.01611
9	AD570794	-.00081	.00040	.01383	-.00297	.00080	.00863
10	AD570795	-.00064	.00072	.00340	.00119	.00070	.07753
11	AD570796	-.00017	.00023	.01394	-.00160	.00055	.03103
12	AD570797	-.00018	.00056	.00421	.00095	.00058	.08968
13	AD570798	.00024	.00082	.00456	.00014	.00103	.07887
14	AD570799	.00019	.00065	.01578	.00050	.00080	.07090
15	AD570800	-.00040	.00035	.01668	.00017	.00056	.32610
16	AD570800/L (1:5)	-.00017	.00024	.00116	.00011	.00075	.06351
17	AD570800/PS	.21508	.21086	.22144	.20706	.05384	.52327
18	AD570801	-.00010	.04293	.01101	.00515	.00054	.01462
19	AD570804/FB	.20063	.19671	.20153	.20027	.05076	.19700
20	AD570805/PB	-.00045	.00006	-.00147	.00039	.00079	-.00039
21	AD570806	.00116	.00087	.05694	.00326	-.00002	.00110
22	AD570807	.00095	-.00080	.00146	-.00223	.00002	.00143
23	AD570808	-.00298	-.00051	.01583	-.00198	.00044	-.00015
24	AD570809	.00217	-.00024	.00345	-.00132	.00041	.01064
25	AD570809/L (1:5)	.00169	-.00039	-.00139	-.00080	.00023	.00238
26	AD570809/PS	.20408	.20157	.20622	.20901	.05230	.21812
27	AD570810/MS	.19479	.19139	.20058	.19919	.04980	.20874
28	AD570811/SD	.18846	.18372	.19444	.19628	.04892	.19845
29	AD570812	.00258	.00030	.00363	.00014	.00094	.00005

#	Sample Name	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
84	AD570863	-.00155	.00055	-.00007	-.00215	.00034	.00008
85	AD570864/FB	.19100	.19377	.19967	.19396	.04931	.19573
86	AD570865/PB	.00070	.00047	-.00226	-.00047	.00019	-.00033
87	AD570885	.00064	.00231	-.00065	-.00048	.00019	-.00049
88	AD570886	-.00146	.00030	-.00007	-.00151	.00026	-.00061
89	AD570887	.00200	.00136	.00103	.00190	.00017	.00252
90	AD570887/L (1:5)	.00056	.00023	-.00174	-.00023	.00067	-.00048
91	AD570887/PS	.21070	.20964	.20405	.21357	.05290	.21095
92	AD570888/MS	.19579	.19686	.20390	.19985	.05129	.19956
93	AD570889/SD	.19313	.19456	.19912	.19472	.05090	.19748
94	AD570890	.00042	.00299	.00384	.00086	.00014	-.00044
95	AD570891	.00118	.00239	.00358	-.00142	.00059	-.00068
96	AD570892	-.00219	.00046	.00189	-.00008	.00064	.00101
97	AD570893	-.00078	.00084	.00190	-.00005	.00041	-.00014
98	AD570894	-.00224	.00038	-.00061	.00002	.00058	-.00019
99	AD570895	-.00025	.00063	-.00067	.00029	.00056	.00026
100	AD570896	.00059	.00014	-.00083	-.00128	.00028	-.00008
101	AD570897	-.00112	.00054	-.00032	.00146	.00089	.00035
102	AD570898	-.00003	.00039	.00800	.00143	.00061	.00065
103	AD570899	-.00180	.00055	.00257	-.00002	.00056	.00005
104	AD570900	-.00252	.00020	.00038	.00080	.00073	.00000
105	AD570901	.00024	.00062	.00000	.00105	.00042	.00052
106	AD570902	-.00054	.00031	-.00015	-.00042	.00052	.00391
107	AD570903/FB	.20326	.20204	.21425	.20426	.05168	.20303
108	AD570904/PB	-.00089	.00039	-.00122	.00107	.00059	.00005
109	AD570929	.00169	.00215	.12395	-.00237	.00002	.00402
110	AD570930	.00269	.00124	-.00064	-.00190	-.00041	.00507
111	AD570931	.00330	-.00008	-.00060	-.00230	-.00008	.00638
112	AD570932	.00420	-.00010	.00164	-.00047	-.00034	.01223
113	AD570933	.00099	.00063	-.00094	-.00329	-.00034	.00099
114	AD570934	.00138	.00007	.00046	-.00218	-.00012	-.00038
115	AD570935	.00191	.00085	-.00132	-.00130	.00049	.00218
116	AD570936	.00225	.00194	.00106	-.00286	.00006	.00049
117	AD570937	.00239	-.00016	-.00107	-.00210	.00043	.00023
118	AD570938	.00035	.00045	.02262	-.00070	.00014	.04058
119	AD570938/L (1:5)	.00310	-.00024	.00317	-.00044	.00013	.00875
120	AD570938/PS	.20992	.20167	.22331	.20406	.05148	.24724
121	AD570939/MS	.20290	.19598	.22604	.20451	.05124	.24044
122	AD570940/SD	.20153	.19621	.23186	.20559	.05089	.24270
123	AD570941	.00187	.00123	.00849	-.00101	.00021	.00195
124	AD570942	.00295	.00047	.02174	-.00096	.00021	.03338
125	AD570943	.00239	.00000	.00380	-.00150	.00012	.00374
126	AD570944	.00143	.00161	.02817	-.00289	.00050	.02891
127	AD570945	-.00488	.30618	H9.0975	.18197	.12777	.11684
128	AD570946	.00199	-.00020	.44465	.00112	.00060	.15485
129	AD570947/FB	.19019	.18662	.19334	.19632	.04821	.19401
130	AD570948/PB	.00308	-.00016	-.00121	-.00174	.00003	.00062
131	AD570967	.00267	.00065	.02032	-.00080	.00079	.03527
132	AD570967/L (1:5)	.00128	.00029	.00222	-.00186	.00072	.00812
133	AD570967/PS	.20960	.20289	.21509	.19597	.05179	.23400
134	AD570968/MS	.19922	.19408	.21534	.18729	.05039	.22777
135	AD570969/SD	.19944	.19476	.21885	.19238	.05121	.22776
136	AD570970	.00386	.00083	.02061	-.00024	.00110	.03060
137	AD570971/FB	.19419	.19111	.19065	.18897	.04972	.18915

#	Sample Name	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
138	AD570972/PB	.00051	-.00008	-.00157	-.00162	.00047	.00062
139	AD570978/MS	.20186	.19973	.21981	.20202	.05166	.51350
140	AD570979/SD	.20119	.19879	.21864	.19978	.05264	.51435
141	AD571094	.00588	.20162	.49483	.02562	.00057	.00405
142	AD571094/L (1:5)	.00388	.04402	.10910	.00522	.00110	.00030
143	AD571094/PS	.35710	.54484	.86110	.39256	.08891	.36524
144	AD571095/MD	.00623	.20961	.56671	.02576	-.00017	.00356
145	AD571096/MS	.09172	1.0448	1.4793	.02812	.08346	.00254
146	AD571097/CLPSL	1.5453	.60211	1.0003	1.5369	.72968	.52998
147	AD571098/PB	.00244	.00000	-.00104	H.03972	.00080	.00092
148	CCB	.00130	.00000	-.00001	.00047	.00065	.00211
149	CCB	.00139	.00022	-.00033	.00054	.00131	.00109
150	CCB	.00221	-.00008	-.00022	-.00152	-.00024	.00087
151	CCB	.00256	-.00016	-.00034	-.00096	.00025	.00104
152	CCB	.00053	-.00016	-.00002	-.00100	.00040	.00081
153	CCB	H.49111	H.48108	H.47974	H.51067	H.48330	H.49277
154	CCB	.00136	.00000	-.00106	-.00012	.00070	.00124
155	CCB	.00281	-.00016	-.00119	-.00033	.00094	.00043
156	CCB	.00108	-.00001	-.00148	.00072	.00029	.00005
157	CCB	-.00065	-.00001	-.00152	.00082	-.00002	-.00093
158	CCB	.00062	.00047	-.00109	.00056	.00069	.00004
159	CCB	-.00142	.00006	-.00101	.00068	.00042	-.00029
160	CCB	.00051	.00023	-.00123	.00213	.00066	-.00095
161	CCB	-.00032	.00007	-.00094	.00043	.00026	.00027
162	CCB	-.00022	-.00001	-.00109	.00139	.00031	-.00016
163	CCB	.00046	.00015	-.00159	.00063	.00049	.00110
164	CCB	.00080	-.00024	-.00195	-.00061	.00009	.00048
165	CCB	.00063	.00015	-.00181	-.00083	.00005	.00019
166	CCB	.00121	.00015	-.00182	-.00051	.00027	.00142
167	CCV	.51053	.49945	.48486	.50092	.49120	.48607
168	CCV	.51687	.49455	.47051	.48392	.48668	.47146
169	CCV	.49887	.49739	.50047	.52953	.49601	.51266
170	CCV	.49052	.48411	.48635	.51636	.48523	.49853
171	CCV	.50971	.50174	.49889	.53310	.50206	.51276
172	CCV	Q.00377	Q-.00010	Q-.00244	Q-.00232	Q.00073	Q.00014
173	CCV	.50141	.49137	.48921	.52392	.49233	.50192
174	CCV	.50270	.48552	.48269	.51559	.48552	.49562
175	CCV	.49999	.49342	.48537	.49749	.48927	.48821
176	CCV	.51374	.50106	.49036	.50425	.49474	.49373
177	CCV	.51179	.50182	.49560	.50872	.49357	.50355
178	CCV	.50255	.49607	.48864	.50182	.48886	.49478
179	CCV	.50518	.49873	.48985	.51040	.49395	.49728
180	CCV	.50052	.49680	.48676	.50526	.49392	.49715
181	CCV	.49495	.48645	.47967	.49556	.48268	.48769
182	CCV	.50265	.50039	.49688	.51259	.49344	.50067
183	CCV	.50572	.49939	.49715	.51301	.49146	.49920
184	CCV	.48630	.49219	.48816	.50587	.48982	.49625
185	CCV	.50349	.50210	.49643	.51286	.49684	.50551
186	CRI	.02314	.00470	.01741	.00705	.00329	.00985
187	CRI	.02285	.00533	.01932	.00610	.00308	.01083
188	CRI	.02215	.00471	.01754	.00666	.00290	.00924
189	CRI	.02299	.00483	.01759	.00850	.00293	.00959
190	ICB	.00285	.00051	-.00214	.00001	.00041	.00060
191	ICB	-.00117	.00030	-.00248	.00204	.00028	-.00105

#	Sample Name	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
192	ICB	.00207	.00023	L-.00301	-.00159	.00029	.00102
193	ICSA	.00143	-.00083	-.00524	.00158	.00081	.00131
194	ICSA	.00216	-.00106	-.00482	.00153	.00008	.00122
195	ICSA	-.00327	-.00054	-.00615	.00291	.00081	-.00022
196	ICSA	.00128	-.00115	-.00238	.00111	.00035	.00062
197	ICSAB	.09570	.48777	.91355	.00297	.21653	.00149
198	ICSAB	.09632	.48007	.93381	.00249	.21394	.00094
199	ICSAB	.09726	.48230	.91423	.00324	.21288	-.00222
200	ICSAB	.09499	.48916	.93779	.00292	.21705	-.00005
201	ICV	.37955	.37368	.36643	.37624	.36723	.36910
202	ICV	.38241	.37133	.36407	.37398	.36499	.36824
203	ICV	.37502	.37648	.37278	.38872	.37145	.37824
204	STD 1	.50031	.1013	.11311	.06549	.59654	.37714
205	STD 1	.50604	.10011	.11388	.06856	.59957	.38417
206	STD 1	.46389	.09967	.12088	.07272	.601	.40906
207	STD 2	2.56598	.50055	.5473	.31467	3.1275	1.83363
208	STD 2	2.57138	.49886	.55666	.33123	3.14755	1.90093
209	STD 2	2.39288	.49854	.59591	.35805	3.19205	2.04071
210	STD 3	5.12624	.99542	1.0838	.62654	6.30516	3.65429
211	STD 3	5.18623	.9779	1.06874	.64343	6.28676	3.68849
212	STD 3	4.85259	.99438	1.18225	.71631	6.45077	4.0868
213	STD 3 VER	.99903	1.0013	.99292	1.0001	1.0067	.99504
214	STD 3 VER	1.0139	.99033	.97870	.97587	.99318	.98393
215	STD 3 VER	.99889	1.0031	1.0037	1.0087	1.0084	1.0088
216	STD BLK	-.03689	.00023	.00293	.0027	-.04129	.00192
217	STD BLK	-.02513	0	.00294	.0017	-.03676	.00627
218	STD BLK	-.0221	.00016	.00419	.00201	-.05034	.00249

Standardization Rpt. 12/13/05 11:02:00 PM page 1

Method: TRACE1 Standard: STD BLK
Run Time: 12/13/05 22:57:12

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	.14801	-.02822	.02547	.00116	.09321	.02423	.00480
SDev	.00028	.04254	.00003	.00012	.00029	.00156	.00178
%RSD	.18951	150.77	.12028	9.9756	.31522	6.4228	37.009
#1	.14782	.00187	.02549	.00124	.09342	.02534	.00606
#2	.14821	-.05830	.02545	.00108	.09300	.02313	.00355

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	-.00952	.00387	-.00503	-.00123	-.02808	.00519	.00108
SDev	.00115	.00155	.00205	.00174	.06542	.00008	.00022
%RSD	12.102	40.104	40.835	141.42	233.02	1.5607	20.742
#1	-.00870	.00497	-.00357	.00000	.01819	.00513	.00124
#2	-.01033	.00278	-.00648	-.00247	-.07434	.00524	.00093

Elem	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1	1960/2
Avge	.00195	-.01673	.03108	-.03156	.00721	-.09317	.05843
SDev	.00516	.00228	.01167	.04550	.00256	.01485	.00767
%RSD	264.49	13.640	37.542	144.19	35.491	15.943	13.129
#1	.00560	-.01834	.03932	-.06373	.00902	-.10367	.05300
#2	-.00170	-.01511	.02283	.00062	.00540	-.08267	.06385

Elem	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Avge	-.00441	-.02514	.00000	.00294	.00170	-.03677	.00627
SDev	.00249	.00785	.00066	.00023	.00109	.00078	.00080
%RSD	56.603	31.243	36355.	7.9917	63.845	2.1296	12.767
#1	-.00264	-.01958	.00047	.00311	.00093	-.03622	.00684
#2	-.00617	-.03069	-.00046	.00278	.00247	-.03732	.00571

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6459	--	--	--	--	--	--
SDev	35.53212	--	--	--	--	--	--
%RSD	.5501370	--	--	--	--	--	--
#1	6434	--	--	--	--	--	--
#2	6484	--	--	--	--	--	--

Standardization Rpt. 12/13/05 11:06:25 PM page 1

Method: TRACE1 Standard: STD 1
Run Time: 12/13/05 23:02:04

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	4.5760	1.3113	.44859	.86696	1.5534	2.3102	.95659
SDev	.0122	.0029	.00365	.00106	.0041	.0112	.00175
%RSD	.26631	.22376	.81461	.12225	.26179	.48319	.18249
#1	4.5846	1.3134	.44600	.86771	1.5563	2.3181	.95782
#2	4.5674	1.3092	.45117	.86621	1.5506	2.3023	.95535

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Ni2316	2203/1	2203/2
Avge	.77436	.49235	.82454	.45610	.72740	.66001	3.4455
SDev	.00126	.00294	.00277	.00056	.00207	.01205	.0103
%RSD	.16207	.59745	.33573	.12351	.28474	1.8250	.29879
#1	.77525	.49442	.82650	.45650	.72887	.66853	3.4383
#2	.77348	.49027	.82258	.45570	.72594	.65150	3.4528

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Avge	.25979	.40780	.67629	1.3620	.50604	.10011	.11389
SDev	.00426	.00847	.00565	.0039	.00091	.00026	.00016
%RSD	1.6391	2.0781	.83524	.28595	.18034	.25835	.14381
#1	.26281	.40181	.68028	1.3648	.50539	.10030	.11377
#2	.25678	.41379	.67230	1.3593	.50669	.09993	.11400

Elem	Sn1899	Ag3280	Mo2020
Avge	.06857	.59958	.38417
SDev	.00032	.00022	.00477
%RSD	.47066	.03701	1.2427
#1	.06880	.59974	.38755
#2	.06834	.59942	.38080

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6388	--	--	--	--	--	--
SDev	9.439944	--	--	--	--	--	--
%RSD	.1477803	--	--	--	--	--	--
#1	6381	--	--	--	--	--	--
#2	6395	--	--	--	--	--	--

Standardization Rpt. 12/13/05 11:10:50 PM page 1

Method: TRACE1 Standard: STD 2
Run Time: 12/13/05 23:06:28

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	22.330	6.6914	2.1203	4.3166	7.3543	11.258	4.7401
SDev	.047	.0316	.0088	.0160	.0406	.083	.0221
%RSD	.20838	.47176	.41496	.37181	.55176	.73545	.46566
#1	22.363	6.7137	2.1265	4.3279	7.3830	11.317	4.7557
#2	22.297	6.6690	2.1141	4.3052	7.3256	11.200	4.7245

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Ni2316	2203/1	2203/2
Avge	3.8065	2.4625	4.0671	2.2619	3.6198	3.1492	17.237
SDev	.0074	.0043	.0071	.0100	.0071	.0264	.104
%RSD	.19463	.17432	.17487	.44325	.19719	.83967	.60253
#1	3.8118	2.4655	4.0721	2.2690	3.6147	3.1679	17.311
#2	3.8013	2.4595	4.0621	2.2548	3.6248	3.1305	17.164

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Avge	1.2815	2.3300	3.0544	6.7614	2.5714	.49887	.55666
SDev	.0013	.0292	.0104	.0152	.0021	.00202	.00198
%RSD	.10336	1.2542	.34049	.22406	.08039	.40443	.35502
#1	1.2806	2.3506	3.0617	6.7721	2.5728	.50029	.55806
#2	1.2824	2.3093	3.0470	6.7506	2.5699	.49744	.55527

Elem	Sn1899	Ag3280	Mo2020
Avge	.33124	3.1476	1.9009
SDev	.00205	.0047	.0035
%RSD	.61830	.14816	.18441
#1	.33268	3.1508	1.8985
#2	.32979	3.1443	1.9034

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6332	--	--	--	--	--	--
SDev	19.94055	--	--	--	--	--	--
%RSD	.3148972	--	--	--	--	--	--
#1	6318	--	--	--	--	--	--
#2	6347	--	--	--	--	--	--

Standardization Rpt. 12/13/05 11:15:42 PM page 1

Method: TRACE1 Standard: STD 3
Run Time: 12/13/05 23:10:54

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	44.322	13.193	4.2063	8.3691	14.210	42.189	22.335
SDev	.088	.037	.0094	.0297	.049	.173	.067
%RSD	.19771	.28134	.22268	.35461	.34319	.41092	.29781
#1	44.384	13.220	4.2129	8.3901	14.244	42.311	22.382
#2	44.260	13.167	4.1997	8.3481	14.175	42.066	22.288

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	9.3014	7.4202	4.8249	8.0110	138.33	20.842	4.4689
SDev	.0429	.0369	.0160	.0329	.45	.071	.0176
%RSD	.46071	.49674	.33076	.41082	.32855	.34060	.39480
#1	9.3317	7.4462	4.8361	8.0343	138.01	20.892	4.4814
#2	9.2711	7.3941	4.8136	7.9877	138.65	20.792	4.4565

Elem	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1	1960/2
Avge	2.4584	7.0568	6.1226	33.756	2.5511	4.7750	5.9985
SDev	.0032	.0245	.0523	.219	.0009	.0249	.0419
%RSD	.12859	.34689	.85393	.64969	.03404	.52240	.69906
#1	2.4606	7.0741	6.1596	33.911	2.5505	4.7926	6.0281
#2	2.4561	7.0395	6.0857	33.601	2.5517	4.7574	5.9688

Elem	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Avge	13.316	5.1862	.97790	1.0687	.64344	6.2868	3.6885
SDev	.045	.0045	.00438	.0048	.00344	.0237	.0166
%RSD	.33872	.08670	.44756	.45020	.53511	.37632	.45065
#1	13.348	5.1831	.98100	1.0721	.64587	6.3035	3.7003
#2	13.284	5.1894	.97481	1.0653	.64100	6.2700	3.6767

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6313	--	--	--	--	--	--
SDev	53.56334	--	--	--	--	--	--
%RSD	.8484440	--	--	--	--	--	--
#1	6275	--	--	--	--	--	--
#2	6351	--	--	--	--	--	--

Standardization Report 12/13/05 11:15:42 PM page 1

Method: TRACE1 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	1.12990	-.167259	12/13/05 11:10:54
As1890	189.042	Multiple	Standards	.074912	.002110	12/13/05 11:10:54
B_2496	249.678	Multiple	Standards	.240907	-.006142	12/13/05 11:10:54
Ba4934	493.409	Multiple	Standards	.116934	-.000148	12/13/05 11:10:54
Be3130	313.042	Multiple	Standards	.069427	-.006484	12/13/05 11:10:54
Ca3179	317.933	STD 3	STD BLK	1.06358	.000081	12/13/05 11:10:54
Cd2265	226.502	Multiple	Standards	.044325	-.000229	12/13/05 11:10:54
Co2286	228.616	Multiple	Standards	.105565	.000989	12/13/05 11:10:54
Cr2677	267.716	Multiple	Standards	.132171	-.000528	12/13/05 11:10:54
Cu3247	324.753	Multiple	Standards	.203119	.001009	12/13/05 11:10:54
Fe2714	271.441	Multiple	Standards	6.15847	.006924	12/13/05 11:10:54
K_7664	766.491	STD 3	STD BLK	1.04525	-.034798	12/13/05 11:10:54
Mg2790	279.078	STD 3	STD BLK	1.08630	-.001296	12/13/05 11:10:54
Mn2576	257.610	Multiple	Standards	.221402	-.000248	12/13/05 11:10:54
Na3302	330.232	STD 3	STD BLK	1.10662	-.001823	12/13/05 11:10:54
Ni2316	231.604	Multiple	Standards	.137564	.002279	12/13/05 11:10:54
2203/1	220.351	Multiple	Standards	.165180	-.005146	12/13/05 11:10:54
2203/2	220.352	Multiple	Standards	.028776	.000897	12/13/05 11:10:54
PB2203	220.353	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
SE1960	196.026	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Sb2068	206.838	Multiple	Standards	.400330	-.002880	12/13/05 11:10:54
1960/1	196.021	Multiple	Standards	.203925	.018982	12/13/05 11:10:54
1960/2	196.022	Multiple	Standards	.162774	-.009530	12/13/05 11:10:54
Ti3372	337.280	Multiple	Standards	.074047	.000315	12/13/05 11:10:54
Tl1908	190.864	Multiple	Standards	.189706	.004757	12/13/05 11:10:54
V_2924	292.402	Multiple	Standards	1.00961	-.000010	12/13/05 11:10:54
Zn2062	206.200	Multiple	Standards	.912239	-.002698	12/13/05 11:10:54
Sn1899	189.989	Multiple	Standards	1.51891	-.002599	12/13/05 11:10:54
Ag3280	328.068	Multiple	Standards	.157415	.005786	12/13/05 11:10:54
Mo2020	202.030	Multiple	Standards	.266490	-.001680	12/13/05 11:10:54

Standardization Readback Report 12/13/05 11:15:43 PM page 1

Method: TRACE1

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	STD BLK	.000000	-.000018	.000018
		STD 1	5.00000	5.00312	-.003121
		STD 2	25.0000	25.0632	-.063217
		STD 3	50.0000	49.9115	.088467

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	STD BLK	.000000	-.000004	.000004
		STD 1	.100000	.100344	-.000344
		STD 2	.500000	.503370	-.003370
		STD 3	1.00000	.990441	.009559

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	STD BLK	.000000	-.000006	.000006
		STD 1	.100000	.101925	-.001925
		STD 2	.500000	.504653	-.004653
		STD 3	1.00000	1.00718	-.007179

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	STD BLK	.000000	-.000012	.000012
		STD 1	.100000	.101230	-.001230
		STD 2	.500000	.504606	-.004606
		STD 3	1.00000	.978490	.021510

CorCoef: 0.99987

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	STD BLK	.000000	-.000012	.000012
		STD 1	.100000	.101366	-.001366
		STD 2	.500000	.504103	-.004103
		STD 3	1.00000	.980066	.019934

CorCoef: 0.99989

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Ca3179	317.933	STD BLK	.025857	.024235	.001622
		STD 3	44.8715	42.1889	2.68266

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	STD BLK	.000000	-.000016	.000016
		STD 1	.100000	.102169	-.002169
		STD 2	.500000	.498783	.001217
		STD 3	1.00000	.989743	.010257

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	STD BLK	.000000	-.000016	.000016
		STD 1	.100000	.101970	-.001970
		STD 2	.500000	.501376	-.001376
		STD 3	1.00000	.982893	.017107

CorCoef: 0.99994

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	STD BLK	.000000	-.000016	.000016
		STD 1	.100000	.101821	-.001821
		STD 2	.500000	.502587	-.002587
		STD 3	1.00000	.980204	.019796

CorCoef: 0.99991

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	STD BLK	.000000	-.000012	.000012
		STD 1	.100000	.101014	-.001014
		STD 2	.500000	.501189	-.001189
		STD 3	1.00000	.981027	.018973

CorCoef: 0.99994

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	STD BLK	.000000	-.000675	.000675
		STD 1	5.00000	5.08482	-.084824
		STD 2	25.0000	25.0541	-.054098
		STD 3	50.0000	49.3424	.657642

CorCoef: 0.99997

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	STD BLK	-.064145	-.028076	-.036069
		STD 3	144.552	138.328	6.22386

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Mg2790	279.078	STD BLK	.004338	.005187	-.000849
		STD 3	22.6397	20.8422	1.79748

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	STD BLK	.000000	-.000008	.000008
		STD 1	.100000	.100734	-.000734
		STD 2	.500000	.500536	-.000536
		STD 3	1.00000	.989184	.010816

CorCoef: 0.99998

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	STD BLK	.000334	.001950	-.001615
		STD 3	2.71868	2.45838	.260296

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	STD BLK	.000000	-.000022	.000022
		STD 1	.100000	.102343	-.002343
		STD 2	.500000	.500231	-.000231
		STD 3	1.00000	.973045	.026955

CorCoef: 0.99989

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	STD BLK	.000000	-.000013	.000013
		STD 1	.100000	.103875	-.003875
		STD 2	.500000	.515047	-.015047
		STD 3	1.00000	1.00619	-.006191

CorCoef: 0.99992

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	STD BLK	.000000	-.000011	.000011
		STD 1	.100000	.100045	-.000045
		STD 2	.500000	.496914	.003086
		STD 3	1.00000	.972263	.027737

CorCoef: 0.99993

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
PB2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
SE1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	STD BLK	.000000	.000005	-.000005
		STD 1	.100000	.101123	-.001123
		STD 2	.500000	.510143	-.010143
		STD 3	1.00000	1.01840	-.018404

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	STD BLK	.000000	-.000017	.000017
		STD 1	.100000	.102143	-.002143
		STD 2	.500000	.494122	.005878
		STD 3	1.00000	.992725	.007275

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	STD BLK	.000000	-.000020	.000020
		STD 1	.100000	.100552	-.000552
		STD 2	.500000	.487646	.012354
		STD 3	1.00000	.966867	.033133

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3372	337.280	STD BLK	.000000	-.000011	.000011
		STD 1	.100000	.101171	-.001171
		STD 2	.500000	.500974	-.000974
		STD 3	1.00000	.986344	.013656

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	STD BLK	.000000	-.000012	.000012
		STD 1	.100000	.100756	-.000756
		STD 2	.500000	.492563	.007437
		STD 3	1.00000	.988617	.011383

CorCoef: 1.00000

Standardization Readback Report 12/13/05 11:15:43 PM page 4

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	STD BLK	.000000	-.000009	.000009
		STD 1	.100000	.101064	-.001064
		STD 2	.500000	.503651	-.003651
		STD 3	1.00000	.987291	.012709

CorCoef: 0.99994

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	STD BLK	.000000	-.000014	.000014
		STD 1	.100000	.101196	-.001196
		STD 2	.500000	.505113	-.005113
		STD 3	1.00000	.972255	.027745

CorCoef: 0.99979

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	STD BLK	.000000	-.000017	.000017
		STD 1	.100000	.101550	-.001550
		STD 2	.500000	.500520	-.000520
		STD 3	1.00000	.974724	.025276

CorCoef: 0.99990

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	STD BLK	.000000	-.000002	.000002
		STD 1	.100000	.100169	-.000169
		STD 2	.500000	.501257	-.001257
		STD 3	1.00000	.995417	.004583

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	STD BLK	.000000	-.000008	.000008
		STD 1	.100000	.100698	-.000698
		STD 2	.500000	.504900	-.004900
		STD 3	1.00000	.981268	.018732

CorCoef: 0.99988

Analysis Report Blank Sample 12/13/05 11:20:35 PM page 1

Method: TRACE1 Sample Name: STD 3 VER Operator: SW
Run Time: 12/13/05 23:15:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	49.989	1.0010	.99963	.97600	.98299	50.260	.99908
SDev	.005	.0001	.00065	.00108	.00023	.057	.00019
%RSD	.01073	.01245	.06545	.11016	.02339	.11317	.01907
#1	49.985	1.0009	1.0001	.97676	.98283	50.300	.99921
#2	49.992	1.0011	.99917	.97524	.98316	50.220	.99894
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98711	.98439	.98229	49.641	51.446	50.155	.99126
SDev	.00017	.00040	.00006	.056	.521	.078	.00248
%RSD	.01701	.04027	.00576	.11377	1.0127	.15583	.25014
#1	.98722	.98467	.98225	49.601	51.078	50.210	.99301
#2	.98699	.98411	.98233	49.681	51.815	50.100	.98950
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.314	.98267	.98802	.98582	.98655	.99430	1.0158
SDev	.095	.00170	.00120	.00072	.00008	.00288	.0011
%RSD	.18807	.17319	.12198	.07257	.00769	.28998	.10418
#1	50.247	.98147	.98888	.98531	.98650	.99634	1.0150
#2	50.381	.98388	.98717	.98632	.98660	.99226	1.0165
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0049	.98904	.98918	1.0139	.99033	.97870	.97588
SDev	.0001	.00426	.00013	.0037	.00014	.00100	.00479
%RSD	.01330	.43054	.01303	.36520	.01431	.10211	.49028
#1	1.0049	.99205	.98909	1.0113	.99043	.97941	.97926
#2	1.0048	.98603	.98927	1.0165	.99023	.97800	.97250
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.99319	.98394
SDev	.00176	.00065
%RSD	.17675	.06594
#1	.99443	.98440
#2	.99195	.98348
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6345	--	--	--	--	--	--
SDev	12.40993	--	--	--	--	--	--
%RSD	.1955791	--	--	--	--	--	--
#1	6336	--	--	--	--	--	--
#2	6354	--	--	--	--	--	--

Analysis Report QC Standard 12/13/05 11:25:27 PM page 1

Method: TRACE1 Sample Name: ICV Operator: SW
Run Time: 12/13/05 23:20:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.024	.36739	.35869	.36197	.37091	18.979	.37024
SDev	.018	.00297	.00122	.00041	.00032	.001	.00068
%RSD	.09231	.80880	.34064	.11278	.08500	.00364	.18457
#1	19.011	.36950	.35955	.36168	.37069	18.979	.37072
#2	19.036	.36529	.35782	.36226	.37114	18.978	.36975
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	18.750	.37500	.37500	.37500	.37500	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36714	.36886	.37896	18.651	19.394	18.788	.37792
SDev	.00005	.00050	.00080	.031	.029	.013	.00002
%RSD	.01415	.13567	.20990	.16520	.15096	.06953	.00573
#1	.36710	.36851	.37840	18.629	19.373	18.797	.37793
#2	.36718	.36921	.37952	18.673	19.415	18.778	.37790
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500	.37500	.37500	18.750	18.750	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.580	.37214	.37208	.37113	.37145	.37245	.37406
SDev	.050	.00061	.00168	.00097	.00121	.00500	.00315
%RSD	.26679	.16313	.45270	.26201	.32562	1.3437	.84310
#1	18.545	.37172	.37327	.37182	.37230	.37599	.37183
#2	18.615	.37257	.37089	.37044	.37059	.36891	.37629
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	18.750	.37500			.37500	.37500	.37500
Range	5.0000	5.0000			5.0000	5.0000	5.0000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37232	.37251	.37930	.38242	.37134	.36407	.37399
SDev	.00604	.00449	.00042	.00021	.00098	.00106	.00257
%RSD	1.6230	1.2042	.11090	.05477	.26476	.29158	.68591
#1	.37660	.37569	.37901	.38227	.37064	.36332	.37218
#2	.36805	.36934	.37960	.38257	.37203	.36483	.37580
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.37500	.37500	.37500	.37500	.37500
Range			5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.36499	.36825
SDev	.00140	.00190
%RSD	.38372	.51621
#1	.36400	.36690
#2	.36598	.36959
Errors	QC Pass	QC Pass
Value	.37500	.37500
Range	5.0000	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6379	--	--	--	--	--	--
SDev	14.95524	--	--	--	--	--	--
%RSD	.2344348	--	--	--	--	--	--
#1	6390	--	--	--	--	--	--
#2	6369	--	--	--	--	--	--

Analysis Report Blank Sample 12/13/05 11:30:18 PM page 1

Method: TRACE1 Sample Name: ICB Operator: SW
Run Time: 12/13/05 23:25:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00671	.00035	.00202	.00003	.00002	-.00054	-.00010
SDev	.00064	.00109	.00097	.00004	.00000	.00030	.00008
%RSD	9.5966	308.11	48.378	148.52	9.0984	55.837	75.032
#1	-.00626	.00112	.00133	-.00000	.00002	-.00075	-.00005
#2	-.00717	-.00042	.00271	.00005	.00002	-.00033	-.00016
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	-.00002	.00005	.00254	-.00228	.00309	-.00000
SDev	.00012	.00013	.00027	.00206	.00453	.00186	.00005
%RSD	26.297	661.29	501.91	81.281	198.72	59.967	1045.6
#1	.00036	-.00011	.00025	.00400	.00092	.00440	.00003
#2	.00052	.00007	-.00014	.00108	-.00549	.00178	-.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.11160	-.00017	-.00234	.00089	-.00019	.00077	-.00128
SDev	.05835	.00063	.00320	.00021	.00093	.00038	.00146
%RSD	52.287	373.29	136.97	23.317	501.07	49.050	114.19
#1	-.15286	.00028	-.00007	.00074	.00047	.00104	-.00025
#2	-.07034	-.00061	-.00460	.00104	-.00084	.00051	-.00232
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00033	.00100	.00019	-.00117	.00031	-.00248	.00204
SDev	.00380	.00133	.00001	.00125	.00000	.00010	.00017
%RSD	1161.4	133.59	4.3301	106.33	.17579	4.0843	8.5637
#1	.00302	.00006	.00020	-.00029	.00031	-.00255	.00192
#2	-.00236	.00194	.00019	-.00206	.00031	-.00241	.00217
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00028	-.00105
SDev	.00041	.00030
%RSD	144.75	28.138
#1	-.00001	-.00126
#2	.00057	-.00084
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6379	--	--	--	--	--	--
SDev	9.227606	--	--	--	--	--	--
%RSD	.1446464	--	--	--	--	--	--
#1	6386	--	--	--	--	--	--
#2	6373	--	--	--	--	--	--

Analysis Report Blank Sample 12/13/05 11:35:09 PM page 1

Method: TRACE1 Sample Name: CRI Operator: SW
Run Time: 12/13/05 23:30:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20524	.01050	.05024	.00229	.00195	.50289	.00096
SDev	.00157	.00109	.00136	.00003	.00002	.00099	.00018
%RSD	.76466	10.389	2.7115	1.4993	1.1835	.19694	19.022
#1	.20413	.01127	.04927	.00227	.00196	.50219	.00084
#2	.20635	.00973	.05120	.00232	.00193	.50359	.00109
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.07500	.00300	.00300	.75000	.00150
Low	.10000	.00500	.02500	.00100	.00100	.25000	.00050

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00436	.00383	.00958	.06517	.46593	.19742	.00380
SDev	.00010	.00015	.00021	.00534	.00706	.00412	.00001
%RSD	2.2864	3.9822	2.1831	8.1988	1.5150	2.0851	.19007
#1	.00443	.00373	.00943	.06139	.46094	.20034	.00381
#2	.00429	.00394	.00973	.06895	.47092	.19451	.00380
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.95323	.00945	.00648	.00523	.00564	.01703	.01776
SDev	.01616	.00021	.00145	.00175	.00068	.00050	.00022
%RSD	1.6958	2.2276	22.321	33.434	12.125	2.9375	1.2213
#1	.96466	.00960	.00750	.00399	.00516	.01739	.01792
#2	.94180	.00930	.00545	.00646	.00613	.01668	.01761
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.5000	.01500			.00750	.02250	.03000
Low	.50000	.00500			.00250	.00750	.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02065	.01522	.00530	.02216	.00472	.01754	.00667
SDev	.00164	.00157	.00015	.00123	.00021	.00004	.00069
%RSD	7.9484	10.320	2.9162	5.5312	4.5425	.20712	10.311
#1	.01949	.01634	.00519	.02303	.00457	.01757	.00715
#2	.02181	.01411	.00541	.02129	.00487	.01752	.00618
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00750	.03000	.00750	.03000	.01500
Low			.00250	.01000	.00250	.01000	.00500

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00291	.00925
SDev	.00014	.00011
%RSD	4.9598	1.1673
#1	.00281	.00933
#2	.00301	.00917
Errors	LC Pass	LC Pass
High	.00450	.01500
Low	.00150	.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6401	--	--	--	--	--	--
SDev	11.56092	--	--	--	--	--	--
%RSD	.1806062	--	--	--	--	--	--
#1	6393	--	--	--	--	--	--
#2	6409	--	--	--	--	--	--

Analysis Report QC Standard 12/13/05 11:40:00 PM page 1

Method: TRACE1 Sample Name: ICSA Operator: SW
Run Time: 12/13/05 23:35:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	491.42	-.00281	.00867	.01275	.00194	490.62	-.00008
SDev	.94	.00018	.00036	.00003	.00003	.89	.00003
%RSD	.19051	6.5724	4.2134	.26819	1.5379	.18056	36.886
#1	492.09	-.00294	.00892	.01278	.00192	489.99	-.00010
#2	490.76	-.00268	.00841	.01273	.00196	491.25	-.00006
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value	500.00					500.00	
Range	100.00					100.00	

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00153	-.00670	-.00113	188.34	-.01570	487.18	-.00487
SDev	.00054	.00037	.00013	.30	.00650	.48	.00008
%RSD	35.405	5.4665	11.311	.16039	41.367	.09867	1.6201
#1	.00115	-.00696	-.00122	188.13	-.01111	486.84	-.00481
#2	.00191	-.00644	-.00104	188.56	-.02030	487.52	-.00492
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK	QC Pass	NOCHECK
Value				200.00		500.00	
Range				40.000		100.00	

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.10012	.00001	-.02856	.01909	.00322	.00326	.00456
SDev	.08645	.00033	.00083	.00094	.00090	.00349	.00133
%RSD	86.347	3823.8	2.9041	4.9039	27.972	107.15	29.181
#1	-.03899	-.00022	-.02797	.01975	.00386	.00079	.00362
#2	-.16124	.00024	-.02915	.01842	.00258	.00573	.00550
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00464	.00722	.00096	-.00327	-.00054	-.00616	.00292
SDev	.00657	.00196	.00007	.00052	.00001	.00022	.00019
%RSD	141.52	27.122	7.3599	15.804	.95892	3.5911	6.4222
#1	-.00929	.00583	.00091	-.00291	-.00054	-.00631	.00278
#2	.00000	.00860	.00101	-.00364	-.00054	-.00600	.00305
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00081	-.00022
SDev	.00013	.00029
%RSD	15.840	128.76
#1	.00072	-.00043
#2	.00090	-.00002
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5932	--	--	--	--	--	--
SDev	3.499971	--	--	--	--	--	--
%RSD	.0589988	--	--	--	--	--	--
#1	5935	--	--	--	--	--	--
#2	5930	--	--	--	--	--	--

Analysis Report QC Standard 12/13/05 11:44:51 PM page 1

Method: TRACE1 Sample Name: ICSAB Operator: SW
Run Time: 12/13/05 23:40:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	496.10	.10068	.00371	.51183	.48414	493.57	.92604
SDev	.28	.00065	.00055	.00125	.00014	.29	.00012
%RSD	.05655	.64469	14.887	.24509	.02965	.05835	.01265
#1	495.91	.10022	.00410	.51094	.48425	493.36	.92596
#2	496.30	.10114	.00332	.51272	.48404	493.77	.92613
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45217	.46508	.49625	93.761	-.01946	486.36	.47298
SDev	.00015	.00064	.00051	.009	.01635	.51	.00063
%RSD	.03261	.13703	.10333	.00934	84.020	.10529	.13293
#1	.45227	.46553	.49589	93.754	-.00790	486.00	.47253
#2	.45206	.46463	.49661	93.767	-.03102	486.72	.47342
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06339	.92039	.01662	.06261	.04729	.05277	.61574
SDev	.01838	.00169	.00186	.00326	.00155	.00418	.00454
%RSD	28.995	.18400	11.202	5.2045	3.2847	7.9211	.73701
#1	.05039	.92159	.01794	.06031	.04620	.04981	.61253
#2	.07638	.91920	.01530	.06491	.04839	.05573	.61895
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value		1.0000			.05000	.05000	.60000
Range		.20000			.01000	.01000	.12000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04655	.05588	.00072	.09726	.48231	.91423	.00324
SDev	.00844	.00205	.00013	.00347	.00025	.00173	.00201
%RSD	18.139	3.6657	17.446	3.5709	.05226	.18887	61.897
#1	.04058	.05443	.00080	.09481	.48249	.91301	.00466
#2	.05252	.05733	.00063	.09972	.48213	.91545	.00182
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK
Value				.10000	.50000	1.0000	
Range				.02000	.10000	.20000	

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.21288	-.00223
SDev	.00012	.00074
%RSD	.05636	33.064
#1	.21297	-.00275
#2	.21280	-.00171
Errors	QC Pass	NOCHECK
Value	.20000	
Range	.04000	

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5923	--	--	--	--	--	--
SDev	16.33424	--	--	--	--	--	--
%RSD	.2757810	--	--	--	--	--	--
#1	5911	--	--	--	--	--	--
#2	5934	--	--	--	--	--	--

Analysis Report QC Standard 12/13/05 11:51:03 PM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 12/13/05 23:46:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.217	.48458	.47390	.48304	.49131	25.192	.48807
SDev	.026	.00272	.00079	.00034	.00016	.025	.00059
%RSD	.10315	.56143	.16730	.07023	.03182	.10082	.12119
#1	25.198	.48266	.47334	.48280	.49142	25.174	.48849
#2	25.235	.48650	.47446	.48328	.49120	25.210	.48765
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48637	.48945	.50628	24.651	25.183	24.872	.50285
SDev	.00098	.00085	.00091	.033	.080	.016	.00028
%RSD	.20063	.17437	.17897	.13473	.31629	.06566	.05667
#1	.48706	.48885	.50564	24.628	25.239	24.861	.50265
#2	.48568	.49005	.50692	24.675	25.127	24.884	.50305
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.954	.49061	.48927	.49199	.49108	.49395	.49507
SDev	.091	.00123	.00301	.00177	.00219	.00146	.00006
%RSD	.36638	.25068	.61549	.36060	.44517	.29594	.01150
#1	24.889	.48974	.48714	.49074	.48954	.49499	.49511
#2	25.018	.49148	.49140	.49325	.49263	.49292	.49503
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49447	.49370	.50432	.50000	.49342	.48538	.49750
SDev	.00092	.00173	.00052	.00622	.00020	.00089	.00021
%RSD	.18628	.35085	.10396	1.2438	.04138	.18251	.04148
#1	.49512	.49493	.50395	.49560	.49328	.48475	.49735
#2	.49382	.49248	.50469	.50439	.49357	.48601	.49764
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.48928	.48821
SDev	.00048	.00491
%RSD	.09892	1.0055
#1	.48893	.48474
#2	.48962	.49168
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6357	--	--	--	--	--	--
SDev	1.697332	--	--	--	--	--	--
%RSD	.0266989	--	--	--	--	--	--
#1	6356	--	--	--	--	--	--
#2	6359	--	--	--	--	--	--

Analysis Report Blank Sample 12/13/05 11:55:55 PM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 12/13/05 23:51:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00162	-.00136	.00139	.00006	.00007	.00758	-.00004
SDev	.00318	.00224	.00129	.00001	.00002	.00072	.00019
%RSD	196.12	165.04	92.851	21.327	29.673	9.4734	487.08
#1	-.00063	-.00294	.00230	.00007	.00008	.00808	-.00017
#2	.00387	.00023	.00048	.00005	.00005	.00707	.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00031	.00026	.00003	.00497	.00806	.00457	-.00006
SDev	.00007	.00012	.00018	.00408	.00437	.00077	.00002
%RSD	22.839	44.851	700.74	82.155	54.153	16.907	43.357
#1	.00026	.00018	.00015	.00208	.00497	.00402	-.00004
#2	.00036	.00034	-.00010	.00785	.01115	.00511	-.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.10124	-.00018	.00037	.00140	.00105	.00125	.00243
SDev	.07298	.00063	.00135	.00095	.00018	.00044	.00149
%RSD	72.085	341.47	365.31	67.896	17.488	35.430	61.308
#1	-.15285	-.00063	.00132	.00073	.00092	.00094	.00138
#2	-.04964	.00026	-.00058	.00207	.00118	.00157	.00349
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00248	.00064	.00003	.00108	-.00001	-.00149	.00072
SDev	.00004	.00068	.00000	.00134	.00022	.00070	.00134
%RSD	1.4912	107.28	2.0618	123.42	2078.4	47.371	184.64
#1	.00251	.00015	.00003	.00203	-.00017	-.00198	-.00022
#2	.00246	.00112	.00003	.00014	.00015	-.00099	.00167
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00030	.00005
SDev	.00006	.00086
%RSD	19.960	1703.1
#1	.00034	.00066
#2	.00026	-.00056
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6396	--	--	--	--	--	--
SDev	11.87960	--	--	--	--	--	--
%RSD	.1857348	--	--	--	--	--	--
#1	6388	--	--	--	--	--	--
#2	6404	--	--	--	--	--	--

Analysis Report 12/14/05 00:00:47 AM page 1

Method: TRACE1 Sample Name: AD570830 Operator: SW
Run Time: 12/13/05 23:55:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01620	.00347	.08633	.10191	.00043	231.62	-.00011
SDev	.00349	.00012	.00044	.00025	.00003	.34	.00007
%RSD	21.538	3.4321	.51542	.24804	7.5024	.14513	59.800
#1	.01866	.00355	.08665	.10174	.00046	231.38	-.00016
#2	.01373	.00338	.08602	.10209	.00041	231.85	-.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00054	.00034	-.00016	11.588	2.4293	92.182	.22360
SDev	.00025	.00027	.00051	.006	.0308	.008	.00010
%RSD	46.513	80.018	309.52	.05388	1.2664	.00901	.04413
#1	.00072	.00053	-.00052	11.592	2.4511	92.176	.22353
#2	.00036	.00015	.00019	11.583	2.4076	92.188	.22367
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.6782	.00064	-.00040	-.00010	-.00020	.00265	.00126
SDev	.0751	.00026	.00064	.00049	.00011	.00056	.00204
%RSD	.77584	41.559	158.57	467.56	55.147	21.040	161.73
#1	9.6251	.00045	-.00085	.00024	-.00012	.00225	.00270
#2	9.7313	.00083	.00005	-.00045	-.00028	.00304	-.00018
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00230	.00282	.00020	-.00030	.00026	.00692	.00123
SDev	.00474	.00153	.00008	.00191	.00057	.00010	.00034
%RSD	206.11	54.391	37.234	638.99	218.87	1.4735	28.057
#1	-.00105	.00390	.00015	.00105	-.00014	.00685	.00098
#2	.00565	.00174	.00026	-.00165	.00067	.00699	.00147
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00065	.00062
SDev	.00009	.00024
%RSD	13.732	38.889
#1	.00059	.00045
#2	.00072	.00079
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6242	--	--	--	--	--	--
SDev	.7426693	--	--	--	--	--	--
%RSD	.0118982	--	--	--	--	--	--
#1	6241	--	--	--	--	--	--
#2	6242	--	--	--	--	--	--

Analysis Report 12/14/05 00:05:39 AM page 1

Method: TRACE1 Sample Name: AD570831 Operator: SW
Run Time: 12/14/05 00:00:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01410	.01434	.04121	.30814	.00023	119.33	.00003
SDev	.00288	.00057	.00074	.00038	.00002	.01	.00003
%RSD	20.397	3.9549	1.7906	.12187	8.5750	.00875	97.520
#1	-.01207	.01474	.04173	.30787	.00024	119.34	.00005
#2	-.01614	.01394	.04069	.30840	.00021	119.32	.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00029	.00081	.00106	3.5371	.93236	33.812	.15458
SDev	.00005	.00003	.00014	.0115	.00924	.050	.00010
%RSD	16.716	3.8463	13.222	.32443	.99097	.14757	.06552
#1	.00025	.00079	.00096	3.5290	.92583	33.777	.15451
#2	.00032	.00083	.00116	3.5452	.93890	33.847	.15465
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.0712	.00075	.00088	.00075	.00079	.00332	.00019
SDev	.0673	.00058	.00107	.00077	.00015	.00259	.00064
%RSD	.83414	77.399	122.71	101.83	19.400	78.175	336.16
#1	8.1188	.00034	.00163	.00021	.00069	.00515	-.00026
#2	8.0236	.00116	.00012	.00130	.00090	.00148	.00065
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00200	.00398	.00011	-.00038	.00006	.00066	.00065
SDev	.00195	.00292	.00005	.00218	.00000	.00021	.00104
%RSD	97.368	73.341	45.776	573.07	.25362	31.436	159.53
#1	.00338	.00604	.00015	.00116	.00006	.00080	.00139
#2	.00062	.00191	.00008	-.00192	.00006	.00051	-.00008
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00051	.00181
SDev	.00011	.00006
%RSD	21.845	3.2438
#1	-.00043	.00185
#2	-.00059	.00177
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6171	--	--	--	--	--	--
SDev	4.030647	--	--	--	--	--	--
%RSD	.0653143	--	--	--	--	--	--
#1	6174	--	--	--	--	--	--
#2	6168	--	--	--	--	--	--

Analysis Report 12/14/05 00:10:31 AM page 1

Method: TRACE1 Sample Name: AD570832 Operator: SW
Run Time: 12/14/05 00:05:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00506	.00825	.07085	.05378	.00039	153.32	-.00006
SDev	.00598	.00049	.00118	.00004	.00010	.31	.00002
%RSD	118.16	6.0016	1.6710	.07665	24.879	.20482	34.557
#1	.00083	.00860	.07168	.05381	.00032	153.54	-.00004
#2	.00928	.00790	.07001	.05375	.00046	153.10	-.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	.00089	.00015	1.5364	2.6893	62.667	.39657
SDev	.00017	.00057	.00019	.0078	.0466	.279	.00219
%RSD	50.018	64.009	129.86	.50925	1.7314	.44529	.55299
#1	.00022	.00049	.00028	1.5309	2.6564	62.865	.39812
#2	.00045	.00129	.00001	1.5419	2.7222	62.470	.39502
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	61.449	.00091	.00113	.00075	.00088	.00167	.00166
SDev	.036	.00066	.00029	.00127	.00075	.00125	.00133
%RSD	.05826	72.443	25.448	168.84	85.476	74.714	79.984
#1	61.424	.00045	.00093	.00164	.00141	.00079	.00260
#2	61.475	.00138	.00133	-.00015	.00035	.00255	.00072
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00416	.00043	-.00010	-.00008	.00020	.00159	-.00171
SDev	.00018	.00178	.00006	.00098	.00035	.00009	.00018
%RSD	4.3559	415.86	57.711	1262.9	176.35	5.6063	10.447
#1	.00403	-.00083	-.00014	.00062	-.00005	.00165	-.00184
#2	.00429	.00169	-.00006	-.00077	.00045	.00152	-.00158
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00013	.00207
SDev	.00029	.00082
%RSD	223.68	39.355
#1	-.00033	.00265
#2	.00007	.00150
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6134	--	--	--	--	--	--
SDev	22.91019	--	--	--	--	--	--
%RSD	.3734708	--	--	--	--	--	--
#1	6151	--	--	--	--	--	--
#2	6118	--	--	--	--	--	--

Analysis Report 12/14/05 00:15:23 AM page 1

Method: TRACE1 Sample Name: AD570833 Operator: SW
Run Time: 12/14/05 00:10:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01481	.00351	.04607	.08889	.00049	188.80	-.00016
SDev	.00046	.00082	.00070	.00028	.00001	.04	.00001
%RSD	3.0734	23.408	1.5206	.31696	1.8496	.02120	6.5690
#1	.01449	.00293	.04656	.08909	.00050	188.83	-.00016
#2	.01513	.00409	.04557	.08869	.00048	188.77	-.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00102	.00039	-.00019	5.6884	.85720	56.144	.23341
SDev	.00005	.00035	.00009	.0054	.01047	.068	.00019
%RSD	4.6444	88.980	47.708	.09412	1.2214	.12063	.08051
#1	.00099	.00064	-.00012	5.6922	.86460	56.192	.23355
#2	.00106	.00014	-.00025	5.6846	.84980	56.096	.23328
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.532	.00121	.00047	.00049	.00048	.00284	.00014
SDev	.067	.00030	.00080	.00084	.00083	.00211	.00096
%RSD	.26373	24.779	169.96	172.55	171.71	74.333	666.87
#1	25.484	.00100	.00104	.00108	.00107	.00433	.00082
#2	25.579	.00142	-.00010	-.00011	-.00010	.00134	-.00053
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00184	.00333	.00002	-.00270	.00041	.00120	.00041
SDev	.00190	.00221	.00015	.00054	.00011	.00032	.00001
%RSD	103.48	66.288	842.69	20.004	27.465	26.602	1.6471
#1	.00319	.00490	-.00009	-.00232	.00033	.00143	.00042
#2	.00049	.00177	.00013	-.00309	.00049	.00098	.00041
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00011	.00054
SDev	.00003	.00049
%RSD	28.399	90.816
#1	.00009	.00088
#2	.00013	.00019
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6227	--	--	--	--	--	--
SDev	15.06158	--	--	--	--	--	--
%RSD	.2418657	--	--	--	--	--	--
#1	6217	--	--	--	--	--	--
#2	6238	--	--	--	--	--	--

Analysis Report 12/14/05 00:20:15 AM page 1

Method: TRACE1 Sample Name: AD570834 Operator: SW
Run Time: 12/14/05 00:15:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01998	-.00073	.04020	.07098	.00059	160.67	-.00015
SDev	.00441	.00008	.00026	.00004	.00001	.01	.00007
%RSD	22.052	11.298	.65523	.05390	1.5900	.00334	43.791
#1	.02309	-.00068	.04001	.07096	.00060	160.67	-.00010
#2	.01686	-.00079	.04039	.07101	.00059	160.67	-.00020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00066	.00061	-.00021	.41070	3.4762	41.415	.70702
SDev	.00028	.00036	.00021	.00367	.0188	.041	.00007
%RSD	42.455	58.930	102.40	.89355	.53973	.10017	.01067
#1	.00085	.00087	-.00006	.40810	3.4894	41.386	.70707
#2	.00046	.00036	-.00036	.41329	3.4629	41.445	.70696
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.787	.00171	.00110	.00093	.00099	.00108	.00027
SDev	.150	.00036	.00060	.00068	.00066	.00090	.00292
%RSD	.60378	21.247	54.803	73.399	66.520	83.024	1071.6
#1	24.893	.00197	.00067	.00045	.00052	.00172	.00234
#2	24.681	.00145	.00152	.00142	.00145	.00045	-.00179
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00250	.00037	-.00007	-.00187	.00006	.00042	.00159
SDev	.00375	.00052	.00028	.00060	.00012	.00020	.00034
%RSD	149.86	139.97	376.96	32.257	189.23	48.715	21.411
#1	.00515	.00000	.00012	-.00144	-.00002	.00056	.00183
#2	-.00015	.00075	-.00027	-.00229	.00014	.00027	.00135
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00051	.00115
SDev	.00003	.00109
%RSD	4.9365	94.868
#1	.00049	.00192
#2	.00053	.00038
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6176	--	--	--	--	--	--
SDev	12.62192	--	--	--	--	--	--
%RSD	.2043598	--	--	--	--	--	--
#1	6185	--	--	--	--	--	--
#2	6167	--	--	--	--	--	--

Analysis Report 12/14/05 00:25:08 AM page 1

Method: TRACE1 Sample Name: AD570835 Operator: SW
Run Time: 12/14/05 00:20:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01238	.00496	.08571	.08200	.00062	203.38	-.00024
SDev	.00168	.00013	.00108	.00000	.00002	.27	.00019
%RSD	13.581	2.5874	1.2625	.00198	3.5936	.13515	79.125
#1	.01357	.00505	.08648	.08200	.00064	203.58	-.00010
#2	.01119	.00487	.08495	.08200	.00061	203.19	-.00037
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00131	.00038	-.00006	2.1151	3.7269	57.207	1.0223
SDev	.00011	.00028	.00026	.0022	.0004	.012	.0005
%RSD	8.4150	74.044	438.65	.10488	.00991	.02094	.04725
#1	.00123	.00058	-.00025	2.1136	3.7272	57.216	1.0227
#2	.00139	.00018	.00013	2.1167	3.7266	57.199	1.0220
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	29.661	.00338	-.00030	.00069	.00036	.00030	.00003
SDev	.056	.00018	.00080	.00024	.00011	.00076	.00112
%RSD	.18845	5.2816	263.13	34.627	30.071	253.87	3351.3
#1	29.700	.00351	.00026	.00052	.00043	-.00024	-.00076
#2	29.621	.00326	-.00087	.00086	.00028	.00084	.00083
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00058	.00016	-.00000	-.00132	-.00023	.00083	-.00093
SDev	.00282	.00026	.00004	.00249	.00000	.00022	.00302
%RSD	485.08	164.46	1302.6	188.24	.14485	26.491	323.80
#1	-.00141	.00035	-.00003	.00044	-.00023	.00099	.00120
#2	.00258	-.00003	.00002	-.00308	-.00023	.00068	-.00307
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00010	.00130
SDev	.00023	.00096
%RSD	222.76	73.598
#1	.00026	.00063
#2	-.00006	.00198
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6051	--	--	--	--	--	--
SDev	12.19759	--	--	--	--	--	--
%RSD	.2015822	--	--	--	--	--	--
#1	6042	--	--	--	--	--	--
#2	6060	--	--	--	--	--	--

Analysis Report 12/14/05 00:30:00 AM page 1

Method: TRACE1 Sample Name: AD570836 Operator: SW
Run Time: 12/14/05 00:25:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00777	-.00115	.09365	.02776	.00066	240.72	-.00018
SDev	.00023	.00189	.00011	.00005	.00003	.11	.00008
%RSD	2.9036	163.97	.11552	.18463	3.9672	.04717	43.736
#1	.00761	.00018	.09373	.02779	.00068	240.64	-.00012
#2	.00793	-.00249	.09358	.02772	.00064	240.80	-.00024
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00011	.00042	.00210	-.01216	4.4219	88.346	.00194
SDev	.00005	.00032	.00001	.00356	.0368	.115	.00006
%RSD	51.696	74.881	.25872	29.276	.83187	.13012	3.2488
#1	.00007	.00065	.00210	-.00964	4.4479	88.265	.00198
#2	.00014	.00020	.00209	-.01468	4.3959	88.428	.00190
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	14.359	.00152	.00066	.00116	.00099	.00147	-.00332
SDev	.095	.00013	.00001	.00091	.00061	.00307	.00108
%RSD	.66301	8.8282	1.7039	78.376	61.397	209.51	32.632
#1	14.426	.00142	.00065	.00052	.00056	-.00071	-.00255
#2	14.291	.00161	.00067	.00180	.00142	.00364	-.00408
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00287	.00076	-.00022	-.00131	-.00009	.01120	-.00234
SDev	.00353	.00284	.00006	.00029	.00012	.00058	.00036
%RSD	122.98	372.29	26.268	21.766	126.82	5.1863	15.401
#1	.00037	-.00125	-.00018	-.00111	-.00018	.01079	-.00209
#2	.00537	.00277	-.00027	-.00151	-.00001	.01161	-.00260
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00001	.00115
SDev	.00031	.00008
%RSD	2247.2	7.0165
#1	.00023	.00110
#2	-.00020	.00121
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5971	--	--	--	--	--	--
SDev	28.74382	--	--	--	--	--	--
%RSD	.4813682	--	--	--	--	--	--
#1	5951	--	--	--	--	--	--
#2	5992	--	--	--	--	--	--

Analysis Report 12/14/05 00:34:52 AM page 1

Method: TRACE1 Sample Name: AD570837 Operator: SW
Run Time: 12/14/05 00:30:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00820	-.00041	.01532	.07648	.00042	100.12	-.00021
SDev	.00590	.00081	.00018	.00015	.00006	.17	.00006
%RSD	71.978	197.63	1.1803	.19152	14.393	.17142	30.790
#1	.00403	.00016	.01545	.07638	.00038	99.999	-.00017
#2	.01238	-.00099	.01519	.07659	.00046	100.24	-.00026
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00036	.00130	.00067	-.00886	1.4819	52.738	-.00004
SDev	.00018	.00068	.00002	.00143	.0109	.015	.00005
%RSD	50.784	52.128	3.2776	16.113	.73751	.02777	143.06
#1	.00048	.00082	.00065	-.00785	1.4741	52.727	-.00007
#2	.00023	.00178	.00068	-.00987	1.4896	52.748	.00000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.7640	.00093	.00083	.00069	.00073	.00324	-.00220
SDev	.0990	.00004	.00003	.00051	.00035	.00114	.00155
%RSD	2.0786	4.5410	4.1880	73.564	47.466	35.291	70.251
#1	4.6940	.00090	.00080	.00033	.00049	.00405	-.00111
#2	4.8340	.00096	.00085	.00104	.00098	.00243	-.00329
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00650	.00161	-.00019	-.00106	.00144	-.00037	-.00139
SDev	.00133	.00105	.00007	.00084	.00023	.00020	.00103
%RSD	20.446	65.264	39.381	79.255	16.137	54.313	73.896
#1	.00744	.00235	-.00024	-.00165	.00128	-.00023	-.00066
#2	.00556	.00087	-.00014	-.00047	.00161	-.00051	-.00211
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00012	-.00132
SDev	.00012	.00063
%RSD	99.695	48.094
#1	-.00021	-.00176
#2	-.00004	-.00087
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6259	--	--	--	--	--	--
SDev	19.51622	--	--	--	--	--	--
%RSD	.3118304	--	--	--	--	--	--
#1	6272	--	--	--	--	--	--
#2	6245	--	--	--	--	--	--

Analysis Report 12/14/05 00:39:45 AM page 1

Method: TRACE1 Sample Name: AD570838 Operator: SW
Run Time: 12/14/05 00:34:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00985	.00035	.01323	.05359	.00034	69.931	-.00005
SDev	.00182	.00090	.00036	.00005	.00004	.051	.00011
%RSD	18.433	260.47	2.6963	.09030	10.407	.07286	216.12
#1	.01114	.00098	.01349	.05355	.00032	69.967	-.00012
#2	.00857	-.00029	.01298	.05362	.00037	69.895	.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	.00144	.00048	-.00927	1.3019	40.352	.00003
SDev	.00001	.00004	.00002	.00201	.0159	.068	.00005
%RSD	3.2201	2.5434	4.3515	21.718	1.2224	.16863	150.14
#1	.00045	.00146	.00046	-.01069	1.2907	40.400	-.00000
#2	.00043	.00141	.00049	-.00785	1.3132	40.304	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.6944	.00026	-.00034	.00219	.00135	.00358	.00050
SDev	.0480	.00012	.00035	.00114	.00088	.00101	.00021
%RSD	1.0215	45.529	103.29	52.161	65.344	28.162	41.941
#1	4.7284	.00034	-.00059	.00138	.00073	.00429	.00065
#2	4.6605	.00017	-.00009	.00300	.00197	.00286	.00035
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00340	.00366	.00004	.00043	.00023	.00289	.00018
SDev	.00284	.00009	.00010	.00115	.00011	.00008	.00155
%RSD	83.497	2.5065	219.83	267.21	48.881	2.7624	856.35
#1	.00540	.00373	-.00002	-.00038	.00031	.00294	-.00091
#2	.00139	.00360	.00011	.00125	.00015	.00283	.00128
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00043	.00006
SDev	.00008	.00025
%RSD	19.579	427.73
#1	.00037	-.00012
#2	.00049	.00023
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6290	--	--	--	--	--	--
SDev	25.66784	--	--	--	--	--	--
%RSD	.4080770	--	--	--	--	--	--
#1	6308	--	--	--	--	--	--
#2	6272	--	--	--	--	--	--

Analysis Report 12/14/05 00:44:37 AM page 1

Method: TRACE1 Sample Name: AD570839 Operator: SW
Run Time: 12/14/05 00:39:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00831	.00134	.11980	.06519	.00027	87.264	-.00003
SDev	.00098	.00004	.00031	.00007	.00002	.013	.00003
%RSD	11.813	2.6577	.25982	.10275	5.5416	.01502	96.659
#1	.00900	.00137	.12002	.06514	.00028	87.273	-.00005
#2	.00761	.00132	.11958	.06524	.00026	87.255	-.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	.00204	.00205	.00739	1.3731	45.796	.00035
SDev	.00015	.00001	.00032	.00486	.0114	.013	.00005
%RSD	60.043	.42520	15.554	65.776	.83196	.02903	14.569
#1	.00015	.00204	.00227	.00395	1.3650	45.786	.00032
#2	.00036	.00203	.00182	.01082	1.3812	45.805	.00039
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.7274	.00059	.00080	-.00032	.00005	.00187	-.00186
SDev	.0620	.00012	.00100	.00023	.00049	.00081	.00159
%RSD	1.3125	20.594	124.89	72.223	894.89	43.325	85.438
#1	4.6835	.00050	.00009	-.00048	-.00029	.00245	-.00298
#2	4.7712	.00067	.00151	-.00016	.00040	.00130	-.00073
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00403	.00080	.00008	-.00196	.00168	.00175	-.00017
SDev	.00148	.00196	.00007	.00484	.00035	.00030	.00207
%RSD	36.871	245.79	84.092	246.73	20.559	17.051	1219.5
#1	.00298	.00218	.00003	.00146	.00144	.00196	-.00163
#2	.00508	-.00059	.00013	-.00538	.00193	.00154	.00129
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00035	-.00045
SDev	.00033	.00066
%RSD	94.691	148.06
#1	.00059	.00002
#2	.00012	-.00091
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6258	--	--	--	--	--	--
SDev	15.27323	--	--	--	--	--	--
%RSD	.2440768	--	--	--	--	--	--
#1	6268	--	--	--	--	--	--
#2	6247	--	--	--	--	--	--

Analysis Report QC Standard 12/14/05 00:50:49 AM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 12/14/05 00:46:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.765	.49281	.48023	.48751	.49831	25.631	.49834
SDev	.104	.00271	.00083	.00150	.00091	.103	.00135
%RSD	.40490	.55011	.17345	.30794	.18223	.40335	.27149
#1	25.691	.49090	.48082	.48645	.49895	25.558	.49738
#2	25.839	.49473	.47964	.48857	.49767	25.704	.49930
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49458	.49711	.51274	25.111	25.815	25.333	.50947
SDev	.00040	.00218	.00218	.089	.347	.071	.00153
%RSD	.08019	.43888	.42491	.35633	1.3428	.28024	.30131
#1	.49430	.49556	.51120	25.047	26.060	25.283	.50839
#2	.49486	.49865	.51428	25.174	25.570	25.384	.51056
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.250	.49901	.49841	.49534	.49636	.49956	.50352
SDev	.001	.00091	.00134	.00025	.00028	.00140	.00087
%RSD	.00371	.18167	.26809	.05102	.05568	.28054	.17304
#1	25.251	.49965	.49746	.49551	.49616	.50055	.50290
#2	25.250	.49837	.49935	.49516	.49655	.49857	.50414
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50771	.49549	.51260	.51374	.50106	.49037	.50426
SDev	.00042	.00189	.00230	.00349	.00112	.00212	.00246
%RSD	.08216	.38218	.44827	.68015	.22262	.43311	.48706
#1	.50801	.49683	.51098	.51127	.50027	.48887	.50252
#2	.50742	.49416	.51423	.51621	.50185	.49187	.50599
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.49474	.49373
SDev	.00137	.00226
%RSD	.27713	.45792
#1	.49377	.49213
#2	.49571	.49533
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6169	--	--	--	--	--	--
SDev	23.22853	--	--	--	--	--	--
%RSD	.3765470	--	--	--	--	--	--
#1	6152	--	--	--	--	--	--
#2	6185	--	--	--	--	--	--

Analysis Report Blank Sample 12/14/05 00:55:41 AM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 12/14/05 00:50:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02974	-.00023	.00159	-.00007	.00046	.01779	-.00008
SDev	.00375	.00066	.00066	.00000	.00004	.00038	.00009
%RSD	12.604	283.35	41.406	.35184	8.4943	2.1242	113.09
#1	.02709	.00024	.00205	-.00007	.00043	.01806	-.00002
#2	.03239	-.00070	.00112	-.00007	.00049	.01753	-.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00011	.00007	-.00043	-.00052	-.02444	.01011	-.00009
SDev	.00042	.00018	.00010	.00349	.00806	.00200	.00002
%RSD	372.81	271.69	22.750	666.44	32.955	19.785	28.245
#1	.00041	-.00006	-.00036	.00195	-.01875	.00869	-.00007
#2	-.00019	.00020	-.00050	-.00299	-.03014	.01152	-.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.05296	.00020	.00185	.00108	.00134	.00098	-.00005
SDev	.13590	.00016	.00017	.00045	.00024	.00020	.00046
%RSD	256.62	82.301	9.3013	41.895	18.285	20.517	954.33
#1	.04314	.00032	.00173	.00140	.00151	.00113	-.00037
#2	-.14905	.00008	.00198	.00076	.00117	.00084	.00028
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00254	.00021	-.00005	-.00066	-.00001	-.00152	.00082
SDev	.00103	.00082	.00007	.00095	.00023	.00042	.00033
%RSD	40.784	395.92	123.40	143.52	2290.3	27.502	40.695
#1	.00180	.00079	-.00010	.00001	-.00017	-.00182	.00106
#2	.00327	-.00037	-.00001	-.00133	.00015	-.00123	.00058
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00002	-.00093
SDev	.00022	.00045
%RSD	878.26	48.594
#1	.00013	-.00061
#2	-.00018	-.00125
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6218	--	--	--	--	--	--
SDev	21.10721	--	--	--	--	--	--
%RSD	.3394765	--	--	--	--	--	--
#1	6233	--	--	--	--	--	--
#2	6203	--	--	--	--	--	--

Analysis Report 12/14/05 01:00:33 AM page 1

Method: TRACE1 Sample Name: AD570839/L (1:5) Operator: SW
Run Time: 12/14/05 00:55:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00714	-.00204	.02524	.01317	.00020	17.808	.00006
SDev	.00151	.00025	.00013	.00003	.00004	.044	.00004
%RSD	21.138	12.277	.53119	.20004	19.127	.24795	60.895
#1	.00821	-.00222	.02515	.01315	.00023	17.777	.00004
#2	.00607	-.00187	.02534	.01319	.00017	17.839	.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	.00056	.00021	-.00136	.25643	9.2653	.00001
SDev	.00005	.00015	.00018	.00069	.00089	.0225	.00007
%RSD	38.391	26.477	87.657	50.876	.34690	.24291	504.30
#1	.00015	.00045	.00008	-.00185	.25706	9.2494	-.00004
#2	.00009	.00066	.00034	-.00087	.25580	9.2812	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.91380	.00003	.00021	.00027	.00025	.00373	-.00099
SDev	.07530	.00057	.00006	.00058	.00040	.00016	.00519
%RSD	8.2404	1908.6	25.503	213.95	160.42	4.2324	522.76
#1	.86055	-.00037	.00025	.00068	.00054	.00362	-.00466
#2	.96705	.00043	.00018	-.00014	-.00003	.00384	.00268
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00373	.00373	.00001	-.00125	.00039	-.00176	.00064
SDev	.00189	.00071	.00026	.00172	.00011	.00010	.00085
%RSD	50.728	19.019	2336.6	137.15	28.991	5.7825	132.41
#1	.00239	.00423	.00020	-.00246	.00047	-.00169	.00004
#2	.00506	.00323	-.00018	-.00004	.00031	-.00183	.00124
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00028	-.00048
SDev	.00026	.00080
%RSD	95.100	167.58
#1	.00046	-.00105
#2	.00009	.00009
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6329	--	--	--	--	--	--
SDev	.1059970	--	--	--	--	--	--
%RSD	.0016747	--	--	--	--	--	--
#1	6330	--	--	--	--	--	--
#2	6329	--	--	--	--	--	--

Analysis Report 12/14/05 01:05:26 AM page 1

Method: TRACE1 Sample Name: AD570839/PS Operator: SW
Run Time: 12/14/05 01:00:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.222	.20413	.32099	.26925	.20248	96.363	.20206
SDev	.004	.00028	.00072	.00019	.00046	.006	.00049
%RSD	.03694	.13643	.22425	.07065	.22841	.00663	.24521
#1	10.219	.20432	.32150	.26911	.20281	96.367	.20241
#2	10.225	.20393	.32048	.26938	.20215	96.358	.20171
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20174	.20300	.20654	10.230	12.289	55.462	.20152
SDev	.00090	.00030	.00063	.013	.144	.092	.00022
%RSD	.44536	.14644	.30710	.13181	1.1723	.16546	.11186
#1	.20237	.20279	.20609	10.240	12.391	55.527	.20168
#2	.20110	.20321	.20699	10.221	12.187	55.397	.20136
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.469	.19880	.20293	.20275	.20281	.20541	.20229
SDev	.102	.00122	.00228	.00011	.00084	.00056	.00263
%RSD	.66185	.61563	1.1247	.05521	.41158	.27451	1.3001
#1	15.397	.19966	.20454	.20283	.20340	.20581	.20043
#2	15.542	.19793	.20132	.20267	.20222	.20501	.20415
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20254	.20685	.20663	.21115	.20673	.19785	.20049
SDev	.00083	.00126	.00029	.00263	.00038	.00003	.00044
%RSD	.40984	.60955	.14089	1.2451	.18336	.01423	.21929
#1	.20195	.20774	.20642	.21301	.20646	.19783	.20018
#2	.20313	.20596	.20684	.20929	.20699	.19787	.20080
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05093	.20476
SDev	.00027	.00164
%RSD	.52551	.80210
#1	.05074	.20592
#2	.05112	.20360
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6260	--	--	--	--	--	--
SDev	2.333314	--	--	--	--	--	--
%RSD	.0372755	--	--	--	--	--	--
#1	6258	--	--	--	--	--	--
#2	6261	--	--	--	--	--	--

Analysis Report 12/14/05 01:10:18 AM page 1

Method: TRACE1 Sample Name: AD570840/MS Operator: SW
Run Time: 12/14/05 01:05:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.7471	.19610	.31352	.26087	.19380	98.554	.19500
SDev	.0020	.00126	.00067	.00023	.00022	.122	.00032
%RSD	.02002	.64285	.21203	.08658	.11635	.12398	.16546
#1	9.7457	.19699	.31399	.26071	.19396	98.468	.19478
#2	9.7485	.19521	.31305	.26103	.19364	98.640	.19523
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19269	.19501	.19580	9.7459	11.694	56.438	.19499
SDev	.00036	.00028	.00024	.0054	.096	.020	.00002
%RSD	.18779	.14599	.12446	.05554	.81810	.03615	.00929
#1	.19295	.19480	.19597	9.7421	11.761	56.452	.19501
#2	.19243	.19521	.19563	9.7498	11.626	56.424	.19498
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	14.910	.19169	.19711	.19563	.19612	.19857	.19965
SDev	.062	.00028	.00015	.00011	.00002	.00243	.00298
%RSD	.41597	.14890	.07689	.05601	.01153	1.2250	1.4953
#1	14.866	.19190	.19722	.19556	.19611	.20029	.19753
#2	14.953	.19149	.19700	.19571	.19614	.19685	.20176
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20174	.19698	.19682	.19962	.19606	.19925	.19356
SDev	.00056	.00337	.00011	.00167	.00033	.00025	.00006
%RSD	.27951	1.7092	.05623	.83505	.16827	.12715	.02821
#1	.20214	.19936	.19674	.19844	.19583	.19943	.19352
#2	.20135	.19460	.19690	.20080	.19629	.19907	.19359
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05113	.19398
SDev	.00000	.00012
%RSD	.00209	.06307
#1	.05113	.19407
#2	.05113	.19389
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6279	--	--	--	--	--	--
SDev	36.69877	--	--	--	--	--	--
%RSD	.5844824	--	--	--	--	--	--
#1	6253	--	--	--	--	--	--
#2	6305	--	--	--	--	--	--

Analysis Report 12/14/05 01:15:11 AM page 1

Method: TRACE1 Sample Name: AD570841/SD Operator: SW
Run Time: 12/14/05 01:10:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9940	.20145	.31602	.26402	.19674	99.202	.19994
SDev	.0121	.00044	.00037	.00032	.00023	.013	.00014
%RSD	.12059	.21931	.11624	.12263	.11837	.01323	.06945
#1	9.9855	.20176	.31628	.26379	.19691	99.211	.20004
#2	10.003	.20114	.31576	.26425	.19658	99.192	.19985
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19714	.19864	.19767	9.9607	11.901	56.702	.19829
SDev	.00011	.00016	.00026	.0023	.041	.047	.00010
%RSD	.05704	.08209	.13219	.02319	.34714	.08341	.05098
#1	.19706	.19852	.19749	9.9623	11.930	56.736	.19836
#2	.19722	.19875	.19786	9.9591	11.872	56.669	.19822
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.095	.19488	.19905	.19932	.19923	.20298	.20298
SDev	.133	.00006	.00201	.00100	.00001	.00102	.00003
%RSD	.88217	.03248	1.0120	.50078	.00250	.50330	.01596
#1	15.189	.19492	.20047	.19862	.19923	.20226	.20296
#2	15.001	.19483	.19762	.20003	.19923	.20370	.20301
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20726	.20085	.19982	.20262	.19929	.20203	.19553
SDev	.00247	.00277	.00028	.00165	.00000	.00023	.00265
%RSD	1.1917	1.3779	.13969	.81543	.00088	.11585	1.3554
#1	.20901	.19889	.20002	.20378	.19929	.20220	.19741
#2	.20551	.20280	.19963	.20145	.19929	.20187	.19366
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05195	.19685
SDev	.00014	.00090
%RSD	.27428	.45535
#1	.05205	.19622
#2	.05185	.19749
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6205	--	--	--	--	--	--
SDev	7.106285	--	--	--	--	--	--
%RSD	.1145284	--	--	--	--	--	--
#1	6200	--	--	--	--	--	--
#2	6210	--	--	--	--	--	--

Analysis Report 12/14/05 01:20:04 AM page 1

Method: TRACE1 Sample Name: AD570842 Operator: SW
Run Time: 12/14/05 01:15:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00674	-.00019	.00969	.06074	.00038	84.131	-.00003
SDev	.00277	.00077	.00144	.00019	.00002	.074	.00010
%RSD	41.053	407.30	14.822	.31744	4.7788	.08755	347.80
#1	.00869	.00036	.01070	.06060	.00039	84.079	.00004
#2	.00478	-.00073	.00867	.06088	.00037	84.183	-.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	.00193	.00119	.00244	1.3647	42.706	.00007
SDev	.00005	.00006	.00040	.01195	.0100	.063	.00010
%RSD	71.320	3.1736	33.181	490.28	.73294	.14821	136.57
#1	.00010	.00197	.00147	.01089	1.3718	42.661	.00015
#2	.00003	.00188	.00091	-.00601	1.3577	42.751	.00000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.6661	.00008	.00068	.00144	.00119	.00132	.00152
SDev	.1628	.00107	.00081	.00055	.00010	.00078	.00114
%RSD	6.1046	1339.9	119.26	38.298	8.2822	59.257	75.326
#1	2.7812	.00083	.00011	.00183	.00126	.00188	.00071
#2	2.5510	-.00068	.00125	.00105	.00112	.00077	.00233
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00136	.00130	.00032	-.00028	.00048	.00099	.00145
SDev	.00056	.00146	.00014	.00045	.00023	.00000	.00121
%RSD	41.508	111.92	42.889	160.63	48.164	.16559	83.867
#1	.00096	.00233	.00022	.00004	.00064	.00099	.00231
#2	.00176	.00027	.00041	-.00060	.00032	.00099	.00059
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00083	-.00032
SDev	.00061	.00058
%RSD	73.562	178.28
#1	.00126	-.00073
#2	.00040	.00008
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6192	--	--	--	--	--	--
SDev	2.121320	--	--	--	--	--	--
%RSD	.0342615	--	--	--	--	--	--
#1	6190	--	--	--	--	--	--
#2	6193	--	--	--	--	--	--

Analysis Report 12/14/05 01:24:56 AM page 1

Method: TRACE1 Sample Name: AD570843 Operator: SW
Run Time: 12/14/05 01:20:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00291	-.00066	.00156	.00030	.00021	.25084	-.00014
SDev	.00246	.00037	.00017	.00010	.00002	.00017	.00011
%RSD	84.567	55.856	11.096	31.871	8.0584	.06598	78.009
#1	.00465	-.00040	.00169	.00023	.00022	.25096	-.00006
#2	.00117	-.00092	.00144	.00036	.00019	.25073	-.00022
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	.00035	.00058	.00292	.01520	.07565	.00006
SDev	.00051	.00021	.00000	.00700	.00673	.00616	.00003
%RSD	199.28	60.053	.12728	239.82	44.278	8.1481	42.913
#1	-.00010	.00050	.00058	-.00203	.01995	.08001	.00007
#2	.00061	.00020	.00058	.00787	.01044	.07130	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01737	-.00003	.00012	.00058	.00043	.00101	-.00019
SDev	.05603	.00014	.00036	.00045	.00042	.00024	.00226
%RSD	322.52	522.85	299.15	77.729	98.709	24.293	1162.1
#1	-.05699	-.00012	.00038	.00090	.00073	.00083	-.00179
#2	.02225	.00007	-.00014	.00026	.00013	.00118	.00140
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00155	.00074	.00017	-.00159	.00023	-.00004	.00035
SDev	.00206	.00066	.00028	.00251	.00035	.00022	.00208
%RSD	133.25	89.943	168.44	158.00	147.71	565.45	593.35
#1	.00009	.00121	-.00003	.00019	-.00001	-.00019	.00182
#2	.00300	.00027	.00036	-.00336	.00048	.00011	-.00112
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00055	-.00159
SDev	.00029	.00006
%RSD	53.770	3.8459
#1	.00034	-.00164
#2	.00076	-.00155
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6175	--	--	--	--	--	--
SDev	14.21292	--	--	--	--	--	--
%RSD	.2301780	--	--	--	--	--	--
#1	6185	--	--	--	--	--	--
#2	6165	--	--	--	--	--	--

Analysis Report 12/14/05 01:29:49 AM page 1

Method: TRACE1 Sample Name: AD570904/PB Operator: SW
Run Time: 12/14/05 01:25:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00043	.00002	.00028	.00012	.00021	.01182	-.00022
SDev	.00258	.00127	.00037	.00000	.00002	.00167	.00021
%RSD	593.22	6156.9	132.03	.34984	10.343	14.144	95.598
#1	-.00139	-.00088	.00054	.00012	.00019	.01300	-.00007
#2	.00226	.00092	.00002	.00012	.00022	.01064	-.00037
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00028	.00043	.00081	.00590	.01526	.00216	-.00005
SDev	.00016	.00003	.00023	.00560	.00483	.00218	.00003
%RSD	55.721	6.6386	28.530	94.966	31.684	101.08	48.774
#1	.00017	.00041	.00065	.00194	.01184	.00062	-.00007
#2	.00039	.00045	.00098	.00986	.01868	.00371	-.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01083	.00008	.00163	-.00009	.00048	.00305	-.00099
SDev	.00513	.00016	.00014	.00054	.00041	.00060	.00114
%RSD	47.381	189.47	8.8172	571.57	85.485	19.788	115.48
#1	.00720	-.00003	.00173	.00029	.00077	.00262	-.00179
#2	.01446	.00020	.00153	-.00048	.00019	.00347	-.00018
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00727	.00094	.00026	-.00090	.00040	-.00123	.00107
SDev	.00135	.00158	.00020	.00204	.00012	.00041	.00035
%RSD	18.618	168.70	79.241	227.00	29.244	33.701	32.732
#1	.00822	-.00018	.00011	-.00234	.00048	-.00152	.00132
#2	.00631	.00206	.00040	.00054	.00031	-.00094	.00082
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00060	.00006
SDev	.00017	.00094
%RSD	28.327	1589.6
#1	.00048	-.00060
#2	.00072	.00072
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6205	--	--	--	--	--	--
SDev	9.545941	--	--	--	--	--	--
%RSD	.1538378	--	--	--	--	--	--
#1	6198	--	--	--	--	--	--
#2	6212	--	--	--	--	--	--

Analysis Report 12/14/05 01:34:41 AM page 1

Method: TRACE1 Sample Name: AD570903/FB Operator: SW
Run Time: 12/14/05 01:29:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.040	.20227	.19447	.20266	.20165	10.131	.20377
SDev	.015	.00042	.00032	.00059	.00078	.020	.00065
%RSD	.14491	.20537	.16673	.29125	.38523	.19800	.31789
#1	10.051	.20197	.19424	.20308	.20220	10.145	.20423
#2	10.030	.20256	.19470	.20225	.20110	10.117	.20332
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20314	.20307	.20177	10.191	9.8632	10.103	.20089
SDev	.00028	.00018	.00070	.020	.0135	.028	.00032
%RSD	.13574	.08826	.34672	.19231	.13710	.27710	.16177
#1	.20333	.20320	.20226	10.205	9.8537	10.122	.20112
#2	.20294	.20295	.20127	10.177	9.8728	10.083	.20066
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.416	.20382	.20506	.20432	.20456	.20299	.20310
SDev	.085	.00034	.00175	.00082	.00113	.00215	.00199
%RSD	.81893	.16535	.85545	.40059	.55242	1.0617	.98136
#1	10.356	.20405	.20382	.20374	.20377	.20147	.20451
#2	10.477	.20358	.20630	.20490	.20536	.20452	.20169
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	11.500	.23000			.23000	.23000	.23000
Low	8.5000	.17000			.17000	.17000	.17000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20380	.20259	.20386	.20327	.20205	.21425	.20426
SDev	.00132	.00389	.00021	.00329	.00028	.00105	.00223
%RSD	.64639	1.9208	.10125	1.6204	.13791	.49074	1.0926
#1	.20473	.19984	.20401	.20560	.20225	.21500	.20584
#2	.20287	.20535	.20372	.20094	.20185	.21351	.20268
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.23000	.23000	.23000	.23000	.23000
Low			.17000	.17000	.17000	.17000	.17000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05169	.20303
SDev	.00009	.00112
%RSD	.18212	.55154
#1	.05162	.20382
#2	.05175	.20224
Errors	LC Pass	NOCHECK
High	.05750	
Low	.04250	

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6230	--	--	--	--	--	--
SDev	5.515295	--	--	--	--	--	--
%RSD	.0885308	--	--	--	--	--	--
#1	6234	--	--	--	--	--	--
#2	6226	--	--	--	--	--	--

Analysis Report 12/14/05 01:39:33 AM page 1

Method: TRACE1 Sample Name: AD570885 Operator: SW
Run Time: 12/14/05 01:34:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48259	.00201	.01141	.07082	.00045	103.22	-.00039
SDev	.00101	.00127	.00008	.00012	.00002	.13	.00014
%RSD	.20833	63.079	.68116	.16243	3.7080	.12960	34.756
#1	.48188	.00290	.01146	.07090	.00046	103.32	-.00030
#2	.48330	.00111	.01135	.07074	.00044	103.13	-.00049
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00582	.00072	.00074	73.140	2.5598	22.795	2.2664
SDev	.00055	.00009	.00047	.111	.0105	.038	.0028
%RSD	9.5063	12.428	62.759	.15232	.41184	.16616	.12310
#1	.00543	.00066	.00041	73.219	2.5672	22.822	2.2683
#2	.00621	.00078	.00107	73.061	2.5523	22.769	2.2644
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.083	.00084	.00301	.00214	.00243	.00411	.00099
SDev	.013	.00030	.00064	.00069	.00025	.00071	.00111
%RSD	.07785	35.958	21.128	32.276	10.239	17.367	112.21
#1	16.092	.00063	.00346	.00165	.00226	.00360	.00177
#2	16.074	.00106	.00256	.00263	.00261	.00461	.00020
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00057	.00588	.01458	.00064	.00231	-.00065	-.00048
SDev	.00298	.00042	.00033	.00136	.00035	.00052	.00349
%RSD	523.87	7.1325	2.2825	212.21	14.982	80.101	722.21
#1	-.00154	.00617	.01482	-.00032	.00207	-.00102	-.00295
#2	.00267	.00558	.01434	.00160	.00256	-.00028	.00198
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00019	-.00050
SDev	.00021	.00043
%RSD	107.07	85.947
#1	.00005	-.00080
#2	.00034	-.00019
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6149	--	--	--	--	--	--
SDev	7.636615	--	--	--	--	--	--
%RSD	.1241938	--	--	--	--	--	--
#1	6144	--	--	--	--	--	--
#2	6154	--	--	--	--	--	--

Analysis Report 12/14/05 01:44:26 AM page 1

Method: TRACE1 Sample Name: AD570886 Operator: SW
Run Time: 12/14/05 01:39:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00562	.00341	.01127	.01135	.00034	72.288	-.00026
SDev	.00211	.00142	.00012	.00003	.00003	.057	.00016
%RSD	37.428	41.551	1.0385	.21642	7.3566	.07936	62.899
#1	.00711	.00442	.01119	.01134	.00036	72.248	-.00037
#2	.00413	.00241	.01135	.01137	.00032	72.329	-.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00635	-.00069	.00068	80.236	.34989	18.630	2.1893
SDev	.00046	.00032	.00036	.034	.01679	.007	.0004
%RSD	7.2114	45.929	52.465	.04260	4.7982	.03538	.01907
#1	.00667	-.00091	.00094	80.211	.36176	18.634	2.1890
#2	.00603	-.00046	.00043	80.260	.33802	18.625	2.1896
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.399	.00058	.00184	.00161	.00169	.00577	-.00020
SDev	.158	.00018	.00195	.00061	.00024	.00116	.00084
%RSD	1.2704	31.664	106.01	38.004	14.170	20.094	414.54
#1	12.287	.00071	.00046	.00205	.00152	.00495	.00039
#2	12.510	.00045	.00321	.00118	.00186	.00660	-.00080
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00294	.00719	.00075	-.00147	.00031	-.00008	-.00152
SDev	.00259	.00045	.00006	.00127	.00011	.00021	.00052
%RSD	87.992	6.1960	8.0045	86.333	35.161	268.26	34.173
#1	.00111	.00688	.00079	-.00057	.00023	.00007	-.00115
#2	.00478	.00751	.00071	-.00236	.00038	-.00022	-.00188
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00026	-.00061
SDev	.00016	.00042
%RSD	63.118	68.943
#1	.00038	-.00031
#2	.00015	-.00091
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6212	--	--	--	--	--	--
SDev	15.48557	--	--	--	--	--	--
%RSD	.2492868	--	--	--	--	--	--
#1	6201	--	--	--	--	--	--
#2	6223	--	--	--	--	--	--

Analysis Report QC Standard 12/14/05 01:50:38 AM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 12/14/05 01:45:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.633	.49802	.46984	.48839	.49710	25.624	.49660
SDev	.014	.00117	.00071	.00011	.00045	.023	.00170
%RSD	.05344	.23496	.15177	.02239	.09091	.08938	.34231
#1	25.623	.49885	.47034	.48831	.49678	25.608	.49540
#2	25.643	.49719	.46934	.48847	.49742	25.640	.49781
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49356	.50020	.51467	25.082	24.404	25.227	.50490
SDev	.00033	.00061	.00037	.001	.026	.024	.00040
%RSD	.06729	.12163	.07146	.00479	.10533	.09670	.08001
#1	.49333	.50063	.51441	25.083	24.422	25.210	.50462
#2	.49380	.49977	.51493	25.081	24.386	25.244	.50519
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.315	.50142	.49852	.49569	.49663	.50493	.50355
SDev	.066	.00039	.00004	.00110	.00072	.00349	.00042
%RSD	.25896	.07795	.00744	.22277	.14582	.69070	.08280
#1	25.361	.50169	.49854	.49491	.49612	.50246	.50326
#2	25.268	.50114	.49849	.49647	.49715	.50740	.50385
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50883	.50299	.51221	.51180	.50183	.49560	.50873
SDev	.00040	.00543	.00011	.00205	.00075	.00129	.00070
%RSD	.07935	1.0802	.02097	.39984	.14896	.26135	.13677
#1	.50911	.49915	.51213	.51035	.50130	.49469	.50922
#2	.50854	.50683	.51229	.51324	.50235	.49652	.50823
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.49357	.50356
SDev	.00030	.00032
%RSD	.06112	.06460
#1	.49336	.50379
#2	.49379	.50333
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6249	--	--	--	--	--	--
SDev	14.84924	--	--	--	--	--	--
%RSD	.2376316	--	--	--	--	--	--
#1	6238	--	--	--	--	--	--
#2	6259	--	--	--	--	--	--

Analysis Report Blank Sample 12/14/05 01:55:30 AM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 12/14/05 01:50:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01395	.00057	.00114	.00012	.00026	.02002	-.00008
SDev	.00042	.00089	.00089	.00001	.00002	.00018	.00008
%RSD	3.0375	157.12	77.751	11.118	8.0262	.87730	90.133
#1	.01365	-.00006	.00177	.00013	.00027	.01990	-.00003
#2	.01425	.00120	.00051	.00011	.00024	.02015	-.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00045	.00010	.00057	.00491	.01237	.01387	-.00003
SDev	.00007	.00005	.00030	.00278	.01361	.00077	.00000
%RSD	16.313	47.958	52.560	56.745	110.03	5.5749	1.0104
#1	.00040	.00013	.00036	.00294	.02199	.01332	-.00003
#2	.00050	.00006	.00078	.00688	.00274	.01442	-.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04841	.00030	.00093	.00054	.00067	-.00028	-.00048
SDev	.13391	.00046	.00014	.00069	.00041	.00006	.00141
%RSD	276.59	155.50	14.856	128.40	62.035	20.110	294.54
#1	.14310	.00063	.00083	.00102	.00096	-.00033	.00052
#2	-.04628	-.00003	.00103	.00005	.00037	-.00024	-.00147
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00124	-.00105	.00020	.00063	.00047	-.00109	.00056
SDev	.00087	.00052	.00009	.00215	.00023	.00041	.00103
%RSD	69.800	49.557	45.314	343.64	48.046	37.560	182.82
#1	.00186	-.00142	.00027	-.00090	.00031	-.00138	-.00016
#2	.00063	-.00068	.00014	.00215	.00064	-.00080	.00129
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00070	.00005
SDev	.00003	.00141
%RSD	3.7374	3027.8
#1	.00071	-.00095
#2	.00068	.00105
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6247	--	--	--	--	--	--
SDev	11.66726	--	--	--	--	--	--
%RSD	.1867554	--	--	--	--	--	--
#1	6239	--	--	--	--	--	--
#2	6256	--	--	--	--	--	--

Analysis Report 12/14/05 02:00:23 AM page 1

Method: TRACE1 Sample Name: AD570887 Operator: SW
Run Time: 12/14/05 01:55:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50855	.01963	.02740	.11463	.00039	59.514	-.00007
SDev	.00544	.00170	.00015	.00015	.00001	.071	.00006
%RSD	1.0696	8.6402	.52786	.13429	3.4729	.11905	84.863
#1	.50471	.02083	.02730	.11452	.00040	59.564	-.00012
#2	.51240	.01843	.02750	.11473	.00038	59.464	-.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00781	-.00052	.00152	136.14	2.0325	12.049	2.4337
SDev	.00000	.00014	.00040	.22	.0034	.024	.0051
%RSD	.01511	26.284	26.442	.16218	.16625	.19605	.21121
#1	.00781	-.00061	.00180	136.30	2.0301	12.066	2.4374
#2	.00781	-.00042	.00123	135.98	2.0348	12.033	2.4301
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.9788	.00292	.00305	.00342	.00330	.00645	-.00041
SDev	.0187	.00003	.00117	.00019	.00026	.00309	.00091
%RSD	.31198	1.0725	38.321	5.6652	7.9003	47.913	222.37
#1	5.9657	.00290	.00223	.00356	.00311	.00864	-.00105
#2	5.9920	.00295	.00388	.00328	.00348	.00427	.00023
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00136	.01036	.01491	.00200	.00136	.00103	.00190
SDev	.00367	.00281	.00043	.00094	.00001	.00072	.00137
%RSD	270.53	27.081	2.8916	46.807	.49702	69.327	72.213
#1	.00124	.01234	.01461	.00266	.00136	.00053	.00288
#2	-.00395	.00837	.01522	.00134	.00137	.00154	.00093
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00018	.00252
SDev	.00000	.00091
%RSD	.99638	35.959
#1	.00018	.00316
#2	.00018	.00188
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6258	--	--	--	--	--	--
SDev	1.909326	--	--	--	--	--	--
%RSD	.0305094	--	--	--	--	--	--
#1	6260	--	--	--	--	--	--
#2	6257	--	--	--	--	--	--

Analysis Report 12/14/05 02:05:15 AM page 1

Method: TRACE1 Sample Name: AD570887/L (1:5) Operator: SW
Run Time: 12/14/05 02:00:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11962	.00291	.00562	.02336	.00018	12.147	-.00008
SDev	.00201	.00113	.00022	.00007	.00002	.018	.00015
%RSD	1.6809	38.821	3.8414	.30213	11.671	.15134	200.67
#1	.12104	.00371	.00578	.02331	.00016	12.134	.00003
#2	.11820	.00211	.00547	.02341	.00019	12.160	-.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00206	.00007	.00086	27.997	.39153	2.4576	.50053
SDev	.00031	.00004	.00027	.065	.00588	.0095	.00142
%RSD	15.040	61.158	31.479	.23165	1.5031	.38554	.28317
#1	.00184	.00004	.00105	27.951	.39569	2.4509	.49953
#2	.00227	.00010	.00067	28.043	.38737	2.4643	.50153
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3417	.00009	.00126	.00011	.00049	.00313	-.00096
SDev	.0517	.00028	.00225	.00022	.00060	.00367	.00099
%RSD	3.8517	296.79	179.01	200.54	123.21	117.40	102.98
#1	1.3782	.00029	.00285	-.00005	.00092	.00053	-.00026
#2	1.3051	-.00010	-.00033	.00026	.00006	.00572	-.00167
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00425	.00256	.00407	.00057	.00024	-.00174	-.00024
SDev	.00107	.00604	.00038	.00121	.00022	.00020	.00068
%RSD	25.240	235.73	9.4391	212.57	94.051	11.681	287.94
#1	.00501	-.00171	.00434	.00142	.00008	-.00160	.00025
#2	.00349	.00684	.00380	-.00029	.00040	-.00188	-.00072
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00068	-.00048
SDev	.00007	.00045
%RSD	10.703	93.044
#1	.00063	-.00080
#2	.00073	-.00017
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6288	--	--	--	--	--	--
SDev	2.227317	--	--	--	--	--	--
%RSD	.0354238	--	--	--	--	--	--
#1	6286	--	--	--	--	--	--
#2	6289	--	--	--	--	--	--

Analysis Report 12/14/05 02:10:08 AM page 1

Method: TRACE1 Sample Name: AD570887/PS Operator: SW
Run Time: 12/14/05 02:05:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.839	.22684	.22974	.32055	.20523	69.023	.20403
SDev	.010	.00071	.00013	.00017	.00012	.026	.00110
%RSD	.09396	.31379	.05802	.05281	.05614	.03741	.53760
#1	10.832	.22734	.22965	.32067	.20531	69.005	.20325
#2	10.846	.22634	.22984	.32043	.20515	69.042	.20480
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21309	.20390	.21157	144.05	12.374	22.101	2.5897
SDev	.00012	.00002	.00012	.04	.011	.020	.0001
%RSD	.05788	.01052	.05532	.02653	.08544	.09004	.00274
#1	.21318	.20388	.21166	144.02	12.382	22.087	2.5897
#2	.21300	.20391	.21149	144.08	12.367	22.115	2.5896
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.517	.20568	.20882	.20518	.20639	.20870	.20676
SDev	.074	.00068	.00198	.00283	.00122	.00262	.00060
%RSD	.44939	.33178	.95029	1.3781	.59367	1.2542	.29035
#1	16.569	.20616	.21022	.20318	.20553	.20684	.20718
#2	16.464	.20520	.20741	.20718	.20726	.21055	.20633
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20658	.20975	.22360	.21071	.20964	.20405	.21358
SDev	.00081	.00352	.00011	.00056	.00026	.00048	.00173
%RSD	.39194	1.6788	.05013	.26731	.12505	.23369	.81141
#1	.20601	.20726	.22352	.21111	.20983	.20371	.21235
#2	.20715	.21224	.22368	.21031	.20946	.20439	.21480
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05290	.21095
SDev	.00042	.00198
%RSD	.79794	.94050
#1	.05320	.20955
#2	.05260	.21236
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6285	--	--	--	--	--	--
SDev	4.348638	--	--	--	--	--	--
%RSD	.0691949	--	--	--	--	--	--
#1	6282	--	--	--	--	--	--
#2	6288	--	--	--	--	--	--

Analysis Report 12/14/05 02:15:01 AM page 1

Method: TRACE1 Sample Name: AD570888/MS Operator: SW
Run Time: 12/14/05 02:10:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.320	.21732	.21999	.31231	.19680	68.461	.19574
SDev	.001	.00212	.00204	.00049	.00052	.088	.00011
%RSD	.01203	.97688	.92673	.15748	.26228	.12921	.05561
#1	10.321	.21582	.21855	.31196	.19643	68.398	.19566
#2	10.319	.21882	.22143	.31265	.19716	68.524	.19581
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20370	.19516	.20120	143.84	11.870	21.728	2.5969
SDev	.00109	.00009	.00007	.14	.001	.050	.0050
%RSD	.53399	.04604	.03622	.10016	.00942	.23150	.19376
#1	.20293	.19509	.20115	143.74	11.870	21.692	2.5933
#2	.20447	.19522	.20125	143.94	11.871	21.763	2.6004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.105	.19738	.20002	.19880	.19921	.20110	.19808
SDev	.060	.00080	.00078	.00072	.00022	.00146	.00163
%RSD	.37050	.40494	.38990	.36345	.11156	.72822	.82283
#1	16.062	.19682	.20057	.19829	.19905	.20213	.19692
#2	16.147	.19795	.19947	.19931	.19936	.20006	.19923
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19558	.20386	.21245	.19580	.19686	.20391	.19986
SDev	.00496	.00028	.00092	.00117	.00019	.00021	.00072
%RSD	2.5353	.13862	.43369	.59783	.09578	.10331	.36207
#1	.19909	.20366	.21180	.19662	.19673	.20376	.20037
#2	.19207	.20406	.21310	.19497	.19699	.20406	.19935
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05130	.19956
SDev	.00014	.00012
%RSD	.27508	.05820
#1	.05120	.19965
#2	.05140	.19948
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6233	--	--	--	--	--	--
SDev	9.545941	--	--	--	--	--	--
%RSD	.1531639	--	--	--	--	--	--
#1	6239	--	--	--	--	--	--
#2	6226	--	--	--	--	--	--

Analysis Report 12/14/05 02:19:54 AM page 1

Method: TRACE1 Sample Name: AD570889/SD Operator: SW
Run Time: 12/14/05 02:15:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.227	.21600	.21673	.31230	.19448	68.367	.19189
SDev	.024	.00054	.00126	.00056	.00028	.053	.00018
%RSD	.23897	.25014	.57992	.18065	.14176	.07685	.09303
#1	10.245	.21638	.21762	.31270	.19467	68.404	.19177
#2	10.210	.21562	.21584	.31190	.19428	68.329	.19202
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20046	.19280	.19947	143.67	11.768	21.628	2.6006
SDev	.00025	.00012	.00007	.24	.036	.040	.0031
%RSD	.12689	.05962	.03401	.16949	.30240	.18436	.11920
#1	.20064	.19288	.19952	143.84	11.793	21.656	2.6027
#2	.20028	.19271	.19942	143.49	11.743	21.599	2.5984
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.113	.19532	.19875	.19578	.19677	.19814	.19447
SDev	.119	.00054	.00187	.00142	.00157	.00180	.00373
%RSD	.74128	.27645	.93994	.72736	.79886	.90665	1.9198
#1	16.197	.19571	.20007	.19679	.19788	.19941	.19183
#2	16.028	.19494	.19743	.19477	.19566	.19687	.19711
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19171	.20136	.21148	.19314	.19457	.19912	.19473
SDev	.00034	.00286	.00098	.00167	.00020	.00003	.00131
%RSD	.17684	1.4224	.46543	.86183	.10467	.01752	.67418
#1	.19147	.20339	.21078	.19432	.19471	.19910	.19566
#2	.19195	.19934	.21218	.19196	.19442	.19915	.19380
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05090	.19749
SDev	.00000	.00034
%RSD	.00633	.17001
#1	.05090	.19725
#2	.05090	.19772
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6206	--	--	--	--	--	--
SDev	7.848954	--	--	--	--	--	--
%RSD	.1264838	--	--	--	--	--	--
#1	6211	--	--	--	--	--	--
#2	6200	--	--	--	--	--	--

Analysis Report 12/14/05 02:24:46 AM page 1

Method: TRACE1 Sample Name: AD570890 Operator: SW
Run Time: 12/14/05 02:19:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.6320	-.00024	.01587	.12841	.00035	94.774	-.00004
SDev	.0004	.00078	.00076	.00043	.00001	.086	.00015
%RSD	.02214	329.19	4.7787	.33479	3.5578	.09066	365.00
#1	1.6318	.00031	.01641	.12872	.00036	94.713	.00007
#2	1.6323	-.00078	.01533	.12811	.00034	94.834	-.00015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00534	.00174	.00276	21.063	1.1917	19.820	2.2452
SDev	.00003	.00005	.00021	.034	.0150	.046	.0042
%RSD	.48341	3.0188	7.4841	.16201	1.2602	.23014	.18550
#1	.00532	.00171	.00261	21.039	1.2023	19.852	2.2481
#2	.00536	.00178	.00290	21.087	1.1811	19.787	2.2422
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.028	.00317	.00442	.00198	.00279	.00231	-.00150
SDev	.015	.00019	.00098	.00140	.00061	.00064	.00045
%RSD	.05951	5.9986	22.135	71.041	21.933	27.875	29.757
#1	25.017	.00330	.00372	.00297	.00322	.00186	-.00181
#2	25.038	.00303	.00511	.00098	.00236	.00277	-.00118
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00493	.00101	.04511	.00043	.00300	.00385	.00087
SDev	.00208	.00007	.00459	.00030	.00001	.00050	.00052
%RSD	42.196	7.1788	10.169	69.615	.46507	13.039	59.842
#1	.00346	.00106	.04187	.00022	.00301	.00349	.00050
#2	.00639	.00096	.04836	.00064	.00299	.00420	.00124
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00015	-.00044
SDev	.00037	.00106
%RSD	255.03	240.32
#1	-.00012	.00031
#2	.00041	-.00119
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6225	--	--	--	--	--	--
SDev	18.24356	--	--	--	--	--	--
%RSD	.2930693	--	--	--	--	--	--
#1	6212	--	--	--	--	--	--
#2	6238	--	--	--	--	--	--

Analysis Report 12/14/05 02:29:39 AM page 1

Method: TRACE1 Sample Name: AD570891 Operator: SW
Run Time: 12/14/05 02:24:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0423	-.00080	.00681	.10254	.00038	63.416	-.00008
SDev	.0019	.00016	.00010	.00020	.00001	.021	.00003
%RSD	.18177	19.436	1.4110	.19129	2.0922	.03369	43.371
#1	1.0410	-.00091	.00688	.10240	.00039	63.401	-.00010
#2	1.0437	-.00069	.00674	.10268	.00038	63.431	-.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00275	.00172	.00203	8.9489	1.1841	14.895	.76533
SDev	.00006	.00040	.00014	.0055	.0092	.039	.00260
%RSD	2.1333	23.477	6.7307	.06164	.77430	.26353	.33916
#1	.00271	.00201	.00193	8.9450	1.1906	14.867	.76349
#2	.00279	.00144	.00213	8.9528	1.1777	14.923	.76716
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	66.114	.00297	.00233	.00013	.00086	.00014	.00117
SDev	.076	.00054	.00046	.00089	.00044	.00506	.00297
%RSD	.11569	18.194	19.596	691.39	51.490	3735.1	252.97
#1	66.060	.00259	.00265	-.00050	.00055	-.00344	.00327
#2	66.168	.00335	.00201	.00076	.00118	.00371	-.00093
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00083	-.00021	.03124	.00118	.00240	.00358	-.00143
SDev	.00644	.00437	.00073	.00340	.00011	.00010	.00034
%RSD	780.06	2084.3	2.3280	288.05	4.6243	2.6667	24.130
#1	-.00373	-.00330	.03176	-.00122	.00232	.00352	-.00118
#2	.00538	.00288	.03073	.00359	.00247	.00365	-.00167
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00059	-.00069
SDev	.00012	.00009
%RSD	19.978	13.039
#1	.00067	-.00075
#2	.00051	-.00062
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6286	--	--	--	--	--	--
SDev	7.318624	--	--	--	--	--	--
%RSD	.1164278	--	--	--	--	--	--
#1	6281	--	--	--	--	--	--
#2	6291	--	--	--	--	--	--

Analysis Report 12/14/05 02:34:32 AM page 1

Method: TRACE1 Sample Name: AD570892 Operator: SW
Run Time: 12/14/05 02:29:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01795	.01334	.00570	.00641	.00015	33.182	-.00006
SDev	.00189	.00093	.00046	.00010	.00002	.009	.00008
%RSD	10.556	6.9414	8.1412	1.4870	12.541	.02562	125.09
#1	.01929	.01400	.00537	.00634	.00016	33.176	-.00001
#2	.01661	.01269	.00603	.00648	.00014	33.188	-.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	.00041	.00099	.01466	4.4945	5.9099	.19343
SDev	.00029	.00006	.00043	.00276	.0082	.0065	.00015
%RSD	881.02	14.199	43.166	18.831	.18296	.11056	.07787
#1	-.00017	.00045	.00069	.01662	4.5003	5.9053	.19332
#2	.00024	.00037	.00130	.01271	4.4887	5.9145	.19354
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.3893	.00021	.00237	.00184	.00201	.00213	-.00219
SDev	.0165	.00041	.00222	.00053	.00038	.00136	.00178
%RSD	.48703	193.93	93.656	28.963	19.067	64.136	81.303
#1	3.3776	-.00008	.00394	.00146	.00228	.00116	-.00345
#2	3.4010	.00050	.00080	.00221	.00174	.00309	-.00093
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00469	.00085	.00034	-.00219	.00047	.00190	-.00009
SDev	.00359	.00384	.00011	.00116	.00022	.00021	.00051
%RSD	76.596	453.83	31.075	53.088	48.314	10.861	564.07
#1	.00723	-.00187	.00027	-.00137	.00031	.00175	.00027
#2	.00215	.00357	.00042	-.00302	.00062	.00204	-.00045
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00065	.00101
SDev	.00013	.00068
%RSD	19.436	67.497
#1	.00074	.00053
#2	.00056	.00150
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6356	--	--	--	--	--	--
SDev	4.136644	--	--	--	--	--	--
%RSD	.0650776	--	--	--	--	--	--
#1	6359	--	--	--	--	--	--
#2	6354	--	--	--	--	--	--

Analysis Report 12/14/05 02:39:24 AM page 1

Method: TRACE1 Sample Name: AD570893 Operator: SW
Run Time: 12/14/05 02:34:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49147	-.00116	.00386	.01080	.00006	2.9588	.00050
SDev	.00213	.00124	.00016	.00003	.00001	.0093	.00014
%RSD	.43323	107.31	4.0434	.25211	10.446	.31578	26.852
#1	.49298	-.00028	.00397	.01078	.00007	2.9654	.00041
#2	.48997	-.00204	.00375	.01082	.00006	2.9522	.00060
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00048	.00110	.00226	.39059	.59519	3.2348	.00969
SDev	.00023	.00038	.00015	.00180	.00545	.0038	.00007
%RSD	48.865	34.291	6.8823	.46219	.91647	.11653	.76257
#1	.00032	.00137	.00237	.39187	.59905	3.2321	.00974
#2	.00065	.00084	.00215	.38932	.59133	3.2375	.00964
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.9802	.00280	.00141	.00027	.00065	.00176	-.00058
SDev	.1128	.00009	.00052	.00189	.00109	.00039	.00019
%RSD	1.8867	3.3367	36.573	691.67	167.26	22.392	32.842
#1	6.0600	.00273	.00177	-.00106	-.00012	.00204	-.00072
#2	5.9004	.00287	.00104	.00161	.00142	.00148	-.00045
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00064	.00232	.01307	-.00078	.00085	.00191	-.00005
SDev	.00120	.00001	.00078	.00003	.00011	.00021	.00119
%RSD	189.39	.44781	5.9335	4.4261	12.957	11.228	2255.0
#1	.00149	.00231	.01362	-.00076	.00092	.00176	-.00089
#2	-.00022	.00233	.01253	-.00081	.00077	.00206	.00079
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00041	-.00014
SDev	.00036	.00075
%RSD	88.650	529.40
#1	.00067	-.00067
#2	.00015	.00039
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6355	--	--	--	--	--	--
SDev	15.80391	--	--	--	--	--	--
%RSD	.2487032	--	--	--	--	--	--
#1	6366	--	--	--	--	--	--
#2	6343	--	--	--	--	--	--

Analysis Report 12/14/05 02:44:17 AM page 1

Method: TRACE1 Sample Name: AD570894 Operator: SW
Run Time: 12/14/05 02:39:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01386	-.00089	.00394	.01081	.00008	1.1192	.00014
SDev	.00101	.00064	.00155	.00001	.00001	.0022	.00013
%RSD	7.2604	72.216	39.283	.09265	7.6876	.19361	98.540
#1	.01315	-.00044	.00504	.01082	.00008	1.1177	.00023
#2	.01458	-.00134	.00285	.01080	.00007	1.1207	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00037	.00048	.00077	.01269	.36033	.44736	.00401
SDev	.00052	.00004	.00011	.00131	.00526	.00365	.00002
%RSD	138.42	8.7689	14.561	10.351	1.4606	.81592	.39048
#1	.00001	.00045	.00085	.01176	.36406	.44994	.00400
#2	.00074	.00051	.00069	.01362	.35661	.44478	.00402
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.6658	.00068	-.00025	.00120	.00072	.00193	.00120
SDev	.0396	.00006	.00131	.00072	.00005	.00145	.00044
%RSD	2.3786	9.5285	524.19	60.297	6.3956	75.315	36.327
#1	1.6377	.00063	-.00118	.00171	.00075	.00295	.00089
#2	1.6938	.00073	.00068	.00069	.00068	.00090	.00151
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00473	.00053	.00035	-.00224	.00039	-.00062	.00003
SDev	.00003	.00219	.00013	.00233	.00034	.00010	.00203
%RSD	.63271	416.78	37.564	104.04	87.382	15.663	7158.5
#1	.00470	.00207	.00044	-.00389	.00062	-.00069	.00146
#2	.00475	-.00102	.00026	-.00059	.00015	-.00055	-.00141
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00058	-.00019
SDev	.00022	.00003
%RSD	37.237	17.016
#1	.00073	-.00017
#2	.00043	-.00022
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6366	--	--	--	--	--	--
SDev	13.36425	--	--	--	--	--	--
%RSD	.2099366	--	--	--	--	--	--
#1	6356	--	--	--	--	--	--
#2	6375	--	--	--	--	--	--

Analysis Report QC Standard 12/14/05 02:50:30 AM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 12/14/05 02:45:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.342	.49102	.46739	.48308	.49100	25.225	.49096
SDev	.078	.00047	.00119	.00005	.00115	.013	.00067
%RSD	.30942	.09660	.25550	.00989	.23424	.05054	.13731
#1	25.398	.49069	.46655	.48304	.49019	25.234	.49144
#2	25.287	.49136	.46823	.48311	.49182	25.216	.49049
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48804	.49294	.50866	24.766	24.127	24.897	.49830
SDev	.00033	.00090	.00082	.003	.086	.011	.00040
%RSD	.06804	.18282	.16210	.01256	.35709	.04588	.08011
#1	.48780	.49357	.50925	24.768	24.188	24.889	.49801
#2	.48827	.49230	.50808	24.764	24.066	24.905	.49858
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.054	.49462	.49239	.48745	.48910	.49403	.49973
SDev	.130	.00046	.00001	.00378	.00252	.00512	.00080
%RSD	.51879	.09234	.00285	.77546	.51454	1.0362	.16073
#1	25.146	.49430	.49240	.48478	.48732	.49041	.49916
#2	24.962	.49494	.49238	.49013	.49088	.49765	.50029
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49816	.49198	.50632	.50256	.49607	.48864	.50183
SDev	.00439	.00549	.00013	.00564	.00051	.00095	.00002
%RSD	.88087	1.1149	.02521	1.1230	.10248	.19414	.00378
#1	.49506	.48810	.50641	.50655	.49571	.48797	.50181
#2	.50126	.49585	.50623	.49857	.49643	.48932	.50184
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.48886	.49479
SDev	.00001	.00396
%RSD	.00189	.80068
#1	.48886	.49198
#2	.48887	.49759
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6313	--	--	--	--	--	--
SDev	28.00150	--	--	--	--	--	--
%RSD	.4435389	--	--	--	--	--	--
#1	6333	--	--	--	--	--	--
#2	6293	--	--	--	--	--	--

Analysis Report Blank Sample 12/14/05 02:55:23 AM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 12/14/05 02:50:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00277	-.00055	.00090	.00011	.00014	-.00021	-.00007
SDev	.00309	.00201	.00007	.00003	.00001	.00017	.00005
%RSD	111.59	367.60	8.0456	22.845	10.369	80.363	76.242
#1	-.00058	-.00197	.00095	.00013	.00015	-.00034	-.00010
#2	-.00496	.00087	.00085	.00010	.00013	-.00009	-.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	.00025	.00065	.00545	.00842	-.00393	-.00007
SDev	.00018	.00032	.00000	.00208	.01199	.00302	.00005
%RSD	518.40	128.74	.08207	38.141	142.27	76.962	71.739
#1	.00009	.00002	.00065	.00691	.01690	-.00607	-.00011
#2	-.00016	.00047	.00065	.00398	-.00005	-.00179	-.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.03041	-.00025	-.00029	.00101	.00057	.00306	-.00045
SDev	.03733	.00010	.00042	.00109	.00059	.00139	.00136
%RSD	122.79	38.162	145.14	108.52	102.34	45.280	303.19
#1	-.05680	-.00019	.00001	.00023	.00016	.00404	.00051
#2	-.00401	-.00032	-.00059	.00178	.00099	.00208	-.00141
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00629	.00145	.00026	-.00143	.00007	-.00102	.00069
SDev	.00397	.00010	.00003	.00005	.00034	.00052	.00086
%RSD	63.045	6.6491	13.125	3.8452	490.42	51.022	126.03
#1	.00910	.00151	.00028	-.00146	.00031	-.00138	.00007
#2	.00349	.00138	.00023	-.00139	-.00017	-.00065	.00130
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00043	-.00029
SDev	.00010	.00105
%RSD	22.525	359.70
#1	.00050	.00045
#2	.00036	-.00104
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6244	--	--	--	--	--	--
SDev	8.591278	--	--	--	--	--	--
%RSD	.1375931	--	--	--	--	--	--
#1	6250	--	--	--	--	--	--
#2	6238	--	--	--	--	--	--

Analysis Report 12/14/05 03:00:16 AM page 1

Method: TRACE1 Sample Name: AD570895 Operator: SW
Run Time: 12/14/05 02:55:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00023	.00020	.02752	.01669	.00011	19.111	.00011
SDev	.00167	.00009	.00013	.00002	.00001	.024	.00001
%RSD	726.09	44.478	.45897	.09316	6.0712	.12407	5.0222
#1	-.00141	.00027	.02761	.01668	.00010	19.094	.00012
#2	.00095	.00014	.02743	.01671	.00011	19.128	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	.00136	.00061	-.00189	1.7397	14.695	.00042
SDev	.00001	.00006	.00030	.00278	.0041	.016	.00005
%RSD	22.477	4.5604	48.729	147.27	.23642	.11057	12.045
#1	.00005	.00140	.00082	-.00385	1.7368	14.683	.00046
#2	.00007	.00132	.00040	.00008	1.7427	14.706	.00038
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.129	.00135	-.00006	.00150	.00098	.00264	-.00042
SDev	.085	.00026	.00075	.00044	.00004	.00169	.00170
%RSD	.83761	19.315	1265.7	29.079	4.1675	63.947	400.96
#1	10.069	.00154	.00047	.00119	.00095	.00145	-.00163
#2	10.189	.00117	-.00059	.00181	.00101	.00383	.00078
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00296	.00248	.00023	-.00025	.00063	-.00067	.00029
SDev	.00126	.00316	.00003	.00121	.00023	.00041	.00069
%RSD	42.498	127.52	10.909	475.34	36.094	61.535	232.97
#1	.00385	.00024	.00024	.00060	.00079	-.00038	.00078
#2	.00207	.00472	.00021	-.00111	.00047	-.00096	-.00019
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00056	.00027
SDev	.00042	.00078
%RSD	73.749	292.81
#1	.00086	.00082
#2	.00027	-.00029
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6301	--	--	--	--	--	--
SDev	8.909615	--	--	--	--	--	--
%RSD	.1414056	--	--	--	--	--	--
#1	6294	--	--	--	--	--	--
#2	6307	--	--	--	--	--	--

Analysis Report 12/14/05 03:05:08 AM page 1

Method: TRACE1 Sample Name: AD570896 Operator: SW
Run Time: 12/14/05 03:00:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00779	.01569	.02019	.00471	.00016	15.720	-.00002
SDev	.00326	.00174	.00049	.00003	.00002	.007	.00001
%RSD	41.797	11.087	2.4487	.64856	10.046	.04454	68.043
#1	.00549	.01446	.01984	.00473	.00017	15.715	-.00003
#2	.01010	.01692	.02054	.00469	.00015	15.725	-.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	.00062	.00074	.05674	2.9796	3.0712	.05257
SDev	.00024	.00011	.00002	.00052	.0020	.0079	.00014
%RSD	212.49	18.153	2.9072	.92351	.06618	.25790	.26963
#1	.00006	.00054	.00076	.05637	2.9810	3.0768	.05267
#2	-.00029	.00070	.00073	.05711	2.9782	3.0656	.05247
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.197	.00029	.00051	-.00030	-.00003	.00156	.00059
SDev	.113	.00042	.00109	.00057	.00002	.00066	.00145
%RSD	.85571	144.19	214.97	192.19	63.841	42.147	244.22
#1	13.117	.00059	.00127	-.00070	-.00004	.00203	-.00043
#2	13.276	-.00001	-.00026	.00011	-.00002	.00110	.00162
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00266	.00101	.00024	.00060	.00015	-.00083	-.00129
SDev	.00157	.00020	.00007	.00022	.00000	.00021	.00050
%RSD	59.042	19.871	30.719	36.412	.36014	25.126	38.945
#1	.00377	.00115	.00029	.00075	.00015	-.00068	-.00164
#2	.00155	.00087	.00019	.00044	.00015	-.00098	-.00093
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00029	-.00008
SDev	.00010	.00023
%RSD	35.896	286.48
#1	.00036	-.00024
#2	.00021	.00008
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6367	--	--	--	--	--	--
SDev	23.01653	--	--	--	--	--	--
%RSD	.3614902	--	--	--	--	--	--
#1	6351	--	--	--	--	--	--
#2	6383	--	--	--	--	--	--

Analysis Report 12/14/05 03:10:00 AM page 1

Method: TRACE1 Sample Name: AD570897 Operator: SW
Run Time: 12/14/05 03:05:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00919	-.00183	.00496	.01445	.00017	8.4261	.00006
SDev	.00358	.00008	.00034	.00005	.00000	.0070	.00002
%RSD	39.016	4.6328	6.9498	.34112	.62236	.08310	36.502
#1	.01172	-.00177	.00520	.01441	.00017	8.4211	.00004
#2	.00665	-.00189	.00471	.01448	.00017	8.4310	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00021	.00048	.00066	.01223	.95599	8.2019	.00108
SDev	.00007	.00037	.00004	.00069	.01583	.0325	.00000
%RSD	33.082	77.036	6.7401	5.6546	1.6562	.39570	.30676
#1	.00016	.00022	.00063	.01174	.96718	8.1789	.00107
#2	.00026	.00074	.00069	.01272	.94479	8.2248	.00108
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.7679	.00049	.00108	.00009	.00042	.00013	-.00150
SDev	.0121	.00008	.00042	.00002	.00015	.00067	.00240
%RSD	.15545	16.323	38.826	21.265	36.294	511.18	160.05
#1	7.7593	.00055	.00079	.00008	.00031	.00061	-.00320
#2	7.7764	.00044	.00138	.00010	.00053	-.00034	.00020
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00417	-.00189	.00049	-.00112	.00054	-.00033	.00146
SDev	.00255	.00228	.00010	.00179	.00011	.00011	.00067
%RSD	61.151	120.80	20.076	159.50	20.848	32.596	45.535
#1	.00237	-.00028	.00056	.00014	.00046	-.00041	.00193
#2	.00597	-.00350	.00042	-.00238	.00063	-.00025	.00099
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00090	.00035
SDev	.00003	.00109
%RSD	3.3145	309.99
#1	.00092	.00112
#2	.00088	-.00042
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6358	--	--	--	--	--	--
SDev	15.80391	--	--	--	--	--	--
%RSD	.2485565	--	--	--	--	--	--
#1	6369	--	--	--	--	--	--
#2	6347	--	--	--	--	--	--

Analysis Report 12/14/05 03:14:53 AM page 1

Method: TRACE1 Sample Name: AD570898 Operator: SW
Run Time: 12/14/05 03:10:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00142	.00034	.00380	.01560	.00021	81.448	.00030
SDev	.00354	.00142	.00007	.00000	.00004	.206	.00003
%RSD	249.06	414.72	1.8303	.02226	18.941	.25243	9.1804
#1	.00108	.00135	.00375	.01560	.00024	81.593	.00032
#2	-.00393	-.00066	.00385	.01559	.00018	81.302	.00028
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00029	.00056	.00143	.00688	4.4314	7.3316	.02919
SDev	.00019	.00043	.00028	.00841	.0061	.0195	.00002
%RSD	64.413	77.198	19.241	122.30	.13809	.26624	.06871
#1	.00043	.00025	.00124	.00093	4.4358	7.3454	.02917
#2	.00016	.00086	.00163	.01283	4.4271	7.3178	.02920
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.7828	.00031	-.00071	.00172	.00091	-.00039	-.00067
SDev	.0275	.00037	.00062	.00091	.00040	.00061	.00267
%RSD	.47630	117.81	87.242	53.049	44.071	155.58	395.43
#1	5.7633	.00057	-.00116	.00236	.00119	-.00082	-.00256
#2	5.8022	.00005	-.00027	.00107	.00062	.00004	.00121
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00013	-.00052	.00019	-.00003	.00040	.00800	.00143
SDev	.00030	.00106	.00023	.00325	.00035	.00017	.00260
%RSD	230.84	204.20	127.04	9537.9	87.395	2.1148	181.74
#1	.00008	-.00127	.00035	-.00233	.00064	.00788	.00327
#2	-.00034	.00023	.00002	.00226	.00015	.00812	-.00041
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00061	.00066
SDev	.00011	.00040
%RSD	17.362	60.962
#1	.00069	.00094
#2	.00054	.00038
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6224	--	--	--	--	--	--
SDev	22.37986	--	--	--	--	--	--
%RSD	.3595808	--	--	--	--	--	--
#1	6208	--	--	--	--	--	--
#2	6240	--	--	--	--	--	--

Analysis Report 12/14/05 03:19:46 AM page 1

Method: TRACE1 Sample Name: AD570899 Operator: SW
Run Time: 12/14/05 03:14:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10183	-.00010	.02038	.03210	.00029	141.49	-.00011
SDev	.00419	.00120	.00044	.00003	.00003	.32	.00016
%RSD	4.1133	1209.6	2.1677	.08149	10.053	.22895	147.67
#1	.09887	-.00095	.02069	.03212	.00027	141.27	-.00022
#2	.10479	.00075	.02006	.03208	.00031	141.72	.00000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00052	.00105	.00180	.12436	7.5522	16.714	.13889
SDev	.00007	.00024	.00005	.00428	.0176	.015	.00004
%RSD	13.677	22.901	2.5163	3.4400	.23304	.09132	.02931
#1	.00047	.00088	.00183	.12134	7.5398	16.703	.13886
#2	.00057	.00122	.00176	.12739	7.5647	16.725	.13892
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.3325	.00301	.00194	.00065	.00108	.00169	.00002
SDev	.0821	.00025	.00055	.00062	.00023	.00600	.00141
%RSD	1.2971	8.2727	28.206	95.341	21.243	354.61	7743.3
#1	6.2744	.00318	.00155	.00108	.00124	-.00255	.00101
#2	6.3906	.00283	.00233	.00021	.00091	.00593	-.00098
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00387	.00060	.00481	-.00180	.00055	.00257	-.00003
SDev	.00584	.00608	.00001	.00050	.00034	.00021	.00017
%RSD	150.73	1010.7	.09670	27.700	62.440	8.2223	589.89
#1	-.00025	-.00370	.00481	-.00145	.00031	.00242	-.00015
#2	.00800	.00490	.00481	-.00216	.00079	.00272	.00009
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00056	.00005
SDev	.00017	.00030
%RSD	30.987	574.42
#1	.00044	.00026
#2	.00069	-.00016
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6237	--	--	--	--	--	--
SDev	5.197304	--	--	--	--	--	--
%RSD	.0833292	--	--	--	--	--	--
#1	6241	--	--	--	--	--	--
#2	6233	--	--	--	--	--	--

Analysis Report 12/14/05 03:24:39 AM page 1

Method: TRACE1 Sample Name: AD570900 Operator: SW
Run Time: 12/14/05 03:19:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02677	.00573	.01621	.02344	.00031	92.349	.00006
SDev	.00306	.00073	.00011	.00007	.00002	.154	.00002
%RSD	11.417	12.670	.64516	.31434	7.0022	.16642	41.141
#1	.02893	.00522	.01628	.02339	.00032	92.457	.00007
#2	.02461	.00624	.01613	.02349	.00029	92.240	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	.00084	.00296	1.0169	7.8274	12.479	.20959
SDev	.00003	.00009	.00032	.0120	.0550	.014	.00031
%RSD	7.7999	10.215	10.667	1.1764	.70277	.11076	.14979
#1	.00042	.00090	.00318	1.0254	7.8663	12.469	.20937
#2	.00047	.00078	.00274	1.0084	7.7885	12.489	.20981
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.8499	.00066	-.00056	-.00100	-.00085	.00150	-.00034
SDev	.1174	.00000	.00136	.00202	.00180	.00133	.00077
%RSD	1.4950	.63064	243.80	203.03	211.95	88.963	227.53
#1	7.7669	.00066	.00040	.00043	.00042	.00056	-.00089
#2	7.9329	.00066	-.00152	-.00243	-.00213	.00244	.00021
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00496	-.00023	.00067	-.00253	.00020	.00038	.00080
SDev	.00260	.00070	.00015	.00043	.00034	.00021	.00001
%RSD	52.508	299.34	22.290	16.947	166.64	55.810	1.0232
#1	.00312	-.00073	.00077	-.00283	.00044	.00023	.00080
#2	.00680	.00026	.00056	-.00223	-.00004	.00053	.00081
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00074	-.00000
SDev	.00021	.00117
%RSD	28.185	121930.
#1	.00088	.00082
#2	.00059	-.00083
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6283	--	--	--	--	--	--
SDev	16.12190	--	--	--	--	--	--
%RSD	.2565874	--	--	--	--	--	--
#1	6295	--	--	--	--	--	--
#2	6272	--	--	--	--	--	--

Analysis Report 12/14/05 03:29:32 AM page 1

Method: TRACE1 Sample Name: AD570901 Operator: SW
Run Time: 12/14/05 03:24:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20306	.00076	.00893	.00497	.00017	48.489	.00003
SDev	.00323	.00065	.00100	.00004	.00003	.025	.00002
%RSD	1.5928	86.216	11.239	.72772	15.279	.05214	45.017
#1	.20535	.00122	.00822	.00494	.00019	48.471	.00004
#2	.20078	.00030	.00963	.00500	.00015	48.507	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00031	.00129	.00205	.16320	2.0230	11.419	.00509
SDev	.00000	.00023	.00004	.00099	.0140	.051	.00003
%RSD	.48738	17.617	2.1300	.60833	.69392	.44628	.69120
#1	.00032	.00113	.00208	.16250	2.0329	11.383	.00507
#2	.00031	.00145	.00202	.16391	2.0131	11.455	.00512
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.9551	.00126	.00021	.00186	.00131	.00467	-.00256
SDev	.0192	.00020	.00049	.00096	.00048	.00108	.00104
%RSD	.38813	15.797	235.76	51.634	36.434	23.211	40.637
#1	4.9687	.00112	.00055	.00118	.00097	.00390	-.00182
#2	4.9415	.00140	-.00014	.00254	.00165	.00544	-.00329
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00581	.00410	.00974	.00024	.00062	-.00001	.00105
SDev	.00378	.00027	.00014	.00046	.00023	.00010	.00034
%RSD	65.180	6.5015	1.3836	191.18	36.649	1473.2	31.835
#1	.00313	.00429	.00965	-.00008	.00046	.00006	.00129
#2	.00848	.00391	.00984	.00057	.00078	-.00008	.00081
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00042	.00053
SDev	.00008	.00036
%RSD	19.119	67.267
#1	.00048	.00078
#2	.00037	.00028
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6283	--	--	--	--	--	--
SDev	12.09125	--	--	--	--	--	--
%RSD	.1924424	--	--	--	--	--	--
#1	6292	--	--	--	--	--	--
#2	6275	--	--	--	--	--	--

Analysis Report 12/14/05 03:34:25 AM page 1

Method: TRACE1 Sample Name: AD570902 Operator: SW
Run Time: 12/14/05 03:29:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01109	.01525	.02426	.00474	.00010	19.754	.00000
SDev	.00155	.00031	.00002	.00003	.00003	.012	.00006
%RSD	14.005	2.0200	.08895	.72055	25.306	.05984	1858.6
#1	.01219	.01547	.02427	.00476	.00012	19.745	.00005
#2	.00999	.01503	.02424	.00471	.00008	19.762	-.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00024	.00025	.00023	.01279	2.0683	3.9635	.02988
SDev	.00011	.00009	.00041	.00417	.0141	.0043	.00008
%RSD	44.212	35.920	176.28	32.588	.68083	.10859	.25761
#1	.00031	.00018	.00052	.00984	2.0783	3.9604	.02983
#2	.00016	.00031	-.00006	.01573	2.0584	3.9665	.02994
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.5403	-.00002	.00050	.00066	.00060	.00208	.00041
SDev	.0231	.00003	.00120	.00083	.00095	.00108	.00114
%RSD	.35344	116.01	241.85	125.55	157.37	51.958	279.53
#1	6.5240	-.00000	-.00035	.00007	-.00007	.00131	.00121
#2	6.5566	-.00004	.00135	.00124	.00128	.00284	-.00040
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00520	.00052	.00024	-.00055	.00031	-.00015	-.00042
SDev	.00290	.00307	.00003	.00050	.00023	.00031	.00205
%RSD	55.702	595.04	10.438	90.944	73.272	205.98	487.78
#1	.00725	-.00165	.00026	-.00090	.00047	.00007	-.00187
#2	.00315	.00269	.00022	-.00020	.00015	-.00037	.00103
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00053	.00391
SDev	.00006	.00064
%RSD	11.653	16.349
#1	.00048	.00437
#2	.00057	.00346
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6272	--	--	--	--	--	--
SDev	9.969930	--	--	--	--	--	--
%RSD	.1589644	--	--	--	--	--	--
#1	6265	--	--	--	--	--	--
#2	6279	--	--	--	--	--	--

Analysis Report 12/14/05 03:39:19 AM page 1

Method: TRACE1 Sample Name: AD570805/PB Operator: SW
Run Time: 12/14/05 03:34:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00101	-.00157	.00097	.00016	.00016	.00608	-.00016
SDev	.00204	.00051	.00031	.00001	.00001	.00035	.00013
%RSD	201.53	32.362	31.614	7.8696	4.4323	5.6988	85.090
#1	.00246	-.00121	.00119	.00015	.00015	.00633	-.00025
#2	-.00043	-.00193	.00075	.00016	.00016	.00584	-.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00026	.00034	.00053	.00933	.01703	-.00026	-.00002
SDev	.00033	.00002	.00005	.00341	.01522	.00030	.00002
%RSD	127.19	4.9937	8.7363	36.513	89.366	116.60	115.57
#1	.00049	.00035	.00050	.01174	.02780	-.00005	-.00004
#2	.00003	.00032	.00056	.00692	.00627	-.00047	-.00000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03965	.00032	.00089	-.00094	-.00033	.00226	-.00090
SDev	.04235	.00035	.00277	.00020	.00106	.00106	.00103
%RSD	106.80	109.10	310.65	21.440	321.89	46.809	114.60
#1	.00971	.00056	.00285	-.00080	.00042	.00301	-.00017
#2	.06959	.00007	-.00107	-.00108	-.00108	.00151	-.00163
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00604	.00037	.00018	-.00045	.00007	-.00148	.00039
SDev	.00015	.00151	.00026	.00200	.00011	.00050	.00050
%RSD	2.4856	407.06	140.54	439.74	163.19	34.194	127.72
#1	.00614	.00144	.00036	.00096	.00015	-.00183	.00004
#2	.00593	-.00070	.00000	-.00186	-.00001	-.00112	.00074
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00079	-.00040
SDev	.00053	.00015
%RSD	67.200	37.971
#1	.00117	-.00029
#2	.00041	-.00051
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6349	--	--	--	--	--	--
SDev	15.48557	--	--	--	--	--	--
%RSD	.2439152	--	--	--	--	--	--
#1	6338	--	--	--	--	--	--
#2	6360	--	--	--	--	--	--

Analysis Report 12/14/05 03:44:13 AM page 1

Method: TRACE1 Sample Name: AD570804/FB Operator: SW
Run Time: 12/14/05 03:39:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.8758	.19930	.19306	.19944	.19789	9.8515	.20044
SDev	.0558	.00038	.00225	.00144	.00107	.0552	.00063
%RSD	.56457	.19292	1.1665	.71983	.53854	.56034	.31616
#1	9.8364	.19902	.19147	.19842	.19714	9.8124	.20000
#2	9.9153	.19957	.19465	.20045	.19865	9.8905	.20089
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19948	.19795	.19764	9.9364	9.6810	9.9165	.19652
SDev	.00131	.00168	.00118	.0500	.0463	.0543	.00114
%RSD	.65715	.84708	.59600	.50320	.47792	.54747	.58237
#1	.19855	.19676	.19681	9.9011	9.6483	9.8781	.19571
#2	.20040	.19913	.19847	9.9718	9.7138	9.9549	.19733
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.137	.19780	.20124	.19871	.19955	.19498	.20275
SDev	.001	.00152	.00044	.00156	.00119	.00368	.00114
%RSD	.01064	.76615	.21945	.78656	.59612	1.8878	.56379
#1	10.138	.19673	.20092	.19761	.19871	.19238	.20194
#2	10.137	.19887	.20155	.19982	.20040	.19759	.20356
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	11.500	.23000			.23000	.23000	.23000
Low	8.5000	.17000			.17000	.17000	.17000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19968	.19264	.19883	.20063	.19672	.20153	.20027
SDev	.00487	.00309	.00142	.00055	.00111	.00184	.00059
%RSD	2.4403	1.6014	.71328	.27403	.56646	.91230	.29221
#1	.19624	.19045	.19782	.20025	.19593	.20023	.19986
#2	.20313	.19482	.19983	.20102	.19750	.20283	.20069
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.23000	.23000	.23000	.23000	.23000
Low			.17000	.17000	.17000	.17000	.17000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05076	.19700
SDev	.00009	.00247
%RSD	.17972	1.2514
#1	.05070	.19526
#2	.05083	.19874
Errors	LC Pass	NOCHECK
High	.05750	
Low	.04250	

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6225	--	--	--	--	--	--
SDev	49.74503	--	--	--	--	--	--
%RSD	.7991651	--	--	--	--	--	--
#1	6260	--	--	--	--	--	--
#2	6189	--	--	--	--	--	--

Analysis Report QC Standard 12/14/05 03:50:26 AM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 12/14/05 03:45:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.610	.49015	.47243	.49213	.49733	25.271	.49179
SDev	.033	.00502	.00102	.00085	.00356	.046	.00401
%RSD	.12912	1.0250	.21654	.17279	.71595	.18306	.81496
#1	25.586	.49371	.47315	.49273	.49985	25.303	.49462
#2	25.633	.48660	.47171	.49153	.49481	25.238	.48895
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49149	.49598	.51674	24.848	24.320	25.114	.50301
SDev	.00300	.00104	.00033	.027	.097	.149	.00244
%RSD	.61000	.20975	.06364	.10797	.39809	.59512	.48436
#1	.49361	.49672	.51698	24.867	24.251	25.220	.50474
#2	.48937	.49524	.51651	24.829	24.388	25.008	.50129
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.416	.49780	.49194	.49301	.49265	.49433	.50316
SDev	.060	.00009	.00460	.00165	.00263	.00596	.00154
%RSD	.23799	.01836	.93489	.33386	.53371	1.2064	.30518
#1	25.373	.49774	.49519	.49418	.49451	.49855	.50425
#2	25.459	.49787	.48868	.49185	.49080	.49011	.50207
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49745	.49278	.50996	.50518	.49874	.48986	.51040
SDev	.00547	.00621	.00033	.00085	.00009	.00383	.00217
%RSD	1.0994	1.2605	.06547	.16743	.01868	.78148	.42484
#1	.50131	.49717	.50972	.50458	.49880	.49256	.51193
#2	.49358	.48839	.51019	.50578	.49867	.48715	.50887
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.49395	.49728
SDev	.00059	.00115
%RSD	.11919	.23101
#1	.49354	.49647
#2	.49437	.49810
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6218	--	--	--	--	--	--
SDev	1.166657	--	--	--	--	--	--
%RSD	.0187630	--	--	--	--	--	--
#1	6217	--	--	--	--	--	--
#2	6219	--	--	--	--	--	--

Analysis Report Blank Sample 12/14/05 03:55:20 AM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 12/14/05 03:50:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00115	-.00070	.00038	.00008	.00017	-.00045	-.00001
SDev	.00009	.00011	.00049	.00003	.00004	.00132	.00028
%RSD	7.5495	15.089	127.59	35.802	21.586	289.91	3072.7
#1	.00121	-.00077	.00073	.00010	.00020	.00048	.00019
#2	.00109	-.00062	.00004	.00006	.00014	-.00139	-.00021
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00036	.00010	.00062	.00344	.01043	-.00143	-.00005
SDev	.00004	.00023	.00027	.00349	.02262	.00387	.00003
%RSD	10.843	236.61	44.105	101.59	216.74	271.50	48.833
#1	.00033	.00026	.00081	.00097	.02643	.00131	-.00003
#2	.00038	-.00006	.00043	.00591	-.00556	-.00416	-.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11580	.00014	.00262	-.00041	.00060	.00216	.00186
SDev	.13401	.00026	.00093	.00082	.00086	.00401	.00400
%RSD	115.73	187.51	35.520	198.93	144.27	185.65	214.90
#1	.21056	.00032	.00328	.00017	.00120	-.00067	.00469
#2	.02104	-.00004	.00196	-.00100	-.00001	.00499	-.00097
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00386	.00131	.00011	.00051	.00023	-.00124	.00213
SDev	.00085	.00558	.00006	.00050	.00012	.00042	.00084
%RSD	22.020	426.72	53.173	96.509	49.755	33.806	39.273
#1	.00326	-.00264	.00015	.00086	.00031	-.00094	.00154
#2	.00446	.00526	.00007	.00016	.00015	-.00153	.00273
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00067	-.00095
SDev	.00042	.00091
%RSD	63.412	95.095
#1	.00097	-.00031
#2	.00037	-.00159
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6256	--	--	--	--	--	--
SDev	27.04684	--	--	--	--	--	--
%RSD	.4323256	--	--	--	--	--	--
#1	6237	--	--	--	--	--	--
#2	6275	--	--	--	--	--	--

Analysis Report 12/14/05 04:00:14 AM page 1

Method: TRACE1 Sample Name: AD570786 Operator: SW
Run Time: 12/14/05 03:55:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09873	-.00081	.50532	.04135	.00035	66.119	-.00008
SDev	.00033	.00016	.00144	.00000	.00000	.075	.00017
%RSD	.33319	20.237	.28559	.01032	1.1235	.11331	204.37
#1	.09896	-.00070	.50430	.04135	.00035	66.066	.00004
#2	.09850	-.00093	.50634	.04134	.00036	66.172	-.00020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00016	.00114	.00312	.07040	1.4892	36.080	.01124
SDev	.00003	.00015	.00037	.00198	.0142	.048	.00006
%RSD	15.439	12.891	11.874	2.8091	.95332	.13224	.49503
#1	.00014	.00103	.00339	.06900	1.4993	36.046	.01120
#2	.00018	.00124	.00286	.07180	1.4792	36.113	.01128
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	53.446	.00092	-.00120	-.00062	-.00081	.00373	-.00112
SDev	.173	.00025	.00236	.00074	.00128	.00222	.00019
%RSD	.32334	27.412	196.41	119.43	157.23	59.490	16.709
#1	53.324	.00074	.00047	-.00010	.00009	.00530	-.00099
#2	53.568	.00109	-.00287	-.00115	-.00172	.00216	-.00126
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00397	.00361	.00255	-.00124	.00064	.04500	-.00101
SDev	.00433	.00116	.00005	.00258	.00023	.00033	.00086
%RSD	109.20	32.189	1.8188	208.99	35.629	.73730	84.960
#1	.00703	.00443	.00252	-.00306	.00048	.04476	-.00040
#2	.00090	.00279	.00259	.00059	.00080	.04523	-.00162
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00111	.06588
SDev	.00004	.00213
%RSD	3.9156	3.2379
#1	.00108	.06739
#2	.00114	.06437
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6255	--	--	--	--	--	--
SDev	10.60660	--	--	--	--	--	--
%RSD	.1695822	--	--	--	--	--	--
#1	6247	--	--	--	--	--	--
#2	6262	--	--	--	--	--	--

Analysis Report 12/14/05 04:05:09 AM page 1

Method: TRACE1 Sample Name: AD570787 Operator: SW
Run Time: 12/14/05 04:00:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02702	-.00046	.15722	.06296	.00045	143.91	-.00009
SDev	.00581	.00094	.00068	.00083	.00005	.31	.00010
%RSD	21.524	204.30	.43243	1.3123	9.8703	.21371	117.47
#1	.02291	-.00112	.15770	.06355	.00048	144.13	-.00016
#2	.03113	.00020	.15674	.06238	.00042	143.69	-.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00100	.00129	.00375	.01082	2.0800	71.753	.03982
SDev	.00023	.00016	.00029	.00421	.0213	.510	.00022
%RSD	23.105	12.372	7.7672	38.901	1.0262	.71131	.54544
#1	.00083	.00140	.00396	.00784	2.0649	72.114	.03998
#2	.00116	.00118	.00354	.01380	2.0951	71.392	.03967
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	37.066	.00217	.00079	.00064	.00069	.00112	-.00029
SDev	.265	.00060	.00062	.00017	.00009	.00283	.00312
%RSD	.71434	27.649	78.164	26.147	13.501	252.66	1061.7
#1	37.254	.00259	.00122	.00052	.00076	.00312	-.00250
#2	36.879	.00175	.00035	.00076	.00062	-.00088	.00191
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00298	.00019	.00063	-.00114	.00089	.03769	-.00075
SDev	.00160	.00344	.00002	.00096	.00012	.00006	.00017
%RSD	53.515	1846.6	2.5013	84.760	13.423	.16680	22.327
#1	.00411	.00262	.00062	-.00182	.00098	.03773	-.00087
#2	.00185	-.00225	.00064	-.00045	.00081	.03765	-.00063
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00090	.01692
SDev	.00024	.00026
%RSD	26.307	1.5338
#1	.00073	.01674
#2	.00107	.01710
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6155	--	--	--	--	--	--
SDev	25.56219	--	--	--	--	--	--
%RSD	.4152958	--	--	--	--	--	--
#1	6137	--	--	--	--	--	--
#2	6173	--	--	--	--	--	--

Analysis Report 12/14/05 04:10:03 AM page 1

Method: TRACE1 Sample Name: AD570788 Operator: SW
Run Time: 12/14/05 04:05:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05960	-.00087	.39765	.03437	.00029	64.932	-.00017
SDev	.00248	.00122	.00335	.00046	.00007	.276	.00023
%RSD	4.1541	140.56	.84320	1.3468	24.319	.42520	134.94
#1	.05785	-.00173	.40002	.03470	.00034	65.127	-.00001
#2	.06135	-.00001	.39527	.03404	.00024	64.737	-.00034
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00050	.00077	.00175	.04536	1.7465	33.401	.00462
SDev	.00004	.00021	.00022	.00383	.0071	.336	.00012
%RSD	8.9249	27.007	12.307	8.4541	.40900	1.0052	2.4898
#1	.00053	.00092	.00191	.04807	1.7415	33.638	.00470
#2	.00046	.00062	.00160	.04264	1.7516	33.163	.00454
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	82.833	.00101	-.00040	.00159	.00093	.00273	-.00187
SDev	.340	.00053	.00004	.00174	.00117	.00033	.00165
%RSD	.41018	52.158	9.1786	109.17	126.20	12.021	88.122
#1	83.073	.00138	-.00043	.00036	.00010	.00250	-.00304
#2	82.592	.00064	-.00038	.00282	.00176	.00296	-.00070
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00553	.00133	.00129	-.00185	.00065	.01418	.00024
SDev	.00060	.00019	.00019	.00060	.00024	.00034	.00015
%RSD	10.831	14.500	15.097	32.466	36.441	2.4260	63.580
#1	.00510	.00119	.00143	-.00143	.00082	.01442	.00013
#2	.00595	.00146	.00115	-.00228	.00048	.01394	.00034
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00077	.07672
SDev	.00005	.00154
%RSD	6.5323	2.0099
#1	.00081	.07782
#2	.00074	.07563
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6163	--	--	--	--	--	--
SDev	49.10870	--	--	--	--	--	--
%RSD	.7968538	--	--	--	--	--	--
#1	6128	--	--	--	--	--	--
#2	6198	--	--	--	--	--	--

Analysis Report 12/14/05 04:14:55 AM page 1

Method: TRACE1 Sample Name: AD570789 Operator: SW
Run Time: 12/14/05 04:10:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02452	-.00065	.34200	.02814	.00033	79.441	-.00004
SDev	.00238	.00064	.00057	.00020	.00001	.087	.00002
%RSD	9.7160	98.143	.16680	.71740	3.0056	.10940	60.030
#1	.02284	-.00020	.34240	.02828	.00033	79.503	-.00006
#2	.02621	-.00110	.34160	.02799	.00034	79.380	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00043	.00105	.00132	.00986	2.3031	52.058	.00623
SDev	.00017	.00002	.00003	.00283	.0055	.074	.00002
%RSD	39.429	2.0792	1.8602	28.711	.23735	.14194	.35848
#1	.00031	.00107	.00134	.01186	2.3070	52.110	.00622
#2	.00055	.00104	.00130	.00785	2.2993	52.006	.00625
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.445	.00122	.00025	.00117	.00087	.00080	.00027
SDev	.160	.00016	.00038	.00043	.00041	.00074	.00122
%RSD	.31765	13.249	151.14	36.630	47.741	92.749	448.81
#1	50.558	.00110	.00052	.00147	.00116	.00132	-.00059
#2	50.331	.00133	-.00002	.00087	.00057	.00027	.00113
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00450	-.00105	.00056	.00060	.00056	.00310	.00045
SDev	.00189	.00206	.00001	.00044	.00011	.00029	.00223
%RSD	42.134	195.05	1.3165	72.232	20.006	9.2377	495.41
#1	.00316	.00040	.00055	.00091	.00048	.00289	-.00113
#2	.00584	-.00251	.00056	.00029	.00064	.00330	.00203
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00107	.06668
SDev	.00032	.00068
%RSD	30.404	1.0119
#1	.00084	.06620
#2	.00130	.06716
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6218	--	--	--	--	--	--
SDev	26.83484	--	--	--	--	--	--
%RSD	.4315653	--	--	--	--	--	--
#1	6199	--	--	--	--	--	--
#2	6237	--	--	--	--	--	--

Analysis Report 12/14/05 04:19:48 AM page 1

Method: TRACE1 Sample Name: AD570790 Operator: SW
Run Time: 12/14/05 04:14:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02000	.00037	.06604	.02567	.00040	133.42	-.00004
SDev	.00444	.00036	.00145	.00049	.00001	.55	.00024
%RSD	22.193	96.126	2.1922	1.8972	2.4541	.41174	571.15
#1	.01686	.00012	.06706	.02601	.00041	133.81	.00013
#2	.02314	.00063	.06502	.02532	.00040	133.03	-.00022
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00046	.00120	.00144	.00143	.72182	61.584	.00073
SDev	.00029	.00047	.00051	.00061	.02831	.442	.00002
%RSD	64.703	39.251	35.678	42.887	3.9219	.71799	2.0187
#1	.00066	.00153	.00180	.00187	.74184	61.897	.00072
#2	.00025	.00086	.00107	.00100	.70180	61.272	.00074
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.798	.00132	.00094	.00060	.00072	-.00001	-.00186
SDev	.270	.00013	.00035	.00139	.00081	.00364	.00192
%RSD	1.1832	9.9146	36.999	230.65	113.41	34057.	103.09
#1	22.989	.00141	.00119	-.00038	.00014	.00256	-.00050
#2	22.608	.00123	.00070	.00159	.00129	-.00259	-.00321
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00145	-.00074	.00039	-.00171	.00048	.01813	-.00040
SDev	.00700	.00196	.00002	.00177	.00023	.00084	.00106
%RSD	484.22	265.64	4.1563	103.05	49.138	4.6530	268.14
#1	.00640	.00065	.00038	-.00046	.00064	.01873	.00035
#2	-.00350	-.00213	.00040	-.00296	.00031	.01754	-.00114
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00086	.00211
SDev	.00000	.00013
%RSD	.16373	6.2045
#1	.00086	.00221
#2	.00086	.00202
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6220	--	--	--	--	--	--
SDev	66.07927	--	--	--	--	--	--
%RSD	1.062398	--	--	--	--	--	--
#1	6173	--	--	--	--	--	--
#2	6267	--	--	--	--	--	--

Analysis Report 12/14/05 04:24:40 AM page 1

Method: TRACE1 Sample Name: AD570791 Operator: SW
Run Time: 12/14/05 04:19:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01338	-.00080	.37756	.03635	.00038	99.580	-.00007
SDev	.01119	.00182	.00190	.00061	.00003	.096	.00017
%RSD	83.619	227.66	.50302	1.6784	8.4872	.09643	239.54
#1	.02129	.00049	.37622	.03592	.00041	99.512	.00005
#2	.00547	-.00209	.37890	.03678	.00036	99.648	-.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	.00075	.00096	-.00254	.99807	45.142	.00220
SDev	.00016	.00032	.00012	.00497	.04029	.217	.00001
%RSD	170.75	42.894	11.985	195.67	4.0364	.48074	.26757
#1	.00021	.00098	.00088	.00098	1.0266	44.988	.00220
#2	-.00002	.00052	.00104	-.00606	.96958	45.295	.00219
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	47.948	.00075	-.00022	-.00011	-.00015	.00000	-.00160
SDev	.442	.00005	.00144	.00174	.00068	.00109	.00409
%RSD	.92184	6.7291	664.74	1511.3	455.41	39440.	255.33
#1	47.636	.00071	.00080	-.00134	-.00063	.00077	.00129
#2	48.261	.00078	-.00124	.00111	.00033	-.00077	-.00450
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	.00002	.00029	-.00013	.00048	.01010	-.00076
SDev	.00327	.00000	.00010	.00034	.00000	.00031	.00053
%RSD	9933.6	.34442	34.847	254.23	.83122	3.0644	70.208
#1	.00228	.00002	.00036	.00011	.00048	.00988	-.00114
#2	-.00234	.00002	.00022	-.00038	.00048	.01032	-.00038
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00085	.02066
SDev	.00009	.00104
%RSD	10.940	5.0230
#1	.00092	.02139
#2	.00079	.01992
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6203	--	--	--	--	--	--
SDev	49.32070	--	--	--	--	--	--
%RSD	.7950879	--	--	--	--	--	--
#1	6238	--	--	--	--	--	--
#2	6168	--	--	--	--	--	--

Analysis Report 12/14/05 04:29:33 AM page 1

Method: TRACE1 Sample Name: AD570792 Operator: SW
Run Time: 12/14/05 04:24:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02336	-.00009	.46678	.01902	.00042	172.61	-.00003
SDev	.00340	.00098	.00210	.00017	.00001	.43	.00004
%RSD	14.571	1036.4	.44994	.89813	2.3887	.24705	114.48
#1	.02577	-.00079	.46529	.01890	.00041	172.31	-.00001
#2	.02095	.00060	.46826	.01914	.00043	172.91	-.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00100	.00147	.00330	.00681	3.8694	124.36	.13031
SDev	.00030	.00035	.00025	.00713	.0404	.39	.00059
%RSD	30.505	23.599	7.5233	104.79	1.0439	.31118	.45366
#1	.00078	.00123	.00312	.01185	3.8980	124.08	.12989
#2	.00121	.00172	.00347	.00176	3.8409	124.63	.13072
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	101.83	.00429	.00071	-.00020	.00010	.00134	-.00073
SDev	.97	.00031	.00078	.00014	.00035	.00129	.00019
%RSD	.95472	7.3222	110.66	69.413	338.32	96.428	26.344
#1	101.14	.00407	.00126	-.00010	.00035	.00225	-.00087
#2	102.52	.00451	.00015	-.00029	-.00014	.00043	-.00060
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00363	.00019	.00055	-.00001	.00016	.03357	-.00024
SDev	.00030	.00178	.00011	.00122	.00000	.00012	.00016
%RSD	8.4070	925.24	20.407	8436.9	.78274	.34455	66.155
#1	.00385	.00145	.00047	-.00088	.00015	.03348	-.00013
#2	.00342	-.00107	.00063	.00085	.00016	.03365	-.00036
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00042	.01655
SDev	.00008	.00119
%RSD	18.334	7.1755
#1	.00036	.01571
#2	.00047	.01739
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6126	--	--	--	--	--	--
SDev	37.33510	--	--	--	--	--	--
%RSD	.6094979	--	--	--	--	--	--
#1	6152	--	--	--	--	--	--
#2	6099	--	--	--	--	--	--

Analysis Report 12/14/05 04:34:26 AM page 1

Method: TRACE1 Sample Name: AD570793 Operator: SW
Run Time: 12/14/05 04:29:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01146	.00009	.29428	.04046	.00032	108.52	-.00015
SDev	.00239	.00062	.00083	.00010	.00000	.05	.00002
%RSD	20.875	670.16	.28320	.23525	1.3206	.04951	9.8478
#1	.00977	.00053	.29369	.04053	.00031	108.48	-.00014
#2	.01315	-.00035	.29487	.04039	.00032	108.56	-.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	.00065	.00243	.00096	2.0877	54.849	.01359
SDev	.00038	.00034	.00003	.00003	.0018	.052	.00005
%RSD	201.73	52.982	1.0473	2.6191	.08633	.09391	.38402
#1	-.00008	.00041	.00245	.00097	2.0890	54.812	.01355
#2	.00046	.00089	.00241	.00094	2.0864	54.885	.01362
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	49.174	.00094	.00047	-.00044	-.00014	.00280	-.00121
SDev	.150	.00011	.00063	.00150	.00079	.00206	.00281
%RSD	.30440	11.921	134.37	339.71	573.37	73.514	233.07
#1	49.280	.00086	.00092	-.00150	-.00069	.00134	-.00320
#2	49.068	.00102	.00002	.00062	.00042	.00426	.00078
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00202	.00319	.00030	-.00240	.00064	.01608	.00070
SDev	.00355	.00131	.00001	.00062	.00023	.00038	.00052
%RSD	176.21	41.079	2.8396	25.735	35.700	2.3840	74.870
#1	-.00050	.00227	.00029	-.00284	.00048	.01581	.00107
#2	.00453	.00412	.00030	-.00196	.00080	.01635	.00033
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00042	.01611
SDev	.00028	.00082
%RSD	66.062	5.0782
#1	.00062	.01669
#2	.00022	.01553
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6217	--	--	--	--	--	--
SDev	10.50026	--	--	--	--	--	--
%RSD	.1688844	--	--	--	--	--	--
#1	6210	--	--	--	--	--	--
#2	6225	--	--	--	--	--	--

Analysis Report 12/14/05 04:39:19 AM page 1

Method: TRACE1 Sample Name: AD570794 Operator: SW
Run Time: 12/14/05 04:34:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02360	-.00148	.14039	.02258	.00056	216.09	.00002
SDev	.00779	.00042	.00226	.00032	.00000	.48	.00005
%RSD	33.016	28.094	1.6063	1.4398	.36308	.22363	232.46
#1	.02911	-.00178	.13880	.02235	.00057	215.75	-.00001
#2	.01809	-.00119	.14198	.02281	.00056	216.44	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00048	.00222	.00777	-.00019	3.6381	179.52	.02753
SDev	.00021	.00042	.00026	.00999	.0745	1.51	.00009
%RSD	42.760	19.102	3.3774	5347.4	2.0483	.83892	.33107
#1	.00034	.00192	.00759	.00688	3.6908	178.45	.02746
#2	.00063	.00252	.00796	-.00725	3.5854	180.58	.02759
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	65.619	.00530	.00030	.00066	.00054	.00284	.00193
SDev	.578	.00082	.00020	.00082	.00048	.00206	.00057
%RSD	.88131	15.515	65.251	123.60	88.265	72.685	29.539
#1	65.210	.00472	.00016	.00124	.00088	.00138	.00152
#2	66.028	.00588	.00045	.00008	.00020	.00430	.00233
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00457	.00197	.00034	-.00082	.00040	.01383	-.00297
SDev	.00056	.00337	.00027	.00195	.00058	.00007	.00053
%RSD	12.130	171.21	80.623	237.76	144.79	.50188	17.774
#1	.00497	-.00041	.00053	-.00219	.00081	.01378	-.00260
#2	.00418	.00435	.00015	.00056	-.00001	.01388	-.00335
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00080	.00864
SDev	.00075	.00121
%RSD	93.417	14.034
#1	.00133	.00778
#2	.00027	.00949
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6126	--	--	--	--	--	--
SDev	25.77383	--	--	--	--	--	--
%RSD	.4207028	--	--	--	--	--	--
#1	6145	--	--	--	--	--	--
#2	6108	--	--	--	--	--	--

Analysis Report 12/14/05 04:44:13 AM page 1

Method: TRACE1 Sample Name: AD570795 Operator: SW
Run Time: 12/14/05 04:39:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01295	-.00071	.43757	.01792	.00034	60.340	-.00001
SDev	.00093	.00095	.00023	.00001	.00003	.045	.00002
%RSD	7.1504	133.58	.05298	.06433	8.6723	.07482	220.87
#1	.01360	-.00138	.43774	.01791	.00036	60.372	-.00003
#2	.01229	-.00004	.43741	.01793	.00032	60.309	.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00065	.00103	.00420	.00189	1.2508	28.252	.00759
SDev	.00034	.00012	.00021	.00419	.0060	.051	.00003
%RSD	51.588	11.872	5.0192	221.55	.47712	.17913	.41831
#1	.00042	.00111	.00435	-.00107	1.2550	28.288	.00761
#2	.00089	.00094	.00405	.00485	1.2466	28.216	.00757
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	58.403	.00092	-.00049	.00032	.00005	-.00126	-.00006
SDev	.169	.00008	.00098	.00038	.00058	.00142	.00082
%RSD	.29000	8.7538	202.36	118.38	1071.2	113.10	1277.4
#1	58.523	.00086	.00021	.00060	.00047	-.00227	-.00064
#2	58.284	.00097	-.00118	.00005	-.00036	-.00025	.00052
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00000	-.00189	.00032	-.00065	.00073	.00341	.00120
SDev	.00369	.00029	.00002	.00172	.00011	.00032	.00087
%RSD	401820.	15.453	5.3531	265.63	15.711	9.3046	72.531
#1	-.00261	-.00210	.00030	.00057	.00065	.00363	.00181
#2	.00261	-.00168	.00033	-.00187	.00081	.00318	.00058
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00070	.07753
SDev	.00001	.00037
%RSD	1.9552	.47760
#1	.00071	.07779
#2	.00069	.07727
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6200	--	--	--	--	--	--
SDev	5.197304	--	--	--	--	--	--
%RSD	.0838211	--	--	--	--	--	--
#1	6197	--	--	--	--	--	--
#2	6204	--	--	--	--	--	--

Analysis Report QC Standard 12/14/05 04:50:26 AM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 12/14/05 04:45:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.619	.48796	.47540	.49258	.49627	25.164	.48848
SDev	.008	.00111	.00187	.00008	.00010	.012	.00034
%RSD	.03183	.22763	.39343	.01594	.02101	.04816	.07000
#1	25.613	.48874	.47408	.49264	.49634	25.155	.48824
#2	25.624	.48717	.47672	.49253	.49620	25.172	.48873
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48969	.49435	.51762	24.739	24.347	24.867	.50198
SDev	.00028	.00020	.00007	.013	.018	.026	.00039
%RSD	.05632	.04039	.01395	.05177	.07215	.10578	.07716
#1	.48988	.49449	.51757	24.730	24.334	24.848	.50225
#2	.48949	.49421	.51767	24.748	24.359	24.886	.50170
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.343	.49517	.49119	.48980	.49026	.49606	.50175
SDev	.014	.00012	.00245	.00134	.00171	.00170	.00185
%RSD	.05405	.02343	.49960	.27262	.34834	.34282	.36938
#1	25.333	.49509	.48945	.48886	.48905	.49486	.50044
#2	25.352	.49526	.49292	.49074	.49147	.49727	.50306
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49445	.49688	.50891	.50052	.49681	.48676	.50527
SDev	.00537	.00524	.00047	.00015	.00008	.00096	.00262
%RSD	1.0865	1.0540	.09145	.02970	.01672	.19701	.51922
#1	.49825	.49317	.50858	.50042	.49675	.48744	.50341
#2	.49065	.50058	.50924	.50063	.49687	.48608	.50712
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.49392	.49715
SDev	.00048	.00055
%RSD	.09636	.11071
#1	.49359	.49677
#2	.49426	.49754
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6164	--	--	--	--	--	--
SDev	14.74324	--	--	--	--	--	--
%RSD	.2391879	--	--	--	--	--	--
#1	6153	--	--	--	--	--	--
#2	6174	--	--	--	--	--	--

Analysis Report Blank Sample 12/14/05 04:55:19 AM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 12/14/05 04:50:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00096	-.00073	.00104	.00015	.00025	.00424	.00002
SDev	.00152	.00227	.00047	.00000	.00002	.00040	.00026
%RSD	158.79	312.00	44.904	.01341	6.4581	9.4656	1700.5
#1	.00012	-.00233	.00071	.00015	.00024	.00395	-.00017
#2	-.00203	.00088	.00137	.00015	.00026	.00452	.00020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	.00016	.00046	.00200	.01340	.00281	.00004
SDev	.00030	.00002	.00009	.00137	.00579	.00055	.00000
%RSD	1967.4	9.4662	20.041	68.178	43.170	19.403	.00750
#1	.00020	.00015	.00039	.00297	.00931	.00320	.00004
#2	-.00023	.00017	.00052	.00104	.01749	.00243	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09585	-.00023	.00141	.00025	.00064	.00066	.00172
SDev	.12607	.00028	.00140	.00178	.00165	.00031	.00127
%RSD	131.52	122.99	99.064	701.52	257.99	47.037	73.516
#1	.00671	-.00042	.00042	-.00100	-.00053	.00044	.00262
#2	.18500	-.00003	.00241	.00151	.00181	.00088	.00083
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00088	.00055	.00001	-.00032	.00007	-.00095	.00043
SDev	.00058	.00075	.00010	.00122	.00011	.00041	.00086
%RSD	65.682	137.01	1283.6	381.11	162.35	43.495	197.35
#1	.00129	.00002	.00008	.00054	.00015	-.00124	.00104
#2	.00047	.00108	-.00006	-.00119	-.00001	-.00066	-.00017
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00026	.00028
SDev	.00016	.00066
%RSD	60.729	236.97
#1	.00038	.00075
#2	.00015	-.00019
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6257	--	--	--	--	--	--
SDev	.4243331	--	--	--	--	--	--
%RSD	.0067813	--	--	--	--	--	--
#1	6258	--	--	--	--	--	--
#2	6257	--	--	--	--	--	--

Analysis Report 12/14/05 05:00:13 AM page 1

Method: TRACE1 Sample Name: AD570796 Operator: SW
Run Time: 12/14/05 04:55:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02148	-.00139	.37447	.02161	.00051	160.13	-.00021
SDev	.00232	.00254	.00128	.00001	.00000	.15	.00002
%RSD	10.798	182.58	.34042	.03224	.14163	.09128	9.5449
#1	.02312	.00040	.37357	.02161	.00051	160.03	-.00020
#2	.01984	-.00318	.37537	.02162	.00050	160.24	-.00023
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00031	.00076	.00127	-.00615	2.5347	66.733	.00152
SDev	.00011	.00003	.00019	.00138	.0054	.224	.00005
%RSD	34.684	3.6143	14.645	22.480	.21181	.33519	3.1021
#1	.00023	.00078	.00141	-.00713	2.5385	66.575	.00155
#2	.00039	.00074	.00114	-.00517	2.5309	66.891	.00149
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	92.862	.00169	.00118	.00160	.00146	.00208	.00150
SDev	.298	.00024	.00118	.00011	.00047	.00381	.00211
%RSD	.32083	14.037	100.20	6.9976	32.135	182.88	141.01
#1	92.652	.00152	.00202	.00168	.00179	.00478	.00299
#2	93.073	.00185	.00034	.00152	.00113	-.00061	.00000
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00488	.00068	.00045	-.00017	.00024	.01395	-.00161
SDev	.00311	.00416	.00002	.00139	.00012	.00025	.00070
%RSD	63.721	607.09	3.8704	809.07	48.547	1.7669	43.659
#1	.00707	.00363	.00044	.00081	.00032	.01377	-.00210
#2	.00268	-.00226	.00046	-.00115	.00016	.01412	-.00111
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00056	.03103
SDev	.00068	.00035
%RSD	121.49	1.1198
#1	.00008	.03078
#2	.00104	.03128
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6139	--	--	--	--	--	--
SDev	13.36425	--	--	--	--	--	--
%RSD	.2176978	--	--	--	--	--	--
#1	6148	--	--	--	--	--	--
#2	6129	--	--	--	--	--	--

Analysis Report 12/14/05 05:05:07 AM page 1

Method: TRACE1 Sample Name: AD570797 Operator: SW
Run Time: 12/14/05 05:00:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08136	.00011	.45272	.02185	.00028	28.860	-.00000
SDev	.00240	.00051	.00125	.00004	.00002	.027	.00015
%RSD	2.9481	481.76	.27705	.17386	7.1696	.09440	3571.1
#1	.08306	-.00025	.45184	.02182	.00029	28.879	-.00011
#2	.07967	.00047	.45361	.02188	.00026	28.841	.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00041	.00049	.00298	.06197	1.1224	11.955	.00334
SDev	.00030	.00003	.00005	.00339	.0110	.002	.00002
%RSD	74.450	6.4843	1.6647	5.4652	.97618	.01349	.57171
#1	.00062	.00047	.00294	.06437	1.1302	11.956	.00335
#2	.00019	.00052	.00301	.05958	1.1147	11.953	.00333
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	86.193	.00049	.00009	.00156	.00107	.00248	-.00196
SDev	.001	.00018	.00065	.00111	.00096	.00049	.00424
%RSD	.00098	35.656	713.66	71.240	89.428	19.950	216.74
#1	86.192	.00062	-.00037	.00078	.00039	.00213	.00104
#2	86.193	.00037	.00055	.00235	.00175	.00283	-.00496
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00540	.00101	.00152	-.00019	.00056	.00422	.00095
SDev	.00137	.00143	.00013	.00259	.00034	.00001	.00225
%RSD	25.391	140.62	8.4924	1367.1	61.081	.28111	235.43
#1	.00637	.00001	.00142	-.00202	.00081	.00421	.00254
#2	.00443	.00202	.00161	.00164	.00032	.00422	-.00063
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00059	.08968
SDev	.00005	.00122
%RSD	7.6068	1.3615
#1	.00062	.08882
#2	.00056	.09054
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6203	--	--	--	--	--	--
SDev	10.71260	--	--	--	--	--	--
%RSD	.1726996	--	--	--	--	--	--
#1	6211	--	--	--	--	--	--
#2	6195	--	--	--	--	--	--

Analysis Report 12/14/05 05:10:01 AM page 1

Method: TRACE1 Sample Name: AD570798 Operator: SW
Run Time: 12/14/05 05:05:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04631	.00096	.59567	.01898	.00039	49.691	-.00005
SDev	.00202	.00080	.00132	.00005	.00003	.135	.00003
%RSD	4.3581	82.945	.22106	.28614	7.1458	.27093	64.773
#1	.04488	.00040	.59660	.01902	.00041	49.786	-.00003
#2	.04773	.00152	.59474	.01894	.00037	49.596	-.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00038	.00087	.00341	.02862	1.4158	17.748	.00106
SDev	.00006	.00010	.00005	.00494	.0098	.029	.00006
%RSD	16.733	11.877	1.5758	17.258	.69537	.16374	5.1849
#1	.00033	.00080	.00345	.02512	1.4228	17.768	.00110
#2	.00042	.00094	.00337	.03211	1.4089	17.727	.00102
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	102.58	.00079	.00106	.00012	.00043	.00023	-.00116
SDev	.39	.00055	.00008	.00026	.00019	.00059	.00219
%RSD	.38093	69.524	7.1975	213.28	45.108	254.47	189.24
#1	102.86	.00040	.00112	.00030	.00057	-.00019	.00039
#2	102.31	.00117	.00101	-.00006	.00029	.00065	-.00271
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00117	-.00023	.00128	.00024	.00082	.00457	.00015
SDev	.00199	.00188	.00002	.00021	.00000	.00013	.00070
%RSD	170.17	808.09	1.5613	85.498	.29935	2.7656	475.74
#1	.00257	-.00157	.00129	.00039	.00083	.00466	-.00035
#2	-.00024	.00110	.00126	.00010	.00082	.00448	.00064
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00103	.07887
SDev	.00085	.00005
%RSD	82.728	.06321
#1	.00043	.07884
#2	.00164	.07891
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6089	--	--	--	--	--	--
SDev	17.28855	--	--	--	--	--	--
%RSD	.2839367	--	--	--	--	--	--
#1	6077	--	--	--	--	--	--
#2	6101	--	--	--	--	--	--

Analysis Report 12/14/05 05:14:56 AM page 1

Method: TRACE1 Sample Name: AD570799 Operator: SW
Run Time: 12/14/05 05:10:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11149	.00242	.53702	.02534	.00044	27.781	-.00005
SDev	.00596	.00004	.00118	.00021	.00004	.015	.00006
%RSD	5.3446	1.7566	.21902	.83370	8.8410	.05448	114.41
#1	.10727	.00239	.53785	.02549	.00041	27.770	-.00009
#2	.11570	.00245	.53619	.02519	.00047	27.792	-.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00069	.00062	.00441	.06166	.98228	9.3662	.01348
SDev	.00045	.00023	.00022	.00765	.04914	.0161	.00004
%RSD	65.585	37.265	4.9683	12.404	5.0025	.17159	.31960
#1	.00037	.00079	.00457	.05625	.94753	9.3776	.01345
#2	.00101	.00046	.00426	.06707	1.0170	9.3549	.01351
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	73.345	.00091	.00137	-.00038	.00020	.00115	-.00032
SDev	.430	.00051	.00149	.00048	.00082	.00036	.00078
%RSD	.58674	56.366	108.48	126.08	402.02	31.118	241.46
#1	73.649	.00055	.00032	-.00072	-.00037	.00141	-.00088
#2	73.040	.00127	.00242	-.00004	.00078	.00090	.00023
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00227	.00060	.00224	.00020	.00065	.01578	.00051
SDev	.00115	.00111	.00037	.00258	.00046	.00016	.00194
%RSD	50.552	186.82	16.602	1289.8	71.298	1.0481	379.83
#1	.00146	.00138	.00198	-.00162	.00032	.01566	.00188
#2	.00308	-.00019	.00250	.00202	.00098	.01590	-.00086
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00080	.07091
SDev	.00038	.00033
%RSD	46.877	.46877
#1	.00054	.07114
#2	.00107	.07067
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6122	--	--	--	--	--	--
SDev	15.06158	--	--	--	--	--	--
%RSD	.2460138	--	--	--	--	--	--
#1	6112	--	--	--	--	--	--
#2	6133	--	--	--	--	--	--

Analysis Report 12/14/05 05:19:50 AM page 1

Method: TRACE1 Sample Name: AD570800 Operator: SW
Run Time: 12/14/05 05:15:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01723	.00134	.58353	.03903	.00060	80.663	-.00004
SDev	.00068	.00196	.00232	.00007	.00000	.145	.00016
%RSD	3.9780	146.09	.39720	.19264	.48945	.17958	388.58
#1	.01674	.00273	.58517	.03908	.00060	80.766	-.00016
#2	.01771	-.00004	.58189	.03898	.00060	80.561	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00031	.00098	.00679	.00025	1.9445	24.829	.02043
SDev	.00069	.00068	.00016	.01077	.0056	.078	.00015
%RSD	220.00	69.334	2.3171	4293.8	.28677	.31478	.72937
#1	-.00017	.00146	.00690	-.00737	1.9405	24.885	.02053
#2	.00080	.00050	.00668	.00787	1.9484	24.774	.02032
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	144.41	.00158	.00252	-.00080	.00031	.00396	-.00296
SDev	.39	.00057	.00400	.00191	.00006	.00011	.00071
%RSD	.26881	35.741	158.70	240.01	18.548	2.6538	24.163
#1	144.69	.00198	.00535	-.00215	.00035	.00388	-.00346
#2	144.14	.00118	-.00031	.00056	.00027	.00403	-.00245
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00961	.00113	.00009	-.00041	.00035	.01669	.00017
SDev	.00114	.00073	.00011	.00016	.00024	.00003	.00072
%RSD	11.861	64.292	127.78	39.816	67.751	.18434	411.23
#1	.01042	.00062	.00001	-.00029	.00018	.01667	-.00033
#2	.00881	.00165	.00017	-.00052	.00052	.01671	.00068
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00057	.32610
SDev	.00060	.00070
%RSD	106.22	.21482
#1	.00014	.32660
#2	.00099	.32561
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6023	--	--	--	--	--	--
SDev	9.545941	--	--	--	--	--	--
%RSD	.1584849	--	--	--	--	--	--
#1	6030	--	--	--	--	--	--
#2	6016	--	--	--	--	--	--

Analysis Report 12/14/05 05:24:42 AM page 1

Method: TRACE1 Sample Name: AD570800/L (1:5) Operator: SW
Run Time: 12/14/05 05:19:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00567	-.00185	.11339	.00780	.00032	15.973	-.00011
SDev	.00125	.00116	.00016	.00003	.00002	.004	.00005
%RSD	22.043	62.473	.13738	.37814	6.8569	.02270	48.641
#1	.00656	-.00103	.11350	.00778	.00034	15.970	-.00007
#2	.00479	-.00267	.11328	.00782	.00030	15.975	-.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	.00020	.00154	-.00210	.34617	4.8744	.00397
SDev	.00005	.00000	.00014	.01417	.01373	.0047	.00005
%RSD	99.584	.13106	9.1626	675.72	3.9657	.09559	1.2437
#1	.00008	.00020	.00144	-.01211	.33646	4.8711	.00400
#2	.00001	.00020	.00164	.00792	.35587	4.8777	.00393
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	28.468	.00016	.00062	.00029	.00040	.00212	-.00101
SDev	.159	.00052	.00048	.00224	.00165	.00059	.00129
%RSD	.55822	316.57	77.203	773.07	414.36	27.814	127.04
#1	28.355	-.00020	.00028	-.00129	-.00077	.00254	-.00010
#2	28.580	.00053	.00095	.00187	.00157	.00170	-.00193
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00178	.00229	.00003	-.00018	.00024	.00116	.00012
SDev	.00072	.00125	.00020	.00039	.00035	.00000	.00070
%RSD	40.459	54.391	771.49	223.35	144.45	.14443	590.77
#1	.00127	.00317	-.00012	.00010	-.00001	.00116	.00061
#2	.00229	.00141	.00017	-.00045	.00049	.00116	-.00037
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00076	.06351
SDev	.00016	.00070
%RSD	21.262	1.0957
#1	.00064	.06302
#2	.00087	.06400
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6148	--	--	--	--	--	--
SDev	2.015323	--	--	--	--	--	--
%RSD	.0327795	--	--	--	--	--	--
#1	6150	--	--	--	--	--	--
#2	6147	--	--	--	--	--	--

Analysis Report 12/14/05 05:29:35 AM page 1

Method: TRACE1 Sample Name: AD570800/PS Operator: SW
Run Time: 12/14/05 05:24:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.450	.21276	.76106	.24646	.20747	87.682	.20595
SDev	.004	.00132	.00196	.00132	.00130	.132	.00055
%RSD	.03770	.61900	.25805	.53495	.62581	.15082	.26710
#1	10.452	.21183	.76245	.24740	.20839	87.588	.20634
#2	10.447	.21370	.75968	.24553	.20655	87.775	.20556
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20806	.20694	.21830	10.473	13.133	34.007	.22336
SDev	.00019	.00093	.00125	.011	.067	.101	.00049
%RSD	.09213	.44772	.57332	.10929	.51027	.29837	.21717
#1	.20820	.20629	.21918	10.465	13.085	34.078	.22371
#2	.20793	.20760	.21741	10.482	13.180	33.935	.22302
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	150.44	.20807	.20619	.20600	.20607	.21202	.20727
SDev	.46	.00062	.00083	.00228	.00125	.00161	.00176
%RSD	.30524	.29815	.40408	1.1081	.60424	.75777	.84899
#1	150.77	.20851	.20678	.20439	.20518	.21089	.20603
#2	150.12	.20763	.20560	.20762	.20695	.21316	.20852
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21696	.20956	.21142	.21509	.21087	.22145	.20707
SDev	.00439	.00460	.00043	.00183	.00005	.00005	.00199
%RSD	2.0227	2.1971	.20344	.85288	.02121	.02087	.96043
#1	.22006	.20630	.21111	.21379	.21090	.22148	.20847
#2	.21385	.21281	.21172	.21639	.21083	.22142	.20566
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05384	.52327
SDev	.00060	.00119
%RSD	1.1052	.22813
#1	.05342	.52243
#2	.05426	.52412
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6070	--	--	--	--	--	--
SDev	1.272999	--	--	--	--	--	--
%RSD	.0209703	--	--	--	--	--	--
#1	6070	--	--	--	--	--	--
#2	6071	--	--	--	--	--	--

Analysis Report 12/14/05 05:34:27 AM page 1

Method: TRACE1 Sample Name: AD570978/MS Operator: SW
Run Time: 12/14/05 05:29:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.077	.20672	.75434	.23877	.19959	87.370	.19953
SDev	.006	.00010	.00076	.00017	.00011	.057	.00038
%RSD	.05824	.04726	.10039	.07269	.05262	.06551	.19010
#1	10.081	.20666	.75381	.23889	.19967	87.411	.19927
#2	10.072	.20679	.75488	.23865	.19952	87.330	.19980
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19944	.19846	.20765	9.9698	12.727	33.771	.21762
SDev	.00056	.00118	.00073	.0065	.013	.006	.00012
%RSD	.28137	.59491	.35269	.06491	.09944	.01836	.05355
#1	.19984	.19930	.20817	9.9743	12.736	33.766	.21771
#2	.19904	.19763	.20714	9.9652	12.718	33.775	.21754
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	150.12	.19996	.20114	.19905	.19974	.20373	.20280
SDev	.36	.00043	.00209	.00067	.00114	.00704	.00016
%RSD	.24205	.21381	1.0381	.33679	.57197	3.4542	.07781
#1	149.87	.19965	.19966	.19857	.19894	.20871	.20269
#2	150.38	.20026	.20262	.19952	.20055	.19876	.20291
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20969	.20076	.20139	.20187	.19973	.21981	.20203
SDev	.00896	.00608	.00041	.00387	.00030	.00006	.00051
%RSD	4.2715	3.0275	.20456	1.9177	.14814	.02842	.25204
#1	.21602	.20505	.20168	.19913	.19994	.21986	.20167
#2	.20336	.19646	.20110	.20460	.19952	.21977	.20239
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05166	.51350
SDev	.00001	.00121
%RSD	.02409	.23514
#1	.05167	.51436
#2	.05165	.51265
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6141	--	--	--	--	--	--
SDev	16.22789	--	--	--	--	--	--
%RSD	.2642387	--	--	--	--	--	--
#1	6130	--	--	--	--	--	--
#2	6153	--	--	--	--	--	--

Analysis Report 12/14/05 05:39:20 AM page 1

Method: TRACE1 Sample Name: AD570979/SD Operator: SW
Run Time: 12/14/05 05:34:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9654	.20487	.75164	.23588	.19820	87.394	.19830
SDev	.0804	.00027	.00749	.00230	.00211	.508	.00154
%RSD	.80635	.12981	.99705	.97424	1.0664	.58132	.77551
#1	9.9086	.20468	.74634	.23425	.19670	87.035	.19721
#2	10.022	.20506	.75693	.23750	.19969	87.753	.19939
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19854	.19789	.20549	9.9357	12.561	33.690	.21651
SDev	.00175	.00150	.00198	.0694	.040	.273	.00208
%RSD	.87880	.75711	.96490	.69802	.31568	.81006	.96103
#1	.19731	.19683	.20409	9.8867	12.533	33.497	.21504
#2	.19977	.19895	.20689	9.9848	12.589	33.882	.21798
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	149.45	.19889	.19815	.19874	.19854	.19841	.20283
SDev	1.21	.00030	.00029	.00048	.00022	.00313	.00275
%RSD	.81049	.15160	.14461	.24152	.11319	1.5777	1.3577
#1	148.59	.19868	.19835	.19840	.19838	.19620	.20089
#2	150.31	.19911	.19795	.19908	.19870	.20062	.20478
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20174	.19675	.20027	.20119	.19880	.21865	.19979
SDev	.00792	.00073	.00139	.00012	.00115	.00187	.00093
%RSD	3.9276	.37288	.69272	.05829	.57921	.85531	.46825
#1	.19614	.19623	.19929	.20111	.19799	.21733	.19912
#2	.20734	.19727	.20125	.20128	.19961	.21997	.20045
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05265	.51436
SDev	.00029	.00418
%RSD	.54998	.81212
#1	.05244	.51140
#2	.05285	.51731
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6089	--	--	--	--	--	--
SDev	28.10749	--	--	--	--	--	--
%RSD	.4615977	--	--	--	--	--	--
#1	6109	--	--	--	--	--	--
#2	6069	--	--	--	--	--	--

Analysis Report 12/14/05 05:44:13 AM page 1

Method: TRACE1 Sample Name: AD570801 Operator: SW
Run Time: 12/14/05 05:39:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10516	.09495	5.9858	.45978	.00127	59.074	.00000
SDev	.00030	.00062	.0099	.00056	.00007	.095	.00009
%RSD	.28879	.65517	.16492	.12112	5.6177	.15997	2772.0
#1	.10495	.09539	5.9928	.46018	.00122	59.007	.00007
#2	.10538	.09451	5.9788	.45939	.00132	59.141	-.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03234	.06069	.00142	2.2843	479.11	114.51	.04110
SDev	.00039	.00031	.00003	.0025	2.46	.07	.00002
%RSD	1.2033	.50424	2.0252	.10822	.51331	.05896	.04672
#1	.03207	.06048	.00140	2.2825	477.37	114.46	.04109
#2	.03262	.06091	.00144	2.2860	480.84	114.56	.04112
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	800.00	800.00	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1127.4	.87199	.00081	.00102	.00095	.00511	.00078
SDev	.7	.00015	.00138	.00022	.00031	.00184	.00374
%RSD	.05859	.01736	170.93	21.231	33.189	36.030	478.87
#1	H1126.9	.87210	.00178	.00086	.00117	.00642	-.00187
#2	H1127.9	.87188	-.00017	.00117	.00072	.00381	.00343
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	600.00	25.000			40.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00978	.00278	.04678	-.00010	.04294	.01102	.00515
SDev	.00299	.00127	.00006	.00082	.00035	.00036	.00026
%RSD	30.561	45.654	.11712	793.63	.80686	3.2680	4.9867
#1	.01190	.00368	.04682	-.00068	.04269	.01127	.00497
#2	.00767	.00188	.04675	.00047	.04318	.01076	.00533
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	5.0000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00054	.01463
SDev	.00024	.00231
%RSD	44.390	15.765
#1	.00037	.01626
#2	.00071	.01300
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5490	--	--	--	--	--	--
SDev	44.22939	--	--	--	--	--	--
%RSD	.8056025	--	--	--	--	--	--
#1	5522	--	--	--	--	--	--
#2	5459	--	--	--	--	--	--

Analysis Report QC Standard 12/14/05 05:50:26 AM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 12/14/05 05:45:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.041	.48147	.46795	.47935	.48553	24.744	.48050
SDev	.112	.00594	.00185	.00206	.00281	.152	.00370
%RSD	.44740	1.2328	.39519	.42918	.57886	.61241	.76989
#1	24.962	.47727	.46664	.47790	.48354	24.637	.47788
#2	25.120	.48566	.46926	.48080	.48751	24.851	.48312
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48098	.48467	.50418	24.274	24.005	24.449	.49173
SDev	.00379	.00337	.00273	.151	.094	.160	.00314
%RSD	.78760	.69458	.54167	.62123	.38980	.65242	.63912
#1	.47830	.48229	.50225	24.167	23.939	24.337	.48951
#2	.48366	.48705	.50611	24.380	24.071	24.562	.49395
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.775	.48564	.48303	.47802	.47969	.48358	.49124
SDev	.134	.00333	.00485	.00613	.00571	.00457	.00379
%RSD	.54026	.68671	1.0051	1.2823	1.1893	.94522	.77196
#1	24.680	.48328	.47960	.47369	.47566	.48035	.48856
#2	24.870	.48800	.48646	.48236	.48372	.48681	.49392
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49405	.47835	.49718	.49496	.48646	.47967	.49557
SDev	.00487	.00442	.00273	.00335	.00247	.00377	.00251
%RSD	.98486	.92475	.54844	.67719	.50816	.78648	.50667
#1	.49061	.47522	.49525	.49259	.48471	.47701	.49379
#2	.49749	.48148	.49911	.49733	.48821	.48234	.49734
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.48269	.48770
SDev	.00180	.00247
%RSD	.37290	.50628
#1	.48141	.48595
#2	.48396	.48944
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6296	--	--	--	--	--	--
SDev	14.42491	--	--	--	--	--	--
%RSD	.2291086	--	--	--	--	--	--
#1	6306	--	--	--	--	--	--
#2	6286	--	--	--	--	--	--

Analysis Report Blank Sample 12/14/05 05:55:19 AM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 12/14/05 05:50:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00355	-.00071	.00379	.00013	.00030	.00916	-.00005
SDev	.00221	.00160	.00005	.00005	.00002	.00090	.00004
%RSD	62.196	225.59	1.3092	39.405	6.2897	9.8243	86.241
#1	.00199	.00042	.00376	.00010	.00031	.00980	-.00007
#2	.00511	-.00184	.00383	.00017	.00028	.00853	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00005	.00021	.00033	-.00193	.01682	.00626	-.00000
SDev	.00004	.00000	.00014	.00697	.00554	.00332	.00000
%RSD	80.924	.98513	41.141	361.86	32.952	53.031	155.50
#1	-.00007	.00021	.00042	-.00685	.02073	.00861	.00000
#2	-.00002	.00021	.00023	.00300	.01290	.00392	-.00000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02456	-.00004	.00074	.00105	.00095	-.00151	.00002
SDev	.04558	.00023	.00108	.00230	.00118	.00320	.00159
%RSD	185.56	624.25	145.06	219.49	124.10	212.56	6482.6
#1	-.00767	.00012	.00151	-.00058	.00012	-.00377	.00115
#2	.05680	-.00020	-.00002	.00268	.00178	.00076	-.00110
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00217	-.00117	.00003	-.00023	-.00001	-.00110	.00140
SDev	.00259	.00351	.00012	.00235	.00000	.00000	.00085
%RSD	119.31	298.81	370.28	1041.2	2.6724	.38187	60.523
#1	-.00400	-.00365	-.00005	-.00188	-.00001	-.00109	.00080
#2	-.00034	.00131	.00012	.00143	-.00001	-.00110	.00200
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00031	-.00017
SDev	.00026	.00046
%RSD	84.877	268.38
#1	.00012	.00015
#2	.00050	-.00049
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6268	--	--	--	--	--	--
SDev	17.18290	--	--	--	--	--	--
%RSD	.2741544	--	--	--	--	--	--
#1	6255	--	--	--	--	--	--
#2	6280	--	--	--	--	--	--

METALS DIGESTION LOG
A5B19251 - 12/13/05 SW8463 TOTAL 3005 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After		Clarity Before/After		Textur
12/13/05	07:00	MAP	A05-D985	A5D98501	A	FS	AD570885	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
12/13/05	07:00	MAP	A05-D985	A5D98502	A	FS	AD570886	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
12/13/05	07:00	MAP	A05-D985	A5D98503	A	FS	AD570887	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
12/13/05	07:00	MAP	A05-D985	A5D98503MS	A	MS	AD570888	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
12/13/05	07:00	MAP	A05-D985	A5D98503SD	A	SD	AD570889	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
12/13/05	07:00	MAP	A05-D985	A5D98504	A	FS	AD570890	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
12/13/05	07:00	MAP	A05-D985	A5D98505	A	FS	AD570891	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
12/13/05	07:00	MAP	A05-E056	A5E05601	A	FS	AD570892	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
12/13/05	07:00	MAP	A05-E056	A5E05602	A	FS	AD570893	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
12/13/05	07:00	MAP	A05-E056	A5E05603	A	FS	AD570894	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
12/13/05	07:00	MAP	A05-E056	A5E05604	A	FS	AD570895	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
12/13/05	07:00	MAP	A05-E056	A5E05605	A	FS	AD570896	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
12/13/05	07:00	MAP	A05-E056	A5E05606	A	FS	AD570897	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
12/13/05	07:00	MAP	A05-E056	A5E05607	A	FS	AD570898	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
12/13/05	07:00	MAP	A05-E059	A5E05901	A	FS	AD570899	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
12/13/05	07:00	MAP	A05-E059	A5E05902	A	FS	AD570900	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
12/13/05	07:00	MAP	A05-E059	A5E05903	A	FS	AD570901	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
12/13/05	07:00	MAP	A05-E059	A5E05904	A	FS	AD570902	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
12/13/05	07:00	MAP		A5B1925101	A	LFB	AD570903	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
12/13/05	07:00	MAP		A5B1925102	A	MBLK	AD570904	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE

Comments: EPPENDORF'S USED IN PARENTHESIS:
(MDL3) .250ml SN 1853714
QUALITY CONTROL ADDITIVES:
SPIKES ADDED / EPPENDORF (*) USED FOR SPIKING
A- 1 - W1 15-MDL-18 (MDL3) .25 ml PER 50ML FIN VOL
2 - W2 01-MDL-02 (MDL3) .25 ml PER 50ML FIN VOL
3 - Ag MSL0201 (MDL3) .25 ml PER 50ML FIN VOL
4 - Sn MSL0203 (MDL3) .25 ml PER 50ML FIN VOL

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

METALS DIGESTION LOG
A5B19251 - 12/13/05 SW8463 TOTAL 3005 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After	Clarity Before/After	Textur

CONC. NITRIC ACID = 02-MDL-15
CONC. Hcl ACID = 16-MDL-18
HOT BLOCK TEMPERATURE = 120
SAMPLE TEMPERATURE = 96
BATCH ENDED = 12/13/05
DIGESTIVE CUP LOT = A506LP024

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear Cloudy Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

METALS DIGESTION LOG
A5B19119 - 12/09/2005 NON-CLP WATER Hg ~~WI~~ W2 4H 12/9/05 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After		Clarity Before/After		Textur
2/09/05	10:30	LH	A05-D969	A5D96901	A	FS	AD570481	A	MERCURY	30.00	50.00					
2/09/05	10:30	LH	A05-D969	A5D96902	A	FS	AD570482	A	MERCURY	30.00	50.00					
2/09/05	10:30	LH	A05-D969	A5D96902MD	A	MD	AD570483	A	MERCURY	30.00	50.00					
2/09/05	10:30	LH	A05-D969	A5D96902MS	A	MS	AD570484	A	MERCURY	30.00	50.00					
2/09/05	10:30	LH	A05-D969	A5D96902SD	A	SD	AD570485	A	MERCURY	30.00	50.00					
2/09/05	10:30	LH	A05-D969	A5D96903	A	FS	AD570486	A	MERCURY	30.00	50.00					
2/09/05	10:30	LH	A05-D969	A5D96904	A	FS	AD570487	A	MERCURY	30.00	50.00					
2/09/05	10:30	LH	A05-D969	A5D96905	A	FS	AD570488	A	MERCURY	30.00	50.00					
2/09/05	10:30	LH	A05-D969	A5D96906	A	FS	AD570489	A	MERCURY	30.00	50.00					
2/09/05	10:30	LH	A05-D969	A5D96907	A	FS	AD570490	A	MERCURY	30.00	50.00					
2/09/05	10:30	LH	A05-D969	A5D96908	A	FS	AD570491	A	MERCURY	30.00	50.00					
2/09/05	10:30	LH	A05-D944	A5D94401	A	FS	AD570492	A	MERCURY	30.00	50.00					
2/09/05	10:30	LH	A05-D944	A5D94402	A	FS	AD570493	A	MERCURY	30.00	50.00					
2/09/05	10:30	LH	A05-D944	A5D94403	A	FS	AD570494	A	MERCURY	30.00	50.00					
2/09/05	10:30	LH	A05-D944	A5D94404	A	FS	AD570495	A	MERCURY	30.00	50.00					
2/09/05	10:30	LH	A05-D944	A5D94405	A	FS	AD570496	A	MERCURY	30.00	50.00					
2/09/05	10:30	LH	A05-D950	A5D95001	A	FS	AD570497	A	MERCURY	30.00	50.00					
2/09/05	10:30	LH	A05-D950	A5D95001MS	A	MS	AD570498	A	MERCURY	30.00	50.00					
2/09/05	10:30	LH	A05-D950	A5D95001SD	A	SD	AD570499	A	MERCURY	30.00	50.00					
2/09/05	10:30	LH	A05-D984	A5D98401	A	FS	AD570500	A	MERCURY	30.00	50.00					
2/09/05	10:30	LH	A05-D984	A5D98401MS	A	MS	AD570501	A	MERCURY	30.00	50.00					
2/09/05	10:30	LH	A05-D984	A5D98401SD	A	SD	AD570502	A	MERCURY	30.00	50.00					
2/09/05	10:30	LH	A05-D985	A5D98501	A	FS	AD570503	A	MERCURY	30.00	50.00					
2/09/05	10:30	LH	A05-D985	A5D98502	A	FS	AD570504	A	MERCURY	30.00	50.00					
2/09/05	10:30	LH	A05-D985	A5D98503	A	FS	AD570505	A	MERCURY	30.00	50.00					
2/09/05	10:30	LH	A05-D985	A5D98504	A	FS	AD570506	A	MERCURY	30.00	50.00					
2/09/05	10:30	LH	A05-D985	A5D98505	A	FS	AD570507	A	MERCURY	30.00	50.00					
2/09/05	10:30	LH		A5B1911901	A	LCS	AD570508	A	MERCURY	30.00	50.00					
2/09/05	10:30	LH		A5B1911902	A	MBLK	AD570509	A	MERCURY	30.00	50.00					

olor: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

Redigestion

METALS DIGESTION LOG
A5B19119 - 12/09/2005 NON-CLP WATER Hg ~~W1~~ W2 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After	Clarity Before/After	Textur

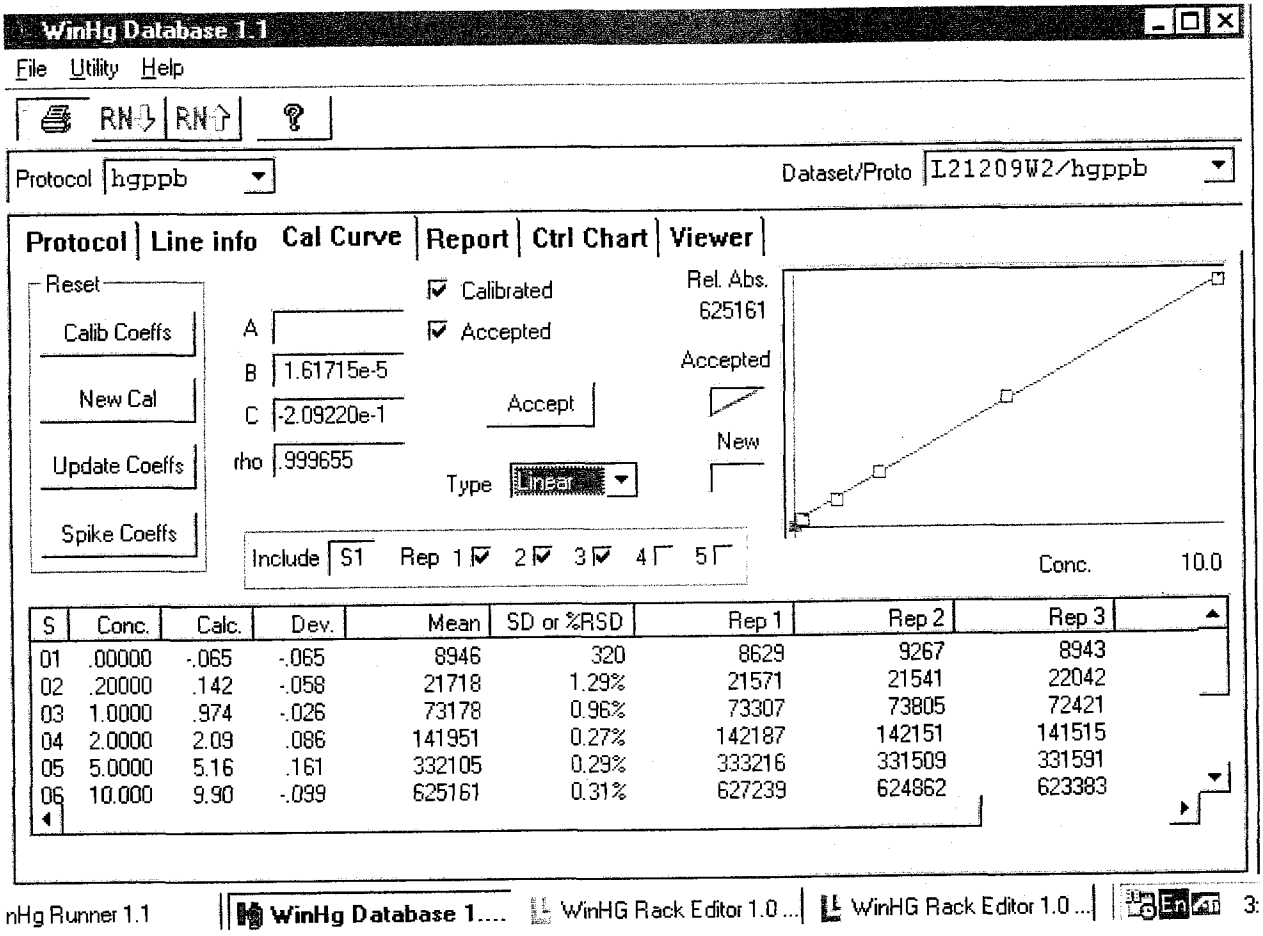
Comments: EPPENDORF USED TO ADD SPIKES:
HGL-5 2ml; HGL-4 1mL
EPPENDORFS USED TO DISPENSE SET VOLUMES:
HGL-1 .1mL HGL-4 1mL
HGL-2 .2mL HGL-5 2mL
HGL-3 .5mL HGL-6 5mL
MERCURY BATCH ADDITIONS
1.) HgLCS (W) 1-HGL-17
2.) Potassium Persulfate 3-020-R
3.) Potassium Permanganate 3-034-Q
4.) Stannous Chloride 2-178-U
5.) Hydroxylamine Hydrochloride 2-182-S
6.) HgLCS (S) 7-HGL-1
CONC. NITRIC ACID - J.T. BAKER LOT# B16037
CONC. HCL ACID - MALLINKRODT LOT# B19030
CONC. SULFURIC ACID - MALLINKRODT LOT# 5557 B05H10
HOT BLOCK TEMP FROM DESIGNATED CELL: (95) °C
TEMP CRITERIA: 95(+-)3 DEG C
DIGESTION CUPS ENVIROMENTAL EXPRESS LOT# A506LP024

:olor: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear Cloudy Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

' Redigestion



(LH)

3-073-K
-E
-F
-G
-H
-I

Folder: L21209W2
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

3-073-J

*** Check Standard: 2 Ck2ICV Seq: 1 13:56:48 09 Dec 05 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		103.	3.10	3.00	ppb	.000

=

3-073-K

*** Check Standard: 1 Ck1ICB/CCB Seq: 2 13:57:54 09 Dec 05 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.114	.200	ppb	.000

=

3-073-L

*** Check Standard: 4 Ck4CRA Seq: 3 13:58:59 09 Dec 05 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		69.0	.138	.200	ppb	.000

=

*** Sample ID: AD570481 Seq: 4 14:00:20 09 Dec 05 HG

Hg	-.048	ppb	.000	-.048

=

==========

*** Sample ID: AD570482 Seq: 5 14:01:37 09 Dec 05 HG

Hg	-.080	ppb	.000	-.080

=

==========

*** Sample ID: AD570483 Seq: 6 14:02:53 09 Dec 05 HG

Hg	-.060	ppb	.000	-.060

=

==========

*** Sample ID: AD570484 Seq: 7 14:03:59 09 Dec 05 HG

+1 PPB

Hg	.921	ppb	.000	.921

=

==========

*** Sample ID: AD570485 Seq: 8 14:05:05 09 Dec 05 HG

+1 PPB

Hg	.924	ppb	.000	.924

=

==========

*** Sample ID: AD570486 Seq: 9 14:06:11 09 Dec 05 HG

Hg	-.073	ppb	.000	-.073

=

==========

*** Sample ID: AD570487 Seq: 10 14:07:20 09 Dec 05 HG

Hg	-.055	ppb	.000	-.055

=

==========

*** Sample ID: AD570488 Seq: 11 14:08:30 09 Dec 05 HG

Hg	-.062	ppb	.000	-.062

=

==========

*** Sample ID: AD570489 Seq: 12 14:09:46 09 Dec 05 HG

Hg	-.081	ppb	.000	-.081

=

==========

*** Sample ID: AD570490 Seq: 13 14:11:02 09 Dec 05 HG

Hg	-.060	ppb	.000	-.060

=

Folder: L21209W2
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

3-073-H

*** Check Standard: 3 Ck3CCV Seq: 14 14:12:14 09 Dec 05 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		106.	2.11	2.00	ppb	.000

3-073-K

*** Check Standard: 1 Ck1ICB/CCB Seq: 15 14:13:30 09 Dec 05 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.079	.200	ppb	.000

*** Sample ID: AD570491 Seq: 16 14:14:36 09 Dec 05 HG

Hg -.042 ppb .000 -.042

==========

*** Sample ID: AD570492 Seq: 17 14:15:42 09 Dec 05 HG

Hg -.160 ppb .000 -.160

==========

*** Sample ID: AD570493 Seq: 18 14:16:58 09 Dec 05 HG

Hg -.096 ppb .000 -.096

==========

*** Sample ID: AD570494 Seq: 19 14:18:25 09 Dec 05 HG

Hg -.042 ppb .000 -.042

==========

*** Sample ID: AD570495 Seq: 20 14:19:32 09 Dec 05 HG

Hg -.133 ppb .000 -.133

==========

*** Sample ID: AD570496 Seq: 21 14:20:39 09 Dec 05 HG

Hg -.131 ppb .000 -.131

==========

*** Sample ID: AD570497 Seq: 22 14:21:55 09 Dec 05 HG

Hg -.067 ppb .000 -.067

==========

*** Sample ID: AD570498 Seq: 23 14:23:06 09 Dec 05 HG

+4 PPB

Hg 4.06 ppb .000 4.06

==========

*** Sample ID: AD570499 Seq: 24 14:24:15 09 Dec 05 HG

+4 PPB

Hg 4.06 ppb .000 4.06

==========

*** Sample ID: AD570500 Seq: 25 14:25:26 09 Dec 05 HG

Hg -.133 ppb .000 -.133

*** Check Standard: 3 Ck3CCV Seq: 26 14:26:46 09 Dec 05 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		106.	2.11	2.00	ppb	.000

```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-------------------------------------------------------------------------------

*** Check Standard: 1  Ck1ICB/CCB   Seq:  27      14:27:54 09 Dec 05   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.104     .200     ppb         .000
                                                                              =
*** Sample ID: AD570501             Seq:  28      14:29:12 09 Dec 05   HG
                           +4 PPB
Hg    2.86    ppb        .000      2.86
                                                                              =
===============================================================================
*** Sample ID: AD570502             Seq:  29      14:30:20 09 Dec 05   HG
                           +4 PPB
Hg    2.84    ppb        .000      2.84
                                                                              =
===============================================================================
*** Sample ID: AD570503             Seq:  30      14:31:28 09 Dec 05   HG

Hg   -.088    ppb        .000     -.088
                                                                              =
===============================================================================
*** Sample ID: AD570504             Seq:  31      14:32:42 09 Dec 05   HG

Hg   -.050    ppb        .000     -.050
                                                                              =
===============================================================================
*** Sample ID: AD570505             Seq:  32      14:34:10 09 Dec 05   HG

Hg   -.049    ppb        .000     -.049
                                                                              =
===============================================================================
*** Sample ID: AD570506             Seq:  33      14:35:21 09 Dec 05   HG

Hg   -.058    ppb        .000     -.058
                                                                              =
===============================================================================
*** Sample ID: AD570507             Seq:  34      14:36:32 09 Dec 05   HG

Hg   -.062    ppb        .000     -.062
                                                                              =
===============================================================================
*** Sample ID: AD570507L            Seq:  35      14:38:18 09 Dec 05   HG
                             1:3
Hg   -.091    ppb        .000     -.091
                                                                              =
===============================================================================
*** Sample ID: AD570508             Seq:  36      14:39:24 09 Dec 05   HG
 SPIKED                    +2 PPB
Hg    1.99    ppb        .000      1.99
                                                                              =
*** %Rec.  ID: AD570508             Seq:  37      14:39:24 09 Dec 05   HG
                        Spikes =1  Unspiked =0
      Spike              %Rcv.    Avg(U)    SD(U)     Avg(S)    SD(S)
Hg    2.00    ppb         99.3      .000     .000       1.99     .000          =

*** Sample ID: AD570509             Seq:  38      14:40:31 09 Dec 05   HG

Hg   -.107    ppb        .000     -.107
                                                                              =
*** Check Standard: 3  Ck3CCV       Seq:  39      14:41:43 09 Dec 05   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          105.     2.11    2.00   ppb         .000
                                                                              =
```

Folder: L21209W2
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 1 Ck1ICB/CCB Seq: 40 14:42:52 09 Dec 05 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.094	.200	ppb	.000

*** Sample ID: AD570510 Seq: 41 14:44:17 09 Dec 05 HG

Hg	-.050	ppb	.000	-.050	

*** Sample ID: AD570511 Seq: 42 14:45:27 09 Dec 05 HG

Hg	-.069	ppb	.000	-.069	

*** Sample ID: AD570512 Seq: 43 14:46:35 09 Dec 05 HG

Hg	-.049	ppb	.000	-.049	

*** Sample ID: AD570513 Seq: 44 14:47:51 09 Dec 05 HG

Hg	-.056	ppb	.000	-.056	

*** Sample ID: AD570514 Seq: 45 14:49:16 09 Dec 05 HG

Hg	-.077	ppb	.000	-.077	

*** Sample ID: AD570515 Seq: 46 14:51:14 09 Dec 05 HG

Hg	-.069	ppb	.000	-.069	

*** Sample ID: AD570516 Seq: 47 14:52:20 09 Dec 05 HG

Hg	-.074	ppb	.000	-.074	

*** Sample ID: AD570517 Seq: 48 14:53:25 09 Dec 05 HG

+4 PPB

Hg	3.18	ppb	.000	3.18	

*** Sample ID: AD570518 Seq: 49 14:55:11 09 Dec 05 HG

+4 PPB

Hg	3.27	ppb	.000	3.27	

*** Sample ID: AD570519 Seq: 50 14:56:21 09 Dec 05 HG

Hg	-.107	ppb	.000	-.107	

*** Check Standard: 3 Ck3CCV Seq: 51 14:57:31 09 Dec 05 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		106.	2.12	2.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 52 14:58:47 09 Dec 05 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.087	.200	ppb	.000

Folder: L21209W2
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: AD570520 Seq: 53 15:00:06 09 Dec 05 HG

Hg .797 ppb .000 .797 =

*** Sample ID: AD570521 Seq: 54 15:01:23 09 Dec 05 HG

Hg -.086 ppb .000 -.086 =

*** Sample ID: AD570522 Seq: 55 15:02:41 09 Dec 05 HG

Hg -.058 ppb .000 -.058 =

*** Sample ID: AD570522L Seq: 56 15:03:49 09 Dec 05 HG
1:3
Hg -.048 ppb .000 -.048 =

*** Sample ID: AD570523 Seq: 57 15:04:57 09 Dec 05 HG
SPIKED +2 PPB
Hg 1.98 ppb .000 1.98 =

*** %Rec. ID: AD570523 Seq: 58 15:04:58 09 Dec 05 HG
Spikes =1 Unspiked =0

	Spike		%Rcv.	Avg(U)	SD(U)	Avg(S)	SD(S)	
Hg	2.00	ppb	99.0	.000	.000	1.98	.000	=

*** Sample ID: AD570524 Seq: 59 15:06:06 09 Dec 05 HG

Hg -.119 ppb .000 -.119 =

*** Check Standard: 3 Ck3CCV Seq: 60 15:07:12 09 Dec 05 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		105.	2.11	2.00	ppb	.000

=

*** Check Standard: 1 Ck1ICB/CCB Seq: 62 15:09:50 09 Dec 05 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.060	.200	ppb	.000

=

ANALYTICAL REPORT

Job#: A06-3047

STL Project#: NY5A9393.3
Site Name: Ecology and Environment NYSDEC Standby
Task: Moreau Dredge Spoils Site-000699.NV22.02

Mr. Gene Florentino
Ecology and Environment
368 Pleasant View Drive
Lancaster, NY 14086

STL Buffalo

Anthony E. Bogolin
Project Manager

04/12/2006

STL Buffalo
Current Certifications

As of 4/10//2006

STATE	Program	Cert # / Lab ID
AFCEE	AFCEE	
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP CWA, RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA,ASP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
Tennessee	SDWA	02970
USACE	USACE	
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA,RCRA	C1677
West Virginia	CWA,RCRA	252
Wisconsin	CWA	998310390

Sample Data Summary Package

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A6304708	NM-MPI-03-GW	GW	03/22/2006	10:02	03/22/2006	16:25
A6304706	NM-MPI-05-GW	GW	03/21/2006	17:16	03/22/2006	16:25
A6304707	NM-MPI-06-GW	GW	03/21/2006	16:12	03/22/2006	16:25
A6304704	NM-MW-01-GW	GW	03/22/2006	07:25	03/22/2006	16:25
A6304701	NM-MW-02-GW	GW	03/21/2006	15:58	03/22/2006	16:25
A6304702	NM-MW-02-GW/D	GW	03/21/2006	15:58	03/22/2006	16:25
A6304703	NM-MW-03-GW	GW	03/21/2006	16:50	03/22/2006	16:25
A6304703MS	NM-MW-03-GW	GW	03/21/2006	16:50	03/22/2006	16:25
A6304703SD	NM-MW-03-GW	GW	03/21/2006	16:50	03/22/2006	16:25
A6304709	NM-MW-04-GW	GW	03/22/2006	08:36	03/22/2006	16:25
A6304710	NM-MW-05-GW	GW	03/22/2006	09:30	03/22/2006	16:25
A6304705	NM-MW-DOT-GW	GW	03/22/2006	08:21	03/22/2006	16:25

METHODS SUMMARY

Job#: A06-3047

STL Project#: NY5A9393.3
Site Name: Ecology and Environment NYSDEC Standby

PARAMETER	ANALYTICAL METHOD
METHOD 8082 - POLYCHLORINATED BIPHENYLS	SW8463 8082
Aluminum - Total	SW8463 6010
Antimony - Total	SW8463 6010
Arsenic - Total	SW8463 6010
Barium - Total	SW8463 6010
Beryllium - Total	SW8463 6010
Cadmium - Total	SW8463 6010
Calcium - Total	SW8463 6010
Chromium - Total	SW8463 6010
Cobalt - Total	SW8463 6010
Copper - Total	SW8463 6010
Iron - Total	SW8463 6010
Lead - Total	SW8463 6010
Magnesium - Total	SW8463 6010
Manganese - Total	SW8463 6010
Mercury - Total	SW8463 7470
Nickel - Total	SW8463 6010
Potassium - Total	SW8463 6010
Selenium - Total	SW8463 6010
Silver - Total	SW8463 6010
Sodium - Total	SW8463 6010
Thallium - Total	SW8463 6010
Vanadium - Total	SW8463 6010
Zinc - Total	SW8463 6010

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

NON-CONFORMANCE SUMMARY

Job#: A06-3047

STL Project#: NY5A9393.3
Site Name: Ecology and Environment NYSDEC Standby

General Comments

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

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

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

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

Sample Receipt Comments

A06-3047
Sample Cooler(s) were received at the following temperature(s); 4@4.2 °C
All samples were received in good condition.

GC Extractable Data

For method 8082, the recovery of the surrogate Decachlorobiphenyl for all samples and batch QC was outside project established quality control limits (low) but within laboratory quality control limits. The recovery of surrogate Tetrachloro-m-xylene is within both project and laboratory quality control limits for all samples and batch QC with the exception of sample NM-MW-01-GW. No further corrective action was required.

For method 8082, Aroclor 1260, 1254, 1016, and Decachlorobiphenyl exhibited a percent difference result of greater than 15% in the continuing calibration verification. No further corrective action was taken as all field samples are non-detect for these analytes.

Metals Data

The analyte Beryllium was detected in several of the CCB's at a level above the project established reporting limit. The requested reporting limit for Beryllium is below STL's standard reporting limit and, therefore, no corrective action has been taken for any anomalous detections. It must be noted that results reported below STL's standard reporting limit may result in false positive/false negative results, less accurate quantitation and potential misidentification at the lower concentrations.

The recovery of sample NM-MW-03-GW Matrix Spike exhibited a result above the quality control limits for Manganese. The recoveries of sample NM-MW-03-GW Matrix Spike Duplicate exhibited results above the quality control limits for Iron and Manganese. The sample result is more than four times greater than the spike added. The LFB was acceptable.

The recovery of sample NM-MW-03-GW Post Spike exhibited a result below the quality control limits for Manganese. However, the LFB was acceptable.

****

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

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION
AND
ANALYTICAL REQUEST SUMMARY

LAB NAME: SEVERN TRENT LABORATORIES, INC.

CUSTOMER SAMPLE ID	LABORATORY SAMPLE ID	ANALYTICAL REQUIREMENTS						
		VOA GC/MS	BNA GC/MS	VOA GC	PEST PCB	METALS	TCLP HERB	WATER QUALITY
NM-MPI-03-GW	A6304708	-	-	-	SW8463	SW8463	-	-
NM-MPI-05-GW	A6304706	-	-	-	SW8463	SW8463	-	-
NM-MPI-06-GW	A6304707	-	-	-	SW8463	SW8463	-	-
NM-MW-01-GW	A6304704	-	-	-	SW8463	SW8463	-	-
NM-MW-02-GW	A6304701	-	-	-	SW8463	SW8463	-	-
NM-MW-02-GW/D	A6304702	-	-	-	SW8463	SW8463	-	-
NM-MW-03-GW	A6304703	-	-	-	SW8463	SW8463	-	-
NM-MW-04-GW	A6304709	-	-	-	SW8463	SW8463	-	-
NM-MW-05-GW	A6304710	-	-	-	SW8463	SW8463	-	-
NM-MW-DOT-GW	A6304705	-	-	-	SW8463	SW8463	-	-

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
PESTICIDE/PCB ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
NM-MPI-03-GW	GW	03/22/2006	03/22/2006	03/23/2006	03/25/2006
NM-MPI-05-GW	GW	03/21/2006	03/22/2006	03/23/2006	03/24/2006
NM-MPI-06-GW	GW	03/21/2006	03/22/2006	03/23/2006	03/25/2006
NM-MW-01-GW	GW	03/22/2006	03/22/2006	03/23/2006	03/24/2006
NM-MW-02-GW	GW	03/21/2006	03/22/2006	03/23/2006	03/24/2006
NM-MW-02-GW/D	GW	03/21/2006	03/22/2006	03/23/2006	03/24/2006
NM-MW-03-GW	GW	03/21/2006	03/22/2006	03/23/2006	03/24/2006
NM-MW-04-GW	GW	03/22/2006	03/22/2006	03/23/2006	03/25/2006
NM-MW-05-GW	GW	03/22/2006	03/22/2006	03/23/2006	03/25/2006
NM-MW-DOT-GW	GW	03/22/2006	03/22/2006	03/23/2006	03/24/2006

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYTICAL SUMMARY
INORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	METALS REQUESTED	DATE RECEIVED AT LAB	DATE DIGESTED	DATE ANALYZED
NM-MPI-03-GW	GW	TAL M W	03/22/2006	03/27/2006,03/28/2006	03/27/2006-03/30/2006
NM-MPI-05-GW	GW	TAL M W	03/22/2006	03/27/2006,03/28/2006	03/27/2006-03/30/2006
NM-MPI-06-GW	GW	TAL M W	03/22/2006	03/27/2006,03/28/2006	03/27/2006-03/30/2006
NM-MW-01-GW	GW	TAL M W	03/22/2006	03/27/2006,03/28/2006	03/27/2006-03/30/2006
NM-MW-02-GW	GW	TAL M W	03/22/2006	03/27/2006,03/28/2006	03/27/2006-03/30/2006
NM-MW-02-GW/D	GW	TAL M W	03/22/2006	03/27/2006,03/28/2006	03/27/2006-03/30/2006
NM-MW-03-GW	GW	TAL M W	03/22/2006	03/27/2006,03/28/2006	03/27/2006-03/30/2006
NM-MW-04-GW	GW	TAL M W	03/22/2006	03/27/2006,03/28/2006	03/27/2006-03/30/2006
NM-MW-05-GW	GW	TAL M W	03/22/2006	03/27/2006,03/28/2006	03/27/2006-03/30/2006
NM-MW-DOT-GW	GW	TAL M W	03/22/2006	03/27/2006,03/28/2006	03/27/2006-03/30/2006

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
ORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILIARY CLEAN UP	DIL/CONC FACTOR
NM-MPI-03-GW	GW	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MPI-05-GW	GW	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MPI-06-GW	GW	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MW-01-GW	GW	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MW-02-GW	GW	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MW-02-GW/D	GW	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MW-03-GW	GW	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MW-04-GW	GW	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MW-05-GW	GW	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MW-DOT-GW	GW	SW8463	SEPF	AS REQUIRED	AS REQUIRED

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

LABORATORY SAMPLE CODE	MATRIX	ANALYTICAL PROTOCOL	DIGESTION PROCEDURE	MATRIX MODIFIER	DIL/CONC FACTOR
NM-MPI-03-GW	GW	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MPI-05-GW	GW	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MPI-06-GW	GW	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MW-01-GW	GW	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MW-02-GW	GW	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MW-02-GW/D	GW	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MW-03-GW	GW	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MW-04-GW	GW	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MW-05-GW	GW	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MW-DOT-GW	GW	SW8463	SW8463	AS REQUIRED	AS REQUIRED

STL

DATA QUALIFIER PAGE

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

ORGANIC DATA QUALIFIERS

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

INORGANIC DATA QUALIFIERS

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

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.: NM-MPI-03-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6304708

Sample wt/vol: 1040.00 (g/mL) ML Lab File ID: 14A37115.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 03/22/2006 03/22/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 03/23/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 03/25/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MPI-05-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6304706

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 14A37103.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 03/21/2006 03/22/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 03/23/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 03/24/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.: NM-MPI-06-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6304707

Sample wt/vol: 1020.00 (g/mL) ML Lab File ID: 14A37114.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 03/21/2006 03/22/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 03/23/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 03/25/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.49	U
11104-28-2	Aroclor 1221	0.49	U
11141-16-5	Aroclor 1232	0.49	U
53469-21-9	Aroclor 1242	5.2	
12672-29-6	Aroclor 1248	0.49	U
11097-69-1	Aroclor 1254	0.49	U
11096-82-5	Aroclor 1260	0.49	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-01-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6304704

Sample wt/vol: 1040.00 (g/mL) ML Lab File ID: 14A37101.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 03/22/2006 03/22/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 03/23/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 03/24/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-02-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6304701

Sample wt/vol: 1055.00 (g/mL) ML Lab File ID: 14A37096.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 03/21/2006 03/22/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 03/23/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 03/24/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.47	U
11104-28-2	Aroclor 1221	0.47	U
11141-16-5	Aroclor 1232	0.47	U
53469-21-9	Aroclor 1242	0.47	U
12672-29-6	Aroclor 1248	0.47	U
11097-69-1	Aroclor 1254	0.47	U
11096-82-5	Aroclor 1260	0.47	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-02-GW/D

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6304702

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 14A37097.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 03/21/2006 03/22/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 03/23/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 03/24/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-03-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6304703

Sample wt/vol: 1045.00 (g/mL) ML Lab File ID: 14A37098.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 03/21/2006 03/22/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 03/23/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 03/24/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-04-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6304709

Sample wt/vol: 1055.00 (g/mL) ML Lab File ID: 14A37116.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 03/22/2006 03/22/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 03/23/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 03/25/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.47	U
11104-28-2	Aroclor 1221	0.47	U
11141-16-5	Aroclor 1232	0.47	U
53469-21-9	Aroclor 1242	0.47	U
12672-29-6	Aroclor 1248	0.47	U
11097-69-1	Aroclor 1254	0.47	U
11096-82-5	Aroclor 1260	0.47	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

22/730

Client No.

NM-MW-05-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6304710

Sample wt/vol: 1055.00 (g/mL) ML Lab File ID: 14A37117.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 03/22/2006 03/22/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 03/23/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 03/25/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.47	U
11104-28-2	Aroclor 1221	0.47	U
11141-16-5	Aroclor 1232	0.47	U
53469-21-9	Aroclor 1242	0.47	U
12672-29-6	Aroclor 1248	0.47	U
11097-69-1	Aroclor 1254	0.47	U
11096-82-5	Aroclor 1260	0.47	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-DOT-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6304705

Sample wt/vol: 1040.00 (g/mL) ML Lab File ID: 14A37102.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 03/22/2006 03/22/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 03/23/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 03/24/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MPI-03-GW

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3047

Matrix (soil/water): WATER Lab Sample ID: AD613791

Level (low/med): LOW Date Received: 3/22/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	864			P
7440-41-7	Beryllium	0.42			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	208000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	92500			P
7439-92-1	Lead	50.7			P
7439-95-4	Magnesium	36200			P
7439-96-5	Manganese	416			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	3580			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	5690			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.: NM-MPI-05-GW

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3047

Matrix (soil/water): WATER Lab Sample ID: AD613789

Level (low/med): LOW Date Received: 3/22/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	813			P
7440-41-7	Beryllium	0.41			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	228000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	91800			P
7439-92-1	Lead	17.9			P
7439-95-4	Magnesium	33900			P
7439-96-5	Manganese	236			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	3230			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	11200			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MPI-06-GW

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3047

Matrix (soil/water): WATER Lab Sample ID: AD613790

Level (low/med): LOW Date Received: 3/22/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	833			P
7440-41-7	Beryllium	0.31			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	204000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	92800			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	41400			P
7439-96-5	Manganese	281			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	2740			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	7610			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-01-GW

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3047

Matrix (soil/water): WATER Lab Sample ID: AD613787

Level (low/med): LOW Date Received: 3/22/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3510			P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	39.9			P
7440-41-7	Beryllium	0.21	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	15800			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	2640			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	7360			P
7439-96-5	Manganese	65.3			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	1560			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	28500			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	6.4			P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-02-GW

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3047

Matrix (soil/water): WATER Lab Sample ID: AD613782

Level (low/med): LOW Date Received: 3/22/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	40.8			P
7440-41-7	Beryllium	0.21	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	63600			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	5.0			P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	65700			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	14800			P
7439-96-5	Manganese	1870			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	1800			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	8680			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-02-GW/D

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3047

Matrix (soil/water): WATER Lab Sample ID: AD613783

Level (low/med): LOW Date Received: 3/22/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	40.4			P
7440-41-7	Beryllium	0.21	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	62900			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.2			P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	65000			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	14600			P
7439-96-5	Manganese	1860			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	1810			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	8670			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-03-GW

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3047

Matrix (soil/water): WATER Lab Sample ID: AD613784

Level (low/med): LOW Date Received: 3/22/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	420			P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	12.6			P
7440-41-7	Beryllium	0.21	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	69000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	9.8			P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	102000			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	20000			P
7439-96-5	Manganese	2020			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	500	U		P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	9990			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-04-GW

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3047

Matrix (soil/water): WATER Lab Sample ID: AD613792

Level (low/med): LOW Date Received: 3/22/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	19.4			P
7440-39-3	Barium	79.8			P
7440-41-7	Beryllium	0.24			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	56500			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	5.3			P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	111000			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	10700			P
7439-96-5	Manganese	1740			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	1800			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	5350			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-05-GW

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3047

Matrix (soil/water): WATER Lab Sample ID: AD613793

Level (low/med): LOW Date Received: 3/22/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	101			P
7440-41-7	Beryllium	0.25			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	92400			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.5			P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	20300			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	19400			P
7439-96-5	Manganese	2240			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	825			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	30200			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.: NM-MW-DOT-GW

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

Matrix (soil/water): WATER Lab Sample ID: AD613788

Level (low/med): LOW Date Received: 3/22/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	206			P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	721			P
7440-41-7	Beryllium	0.42			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	198000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	95100			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	37700			P
7439-96-5	Manganese	475			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	3660			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	9000			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments: _____

METHOD 8082 - POLYCHLORINATED BIPHENYLS
WATER SURROGATE RECOVERY

Lab Name: STL Buffalo Contract: _____

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

GC Column(1): ZB-35 ID: 0.53 (mm)

	Client Sample ID	Lab Sample ID	DCBP %REC	#	TCMX %REC	#							TOT OUT
1	Matrix Spike Blank	A6B1574401	49	*	86								1
2	Method Blank	A6B1574402	43	*	78								1
3	NM-MPI-03-GW	A6304708	52	*	80								1
4	NM-MPI-05-GW	A6304706	68	*	96								1
5	NM-MPI-06-GW	A6304707	36	*	95								1
6	NM-MW-01-GW	A6304704	19	*	45	*							2
7	NM-MW-02-GW	A6304701	44	*	76								1
8	NM-MW-02-GW/D	A6304702	35	*	75								1
9	NM-MW-03-GW	A6304703	44	*	76								1
10	NM-MW-03-GW	A6304703MS	59	*	80								1
11	NM-MW-03-GW	A6304703SD	64	*	83								1
12	NM-MW-04-GW	A6304709	28	*	78								1
13	NM-MW-05-GW	A6304710	50	*	78								1
14	NM-MW-DOT-GW	A6304705	56	*	97								1

QC LIMITS

(DCBP) = Decachlorobiphenyl (70-130)
(TCMX) = Tetrachloro-m-xylene (70-130)

\# Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

METHOD 8082 - POLYCHLORINATED BIPHENYLS
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A6304703

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

Matrix Spike - Client Sample No.: NM-MW-03-GW

COMPOUND	SPIKE ADDED UG/L	SAMPLE CONCENTRATION UG/L	MS CONCENTRATION UG/L	MS % REC #	QC LIMITS REC.	+
Aroclor 1260	4.76	0	4.01	84	50 - 122	=
Aroclor 1016	4.76	0	4.60	96	29 - 123	

COMPOUND	SPIKE ADDED UG/L	MSD CONCENTRATION UG/L	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	+
Aroclor 1260	4.78	4.27	89	6	30	50 - 122	=
Aroclor 1016	4.78	4.67	98	2	30	29 - 123	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 2 outside limits
Spike recovery: 0 out of 4 outside limits

Comments: _____

METHOD 8082 - POLYCHLORINATED BIPHENYLS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A6B1574402

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

Matrix Spike - Client Sample No.: Method Blank

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.	+ =
Aroclor 1260	5.00	4.89	98	50 - 122	
Aroclor 1016	5.00	4.87	98	29 - 123	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 2 outside limits

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

NM-MW-03-GW\MS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	10404.6104		419.7200		10000.00	99.8		P
Antimony	75 - 125	206.8700		20.0000	U	200.00	103.4		P
Arsenic	75 - 125	206.9100		10.0000	U	200.00	103.5		P
Barium	75 - 125	215.3200		12.6100		200.00	101.4		P
Beryllium	75 - 125	198.9100		0.2100	U	200.00	99.5		P
Cadmium	75 - 125	200.2800		1.0000	U	200.00	100.1		P
Calcium		77737.2813		68997.3125		10000.00	87.4		P
Chromium	75 - 125	198.6300		4.0000	U	200.00	99.3		P
Cobalt	75 - 125	209.1900		9.8100		200.00	99.7		P
Copper	75 - 125	202.7000		10.0000	U	200.00	101.4		P
Iron		112230.7969		101846.3984		10000.00	103.8		P
Lead	75 - 125	203.9400		5.0000	U	200.00	102.0		P
Magnesium	75 - 125	29450.0801		20029.2695		10000.00	94.2		P
Manganese		2282.1499		2024.9600		200.00	128.6		P
Nickel	75 - 125	199.0500		10.0000	U	200.00	99.5		P
Potassium	75 - 125	10610.3896		500.0000	U	10000.00	106.1		P
Selenium	75 - 125	209.9700		15.0000	U	200.00	105.0		P
Silver	75 - 125	49.7200		3.0000	U	50.00	99.4		P
Mercury	75 - 125	6.3500		0.2000	U	6.67	95.2		CV
Sodium	75 - 125	19785.8809		9993.8203		10000.00	97.9		P
Thallium	75 - 125	203.1000		20.0000	U	200.00	101.6		P
Vanadium	75 - 125	201.1800		5.0000	U	200.00	100.6		P
Zinc	75 - 125	200.6500		10.0000	U	200.00	100.3		P

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

NM-MW-03-GW\SD

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	10384.5498		419.7200		10000.00	99.6		P
Antimony	75 - 125	204.1900		20.0000	U	200.00	102.1		P
Arsenic	75 - 125	209.3600		10.0000	U	200.00	104.7		P
Barium	75 - 125	216.9200		12.6100		200.00	102.2		P
Beryllium	75 - 125	198.3000		0.2100	U	200.00	99.2		P
Cadmium	75 - 125	200.7800		1.0000	U	200.00	100.4		P
Calcium		79813.8203		68997.3125		10000.00	108.2		P
Chromium	75 - 125	198.1400		4.0000	U	200.00	99.1		P
Cobalt	75 - 125	209.1400		9.8100		200.00	99.7		P
Copper	75 - 125	202.5200		10.0000	U	200.00	101.3		P
Iron		115071.7031		101846.3984		10000.00	132.3		P
Lead	75 - 125	202.3900		5.0000	U	200.00	101.2		P
Magnesium	75 - 125	30049.5000		20029.2695		10000.00	100.2		P
Manganese		2321.5400		2024.9600		200.00	148.3		P
Nickel	75 - 125	198.8600		10.0000	U	200.00	99.4		P
Potassium	75 - 125	10686.3496		500.0000	U	10000.00	106.9		P
Selenium	75 - 125	208.6900		15.0000	U	200.00	104.3		P
Silver	75 - 125	50.3000		3.0000	U	50.00	100.6		P
Mercury	75 - 125	5.9500		0.2000	U	6.67	89.2		CV
Sodium	75 - 125	20268.8105		9993.8203		10000.00	102.7		P
Thallium	75 - 125	206.6800		20.0000	U	200.00	103.3		P
Vanadium	75 - 125	201.8300		5.0000	U	200.00	100.9		P
Zinc	75 - 125	199.7600		10.0000	U	200.00	99.9		P

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.
-5B-

POST DIGEST SPIKE SAMPLE RECOVERY

SAMPLE NO.

NM-MW-03-GWA

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3047

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added(SA)	%R	Q	M
Aluminum	75 - 125	10551.62		419.72		10000.0	101.3		P
Antimony	75 - 125	205.39		20.00	U	200.0	102.7		P
Arsenic	75 - 125	208.80		10.00	U	200.0	104.4		P
Barium	75 - 125	219.41		12.61		200.0	103.4		P
Beryllium	75 - 125	201.94		0.21	U	200.0	101.0		P
Cadmium	75 - 125	202.25		1.00	U	200.0	101.1		P
Calcium	75 - 125	77014.64		68997.31		10000.0	80.2		P
Chromium	75 - 125	202.74		4.00	U	200.0	101.4		P
Cobalt	75 - 125	208.62		9.81		200.0	99.4		P
Copper	75 - 125	214.22		10.00	U	200.0	107.1		P
Iron	75 - 125	109590.40		101846.40		10000.0	77.4		P
Lead	75 - 125	202.33		5.00	U	200.0	101.2		P
Magnesium	75 - 125	29702.40		20029.27		10000.0	96.7		P
Manganese	75 - 125	2169.47		2024.96		200.0	72.3	*	P
Nickel	75 - 125	204.20		10.00	U	200.0	102.1		P
Potassium	75 - 125	10997.74		500.00	U	10000.0	110.0		P
Selenium	75 - 125	209.26		15.00	U	200.0	104.6		P
Silver	75 - 125	52.16		3.00	U	50.0	104.3		P
Sodium	75 - 125	20317.90		9993.82		10000.0	103.2		P
Thallium	75 - 125	209.66		20.00	U	200.0	104.8		P
Vanadium	75 - 125	204.79		5.00	U	200.0	102.4		P
Zinc	75 - 125	193.75		10.00	U	200.0	96.9		P

Comments:

STL BUFFALO

Ecology & Environment, Inc.
-6-
DUPLICATES

SAMPLE NO.

NM-MW-03-GW\SD

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3047

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		10404.6104		10384.5498		0.2		P
Antimony		206.8700		204.1900		1.3		P
Arsenic		206.9100		209.3600		1.2		P
Barium		215.3200		216.9200		0.7		P
Beryllium		198.9100		198.3000		0.3		P
Cadmium		200.2800		200.7800		0.2		P
Calcium		77737.2813		79813.8203		2.6		P
Chromium		198.6300		198.1400		0.2		P
Cobalt		209.1900		209.1400		0.0		P
Copper		202.7000		202.5200		0.1		P
Iron		112230.7969		115071.7031		2.5		P
Lead		203.9400		202.3900		0.8		P
Magnesium		29450.0801		30049.5000		2.0		P
Manganese		2282.1499		2321.5400		1.7		P
Nickel		199.0500		198.8600		0.1		P
Potassium		10610.3896		10686.3496		0.7		P
Selenium		209.9700		208.6900		0.6		P
Silver		49.7200		50.3000		1.2		P
Mercury		6.3500		5.9500		6.5		CV
Sodium		19785.8809		20268.8105		2.4		P
Thallium		203.1000		206.6800		1.7		P
Vanadium		201.1800		201.8300		0.3		P
Zinc		200.6500		199.7600		0.4		P

METHOD 8082 - POLYCHLORINATED BIPHENYLS
METHOD BLANK SUMMARY

41/730
Client No.

Method Blank

Lab Name: STL Buffalo Contract: _____

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

Lab Sample ID: A6B1574402 Lab File ID: 14A37095.TX0

Matrix: (soil/water) WATER Extraction: SEPF

Sulfur Cleanup: (Y/N): N Date Extracted: 03/23/2006

Date Analyzed (1): 03/24/2006 Date Analyzed (2): _____

Time Analyzed (1): 15:45 Time Analyzed (2): _____

Instrument ID (1): HP5890-14 Instrument ID (2): _____

GC Column (1): ZB-35 Dia: 0.53(mm) GC Column (2): _____ Dia: ____(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
1	Matrix Spike Blank	A6B1574401	03/24/2006	
2	NM-MPI-03-GW	A6304708	03/25/2006	
3	NM-MPI-05-GW	A6304706	03/24/2006	
4	NM-MPI-06-GW	A6304707	03/25/2006	
5	NM-MW-01-GW	A6304704	03/24/2006	
6	NM-MW-02-GW	A6304701	03/24/2006	
7	NM-MW-02-GW/D	A6304702	03/24/2006	
8	NM-MW-03-GW	A6304703	03/24/2006	
9	NM-MW-03-GW	A6304703MS	03/24/2006	
10	NM-MW-03-GW	A6304703SD	03/24/2006	
11	NM-MW-04-GW	A6304709	03/25/2006	
12	NM-MW-05-GW	A6304710	03/25/2006	
13	NM-MW-DOT-GW	A6304705	03/24/2006	

Comments: _____

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

Method Blank

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B1574402

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 14A37095.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: _____ _____

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 03/23/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 03/24/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.50	U
11104-28-2	Aroclor 1221	0.50	U
11141-16-5	Aroclor 1232	0.50	U
53469-21-9	Aroclor 1242	0.50	U
12672-29-6	Aroclor 1248	0.50	U
11097-69-1	Aroclor 1254	0.50	U
11096-82-5	Aroclor 1260	0.50	U

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	200.0	U	200.0	U	200.0	U	200.0	U	200.000	U	P
Antimony	20.0	U	20.0	U	20.0	U	20.0	U	20.000	U	P
Arsenic	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Barium	2.0	U	2.0	U	2.0	U	2.0	U	2.000	U	P
Beryllium	0.2	U	0.2		0.2		0.2	U	0.210	U	P
Cadmium	1.0	U	1.0	U	1.0	U	1.0	U	1.000	U	P
Calcium	500.0	U	500.0	U	500.0	U	500.0	U	500.000	U	P
Chromium	4.0	U	4.0	U	4.0	U	4.0	U	4.000	U	P
Cobalt	4.0	U	4.0	U	4.0	U	4.0	U	4.000	U	P
Copper	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Lead	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P
Magnesium	200.0	U	200.0	U	200.0	U	200.0	U	200.000	U	P
Manganese	3.0	U	3.0	U	3.0	U	3.0	U	3.000	U	P
Nickel	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Potassium	500.0	U	500.0	U	500.0	U	500.0	U	500.000	U	P
Selenium	15.0	U	15.0	U	15.0	U	15.0	U	15.000	U	P
Silver	3.0	U	3.0	U	3.0	U	3.0	U	3.000	U	P
Sodium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	1000.000	U	P
Thallium	20.0	U	20.0	U	20.0	U	20.0	U	20.000	U	P
Vanadium	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P
Zinc	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			200.0	U	200.0	U					P
Antimony			20.0	U	20.0	U					P
Arsenic			10.0	U	10.0	U					P
Barium			2.0	U	2.0	U					P
Beryllium			0.2	U	0.2	U					P
Cadmium			1.0	U	1.0	U					P
Calcium			500.0	U	500.0	U					P
Chromium			4.0	U	4.0	U					P
Cobalt			4.0	U	4.0	U					P
Copper			10.0	U	10.0	U					P
Lead			5.0	U	5.0	U					P
Magnesium			200.0	U	200.0	U					P
Manganese			3.0	U	3.0	U					P
Nickel			10.0	U	10.0	U					P
Potassium			500.0	U	500.0	U					P
Selenium			15.0	U	15.0	U					P
Silver			3.0	U	3.0	U					P
Sodium			1000.0	U	1000.0	U					P
Thallium			20.0	U	20.0	U					P
Vanadium			5.0	U	5.0	U					P
Zinc			10.0	U	10.0	U					P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Iron	50.0	U	50.0	U	50.0	U	50.0	U	50.000	U	P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Iron			50.0	U							P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Mercury	0.1	U	0.1	U	0.1	U	0.1	U	0.200	U	CV

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Mercury			0.1	U	0.1	U	0.1	U			CV

Comments:

Sample Data Package

SDG Narrative

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A6304708	NM-MPI-03-GW	GW	03/22/2006	10:02	03/22/2006	16:25
A6304706	NM-MPI-05-GW	GW	03/21/2006	17:16	03/22/2006	16:25
A6304707	NM-MPI-06-GW	GW	03/21/2006	16:12	03/22/2006	16:25
A6304704	NM-MW-01-GW	GW	03/22/2006	07:25	03/22/2006	16:25
A6304701	NM-MW-02-GW	GW	03/21/2006	15:58	03/22/2006	16:25
A6304702	NM-MW-02-GW/D	GW	03/21/2006	15:58	03/22/2006	16:25
A6304703	NM-MW-03-GW	GW	03/21/2006	16:50	03/22/2006	16:25
A6304703MS	NM-MW-03-GW	GW	03/21/2006	16:50	03/22/2006	16:25
A6304703SD	NM-MW-03-GW	GW	03/21/2006	16:50	03/22/2006	16:25
A6304709	NM-MW-04-GW	GW	03/22/2006	08:36	03/22/2006	16:25
A6304710	NM-MW-05-GW	GW	03/22/2006	09:30	03/22/2006	16:25
A6304705	NM-MW-DOT-GW	GW	03/22/2006	08:21	03/22/2006	16:25

METHODS SUMMARY

Job#: A06-3047

STL Project#: NY5A9393.3
Site Name: Ecology and Environment NYSDEC Standby

PARAMETER	ANALYTICAL METHOD
METHOD 8082 - POLYCHLORINATED BIPHENYLS	SW8463 8082
Aluminum - Total	SW8463 6010
Antimony - Total	SW8463 6010
Arsenic - Total	SW8463 6010
Barium - Total	SW8463 6010
Beryllium - Total	SW8463 6010
Cadmium - Total	SW8463 6010
Calcium - Total	SW8463 6010
Chromium - Total	SW8463 6010
Cobalt - Total	SW8463 6010
Copper - Total	SW8463 6010
Iron - Total	SW8463 6010
Lead - Total	SW8463 6010
Magnesium - Total	SW8463 6010
Manganese - Total	SW8463 6010
Mercury - Total	SW8463 7470
Nickel - Total	SW8463 6010
Potassium - Total	SW8463 6010
Selenium - Total	SW8463 6010
Silver - Total	SW8463 6010
Sodium - Total	SW8463 6010
Thallium - Total	SW8463 6010
Vanadium - Total	SW8463 6010
Zinc - Total	SW8463 6010

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

NON-CONFORMANCE SUMMARY

Job#: A06-3047

STL Project#: NY5A9393.3
Site Name: Ecology and Environment NYSDEC Standby

General Comments

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

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

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

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

Sample Receipt Comments

A06-3047
Sample Cooler(s) were received at the following temperature(s); 4@4.2 °C
All samples were received in good condition.

GC Extractable Data

For method 8082, the recovery of the surrogate Decachlorobiphenyl for all samples and batch QC was outside project established quality control limits (low) but within laboratory quality control limits. The recovery of surrogate Tetrachloro-m-xylene is within both project and laboratory quality control limits for all samples and batch QC with the exception of sample NM-MW-01-GW. No further corrective action was required.

For method 8082, Aroclor 1260, 1254, 1016, and Decachlorobiphenyl exhibited a percent difference result of greater than 15% in the continuing calibration verification. No further corrective action was taken as all field samples are non-detect for these analytes.

Metals Data

The analyte Beryllium was detected in several of the CCB's at a level above the project established reporting limit. The requested reporting limit for Beryllium is below STL's standard reporting limit and, therefore, no corrective action has been taken for any anomalous detections. It must be noted that results reported below STL's standard reporting limit may result in false positive/false negative results, less accurate quantitation and potential misidentification at the lower concentrations.

The recovery of sample NM-MW-03-GW Matrix Spike exhibited a result above the quality control limits for Manganese. The recoveries of sample NM-MW-03-GW Matrix Spike Duplicate exhibited results above the quality control limits for Iron and Manganese. The sample result is more than four times greater than the spike added. The LFB was acceptable.

The recovery of sample NM-MW-03-GW Post Spike exhibited a result below the quality control limits for Manganese. However, the LFB was acceptable.

****

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

Chain Of Custody Documentation

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
Ecology and Environment, Inc.	Gene Florentino	3/21/2006	250274
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
368 Pleasantview Drive	716-6848060 716 6840844		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Lancaster / NY / 14086	Bob Meyers	Tony Bogolin	
Project Name and Location (State)	**Carrier/Waybill Number**		
New Moreau (NY)			
Contract/Purchase Order/Quote No.			
000699.NV22.02			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: PCB's SW 8082	TAL Metals + Hg	SVOCs 8270	Special Instructions/ Conditions of Receipt
NM-MW-02-GW	3/21/2006	1558		X			2		1				2	1		
NM-MW-02-GW/D	3/21/2006	1558		X			2		1				2	1		
NM-MW-03-GW	3/21/06	1650		X			6		3				6	3		MS/MSD
NM-MW-01-GW	3/21/06	0725		X			2		1				2	1		
NM-MW-DOT-GW	3/22/06	0821		X			2		1				X	X		
NM-MPI-05-GW	3/21/06	1716		X			2		1				X	X		
NM-MPI-06-GW	3/21/06	1612		X			2		1				X	X		
NM-MPI-03-GW	3/22/06	1002		X			2		1				X	X		
NM-MW-04-GW	3/22/06	0836		X			2		1				X	X		
NM-MW-05-GW	3/22/06	0930		X			2		1				X	X		

Possible Hazard Identification

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other PER SOW

QC Requirements (Specify)

Per SOW

	Date	Time		Date	Time
1. Relinquished By	3/22/06	1625	1. Received By	3-22-06	16:25
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

4@4.2

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

56/730

SEVERN TRENT STL

STL Buffalo

Doc. Login/ARRF - Side A
Rev 3
10/17/2005

SAMPLE LOGIN JOB # 3047

Shipment ID_____ Strict Internal COC: YES / (NO)

Residual Chlorine Check: ☐

Radiation Check <0.02 mR/hr: YES / NO

AC _____ Project / Task NYSA9393.3 / 6

TAT_____BD/ 21 CD # OF SAMPLES 10 TRIP BLANK Y(N) # _____

SHIPPED BY DELIVERED	ATTACH SHIPPING TAGS
RECEIVED DATE / TIME:	3/22/06 16:25

COOLER TEMP 4@4.2 °C (4 +/- 2 °C) (OK) NO

Cooler Custody Seal intact? (YES)/NO NONE SEAL # _____

If NO to cooler temp or seal, PM notified? YES_____ (PM Name)

SUBCONTRACT YES/(NO) LAB_____ SM # _____

COMMENTS: SAMPLE TIME (ACTUAL) +1HR +2 HR +3 HR NONE

Sample received outside hold time_____

Headspace in VOA vials_____

Problems with bottle labels_____

OTHER SAMPLE RECEIPT COMMENTS (Fill out ARRF, see reverse)

_____

_____

ARE SAMPLE DATES AND TIMES CORRECT? Initials LB

WERE ALL THE APPROPRIATE TESTS ASSIGNED? Initials LB

Temp.Cert.Loss:_____

STL Buffalo
Sample Inventory

Job No: A06-3047
Client: Ecology & Environment, Inc.
Project: NY5A9393.3
SDG:
Case:
SMO No:
No. Samps: 10

Radiation Check: YES
Custody Seal: YES
Chain of Custody: YES
Sample Tags: NO
Sample Tag Numbers: NO
SMO Forms: NO
CLSIS: NO

Cooler Temperature: 4@4.2°C

Sample	Receive	Client Sample ID	Lab ID	Condition	Bottles	Parameters	Lab	Pres log Code	Pres log PH
03/21/2006 15:58	03/22/2006 16:25	NM-MW-02-GW	A6304701	Good	2-1lGA	PCBS	RECNY	0100	
					1-8ozP	T METALS;HG	RECNY	0001	<2
03/21/2006 15:58	03/22/2006 16:25	NM-MW-02-GW/D	A6304702	Good	2-1lGA	PCBS	RECNY	0100	
					1-8ozP	T METALS;HG	RECNY	0001	<2
03/21/2006 16:50	03/22/2006 16:25	NM-MW-03-GW	A6304703	Good	2-1lGA	PCBS	RECNY	0100	
					1-8ozP	T METALS;HG	RECNY	0001	<2
03/21/2006 16:50	03/22/2006 16:25	NM-MW-03-GW	A6304703MS	Good	2-1lGA	PCBS	RECNY	0100	
					1-8ozP	T METALS;HG	RECNY	0001	<2
03/21/2006 16:50	03/22/2006 16:25	NM-MW-03-GW	A6304703SD	Good	2-1lGA	PCBS	RECNY	0100	
					1-8ozP	T METALS;HG	RECNY	0001	<2
03/22/2006 07:25	03/22/2006 16:25	NM-MW-01-GW	A6304704	Good	2-1lGA	PCBS	RECNY	0100	
					1-8ozP	T METALS;HG	RECNY	0001	<2
03/22/2006 08:21	03/22/2006 16:25	NM-MW-DOT-GW	A6304705	Good	2-1lGA	PCBS	RECNY	0100	
					1-8ozP	T METALS;HG	RECNY	0001	<2
03/21/2006 17:16	03/22/2006 16:25	NM-MPI-05-GW	A6304706	Good	2-1lGA	PCBS	RECNY	0100	
					1-8ozP	T METALS;HG	RECNY	0001	<2
03/21/2006 16:12	03/22/2006 16:25	NM-MPI-06-GW	A6304707	Good	2-1lGA	PCBS	RECNY	0100	
					1-8ozP	T METALS;HG	RECNY	0001	<2
03/22/2006 10:02	03/22/2006 16:25	NM-MPI-03-GW	A6304708	Good	2-1lGA	PCBS	RECNY	0100	
					1-8ozP	T METALS;HG	RECNY	0001	<2
03/22/2006 08:36	03/22/2006 16:25	NM-MW-04-GW	A6304709	Good	2-1lGA	PCBS	RECNY	0100	
					1-8ozP	T METALS;HG	RECNY	0001	<2
03/22/2006 09:30	03/22/2006 16:25	NM-MW-05-GW	A6304710	Good	2-1lGA	PCBS	RECNY	0100	
					1-8ozP	T METALS;HG	RECNY	0001	<2

ample Custodian: _____ 03 3/23/2006

Analytical Services Coordinator: _____ /20

Preservation Code References:

First Digit: Sample Filtration; 1=Filtered, 0=Unfiltered
Second Digit: Sample Requires Cooling; (4°) 1=Cooled, 0=Not Cooled

Third, Fourth Digits - Preservation Types:
00=Nothing added, 01=HNO3, 02=H2SO4, 03=HCl, 04=Sodium Thiosulfate
05=NaOH, 06=NaOH+Zinc Acetate, 07=Sodium Thiosulfate+HCl, 08=MeOH
09=MCAA (Mono chloroacetic acid)

Method 8082 Data

QC Summary

METHOD 8082 - POLYCHLORINATED BIPHENYLS
WATER SURROGATE RECOVERY

Lab Name: STL Buffalo Contract: _____

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

GC Column(1): ZB-35 ID: 0.53 (mm)

	Client Sample ID	Lab Sample ID	DCBP %REC	#	TCMX %REC	#							TOT OUT
1	Matrix Spike Blank	A6B1574401	49	*	86								1
2	Method Blank	A6B1574402	43	*	78								1
3	NM-MPI-03-GW	A6304708	52	*	80								1
4	NM-MPI-05-GW	A6304706	68	*	96								1
5	NM-MPI-06-GW	A6304707	36	*	95								1
6	NM-MW-01-GW	A6304704	19	*	45	*							2
7	NM-MW-02-GW	A6304701	44	*	76								1
8	NM-MW-02-GW/D	A6304702	35	*	75								1
9	NM-MW-03-GW	A6304703	44	*	76								1
10	NM-MW-03-GW	A6304703MS	59	*	80								1
11	NM-MW-03-GW	A6304703SD	64	*	83								1
12	NM-MW-04-GW	A6304709	28	*	78								1
13	NM-MW-05-GW	A6304710	50	*	78								1
14	NM-MW-DOT-GW	A6304705	56	*	97								1

QC LIMITS

(DCBP) = Decachlorobiphenyl (70-130)
(TCMX) = Tetrachloro-m-xylene (70-130)

\# Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

METHOD 8082 - POLYCHLORINATED BIPHENYLS
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A6304703

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

Matrix Spike - Client Sample No.: NM-MW-03-GW

COMPOUND	SPIKE ADDED UG/L	SAMPLE CONCENTRATION UG/L	MS CONCENTRATION UG/L	MS % REC #	QC LIMITS REC.	+
Aroclor 1260	4.76	0	4.01	84	50 - 122	
Aroclor 1016	4.76	0	4.60	96	29 - 123	

COMPOUND	SPIKE ADDED UG/L	MSD CONCENTRATION UG/L	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	+
Aroclor 1260	4.78	4.27	89	6	30	50 - 122	
Aroclor 1016	4.78	4.67	98	2	30	29 - 123	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 2 outside limits
Spike recovery: 0 out of 4 outside limits

Comments: _____

METHOD 8082 - POLYCHLORINATED BIPHENYLS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A6B1574402

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

Matrix Spike - Client Sample No.: Method Blank

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.	+ =
Aroclor 1260	5.00	4.89	98	50 - 122	
Aroclor 1016	5.00	4.87	98	29 - 123	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 2 outside limits

Comments: _____

METHOD 8082 - POLYCHLORINATED BIPHENYLS
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: STL Buffalo Contract: _____

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

Lab Sample ID: A6B1574402 Lab File ID: 14A37095.TX0

Matrix: (soil/water) WATER Extraction: SEPF

Sulfur Cleanup: (Y/N): N Date Extracted: 03/23/2006

Date Analyzed (1): 03/24/2006 Date Analyzed (2): _____

Time Analyzed (1): 15:45 Time Analyzed (2): _____

Instrument ID (1): HP5890-14 Instrument ID (2): _____

GC Column (1): ZB-35 Dia: 0.53(mm) GC Column (2): _____ Dia: ____(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
1	Matrix Spike Blank	A6B1574401	03/24/2006	
2	NM-MPI-03-GW	A6304708	03/25/2006	
3	NM-MPI-05-GW	A6304706	03/24/2006	
4	NM-MPI-06-GW	A6304707	03/25/2006	
5	NM-MW-01-GW	A6304704	03/24/2006	
6	NM-MW-02-GW	A6304701	03/24/2006	
7	NM-MW-02-GW/D	A6304702	03/24/2006	
8	NM-MW-03-GW	A6304703	03/24/2006	
9	NM-MW-03-GW	A6304703MS	03/24/2006	
10	NM-MW-03-GW	A6304703SD	03/24/2006	
11	NM-MW-04-GW	A6304709	03/25/2006	
12	NM-MW-05-GW	A6304710	03/25/2006	
13	NM-MW-DOT-GW	A6304705	03/24/2006	

Comments: _____

Sample Data

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MPI-03-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6304708

Sample wt/vol: 1040.00 (g/mL) ML Lab File ID: 14A37115.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 03/22/2006 03/22/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 03/23/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 03/25/2006

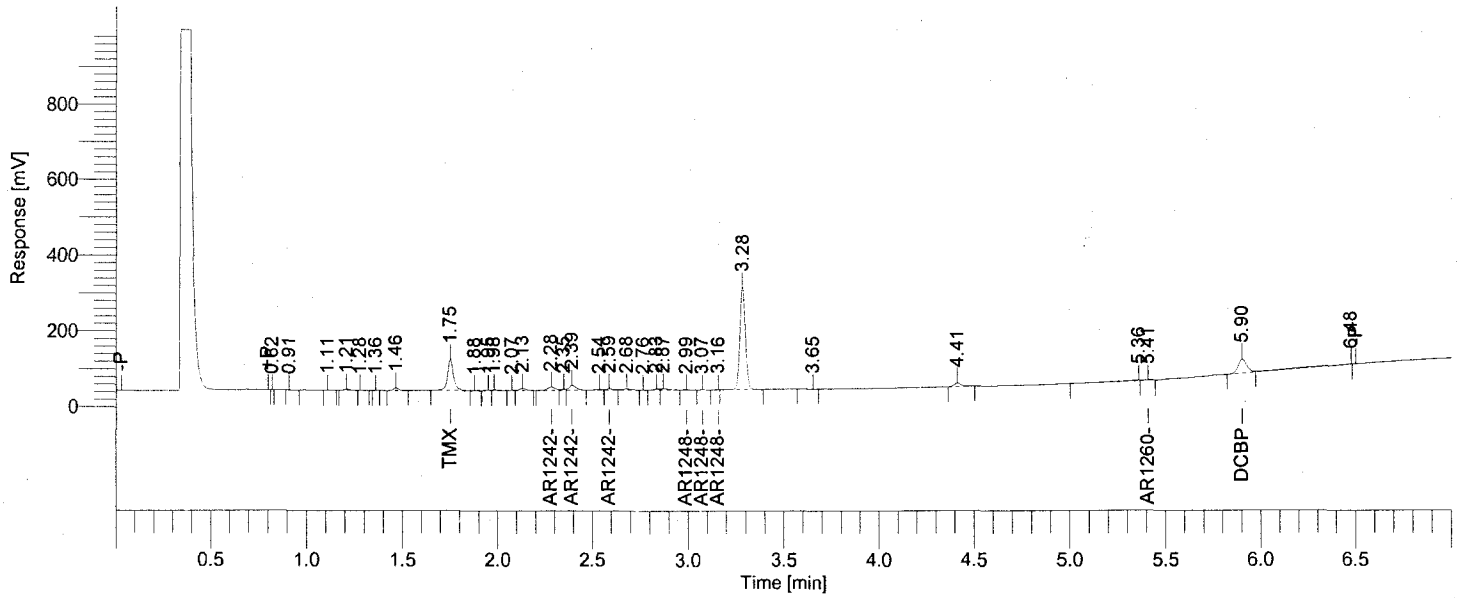
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

Software Version	: 6.2.1.0.104:0104	Date	: 03/27/2006 10:25:13
Reprocess Number	: buf2046: 36207		
Operator	: tchrom	Sample Name	: AW60016631
Sample Number	: A6304708	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: A
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/25/2006 14:07:30	Cycle	: 5

Raw Data File : H:\TURBO6\5890-14\14a37115.raw <Modified>
Result File : H:\TURBO6\5890-14\14a37115.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14a37115.raw
Proc Method : h:\turbo6\5890-14\naproc-9-20.mth from H:\TURBO6\5890-14\14a37115.rst
Calib Method : h:\turbo6\5890-14\na4pcb(11-30-05)4.mth from H:\TURBO6\5890-14\14a37115.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
8	1.75	BV	175276	TMX	0.0161	-------	0
	2.39		66057	AR1242	0.0451	0.0150	3
	3.07		7603	AR1248	0.0067	0.0022	3
	5.41		5308	AR1260	-0.0484	-0.0161	3
31	5.90	BV	116666	DCBP	0.0104	-------	0
			370909			0.0011	

4/5/06

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
14	2.28	BV	23965	AR1242-A	0.0510	0.0170	3
16	2.39	VV	34235	AR1242-B	0.1256	0.0419	3
18	2.59	VV	7857	AR1242-C	0.0109	0.0036	3
			66057			0.0625	

03/27/2006 10:25:13 Result: H:\TURBO6\5890-14\14a37115.rst

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
23	2.99	VV	2926	AR1248-A	0.0052	0.0017	3
24	3.07	VV	3015	AR1248-B	0.0067	0.0022	3
25	3.16	VV	1662	AR1248-C	0.0130	0.0043	3
			7603			0.0083	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.72		0	AR1254-A	0.0000	-------	-
-	3.90		0	AR1254-B	0.0000	-------	-
-	4.26		0	AR1254-C	0.0000	-------	-
			0			0.0000	

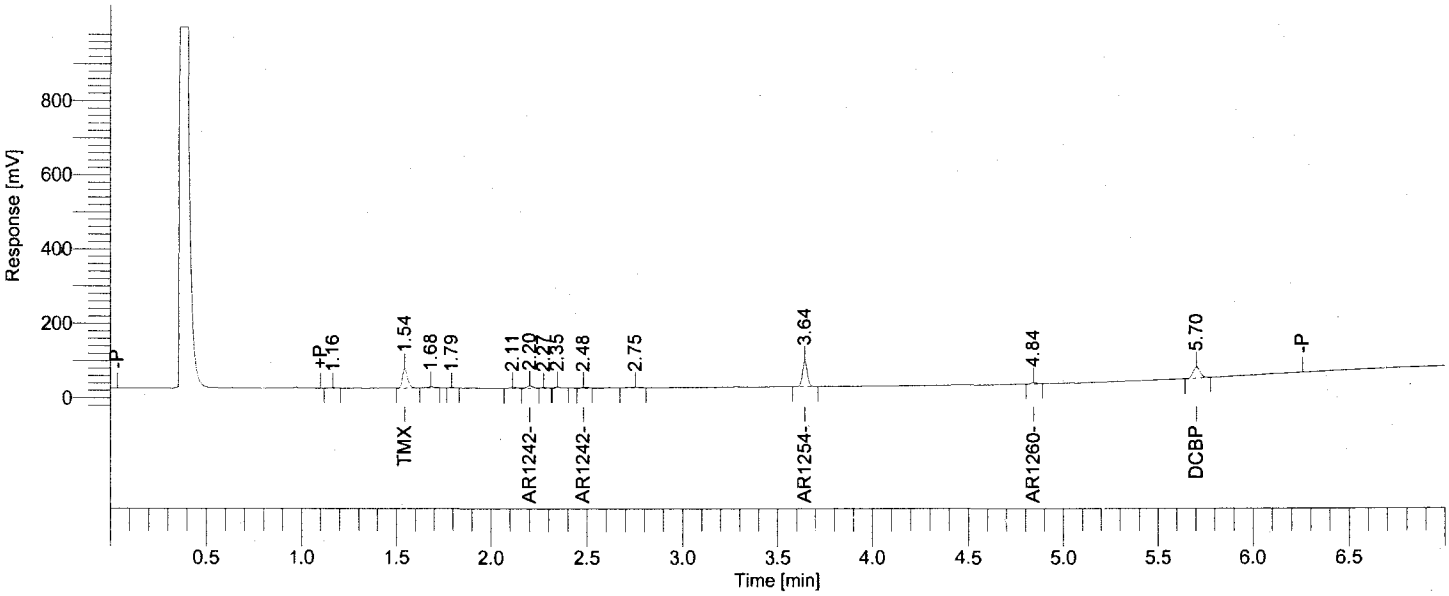
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.74		0	AR1260-A	0.0000	-------	-
-	4.96		0	AR1260-B	0.0000	-------	-
30	5.41	VB	5308	AR1260-C	6.0e-04	2.0e-04	3
			5308			2.0e-04	

4/5/06

Software Version	: 6.2.1.0.104:0104	Date	: 03/27/2006 10:25:14
Reprocess Number	: buf2046: 36208		
Operator	: tchrom	Sample Name	: AW60016631
Sample Number	: A6304708	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: B
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/25/2006 14:07:30	Cycle	: 5

Raw Data File : H:\TURBO6\5890-14\14b37115.raw <Modified>
Result File : H:\TURBO6\5890-14\14b37115.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14b37115.raw
Proc Method : h:\turbo6\5890-14\nbproc-9-20.mth from H:\TURBO6\5890-14\14b37115.rst
Calib Method : h:\turbo6\5890-14\nb4pcb(11-30-05)4.mth from H:\TURBO6\5890-14\14b37115.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
2	1.54	BV	95482	TMX	0.0169	-------	0
	2.20		18569	AR1242	0.0229	0.0076	3
	3.64		123788	AR1254	0.0901	0.0300	3
	4.84		7440	AR1260	0.0063	0.0021	3
13	5.70	BB	78605	DCBP	0.0134	-------	0
			323883			0.0398	

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
6	2.20	VV	14350	AR1242-A	0.0576	0.0192	3
9	2.48	BV	4219	AR1242-B	0.0110	0.0037	3
-	2.59		0	AR1242-C	0.0000	-------	-
			18569			0.0229	

4/5/04

03/27/2006 10:25:14 Result: H:\TURBO6\5890-14\14b37115.rst

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.92		0	AR1248-A	0.0000	-------	-
-	3.01		0	AR1248-B	0.0000	-------	-
-	3.36		0	AR1248-C	0.0000	-------	-
			0			0.0000	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
11	3.64	BB	123788	AR1254-A	0.2353	0.0784	3
-	3.77		0	AR1254-B	0.0000	-------	-
-	4.16		0	AR1254-C	0.0000	-------	-
			123788			0.0784	

4/5/06

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.58		0	AR1260-A	0.0000	-------	-
12	4.84	BB	7440	AR1260-B	0.0148	0.0049	3
-	5.24		0	AR1260-C	0.0000	-------	-
			7440			0.0049	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MPI-05-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6304706

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 14A37103.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 03/21/2006 03/22/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 03/23/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 03/24/2006

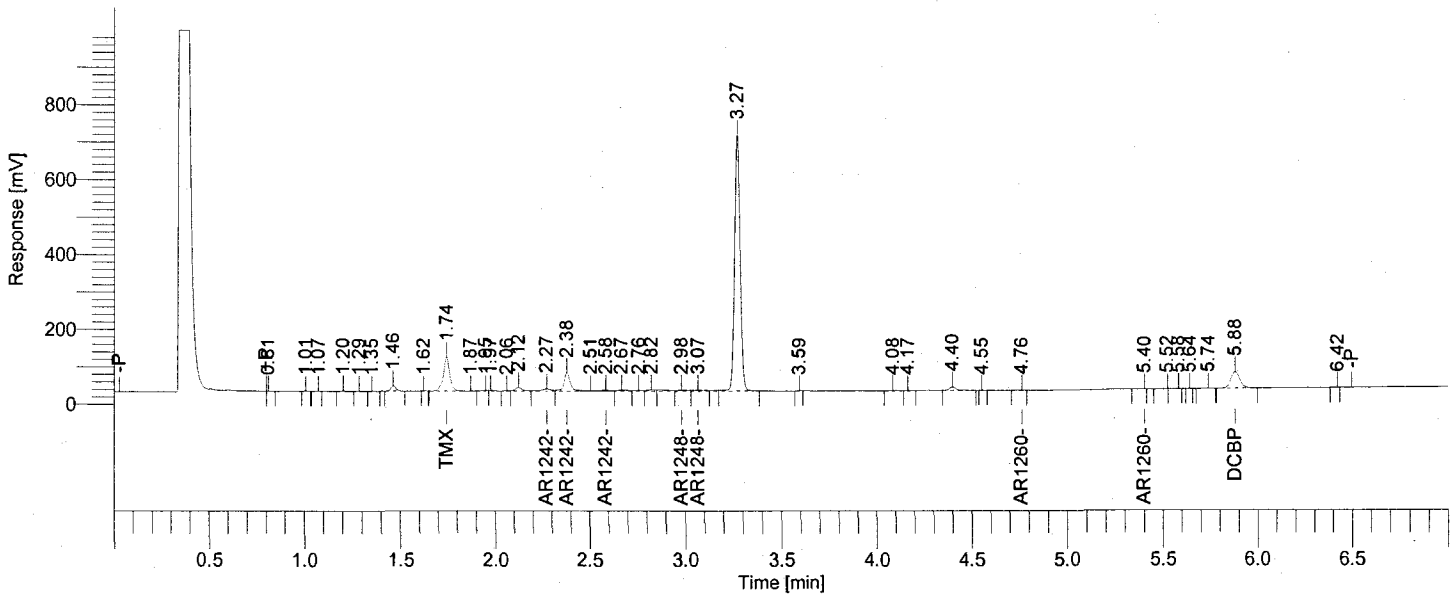
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

Software Version	: 6.2.1.0.104:0104	Date	: 03/25/2006 11:14:35
Reprocess Number	: buf2042: 97907		
Operator	: tchrom	Sample Name	: AW60016629
Sample Number	: A6304706	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: A
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/24/2006 18:09:20	Cycle	: 17

Raw Data File : H:\TURBO6\5890-14\14a37103.raw <Modified>
Result File : H:\TURBO6\5890-14\14a37103.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14a37103.raw
Proc Method : h:\turbo6\5890-14\naproc-9-20.mth from H:\TURBO6\5890-14\14a37103.rst
Calib Method : h:\turbo6\5890-14\na4pcb(11-30-05)4.mth from H:\TURBO6\5890-14\14a37103.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
9	1.74	BE	208671	TMX	0.0193	-------	0
	2.38		136260	AR1242	0.0930	0.0310	3
	3.07		24507	AR1248	0.0216	0.0072	3
36	5.88	VB	142030	DCBP	0.0135	-------	0
			511467			0.0382	

4/5/06

03/25/2006 11:14:35 Result: H:\TURBO6\5890-14\14a37103.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
15	2.27	VV	20028	AR1242-A	0.0426	0.0142	3
16	2.38	VE	107716	AR1242-B	0.3953	0.1318	3
18	2.58	VV	8516	AR1242-C	0.0118	0.0039	3
			136260			0.1499	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
22	2.98	VV	10663	AR1248-A	0.0191	0.0064	3
23	3.07	VV	13844	AR1248-B	0.0308	0.0103	3
-	3.14		0	AR1248-C	0.0000	-------	-
			24507			0.0166	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.72		0	AR1254-A	0.0000	-------	-
-	3.90		0	AR1254-B	0.0000	-------	-
-	4.26		0	AR1254-C	0.0000	-------	-
			0			0.0000	

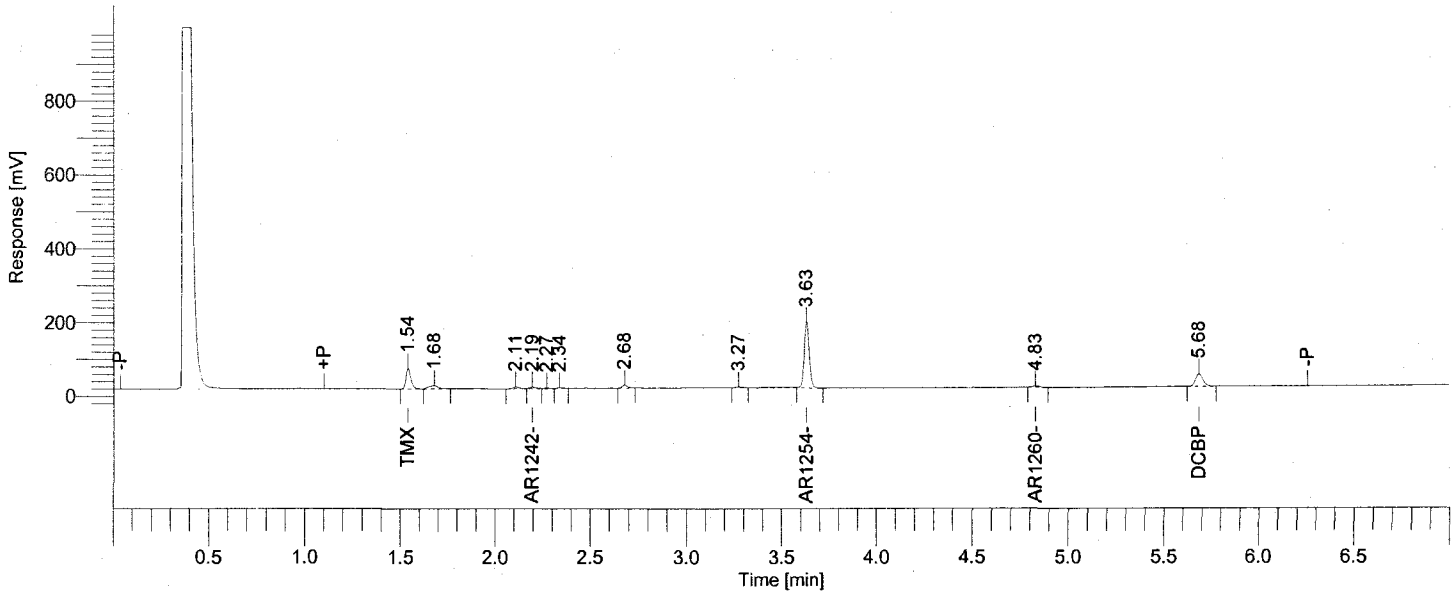
4/5/06

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
30	4.76	BB	1508	AR1260-A	-0.0553	-0.0184	3
-	4.96		0	AR1260-B	0.0000	-------	-
31	5.40	BB	852	AR1260-C	-0.0211	-7e-03	3
			2360			-0.0255	

Software Version	: 6.2.1.0.104:0104	Date	: 03/25/2006 11:14:37
Reprocess Number	: buf2042: 97908		
Operator	: tchrom	Sample Name	: AW60016629
Sample Number	: A6304706	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: B
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/24/2006 18:09:20	Cycle	: 17

Raw Data File : H:\TURBO6\5890-14\14b37103.raw <Modified>
Result File : H:\TURBO6\5890-14\14b37103.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14b37103.raw
Proc Method : h:\turbo6\5890-14\nbproc-9-20.mth from H:\TURBO6\5890-14\14b37103.rst
Calib Method : h:\turbo6\5890-14\nb4pcb(11-30-05)4.mth from H:\TURBO6\5890-14\14b37103.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
1	1.54	BV	100817	TMX	0.0180	--------	0
	2.19		9134	AR1242	0.0113	0.0038	3
	3.63		332581	AR1254	0.2420	0.0807	3
	4.83		7844	AR1260	0.0066	0.0022	3
11	5.68	BB	92034	DCBP	0.0164	--------	0
			542409			0.0866	

4/5/06 cmm

03/25/2006 11:14:37 Result: H:\TURBO6\5890-14\14b37103.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
4	2.19	VV	9134	AR1242-A	0.0367	0.0122	3
-	2.48		0	AR1242-B	0.0000	-------	-
-	2.59		0	AR1242-C	0.0000	-------	-
			9134			0.0122	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.92		0	AR1248-A	0.0000	-------	-
-	3.01		0	AR1248-B	0.0000	-------	-
-	3.36		0	AR1248-C	0.0000	-------	-
			0			0.0000	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
9	3.63	VB	332581	AR1254-A	0.6321	0.2107	3
-	3.77		0	AR1254-B	0.0000	-------	-
-	4.16		0	AR1254-C	0.0000	-------	-
			332581			0.2107	

4/5/06 LM

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.58		0	AR1260-A	0.0000	-------	-
10	4.83	BB	7844	AR1260-B	0.0156	0.0052	3
-	5.24		0	AR1260-C	0.0000	-------	-
			7844			0.0052	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MPI-06-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6304707

Sample wt/vol: 1020.00 (g/mL) ML Lab File ID: 14A37114.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 03/21/2006 03/22/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 03/23/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 03/25/2006

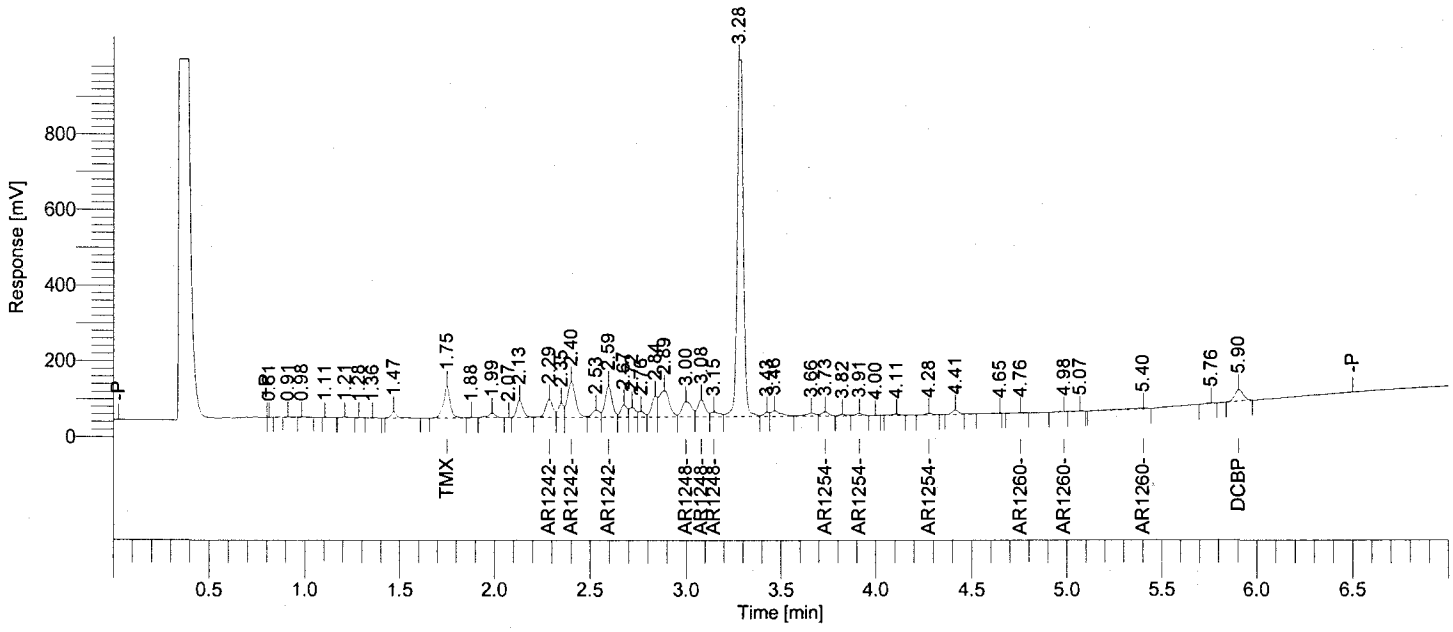
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.49	U
11104-28-2	Aroclor 1221	0.49	U
11141-16-5	Aroclor 1232	0.49	U
53469-21-9	Aroclor 1242	5.2	
12672-29-6	Aroclor 1248	0.49	U
11097-69-1	Aroclor 1254	0.49	U
11096-82-5	Aroclor 1260	0.49	U

Software Version	: 6.2.1.0.104:0104	Date	: 03/27/2006 10:25:10
Reprocess Number	: buf2046: 36205		
Operator	: tchrom	Sample Name	: AW60016630
Sample Number	: A6304707	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: A
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/25/2006 13:49:34	Cycle	: 4

Raw Data File : H:\TURBO6\5890-14\14a37114.raw <Modified>
Result File : H:\TURBO6\5890-14\14a37114.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14a37114.raw
Proc Method : h:\turbo6\5890-14\naproc-9-20.mth from H:\TURBO6\5890-14\14a37114.rst
Calib Method : h:\turbo6\5890-14\na4pcb(11-30-05)4.mth from H:\TURBO6\5890-14\14a37114.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
9	1.75	BV	205758	TMX	0.0190	-------	0
	2.40		616504	AR1242	0.4209	0.1403	3
	3.08		314610	AR1248	0.2770	0.0923	3
	3.73		55114	AR1254	0.0229	0.0076	3
	5.40		29497	AR1260	-0.0318	-0.0106	3
44	5.90	BB	91167	DCBP	0.0073	-------	0
			1312651			0.2297	

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
14	2.29	VV	129324	AR1242-A	0.2751	0.0917	3
16	2.40	VV	276061	AR1242-B	1.0131	0.3377	3
18	2.59	VV	211119	AR1242-C	0.2924	0.0975	3
			616504			0.5268	

4/5/06

03/27/2006 10:25:10 Result: H:\TURBO6\5890-14\14a37114.rst

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
24	3.00	VV	143752	AR1248-A	0.2574	0.0858	3
25	3.08	VV	126700	AR1248-B	0.2817	0.0939	3
26	3.15	VV	44157	AR1248-C	0.3463	0.1154	3
			314610			0.2952	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
31	3.73	VB	30121	AR1254-A	0.0376	0.0125	3
33	3.91	VV	15318	AR1254-B	0.0195	0.0065	3
36	4.28	BB	9676	AR1254-C	0.0117	0.0039	3
			55114			0.0230	

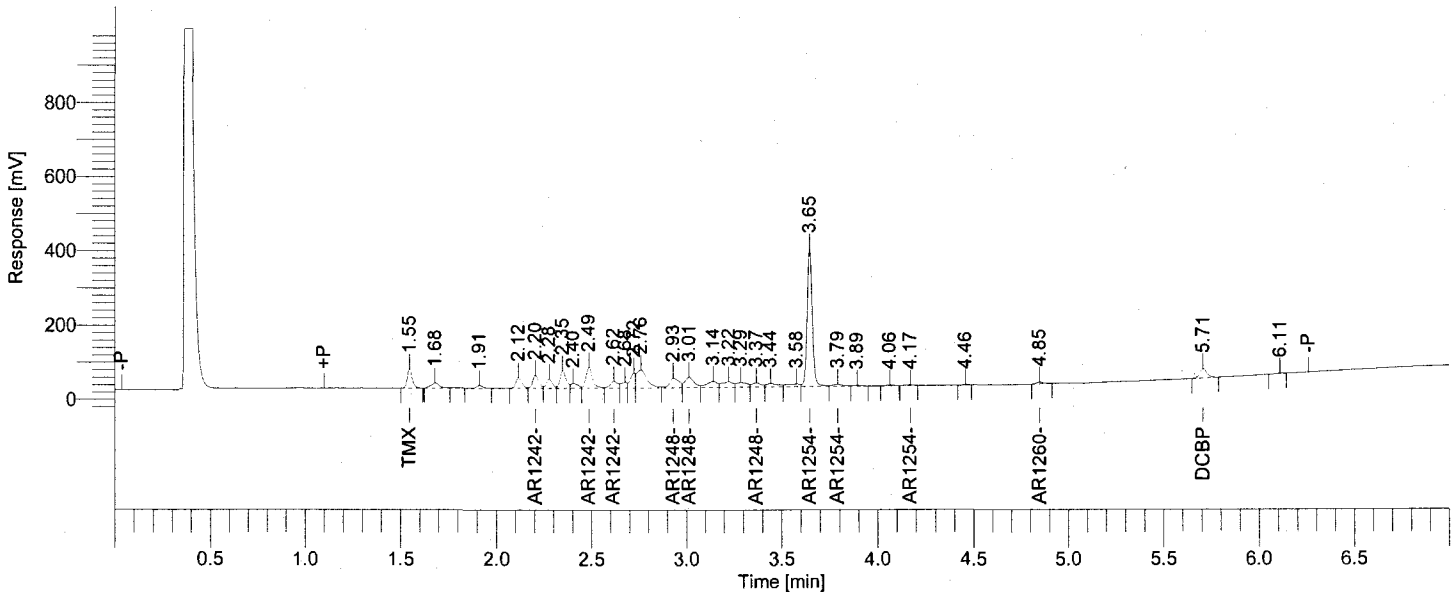
4/5/04

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
39	4.76	BB	2111	AR1260-A	-0.0546	-0.0182	3
40	4.98	BV	3824	AR1260-B	-0.0450	-0.0150	3
42	5.40	BB	23562	AR1260-C	0.0894	0.0298	3
			29497			-3e-03	

Software Version	: 6.2.1.0.104:0104	Date	: 03/27/2006 10:25:11
Reprocess Number	: buf2046: 36206		
Operator	: tchrom	Sample Name	: AW60016630
Sample Number	: A6304707	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: B
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/25/2006 13:49:34	Cycle	: 4

Raw Data File : H:\TURBO6\5890-14\14b37114.raw <Modified>
Result File : H:\TURBO6\5890-14\14b37114.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14b37114.raw
Proc Method : h:\turbo6\5890-14\nbproc-9-20.mth from H:\TURBO6\5890-14\14b37114.rst
Calib Method : h:\turbo6\5890-14\nb4pcb(11-30-05)4.mth from H:\TURBO6\5890-14\14b37114.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
1	1.55	BB	92565	TMX	0.0164	-------	0
	2.49		267400	AR1242	0.3300	0.1100	3
	3.01		225011	AR1248	0.2820	0.0940	3
	3.65		717562	AR1254	0.5222	0.1741	3
	4.85		12532	AR1260	0.0105	0.0035	3
29	5.71	BB	65945	DCBP	0.0106	-------	0
			1381014			0.3816	

Group Report For AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
5	2.20	VV	80467	AR1242-A	0.3233	0.1078	3
9	2.49	VV	133986	AR1242-B	0.3480	0.1160	3
10	2.62	VV	52948	AR1242-C	0.3001	0.1000	3
			267400			0.3238	

4/5/06

03/27/2006 10:25:11 Result: H:\TURBO6\5890-14\14b37114.rst

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
14	2.93	VV	90078	AR1248-A	0.3023	0.1008	3
15	3.01	VV	95924	AR1248-B	0.3809	0.1270	3
19	3.37	VV	39009	AR1248-C	0.1572	0.0524	3
			225011			0.2801	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
22	3.65	VV	694189	AR1254-A	1.3195	0.4398	3
23	3.79	VV	18646	AR1254-B	0.0407	0.0136	3
26	4.17	BB	4726	AR1254-C	0.0121	0.0040	3
			717562			0.4574	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.58		0	AR1260-A	0.0000	-------	-
28	4.85	BB	12532	AR1260-B	0.0249	0.0083	3
-	5.24		0	AR1260-C	0.0000	-------	-
			12532			0.0083	

4/5/06

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-01-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6304704

Sample wt/vol: 1040.00 (g/mL) ML Lab File ID: 14A37101.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 03/22/2006 03/22/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 03/23/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 03/24/2006

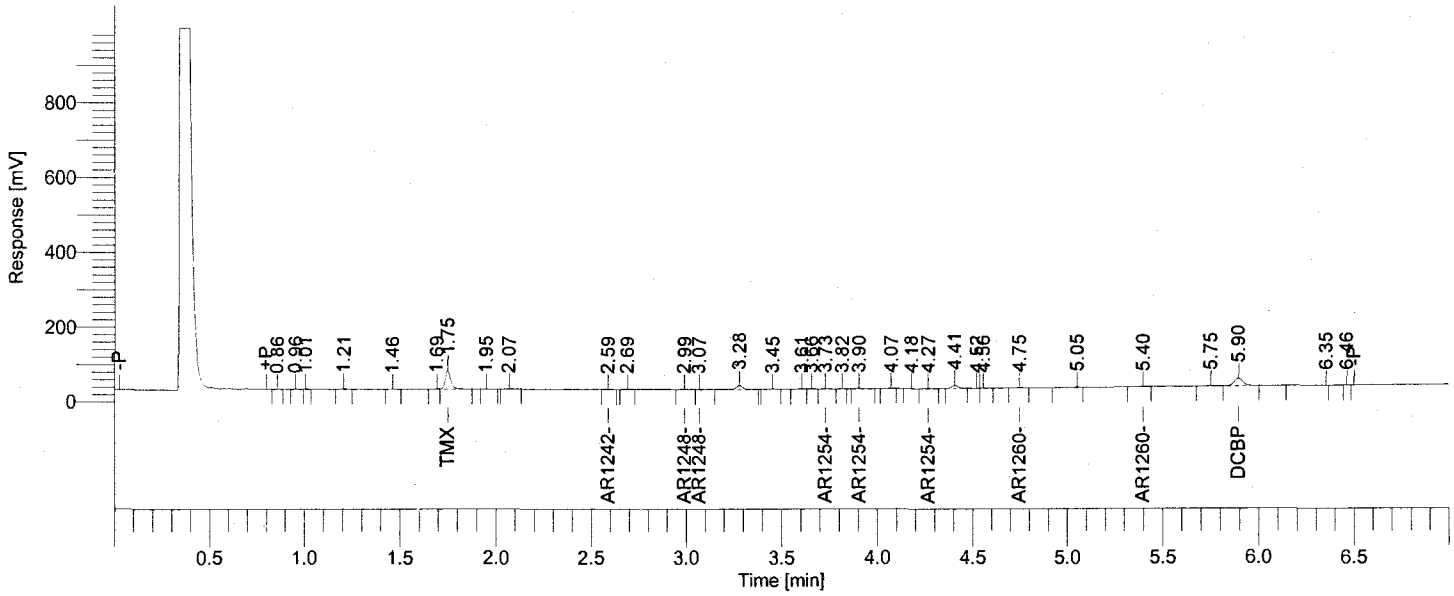
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

Software Version	: 6.2.1.0.104:0104	Date	: 03/25/2006 11:14:25
Reprocess Number	: buf2042: 97903		
Operator	: tchrom	Sample Name	: AW60016627
Sample Number	: A6304704	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: A
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/24/2006 17:33:32	Cycle	: 15

Raw Data File : H:\TURBO6\5890-14\14a37101.raw <Modified>
Result File : H:\TURBO6\5890-14\14a37101.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14a37101.raw
Proc Method : h:\turbo6\5890-14\naproc-9-20.mth from H:\TURBO6\5890-14\14a37101.rst
Calib Method : h:\turbo6\5890-14\na4pcb(11-30-05)4.mth from H:\TURBO6\5890-14\14a37101.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
7	1.75	VV	102382	TMX	0.0090	-------	0
	3.07		3828	AR1248	0.0034	0.0011	3
	3.90		11966	AR1254	0.0050	0.0017	3
	4.75		5036	AR1260	-0.0485	-0.0162	3
31	5.90	VB	63005	DCBP	0.0038	-------	0
			186217			-0.0134	

4/5/06

03/25/2006 11:14:25 Result: H:\TURBO6\5890-14\14a37101.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.28		0	AR1242-A	0.0000	-------	-
-	2.41		0	AR1242-B	0.0000	-------	-
10	2.59	BB	1170	AR1242-C	0.0016	5.4e-04	3
			1170			5.4e-04	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
12	2.99	BV	1855	AR1248-A	0.0033	0.0011	3
13	3.07	VV	1973	AR1248-B	0.0044	0.0015	3
-	3.14		0	AR1248-C	0.0000	-------	-
			3828			0.0026	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
18	3.73	VV	3708	AR1254-A	0.0046	0.0015	3
20	3.90	VB	4732	AR1254-B	0.0060	0.0020	3
23	4.27	VB	3526	AR1254-C	0.0043	0.0014	3
			11966			0.0050	

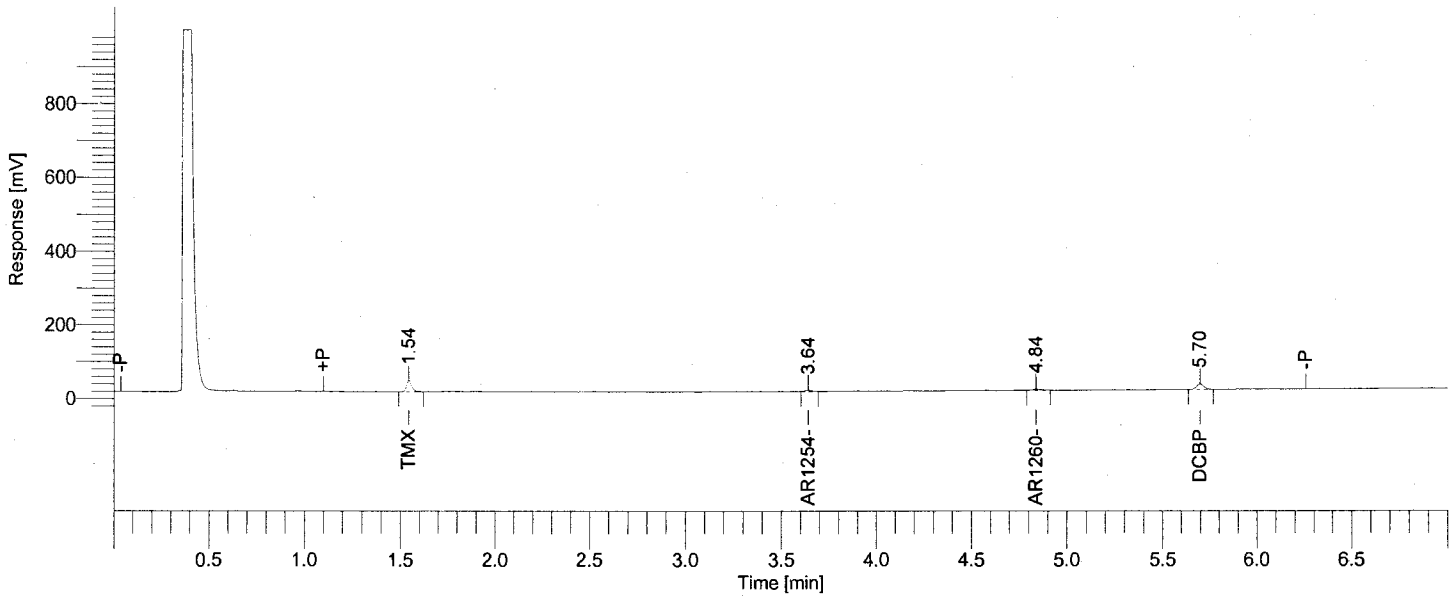
4/5/06 CMW

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
27	4.75	VB	2917	AR1260-A	-0.0537	-0.0179	3
-	4.96		0	AR1260-B	0.0000	-------	-
29	5.40	BB	2120	AR1260-C	-0.0149	-5e-03	3
			5036			-0.0229	

Software Version	: 6.2.1.0.104:0104	Date	: 03/25/2006 11:14:28
Reprocess Number	: buf2042: 97904		
Operator	: tchrom	Sample Name	: AW60016627
Sample Number	: A6304704	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: B
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/24/2006 17:33:32	Cycle	: 15

Raw Data File : H:\TURBO6\5890-14\14b37101.raw <Modified>
Result File : H:\TURBO6\5890-14\14b37101.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14b37101.raw
Proc Method : h:\turbo6\5890-14\nbproc-9-20.mth from H:\TURBO6\5890-14\14b37101.rst
Calib Method : h:\turbo6\5890-14\nb4pcb(11-30-05)4.mth from H:\TURBO6\5890-14\14b37101.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
1	1.54	BB	55601	TMX	0.0090	-------	0
	3.64		6951	AR1254	0.0051	0.0017	3
	4.84		8730	AR1260	0.0073	0.0024	3
4	5.70	BB	39963	DCBP	0.0048	-------	0
			111245			0.0041	

4/5/06

03/25/2006 11:14:28 Result: H:\TURBO6\5890-14\14b37101.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.20		0	AR1242-A	0.0000	-------	-
-	2.48		0	AR1242-B	0.0000	-------	-
-	2.59		0	AR1242-C	0.0000	-------	-
			0			0.0000	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.92		0	AR1248-A	0.0000	-------	-
-	3.01		0	AR1248-B	0.0000	-------	-
-	3.36		0	AR1248-C	0.0000	-------	-
			0			0.0000	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
2	3.64	BB	6951	AR1254-A	0.0132	0.0044	3
-	3.77		0	AR1254-B	0.0000	-------	-
-	4.16		0	AR1254-C	0.0000	-------	-
			6951			0.0044	

4/5/06

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.58		0	AR1260-A	0.0000	-------	-
3	4.84	BB	8730	AR1260-B	0.0173	0.0058	3
-	5.24		0	AR1260-C	0.0000	-------	-
			8730			0.0058	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-02-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6304701

Sample wt/vol: 1055.00 (g/mL) ML Lab File ID: 14A37096.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 03/21/2006 03/22/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 03/23/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 03/24/2006

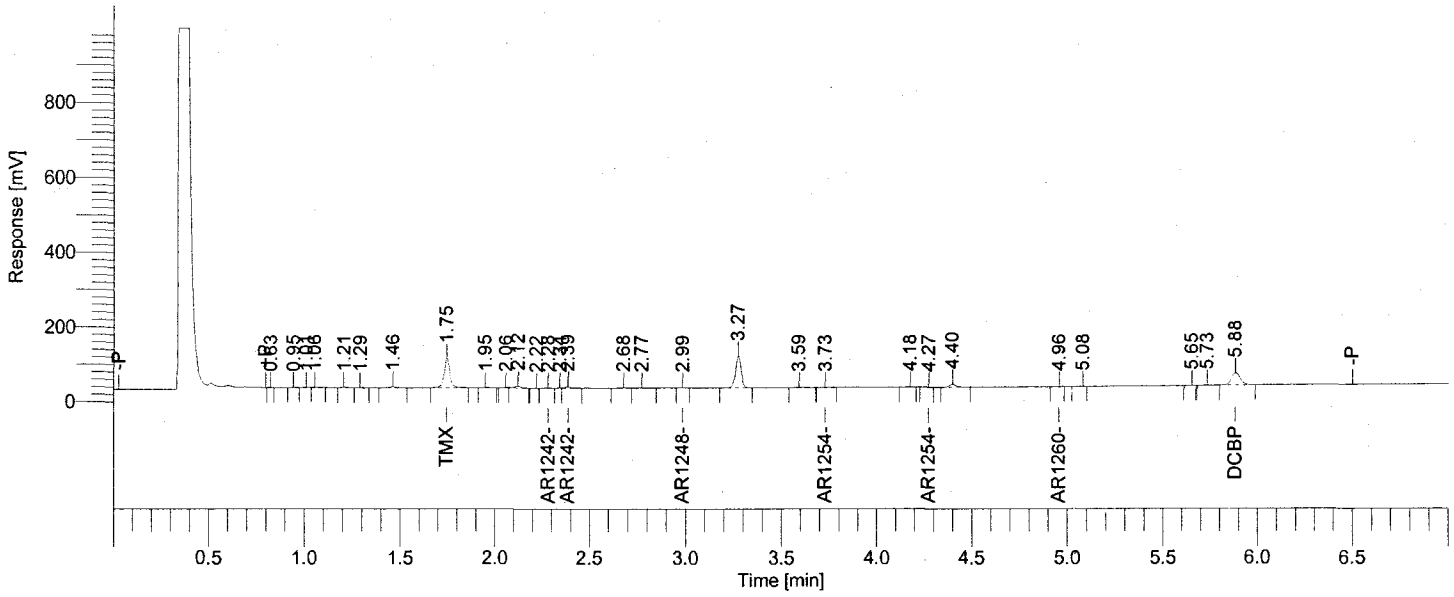
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.47	U
11104-28-2	Aroclor 1221	0.47	U
11141-16-5	Aroclor 1232	0.47	U
53469-21-9	Aroclor 1242	0.47	U
12672-29-6	Aroclor 1248	0.47	U
11097-69-1	Aroclor 1254	0.47	U
11096-82-5	Aroclor 1260	0.47	U

Software Version	: 6.2.1.0.104:0104	Date	: 03/25/2006 11:13:57
Reprocess Number	: buf2042: 97893		
Operator	: tchrom	Sample Name	: AW60016622
Sample Number	: A6304701	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: A
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/24/2006 16:03:34	Cycle	: 10

Raw Data File : H:\TURBO6\5890-14\14a37096.raw <Modified>
Result File : H:\TURBO6\5890-14\14a37096.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14a37096.raw
Proc Method : h:\turbo6\5890-14\naproc-9-20.mth from H:\TURBO6\5890-14\14a37096.rst
Calib Method : h:\turbo6\5890-14\na4pcb(11-30-05)4.mth from H:\TURBO6\5890-14\14a37096.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
8	1.75	BB	167249	TMX	0.0153	--------	0
	2.39		14076	AR1242	0.0096	0.0032	3
29	5.88	VB	104506	DCBP	0.0089	--------	0
			285831			0.0032	

4/5/06

03/25/2006 11:13:57 Result: H:\TURBO6\5890-14\14a37096.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
13	2.28	BV	3876	AR1242-A	0.0082	0.0027	3
15	2.39	VB	10200	AR1242-B	0.0374	0.0125	3
-	2.59		0	AR1242-C	0.0000	-------	-
			14076			0.0152	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
18	2.99	BB	930	AR1248-A	0.0017	5.5e-04	3
-	3.07		0	AR1248-B	0.0000	-------	-
-	3.14		0	AR1248-C	0.0000	-------	-
			930			5.5e-04	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
21	3.73	BB	1866	AR1254-A	0.0023	7.8e-04	3
-	3.90		0	AR1254-B	0.0000	-------	-
23	4.27	BB	851	AR1254-C	0.0010	3.4e-04	3
			2717			0.0011	

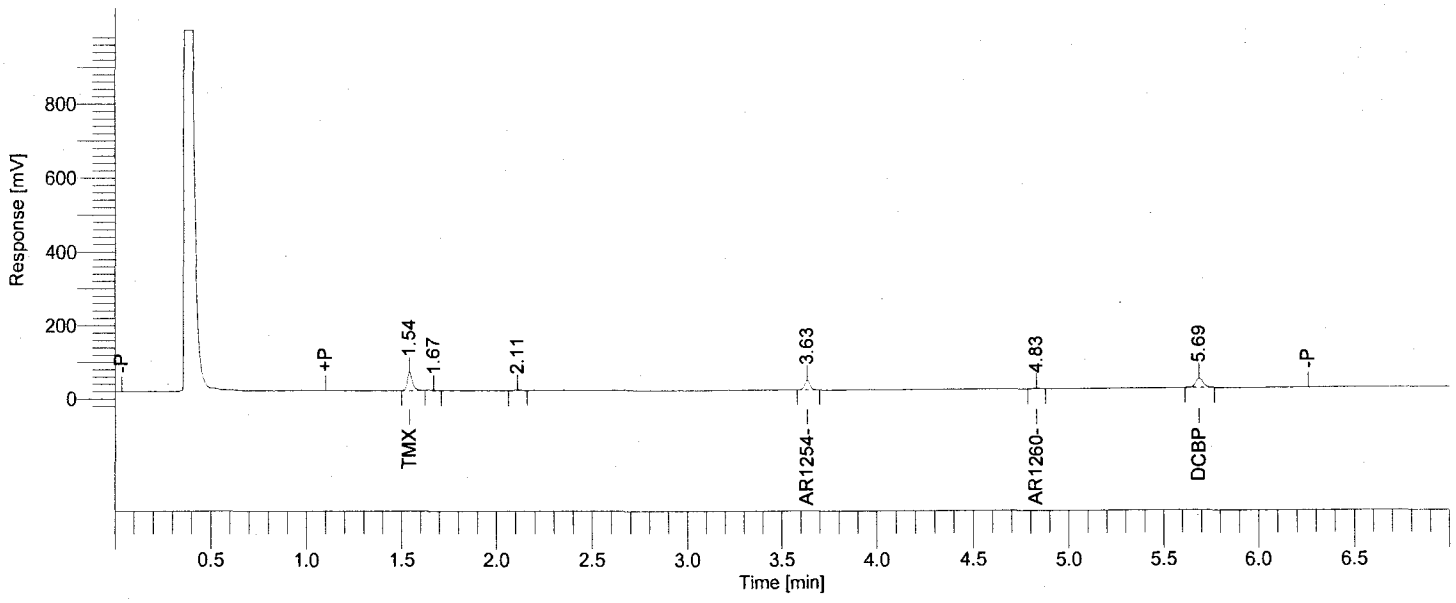
4/5/06

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.74		0	AR1260-A	0.0000	-------	-
25	4.96	BV	884	AR1260-B	-0.0525	-0.0175	3
-	5.39		0	AR1260-C	0.0000	-------	-
			884			-0.0175	

Software Version	: 6.2.1.0.104:0104	Date	: 03/25/2006 11:14:01
Reprocess Number	: buf2042: 97894		
Operator	: tchrom	Sample Name	: AW60016622
Sample Number	: A6304701	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: B
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/24/2006 16:03:34	Cycle	: 10

Raw Data File : H:\TURBO6\5890-14\14b37096.raw <Modified>
Result File : H:\TURBO6\5890-14\14b37096.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14b37096.raw
Proc Method : h:\turbo6\5890-14\nbproc-9-20.mth from H:\TURBO6\5890-14\14b37096.rst
Calib Method : h:\turbo6\5890-14\nb4pcb(11-30-05)4.mth from H:\TURBO6\5890-14\14b37096.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
1	1.54	BV	92472	TMX	0.0163	-------	0
	3.63		50932	AR1254	0.0371	0.0124	3
	4.83		4514	AR1260	0.0038	0.0013	3
6	5.69	BB	68344	DCBP	0.0111	-------	0
			216263			0.0136	

4/5/06

03/25/2006 11:14:01 Result: H:\TURBO6\5890-14\14b37096.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.20		0	AR1242-A	0.0000	-------	-
-	2.48		0	AR1242-B	0.0000	-------	-
-	2.59		0	AR1242-C	0.0000	-------	-
			0			0.0000	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.92		0	AR1248-A	0.0000	-------	-
-	3.01		0	AR1248-B	0.0000	-------	-
-	3.36		0	AR1248-C	0.0000	-------	-
			0			0.0000	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
4	3.63	BB	50932	AR1254-A	0.0968	0.0323	3
-	3.77		0	AR1254-B	0.0000	-------	-
-	4.16		0	AR1254-C	0.0000	-------	-
			50932			0.0323	

4/15/06

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.58		0	AR1260-A	0.0000	-------	-
5	4.83	BB	4514	AR1260-B	0.0090	0.0030	3
-	5.24		0	AR1260-C	0.0000	-------	-
			4514			0.0030	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-02-GW/D

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6304702

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 14A37097.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 03/21/2006 03/22/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 03/23/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 03/24/2006

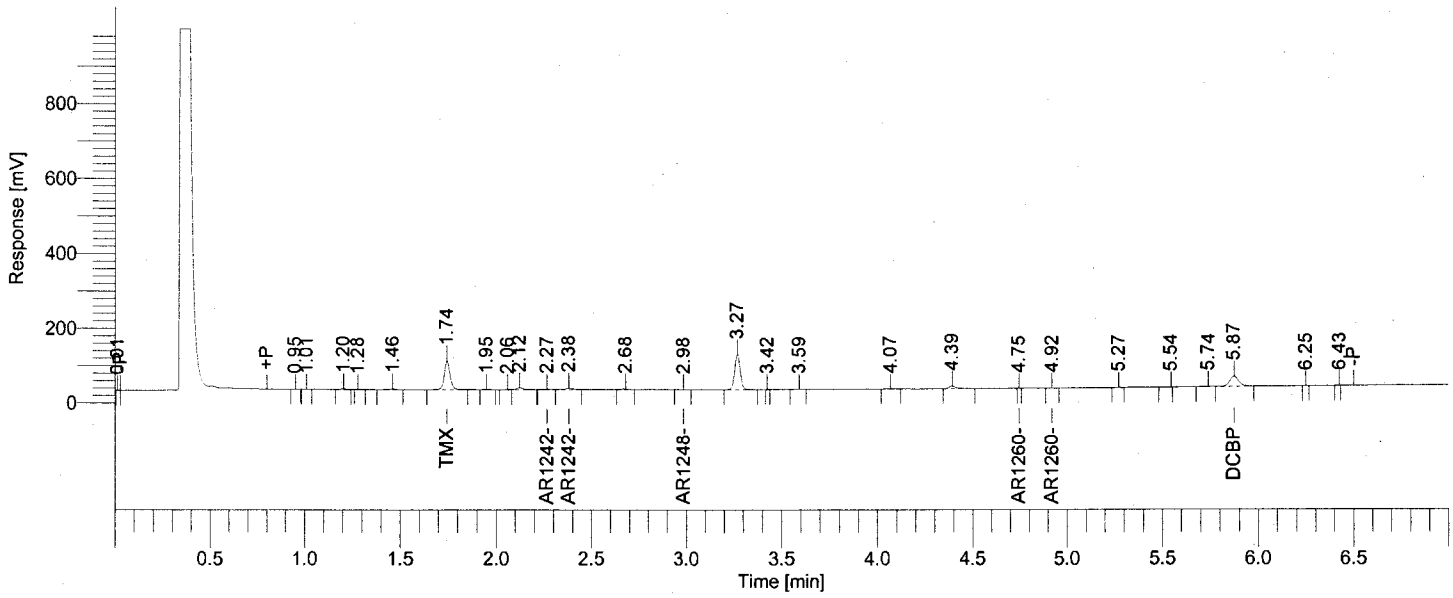
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

Software Version	: 6.2.1.0.104:0104	Date	: 03/25/2006 11:14:04
Reprocess Number	: buf2042: 97895		
Operator	: tchrom	Sample Name	: AW60016623
Sample Number	: A6304702	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: A
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/24/2006 16:22:00	Cycle	: 11

Raw Data File : H:\TURBO6\5890-14\14a37097.raw <Modified>
Result File : H:\TURBO6\5890-14\14a37097.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14a37097.raw
Proc Method : h:\turbo6\5890-14\naproc-9-20.mth from H:\TURBO6\5890-14\14a37097.rst
Calib Method : h:\turbo6\5890-14\na4pcb(11-30-05)4.mth from H:\TURBO6\5890-14\14a37097.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
7	1.74	BV	164520	TMX	0.0150	-------	0
	2.38		16014	AR1242	0.0109	0.0036	3
25	5.87	VB	89218	DCBP	0.0070	-------	0
			269752			0.0036	

4/5/06 Lmw

03/25/2006 11:14:04 Result: H:\TURBO6\5890-14\14a37097.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
11	2.27	VV	3558	AR1242-A	0.0076	0.0025	3
12	2.38	VB	12456	AR1242-B	0.0457	0.0152	3
-	2.59		0	AR1242-C	0.0000	-------	-
			16014			0.0178	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
14	2.98	BV	1059	AR1248-A	0.0019	6.3e-04	3
-	3.07		0	AR1248-B	0.0000	-------	-
-	3.14		0	AR1248-C	0.0000	-------	-
			1059			6.3e-04	

4/5/06 LW

Group Report For : AR1254

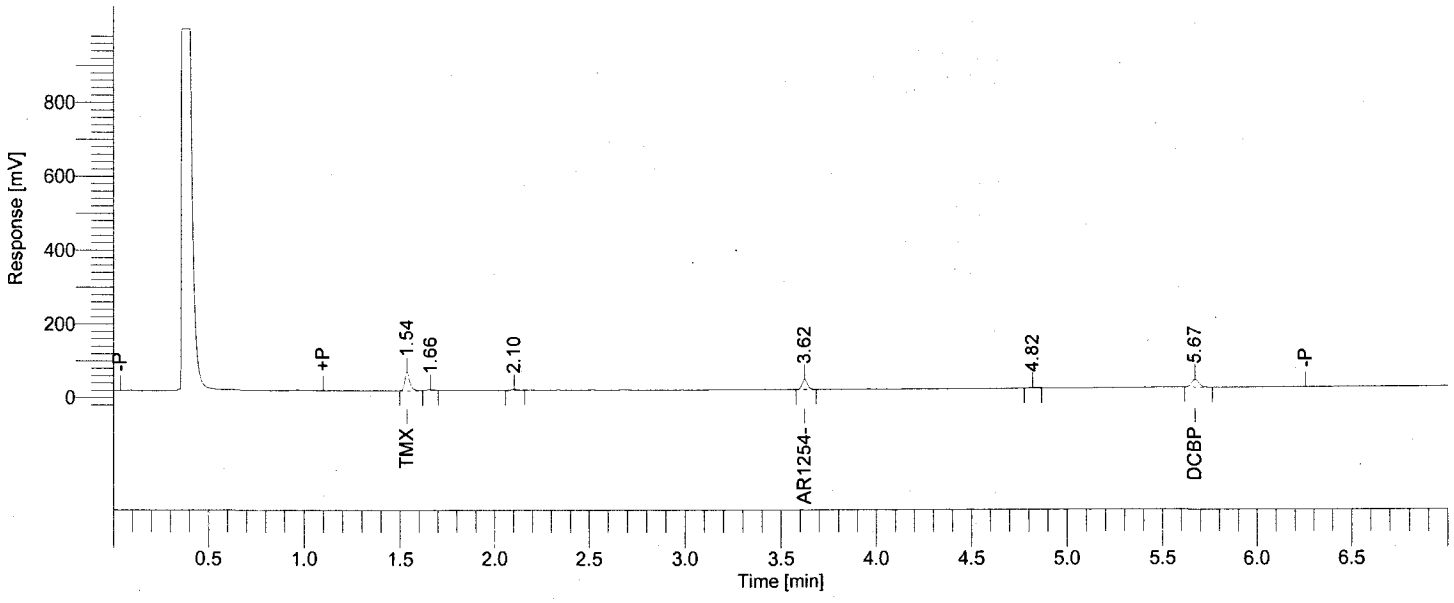
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.72		0	AR1254-A	0.0000	-------	-
-	3.90		0	AR1254-B	0.0000	-------	-
-	4.26		0	AR1254-C	0.0000	-------	-
			0			0.0000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
20	4.75	BB	182	AR1260-A	-0.0569	-0.0190	3
21	4.92	BB	721	AR1260-B	-0.0530	-0.0177	3
-	5.39		0	AR1260-C	0.0000	-------	-
			903			-0.0366	

Software Version	: 6.2.1.0.104:0104	Date	: 03/25/2006 11:14:07
Reprocess Number	: buf2042: 97896		
Operator	: tchrom	Sample Name	: AW60016623
Sample Number	: A6304702	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: B
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/24/2006 16:22:00	Cycle	: 11

Raw Data File : H:\TURBO6\5890-14\14b37097.raw <Modified>
Result File : H:\TURBO6\5890-14\14b37097.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14b37097.raw
Proc Method : h:\turbo6\5890-14\nbproc-9-20.mth from H:\TURBO6\5890-14\14b37097.rst
Calib Method : h:\turbo6\5890-14\nb4pcb(11-30-05)4.mth from H:\TURBO6\5890-14\14b37097.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
1	1.54	BB	89098	TMX	0.0157	-------	0
	3.62		52531	AR1254	0.0382	0.0127	3
6	5.67	BB	58155	DCBP	0.0089	-------	0
			199784			0.0127	

4/5/06

03/25/2006 11:14:07 Result: H:\TURBO6\5890-14\14b37097.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.20		0	AR1242-A	0.0000	-------	-
-	2.48		0	AR1242-B	0.0000	-------	-
-	2.59		0	AR1242-C	0.0000	-------	-
			0			0.0000	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.92		0	AR1248-A	0.0000	-------	-
-	3.01		0	AR1248-B	0.0000	-------	-
-	3.36		0	AR1248-C	0.0000	-------	-
			0			0.0000	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
4	3.62	BB	52531	AR1254-A	0.0998	0.0333	3
-	3.77		0	AR1254-B	0.0000	-------	-
-	4.16		0	AR1254-C	0.0000	-------	-
			52531			0.0333	

4/5/06

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.58		0	AR1260-A	0.0000	-------	-
-	4.88		0	AR1260-B	0.0000	-------	-
-	5.24		0	AR1260-C	0.0000	-------	-
			0			0.0000	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-03-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6304703

Sample wt/vol: 1045.00 (g/mL) ML Lab File ID: 14A37098.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 03/21/2006 03/22/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 03/23/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 03/24/2006

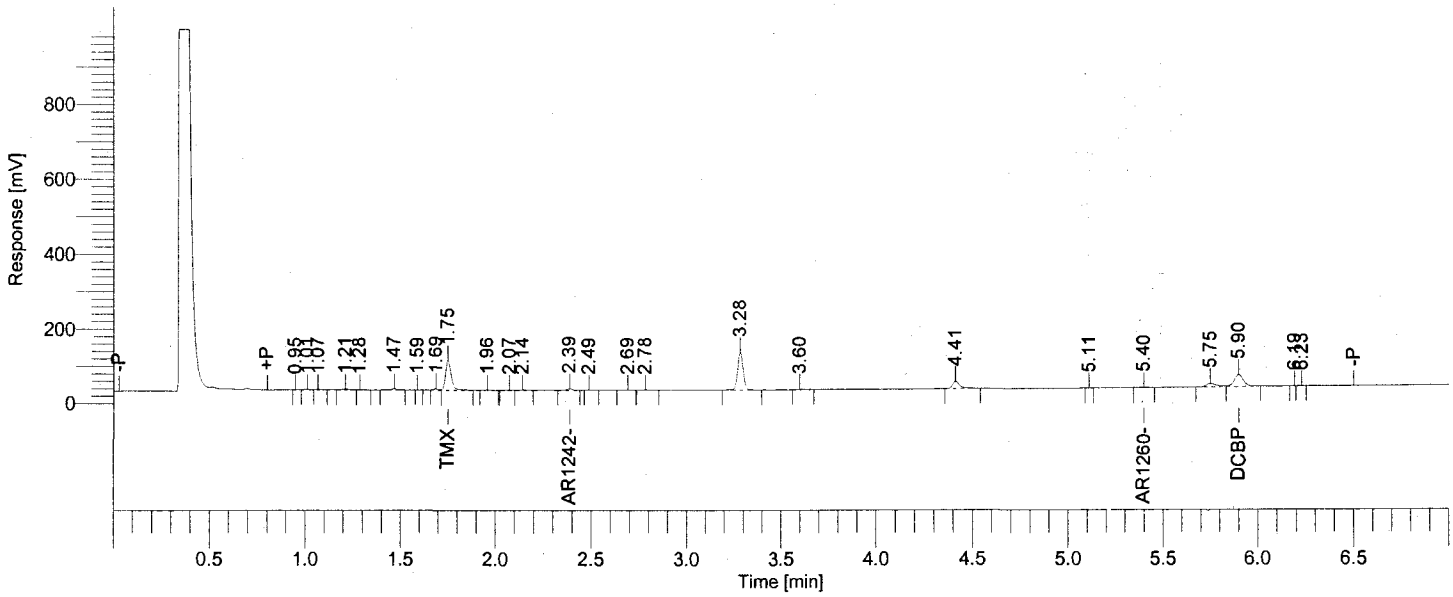
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

Software Version	: 6.2.1.0.104:0104	Date	: 03/25/2006 11:14:10
Reprocess Number	: buf2042: 97897		
Operator	: tchrom	Sample Name	: AW60016624
Sample Number	: A6304703	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: A
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/24/2006 16:39:53	Cycle	: 12

Raw Data File : H:\TURBO6\5890-14\14a37098.raw <Modified>
Result File : H:\TURBO6\5890-14\14a37098.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14a37098.raw
Proc Method : h:\turbo6\5890-14\naproc-9-20.mth from H:\TURBO6\5890-14\14a37098.rst
Calib Method : h:\turbo6\5890-14\na4pcb(11-30-05)4.mth from H:\TURBO6\5890-14\14a37098.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
9	1.75	VV	166760	TMX	0.0153	-------	0
	2.39		8398	AR1242	0.0057	0.0019	3
	5.40		4057	AR1260	-0.0492	-0.0164	3
23	5.90	VB	103729	DCBP	0.0088	-------	0
			282944			-0.0145	

4/5/06 LM

03/25/2006 11:14:10 Result: H:\TURBO6\5890-14\14a37098.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.28		0	AR1242-A	0.0000	-------	-
13	2.39	BV	8398	AR1242-B	0.0308	0.0103	3
-	2.59		0	AR1242-C	0.0000	-------	-
			8398			0.0103	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.99		0	AR1248-A	0.0000	-------	-
-	3.07		0	AR1248-B	0.0000	-------	-
-	3.14		0	AR1248-C	0.0000	-------	-
			0			0.0000	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.72		0	AR1254-A	0.0000	-------	-
-	3.90		0	AR1254-B	0.0000	-------	-
-	4.26		0	AR1254-C	0.0000	-------	-
			0			0.0000	

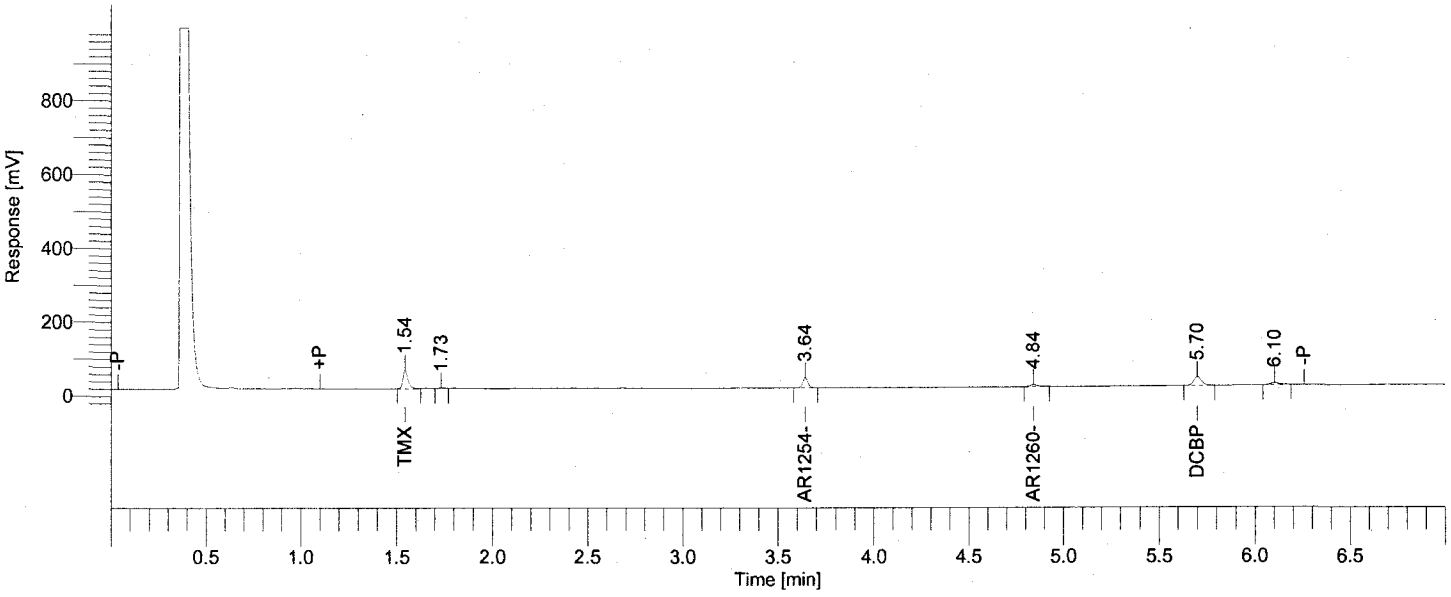
4/5/06

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.74		0	AR1260-A	0.0000	-------	-
-	4.96		0	AR1260-B	0.0000	-------	-
21	5.40	VB	4057	AR1260-C	-5e-03	-2e-03	3
			4057			-2e-03	

Software Version	: 6.2.1.0.104:0104	Date	: 03/25/2006 11:14:12
Reprocess Number	: buf2042: 97898		
Operator	: tchrom	Sample Name	: AW60016624
Sample Number	: A6304703	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: B
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/24/2006 16:39:53	Cycle	: 12

Raw Data File : H:\TURBO6\5890-14\14b37098.raw <Modified>
Result File : H:\TURBO6\5890-14\14b37098.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14b37098.raw
Proc Method : h:\turbo6\5890-14\nbproc-9-20.mth from H:\TURBO6\5890-14\14b37098.rst
Calib Method : h:\turbo6\5890-14\nb4pcb(11-30-05)4.mth from H:\TURBO6\5890-14\14b37098.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
1	1.54	BB	93169	TMX	0.0165	-------	0
	3.64		54678	AR1254	0.0398	0.0133	3
	4.84		15120	AR1260	0.0127	0.0042	3
5	5.70	BB	66135	DCBP	0.0106	-------	0
			229101			0.0175	

4/5/06

03/25/2006 11:14:12 Result: H:\TURBO6\5890-14\14b37098.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.20		0	AR1242-A	0.0000	-------	-
-	2.48		0	AR1242-B	0.0000	-------	-
-	2.59		0	AR1242-C	0.0000	-------	-
			0			0.0000	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.92		0	AR1248-A	0.0000	-------	-
-	3.01		0	AR1248-B	0.0000	-------	-
-	3.36		0	AR1248-C	0.0000	-------	-
			0			0.0000	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
3	3.64	BB	54678	AR1254-A	0.1039	0.0346	3
-	3.77		0	AR1254-B	0.0000	-------	-
-	4.16		0	AR1254-C	0.0000	-------	-
			54678			0.0346	

4/5/06 mw

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.58		0	AR1260-A	0.0000	-------	-
4	4.84	BB	15120	AR1260-B	0.0300	0.0100	3
-	5.24		0	AR1260-C	0.0000	-------	-
			15120			0.0100	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-04-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6304709

Sample wt/vol: 1055.00 (g/mL) ML Lab File ID: 14A37116.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 03/22/2006 03/22/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 03/23/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 03/25/2006

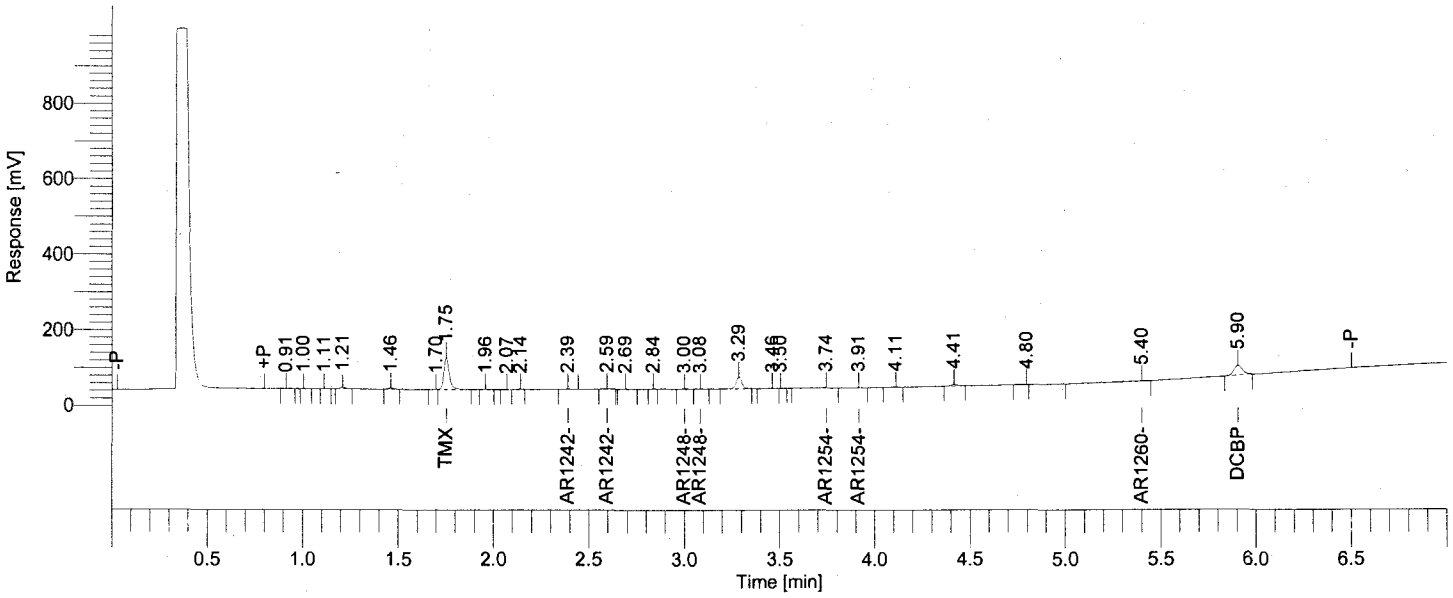
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.47	U
11104-28-2	Aroclor 1221	0.47	U
11141-16-5	Aroclor 1232	0.47	U
53469-21-9	Aroclor 1242	0.47	U
12672-29-6	Aroclor 1248	0.47	U
11097-69-1	Aroclor 1254	0.47	U
11096-82-5	Aroclor 1260	0.47	U

Software Version	: 6.2.1.0.104:0104	Date	: 03/27/2006 10:25:16
Reprocess Number	: buf2046: 36209		
Operator	: tchrom	Sample Name	: AW60016632
Sample Number	: A6304709	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: A
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/25/2006 14:25:56	Cycle	: 6

Raw Data File : H:\TURBO6\5890-14\14a37116.raw <Modified>
Result File : H:\TURBO6\5890-14\14a37116.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14a37116.raw
Proc Method : h:\turbo6\5890-14\naproc-9-20.mth from H:\TURBO6\5890-14\14a37116.rst
Calib Method : h:\turbo6\5890-14\na4pcb(11-30-05)4.mth from H:\TURBO6\5890-14\14a37116.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
7	1.75	VB	170200	TMX	0.0156	-------	0
	2.59		4889	AR1242	0.0033	0.0011	3
	3.08		4198	AR1248	0.0037	0.0012	3
	3.74		5986	AR1254	0.0025	8.3e-04	3
	5.40		9750	AR1260	-0.0453	-0.0151	3
26	5.90	BB	78480	DCBP	0.0057	-------	0
			273504			-0.0119	

4/5/06

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.28		0	AR1242-A	0.0000	-------	-
11	2.39	BV	1684	AR1242-B	0.0062	0.0021	3
12	2.59	VB	3205	AR1242-C	0.0044	0.0015	3
			4889			0.0035	

03/27/2006 10:25:16 Result: H:\TURBO6\5890-14\14a37116.rst

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
15	3.00	BV	2252	AR1248-A	0.0040	0.0013	3
16	3.08	VB	1945	AR1248-B	0.0043	0.0014	3
-	3.14		0	AR1248-C	0.0000	-------	-
			4198			0.0028	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
20	3.74	BV	4341	AR1254-A	0.0054	0.0018	3
21	3.91	VB	1645	AR1254-B	0.0021	7.0e-04	3
-	4.26		0	AR1254-C	0.0000	-------	-
			5986			0.0025	

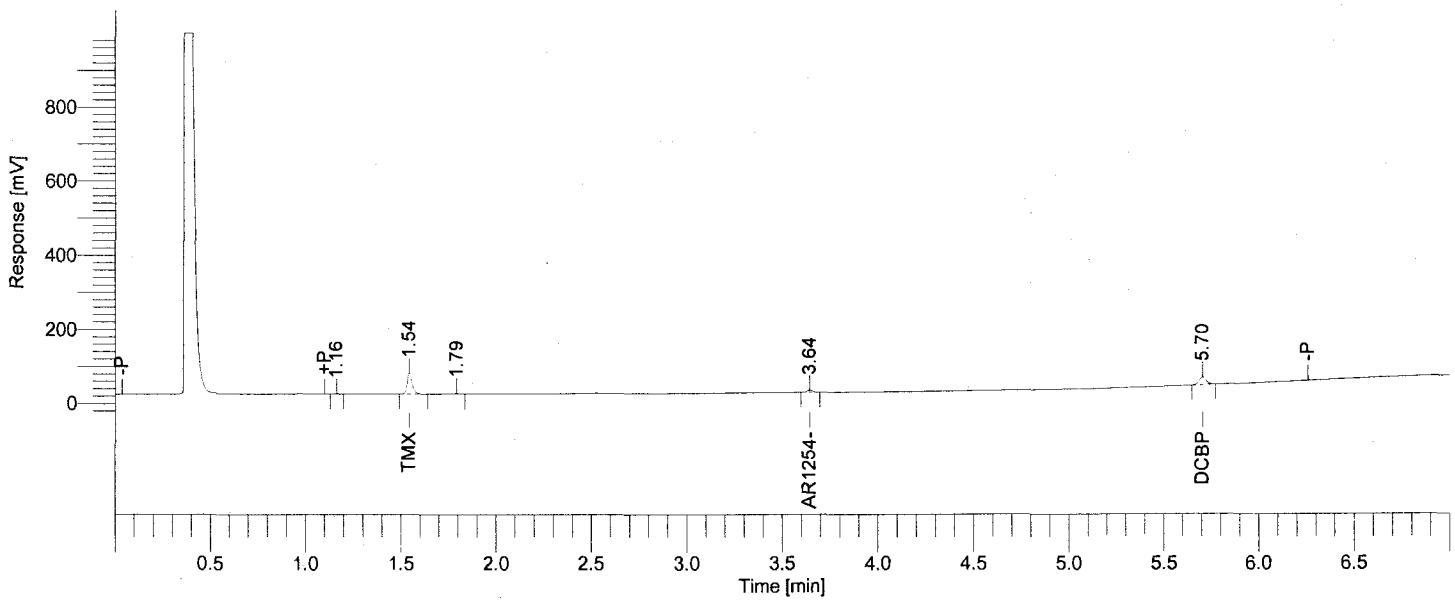
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.74		0	AR1260-A	0.0000	-------	-
-	4.96		0	AR1260-B	0.0000	-------	-
25	5.40	BB	9750	AR1260-C	0.0222	0.0074	3
			9750			0.0074	

4/5/06

Software Version	: 6.2.1.0.104:0104	Date	: 03/27/2006 10:25:17
Reprocess Number	: buf2046: 36210		
Operator	: tchrom	Sample Name	: AW60016632
Sample Number	: A6304709	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: B
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 *min*	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/25/2006 14:25:56	Cycle	: 6

Raw Data File : H:\TURBO6\5890-14\14b37116.raw <Modified>
Result File : H:\TURBO6\5890-14\14b37116.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14b37116.raw
Proc Method : h:\turbo6\5890-14\nbproc-9-20.mth from H:\TURBO6\5890-14\14b37116.rst
Calib Method : h:\turbo6\5890-14\nb4pcb(11-30-05)4.mth from H:\TURBO6\5890-14\14b37116.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
2	1.54	BV	99437	TMX	0.0177	-------	0
	3.64		11041	AR1254	0.0080	0.0027	3
5	5.70	BB	54929	DCBP	0.0082	-------	0
			165408			0.0027	

4/5/06

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.20		0	AR1242-A	0.0000	-------	-
-	2.48		0	AR1242-B	0.0000	-------	-
-	2.59		0	AR1242-C	0.0000	-------	-
			0			0.0000	

03/27/2006 10:25:17 Result: H:\TURBO6\5890-14\14b37116.rst

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.92		0	AR1248-A	0.0000	-------	-
-	3.01		0	AR1248-B	0.0000	-------	-
-	3.36		0	AR1248-C	0.0000	-------	-
			0			0.0000	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
4	3.64	BB	11041	AR1254-A	0.0210	0.0070	3
-	3.77		0	AR1254-B	0.0000	-------	-
-	4.16		0	AR1254-C	0.0000	-------	-
			11041			0.0070	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.58		0	AR1260-A	0.0000	-------	-
-	4.88		0	AR1260-B	0.0000	-------	-
-	5.24		0	AR1260-C	0.0000	-------	-
			0			0.0000	

4/5/06

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-05-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6304710

Sample wt/vol: 1055.00 (g/mL) ML Lab File ID: 14A37117.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 03/22/2006 03/22/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 03/23/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 03/25/2006

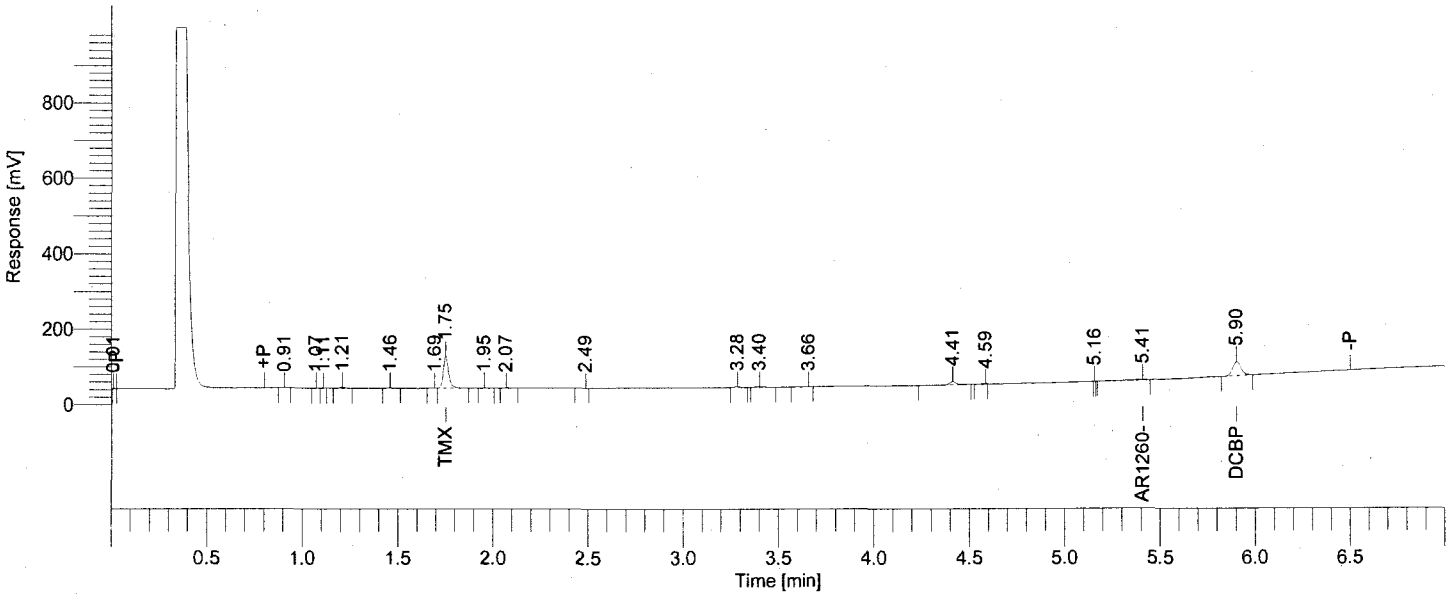
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.47	U
11104-28-2	Aroclor 1221	0.47	U
11141-16-5	Aroclor 1232	0.47	U
53469-21-9	Aroclor 1242	0.47	U
12672-29-6	Aroclor 1248	0.47	U
11097-69-1	Aroclor 1254	0.47	U
11096-82-5	Aroclor 1260	0.47	U

Software Version	: 6.2.1.0.104:0104	Date	: 03/27/2006 10:25:19
Reprocess Number	: buf2046: 36211		
Operator	: tchrom	Sample Name	: AW60016633
Sample Number	: A6304710	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: A
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/25/2006 14:43:53	Cycle	: 7

Raw Data File : H:\TURBO6\5890-14\14a37117.raw <Modified>
Result File : H:\TURBO6\5890-14\14a37117.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14a37117.raw
Proc Method : h:\turbo6\5890-14\naproc-9-20.mth from H:\TURBO6\5890-14\14a37117.rst
Calib Method : h:\turbo6\5890-14\na4pcb(11-30-05)4.mth from H:\TURBO6\5890-14\14a37117.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
8	1.75	VV	170848	TMX	0.0156	-------	0
	5.41		9020	AR1260	-0.0458	-0.0153	3
19	5.90	BB	113640	DCBP	0.0100	-------	0
			293507			-0.0153	

4/5/06

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.28		0	AR1242-A	0.0000	-------	-
-	2.41		0	AR1242-B	0.0000	-------	-
-	2.59		0	AR1242-C	0.0000	-------	-
			0			0.0000	

03/27/2006 10:25:19 Result: H:\TURBO6\5890-14\14a37117.rst

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.99		0	AR1248-A	0.0000	-------	-
-	3.07		0	AR1248-B	0.0000	-------	-
-	3.14		0	AR1248-C	0.0000	-------	-
			0			0.0000	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.72		0	AR1254-A	0.0000	-------	-
-	3.90		0	AR1254-B	0.0000	-------	-
-	4.26		0	AR1254-C	0.0000	-------	-
			0			0.0000	

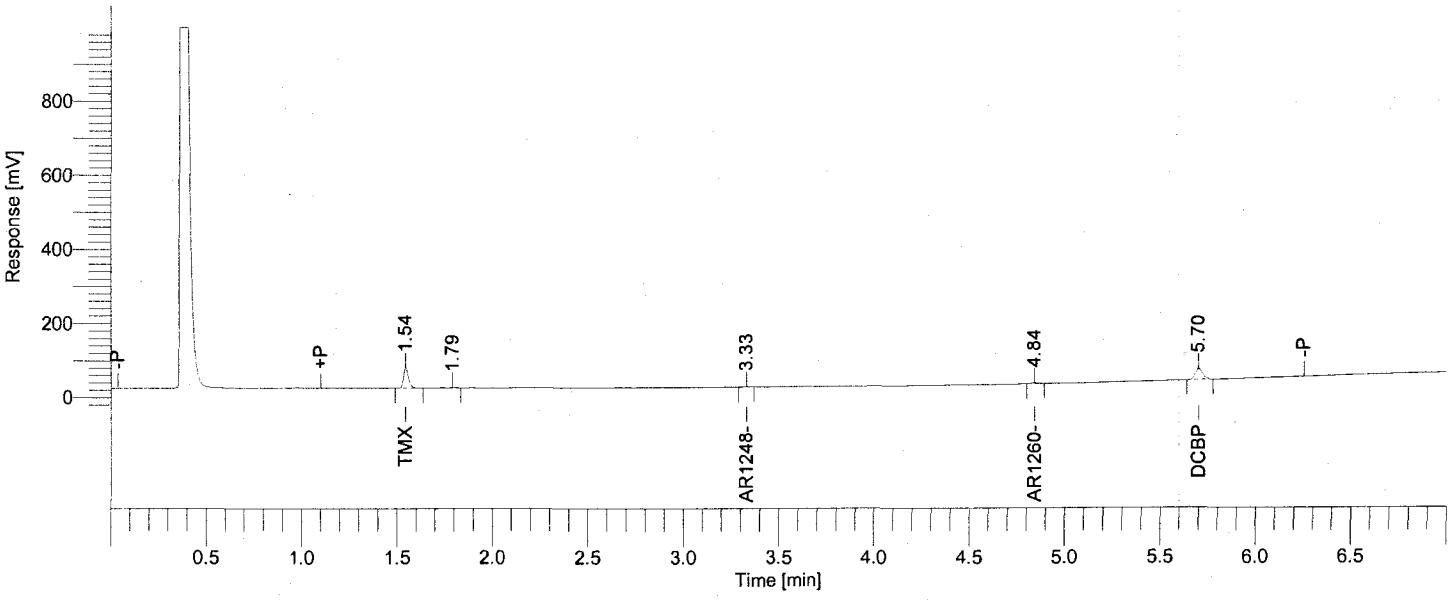
4/5/06

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.74		0	AR1260-A	0.0000	-------	-
-	4.96		0	AR1260-B	0.0000	-------	-
18	5.41	BB	9020	AR1260-C	0.0186	0.0062	3
			9020			0.0062	

Software Version	: 6.2.1.0.104:0104	Date	: 03/27/2006 10:25:20
Reprocess Number	: buf2046: 36212		
Operator	: tchrom	Sample Name	: AW60016633
Sample Number	: A6304710	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: B
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/25/2006 14:43:53	Cycle	: 7

Raw Data File : H:\TURBO6\5890-14\14b37117.raw <Modified>
Result File : H:\TURBO6\5890-14\14b37117.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14b37117.raw
Proc Method : h:\turbo6\5890-14\nbproc-9-20.mth from H:\TURBO6\5890-14\14b37117.rst
Calib Method : h:\turbo6\5890-14\nb4pcb(11-30-05)4.mth from H:\TURBO6\5890-14\14b37117.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
1	1.54	BV	99895	TMX	0.0178	-------	0
	4.84		5981	AR1260	0.0050	0.0017	3
5	5.70	BB	78261	DCBP	0.0133	-------	0
			184137			0.0017	

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.20		0	AR1242-A	0.0000	-------	-
-	2.48		0	AR1242-B	0.0000	-------	-
-	2.59		0	AR1242-C	0.0000	-------	-
			0			0.0000	

4/5/06

03/27/2006 10:25:20 Result: H:\TURBO6\5890-14\14b37117.rst

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.92		0	AR1248-A	0.0000	-------	-
-	3.01		0	AR1248-B	0.0000	-------	-
3	3.33	BB	2650	AR1248-C	0.0107	0.0036	3
			2650			0.0036	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.65		0	AR1254-A	0.0000	-------	-
-	3.77		0	AR1254-B	0.0000	-------	-
-	4.16		0	AR1254-C	0.0000	-------	-
			0			0.0000	

4/5/06

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.58		0	AR1260-A	0.0000	-------	-
4	4.84	BB	5981	AR1260-B	0.0119	0.0040	3
-	5.24		0	AR1260-C	0.0000	-------	-
			5981			0.0040	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-DOT-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6304705

Sample wt/vol: 1040.00 (g/mL) ML Lab File ID: 14A37102.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 03/22/2006 03/22/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 03/23/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 03/24/2006

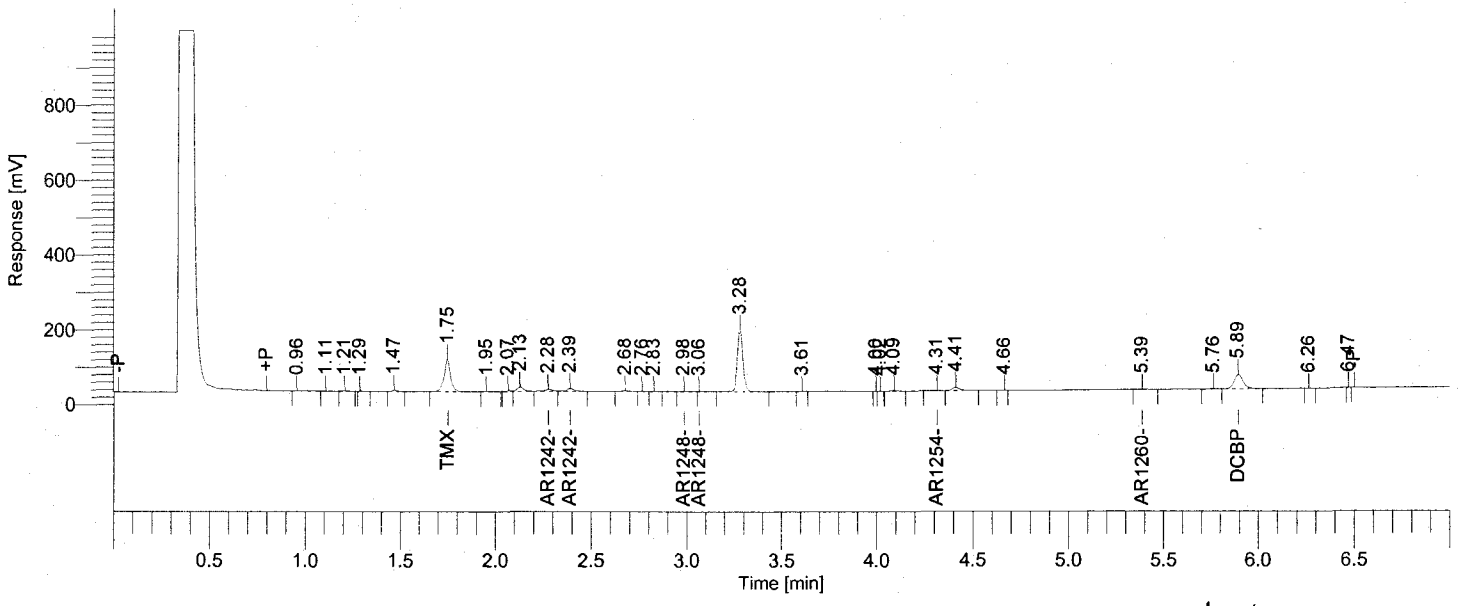
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

Software Version	: 6.2.1.0.104:0104	Date	: 03/25/2006 11:14:30
Reprocess Number	: buf2042: 97905		
Operator	: tchrom	Sample Name	: AW60016628
Sample Number	: A6304705	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: A
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/24/2006 17:51:25	Cycle	: 16

Raw Data File : H:\TURBO6\5890-14\14a37102.raw <Modified>
Result File : H:\TURBO6\5890-14\14a37102.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14a37102.raw
Proc Method : h:\turbo6\5890-14\naproc-9-20.mth from H:\TURBO6\5890-14\14a37102.rst
Calib Method : h:\turbo6\5890-14\na4pcb(11-30-05)4.mth from H:\TURBO6\5890-14\14a37102.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq



4/5/06

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
6	1.75	BB	209956	TMX	0.0194	-------	0
	2.39		40005	AR1242	0.0273	0.0091	3
	2.98		7311	AR1248	0.0064	0.0021	3
27	5.89	VB	122687	DCBP	0.0111	-------	0
			379959			0.0112	

03/25/2006 11:14:30 Result: H:\TURBO6\5890-14\14a37102.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
10	2.28	VV	17221	AR1242-A	0.0366	0.0122	3
11	2.39	VV	22784	AR1242-B	0.0836	0.0279	3
-	2.59		0	AR1242-C	0.0000	-------	-
			40005			0.0401	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
15	2.98	VV	4377	AR1248-A	0.0078	0.0026	3
16	3.06	VV	2934	AR1248-B	0.0065	0.0022	3
-	3.14		0	AR1248-C	0.0000	-------	-
			7311			0.0048	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.72		0	AR1254-A	0.0000	-------	-
-	3.90		0	AR1254-B	0.0000	-------	-
22	4.31	BB	1219	AR1254-C	0.0015	4.9e-04	3
			1219			4.9e-04	

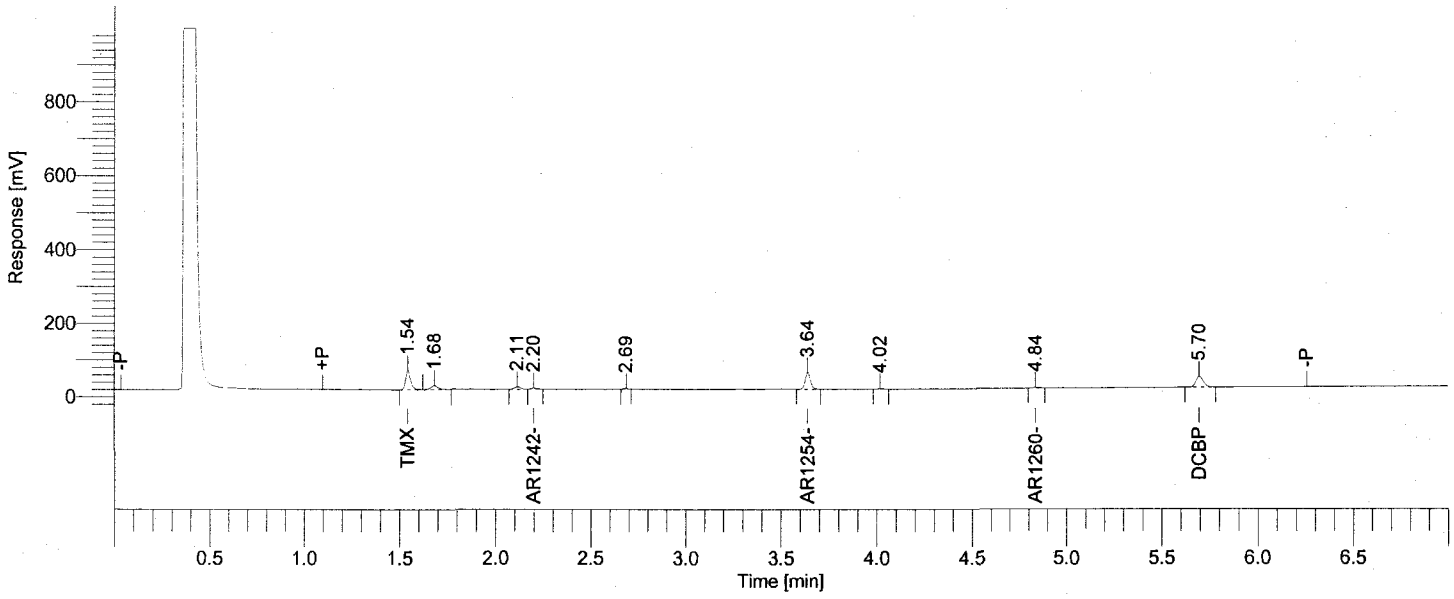
4/5/06

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.74		0	AR1260-A	0.0000	-------	-
-	4.96		0	AR1260-B	0.0000	-------	-
25	5.39	BB	2648	AR1260-C	-0.0123	-4e-03	3
			2648			-4e-03	

Software Version	: 6.2.1.0.104:0104	Date	: 03/25/2006 11:14:33
Reprocess Number	: buf2042: 97906		
Operator	: tchrom	Sample Name	: AW60016628
Sample Number	: A6304705	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: B
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/24/2006 17:51:25	Cycle	: 16

Raw Data File : H:\TURBO6\5890-14\14b37102.raw <Modified>
Result File : H:\TURBO6\5890-14\14b37102.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14b37102.raw
Proc Method : h:\turbo6\5890-14\nbproc-9-20.mth from H:\TURBO6\5890-14\14b37102.rst
Calib Method : h:\turbo6\5890-14\nb4pcb(11-30-05)4.mth from H:\TURBO6\5890-14\14b37102.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
1	1.54	BV	95010	TMX	0.0168	-------	0
	2.20		5854	AR1242	0.0072	0.0024	3
	3.64		84079	AR1254	0.0612	0.0204	3
	4.84		4131	AR1260	0.0035	0.0012	3
9	5.70	BB	78977	DCBP	0.0135	-------	0
			268051			0.0240	

4/5/06

03/25/2006 11:14:33 Result: H:\TURBO6\5890-14\14b37102.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
4	2.20	BB	5854	AR1242-A	0.0235	0.0078	3
-	2.48		0	AR1242-B	0.0000	-------	-
-	2.59		0	AR1242-C	0.0000	-------	-
			5854			0.0078	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.92		0	AR1248-A	0.0000	-------	-
-	3.01		0	AR1248-B	0.0000	-------	-
-	3.36		0	AR1248-C	0.0000	-------	-
			0			0.0000	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
6	3.64	BB	84079	AR1254-A	0.1598	0.0533	3
-	3.77		0	AR1254-B	0.0000	-------	-
-	4.16		0	AR1254-C	0.0000	-------	-
			84079			0.0533	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.58		0	AR1260-A	0.0000	-------	-
8	4.84	BB	4131	AR1260-B	0.0082	0.0027	3
-	5.24		0	AR1260-C	0.0000	-------	-
			4131			0.0027	

4/15/06

Standards

PCB INITIAL CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo Contract:

Instrument: HP5890-14 A Date(s) Analyzed:

Column: ZB-35 12/01/2005 to 12/01/2005

	LEVEL (ng/ul) Area											
COMPOUND	0.025	0.05	0.1	0.25	0.5	1.0	2.5	Curve	R Squared	m_1	m_2	b
AR1016	68079	114573	212493	465111	866626	1657001	3641680	1st	0.997214	1443647		91061
AR1260	80073	114541	203210	447049	856672	1604160	3696031	1st	0.998953	1462058		76018
COMPOUND	0.005	0.01	0.02	0.03	0.04	0.05						
TMX	55994	129084	207569	311035	418555	535417		1st	0.996700	10351931		8851
DCBP	57234	128977	196170	280407	361950	437178		1st	0.995090	8207531		31625

Name	Level	File ID:
ICM66ML	0.025	H:\TURBO6\5890-14\14a26042.raw
ICM66MG	0.05	H:\TURBO6\5890-14\14a26041.raw
ICM66MF	0.10	H:\TURBO6\5890-14\14a26040.raw
ICM66ML	0.25	H:\TURBO6\5890-14\14a26039.raw
ICM66MK	0.5	H:\TURBO6\5890-14\14a26038.raw
ICM66MD	1.0	H:\TURBO6\5890-14\14a26037.raw
ICM66MI	2.5	H:\TURBO6\5890-14\14a26036.raw

Curve	Formula
1st Order	Area = Amt*m1 + b
2nd Order	Area = m1*Amt + m2((Amt)^2) + b

DEC 2 2005

FORM VIA PCB

6B

PCB INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo Contract:

Instrument: HP5890-14 A Date(s) Analyzed:

Column: ZB-35 12/01/05 to 12/01/05

	LEVEL					INITIAL	WINDOW
COMPOUND	A	C	E	AVE RT	WINDOW (+/-)	From	To
TMX	1.83	1.83	1.83	1.83	0.08	1.75	1.91
AR1016-A	2.37	2.37	2.36	2.37	0.08	2.29	2.45
AR1016-B	2.50	2.50	2.50	2.50	0.08	2.42	2.58
AR1016-C	2.69	2.69	2.68	2.69	0.08	2.61	2.77
AR1260-A	4.86	4.86	4.84	4.85	0.08	4.77	4.93
AR1260-B	5.07	5.07	5.06	5.07	0.08	4.99	5.15
AR1260-C	5.51	5.51	5.49	5.50	0.08	5.42	5.58
DCBP	6.04	6.04	6.03	6.04	0.08	5.96	6.12

PCB SINGLE POINT CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo

Instrument: HP5890-14 A Date(s) Analyzed:

Column: ZB-35 11/30/2005 to 11/30/2005

	LEVEL (ng/ul)				
COMPOUND	0.5				
	Area	Calibration Factor	File ID:	Date	Time
AR1221	307475	614950	H:\TURBO6\5890-14\14a26026.raw	11/30/2005 21:36	
AR1232	364705	729410	H:\TURBO6\5890-14\14a26028.raw	11/30/2005 22:11	
AR1242	732367	1464734	H:\TURBO6\5890-14\14a26030.raw	11/30/2005 22:47	
AR1248	567828	1135656	H:\TURBO6\5890-14\14a26032.raw	11/30/2005 23:22	
AR1254	1205155	2410310	H:\TURBO6\5890-14\14a26034.raw	11/30/2005 23:58	

6B

PCB INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo

Instrument: HP5890-14 A Date(s) Analyzed:

Column: ZB-35 11/30/05 to 11/30/05

			INITIAL WINDOW	
COMPOUND	Retention Time	WINDOW (+/-)	From	To
AR1221-A	1.43	0.08	1.35	1.51
AR1221-B	1.96	0.08	1.88	2.04
AR1221-C	2.07	0.08	1.99	2.15
AR1232-A	2.50	0.08	2.42	2.58
AR1232-B	2.68	0.08	2.60	2.76
AR1232-C	3.17	0.08	3.09	3.25
AR1242-A	2.37	0.08	2.29	2.45
AR1242-B	2.50	0.08	2.42	2.58
AR1242-C	2.69	0.08	2.61	2.77
AR1248-A	3.09	0.08	3.01	3.17
AR1248-B	3.18	0.08	3.10	3.26
AR1248-C	3.24	0.08	3.16	3.32
AR1254-A	3.83	0.08	3.75	3.91
AR1254-B	4.01	0.08	3.93	4.09
AR1254-C	4.38	0.08	4.30	4.46

PCB INITIAL CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo Contract:

Instrument: HP5890-14 B Date(s) Analyzed:

Column: ZB-5 12/01/2005 to 12/01/2005

	LEVEL (ng/ul) Area											
COMPOUND	0.025	0.05	0.1	0.25	0.5	1.0	2.5	Curve	R Squared	m_1	m_2	b
AR1016	30730	60172	114617	256670	474749	894455	1929418	1st	0.995824	765406		53413
AR1260	33551	67146	129582	286965	566042	1088764	2415372	1st	0.997404	962500		46908
COMPOUND	0.005	0.01	0.02	0.03	0.04	0.05						
TMX	27605	68382	110293	163150	213544	260055		1st	0.996613	5055430		9906
DCBP	31618	70813	110048	155251	200621	239791		1st	0.994700	4512065		18129

Name	Level	File ID:
ICM66ML	0.025	H:\TURBO6\5890-14\14b26042.raw
ICM66MG	0.05	H:\TURBO6\5890-14\14b26041.raw
ICM66MF	0.10	H:\TURBO6\5890-14\14b26040.raw
ICM66ML	0.25	H:\TURBO6\5890-14\14b26039.raw
ICM66MK	0.5	H:\TURBO6\5890-14\14b26038.raw
ICM66MD	1.0	H:\TURBO6\5890-14\14b26037.raw
ICM66MI	2.5	H:\TURBO6\5890-14\14b26036.raw

Curve	Formula
1st Order	Area = Amt*m1 + b
2nd Order	Area = m1*Amt + m2((Amt)^2) + b

DEC 12 2005

FORM VIA PCB

CONFIRMATION COLUMN

121/730

CONFIRMATION COLUMN

6B

PCB INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo Contract:

Instrument: HP5890-14 B Date(s) Analyzed:

Column: ZB-5 12/01/05 to 12/01/05

	LEVEL					INITIAL	WINDOW
COMPOUND	A	C	E	AVE RT	WINDOW (+/-)	From	To
TMX	1.61	1.60	1.60	1.60	0.08	1.52	1.68
AR1016-A	2.27	2.27	2.26	2.27	0.08	2.19	2.35
AR1016-B	2.55	2.55	2.55	2.55	0.08	2.47	2.63
AR1016-C	2.66	2.66	2.65	2.66	0.08	2.58	2.74
AR1260-A	4.66	4.65	4.64	4.65	0.08	4.57	4.73
AR1260-B	4.95	4.95	4.94	4.95	0.08	4.87	5.03
AR1260-C	5.32	5.32	5.30	5.31	0.08	5.23	5.39
DCBP	5.79	5.79	5.77	5.78	0.08	5.70	5.86

6A

PCB SINGLE POINT CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo

Instrument: HP5890-14 B Date(s) Analyzed:

Column: ZB-5 11/30/2005 to 11/30/2005

	LEVEL (ng/ul)				
COMPOUND	0.5				
	Area	Calibration Factor	File ID:	Date	Time
AR1221	162036	324072	H:\TURBO6\5890-14\14b26026.raw	11/30/2005 21:36	
AR1232	221187	442374	H:\TURBO6\5890-14\14b26028.raw	11/30/2005 22:11	
AR1242	405153	810306	H:\TURBO6\5890-14\14b26030.raw	11/30/2005 22:47	
AR1248	398991	797982	H:\TURBO6\5890-14\14b26032.raw	11/30/2005 23:22	
AR1254	687069	1374138	H:\TURBO6\5890-14\14b26034.raw	11/30/2005 23:58	

FORM VIA PCB

CONFIRMATION COLUMN

123/730

CONFIRMATION COLUMN

6B

PCB INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo

Instrument: HP5890-14 B Date(s) Analyzed:

Column: ZB-5 11/30/05 to 11/30/05

			INITIAL WINDOW	
COMPOUND	Retention Time	WINDOW (+/-)	From	To
AR1221-A	1.35	0.08	1.27	1.43
AR1221-B	1.83	0.08	1.75	1.91
AR1221-C	1.97	0.08	1.89	2.05
AR1232-A	2.55	0.08	2.47	2.63
AR1232-B	2.65	0.08	2.57	2.73
AR1232-C	2.99	0.08	2.91	3.07
AR1242-A	2.27	0.08	2.19	2.35
AR1242-B	2.55	0.08	2.47	2.63
AR1242-C	2.66	0.08	2.58	2.74
AR1248-A	3.00	0.08	2.92	3.08
AR1248-B	3.09	0.08	3.01	3.17
AR1248-C	3.44	0.08	3.36	3.52
AR1254-A	3.72	0.08	3.64	3.80
AR1254-B	3.85	0.08	3.77	3.93
AR1254-C	4.24	0.08	4.16	4.32

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-14 A ICAL Date(s) Analyzed:

Column: ZB-35 11/30/05 to: 11/30/05

CCV ID: ICM54VB Date/Time: 03/24/2006 14:52

FILE ID: H:\TURBO6\5890-14\14a37092.raw

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.75	1.67	1.83	0.0292	0.0300	-2.6
AR1254	3.91	3.83	3.99	0.5416	0.500	8.3
DCBP	5.90	5.82	5.98	0.0321	0.0300	7.1

Ave %D = 6.0

4/7/06
LMW

* Value >15.0% Difference

CONFIRMATION COLUMN

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-14 B ICAL Date(s) Analyzed:

Column: ZB-5 11/30/05 to: 11/30/05

CCV ID: ICM54VB Date/Time: 03/24/2006 14:52

FILE ID: H:\TURBO6\5890-14\14b37092.raw

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.54	1.46	1.62	0.0346	0.0300	15.3 *
AR1254	3.78	3.70	3.86	0.6213	0.500	24.3 *
DCBP	5.70	5.62	5.78	0.0384	0.0300	27.9 *

Ave %D = 22.5

4/7/06

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-14 A ICAL Date(s) Analyzed:

Column: ZB-35 12/01/2005 to: 12/01/2005

CCV ID: ICM66NH Date/Time: 03/24/2006 18:27

FILE ID: H:\TURBO6\5890-14\14a37104.raw

		DAILY	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.75	1.67	1.83	0.0322	0.0300	7.4
AR1016	2.59	2.51	2.67	0.5909	0.500	18.2 *
AR1260	4.75	4.67	4.83	0.5885	0.500	17.7 *
DCBP	5.90	5.82	5.98	0.0341	0.0300	13.8

Ave %D = 14.3

* Value >15.0% Difference

4/7/06 [illegible]

CONFIRMATION 128/730
COLUMN

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-14 B ICAL Date(s) Analyzed:

Column: ZB-5 12/01/2005 to: 12/01/2005

CCV ID: ICM66NH Date/Time: 03/24/2006 18:27

FILE ID: H:\TURBO6\5890-14\14b37104.raw

		DAILY	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.54	1.46	1.62	0.0358	0.0300	19.4 *
AR1016	2.48	2.40	2.56	0.5641	0.500	12.8
AR1260	4.58	4.50	4.66	0.6084	0.500	21.7 *
DCBP	5.70	5.62	5.78	0.0409	0.0300	36.4 *

Ave %D = 22.6

* Value >15.0% Difference

4/7/06 JMW

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-14 A ICAL Date(s) Analyzed:

Column: ZB-35 12/01/2005 to: 12/01/2005

CCV ID: ICM66NH Date/Time: 03/25/2006 12:55

FILE ID: H:\TURBO6\5890-14\14a37111.raw

		DAILY	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.75	1.67	1.83	0.0276	0.0300	-8.1
AR1016	2.59	2.51	2.67	0.4783	0.500	-4.3
AR1260	4.74	4.66	4.82	0.4541	0.500	-9.2
DCBP	5.89	5.81	5.97	0.0256	0.0300	-14.7

Ave %D = 9.1

* Value >15.0% Difference

4/7/06 (mc)

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-14 B ICAL Date(s) Analyzed:

Column: ZB-5 12/01/2005 to: 12/01/2005

CCV ID: ICM66NH Date/Time: 03/25/2006 12:55

FILE ID: H:\TURBO6\5890-14\14b37111.raw

		DAILY	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.54	1.46	1.62	0.0328	0.0300	9.3
AR1016	2.48	2.40	2.56	0.4927	0.500	-1.5
AR1260	4.57	4.49	4.65	0.5819	0.500	16.4 *
DCBP	5.69	5.61	5.77	0.0322	0.0300	7.2

Ave %D = 8.6

* Value >15.0% Difference

4/7/06

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-14 A ICAL Date(s) Analyzed:

Column: ZB-35 11/30/05 to: 11/30/05

CCV ID: ICM54VB Date/Time: 03/25/2006 13:13

FILE ID: H:\TURBO6\5890-14\14a37112.raw

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.75	1.67	1.83	0.0265	0.0300	-11.6
AR1254	3.92	3.84	4.00	0.4475	0.500	-10.5
DCBP	5.91	5.83	5.99	0.0242	0.0300	-19.4 *

Ave %D = 13.8

4/7/06

* Value >15.0% Difference

FORM VII PCB

CONFIRMATION COLUMN

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-14 B ICAL Date(s) Analyzed:

Column: ZB-5 11/30/05 to: 11/30/05

CCV ID: ICM54VB Date/Time: 03/25/2006 13:13

FILE ID: H:\TURBO6\5890-14\14b37112.raw

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.54	1.46	1.62	0.0329	0.0300	9.7
AR1254	3.78	3.70	3.86	0.5528	0.500	10.6
DCBP	5.71	5.63	5.79	0.0316	0.0300	5.3

Ave %D = 8.5

* Value >15.0% Difference

4/7/06

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-14 A ICAL Date(s) Analyzed:

Column: ZB-35 11/30/05 to: 11/30/05

CCV ID: ICM54VB Date/Time: 03/25/2006 16:49

FILE ID: H:\TURBO6\5890-14\14a37124.raw

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.75	1.67	1.83	0.0281	0.0300	-6.4
AR1254	3.91	3.83	3.99	0.4937	0.500	-1.3
DCBP	5.90	5.82	5.98	0.0277	0.0300	-7.8

Ave %D = 5.1

4/7/06

* Value >15.0% Difference

CONFIRMATION
COLUMN

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-14 B ICAL Date(s) Analyzed:

Column: ZB-5 11/30/05 to: 11/30/05

CCV ID: ICM54VB Date/Time: 03/25/2006 16:49

FILE ID: H:\TURBO6\5890-14\14b37124.raw

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.54	1.46	1.62	0.0337	0.0300	12.4
AR1254	3.78	3.70	3.86	0.5775	0.500	15.5 *
DCBP	5.70	5.62	5.78	0.0337	0.0300	12.5

Ave %D = 13.4

4/7/06

* Value >15.0% Difference

FORM VII PCB

TotalChrom Method File H:\TURBO6\5890-14\NA66(11-30-05).mth
Printed by : DelongG on: 12/01/2005 08:02:00
Created by : WilkesD on: 11/30/2005 15:20:54
Edited by : DelongG on: 12/01/2005 08:01:52
Number of Times Edited : 5
Number of Times Calibrated : 371
Description: NEW 7 PT AR 1016/1260 CURVE FOR INST.#14 11/30/05

Global Sample Information
Default Sample Volume : 1.000 uL
Quantitation Units : ng
Void Time : 0.000 min
Correct amounts during calibration : Yes
Convert unknowns to concentration units : Yes
Reject outliers during calibration : No

Processed by: 12/1/05
Reviewed by: DEC 1 2005

An External Standard calibration will be used
Unknown peaks will be quantitated using a response factor of 1.000000e+06
First peak will be relative retention reference

Component Information
TMX
Component Type : Single Peak Component
Retention Time : 1.833 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.030000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000
Value 6 : -1.000000
Value 7 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	55994.07	26363.80	----------	----------	1
B	0.0100	129084.31	62072.59	----------	----------	1
C	0.0200	207569.02	98712.57	----------	----------	1
D	0.0300	311034.94	145484.21	----------	----------	1
E	0.0400	418554.67	191541.74	----------	----------	1
F	0.0500	535416.67	232921.80	----------	----------	1

Calibration Curve : y = (8851.058889) + (10351918.216214)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.996700

12/01/2005 08:02:00 Method: H:\TURBO6\5890-14\NA66(11-30-05).mth

AR1016-A
Component Type : Single Peak Component
Retention Time : 2.370 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
H	0.0250	24277.07	7291.92	----------	----------	1
a	0.0500	38240.09	13018.00	----------	----------	1
b	0.1000	69882.05	23738.85	----------	----------	1
c	0.2500	151983.16	49049.87	----------	----------	1
d	0.5000	275478.50	87732.92	----------	----------	1
e	1.0000	520792.12	161026.44	----------	----------	1
f	2.5000	1112835.04	343874.48	----------	----------	1

Calibration Curve : y = (35340.734979) + (439797.263116)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.995731

AR1016-B
Component Type : Single Peak Component
Retention Time : 2.502 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

12/01/2005 08:02:00 Method: H:\TURBO6\5890-14\NA66(11-30-05).mth

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
H	0.0250	13563.97	4960.17	----------	----------	1
a	0.0500	22198.47	8785.40	----------	----------	1
b	0.1000	40362.82	16221.94	----------	----------	1
c	0.2500	86685.06	34348.54	----------	----------	1
d	0.5000	162236.42	62796.78	----------	----------	1
e	1.0000	304071.74	118006.74	----------	----------	1
f	2.5000	665506.76	255522.29	----------	----------	1

Calibration Curve : y = (18559.539961) + (263210.949045)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.996939

AR1016-C
Component Type : Single Peak Component
Retention Time : 2.687 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
H	0.0250	30238.04	11162.83	----------	----------	1
a	0.0500	54134.74	20477.01	----------	----------	1
b	0.1000	102248.56	38526.44	----------	----------	1
c	0.2500	226442.67	84692.90	----------	----------	1
d	0.5000	428910.94	158394.56	----------	----------	1
e	1.0000	832137.45	305246.96	----------	----------	1
f	2.5000	1863337.77	676730.58	----------	----------	1

Calibration Curve : y = (37160.690367) + (740638.494629)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.998018

AR1016
Component Type : Named Group
Group Members
AR1016-A
AR1016-B
AR1016-C
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1

12/01/2005 08:02:00 Method: H:\TURBO6\5890-14\NA66(11-30-05).mth

Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.600000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
H	0.0250	68079.09	23414.92	----------	----------	1
a	0.0500	114573.30	42280.41	----------	----------	1
b	0.1000	212493.43	78487.24	----------	----------	1
c	0.2500	465110.89	168091.31	----------	----------	1
d	0.5000	866625.86	308924.27	----------	----------	1
e	1.0000	1657001.31	584280.14	----------	----------	1
f	2.5000	3641679.56	1.28e+06	----------	----------	1

Calibration Curve : y = (91060.965308) + (1443646.706790)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.997214

AR1260-A
Component Type : Single Peak Component
Retention Time : 4.857 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
H	0.0250	46094.00	12017.42	----------	----------	1
a	0.0500	68598.39	20607.68	----------	----------	1
b	0.1000	123527.89	37387.72	----------	----------	1
c	0.2500	271531.47	81546.97	----------	----------	1
d	0.5000	512595.89	148844.67	----------	----------	1
e	1.0000	974899.42	288755.15	----------	----------	1
f	2.5000	2193561.96	647785.38	----------	----------	1

Calibration Curve : y = (49578.857186) + (868645.654822)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.998278

12/01/2005 08:02:00 Method: H:\TURBO6\5890-14\NA66(11-30-05).mth

AR1260
Component Type : Named Group
Group Members
AR1260-A
AR1260-B
AR1260-C
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.600000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
H	0.0250	80073.19	22848.46	----------	----------	1
a	0.0500	114541.21	37157.77	----------	----------	1
b	0.1000	203210.42	66849.59	----------	----------	1
c	0.2500	447048.96	145485.26	----------	----------	1
d	0.5000	856671.61	266686.89	----------	----------	1
e	1.0000	1604159.91	514536.55	----------	----------	1
f	2.5000	3696031.18	1.15e+06	----------	----------	1

Calibration Curve : y = (76018.463390) + (1462058.133212)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.998953

AR1260-B
Component Type : Single Peak Component
Retention Time : 5.071 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

12/01/2005 08:02:00 Method: H:\TURBO6\5890-14\NA66(11-30-05).mth

Calibration Level Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
H	0.0250	21485.29	6816.99	----------	----------	1
a	0.0500	30732.90	11064.66	----------	----------	1
b	0.1000	53815.79	19992.23	----------	----------	1
c	0.2500	119028.51	43433.11	----------	----------	1
d	0.5000	223562.07	79945.55	----------	----------	1
e	1.0000	438226.67	155527.17	----------	----------	1
f	2.5000	977679.84	344460.03	----------	----------	1

Calibration Curve : y = (21255.073927) + (387739.110972)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.998166

AR1260-C
Component Type : Single Peak Component
Retention Time : 5.503 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
H	0.0250	12493.90	4014.05	----------	----------	1
a	0.0500	15209.91	5485.42	----------	----------	1
b	0.1000	25866.73	9469.64	----------	----------	1
c	0.2500	56488.98	20505.19	----------	----------	1
d	0.5000	120513.65	37896.67	----------	----------	1
e	1.0000	191033.82	70254.23	----------	----------	1
f	2.5000	524789.38	159078.04	----------	----------	1

Calibration Curve : y = (5184.532277) + (205673.367418)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.997123

DCBP
Component Type : Single Peak Component
Retention Time : 6.039 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1

12/01/2005 08:02:00 Method: H:\TURBO6\5890-14\NA66(11-30-05).mth

Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.030000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000
Value 6 : 0.005000
Value 7 : 1.000000

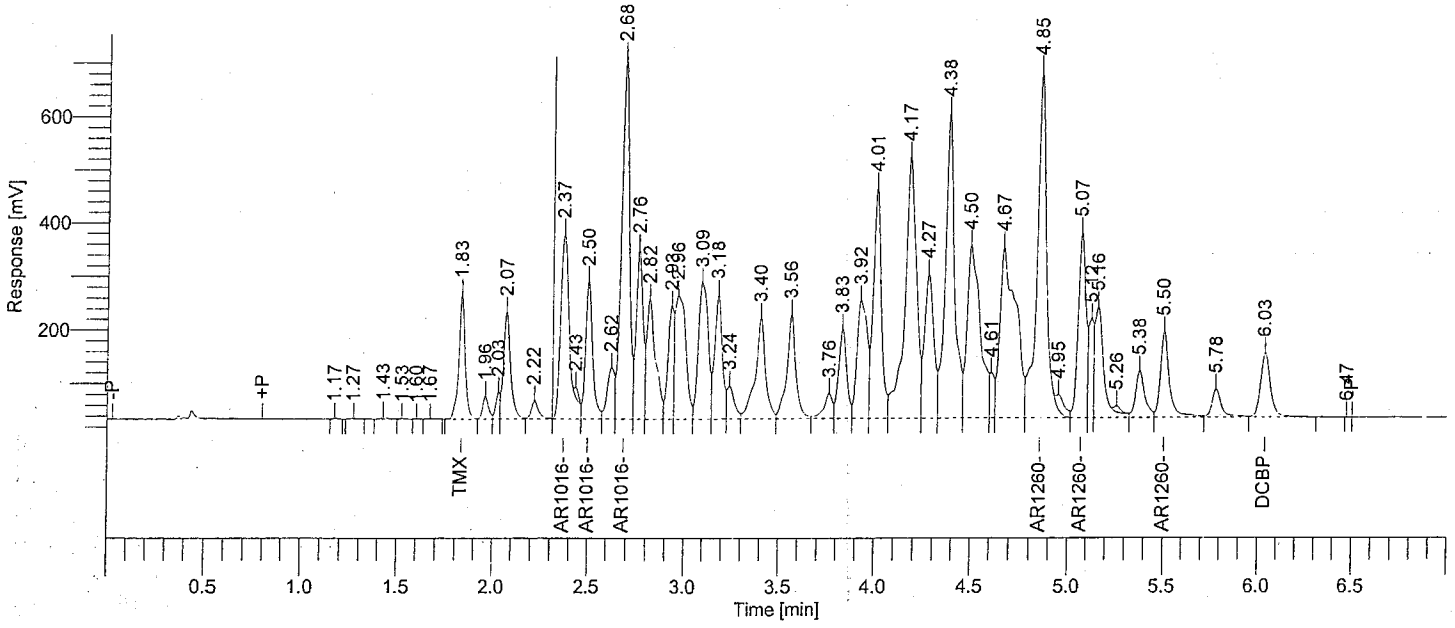
Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
B	0.0100	128976.50	36306.83	----------	----------	1
C	0.0200	196169.81	54880.09	----------	----------	1
D	0.0300	280407.32	75894.71	----------	----------	1
E	0.0400	361949.83	98762.79	----------	----------	1
F	0.0500	437177.71	118376.69	----------	----------	1
A	0.0050	57233.77	16783.73	----------	----------	1

Calibration Curve : y = (31624.511073) + (8207534.627070)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.995090

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 07:53:14
Reprocess Number	: buf2042: 83295		
Operator	: tchrom	Sample Name	: ICM66MI
Sample Number	: 2.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: A
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 00:33:56	Cycle	: 11

Raw Data File : H:\TURBO6\5890-14\14a26036.raw <Modified>
Result File : H:\TURBO6\5890-14\14a26036.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14a26036.raw
Proc Method : h:\turbo6\5890-14\naproc-9-20.mth from H:\TURBO6\5890-14\14a26036.rst
Calib Method : h:\turbo6\5890-14\na66(11-30-05).mth from H:\TURBO6\5890-14\14a26036.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D26.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
7	1.83	BV	535417	TMX	0.0500	-------	0
	2.68		3641680	AR1016	2.5000	0.8333	3
	4.85		3696031	AR1260	2.5000	0.8333	3
45	6.03	VB	437178	DCBP	0.0500	-------	0
			8310305			1.6667	

DEC 1 2005

12/01/2005 07:53:14 Result: H:\TURBO6\5890-14\14a26036.rst

Group Report For : AR1016

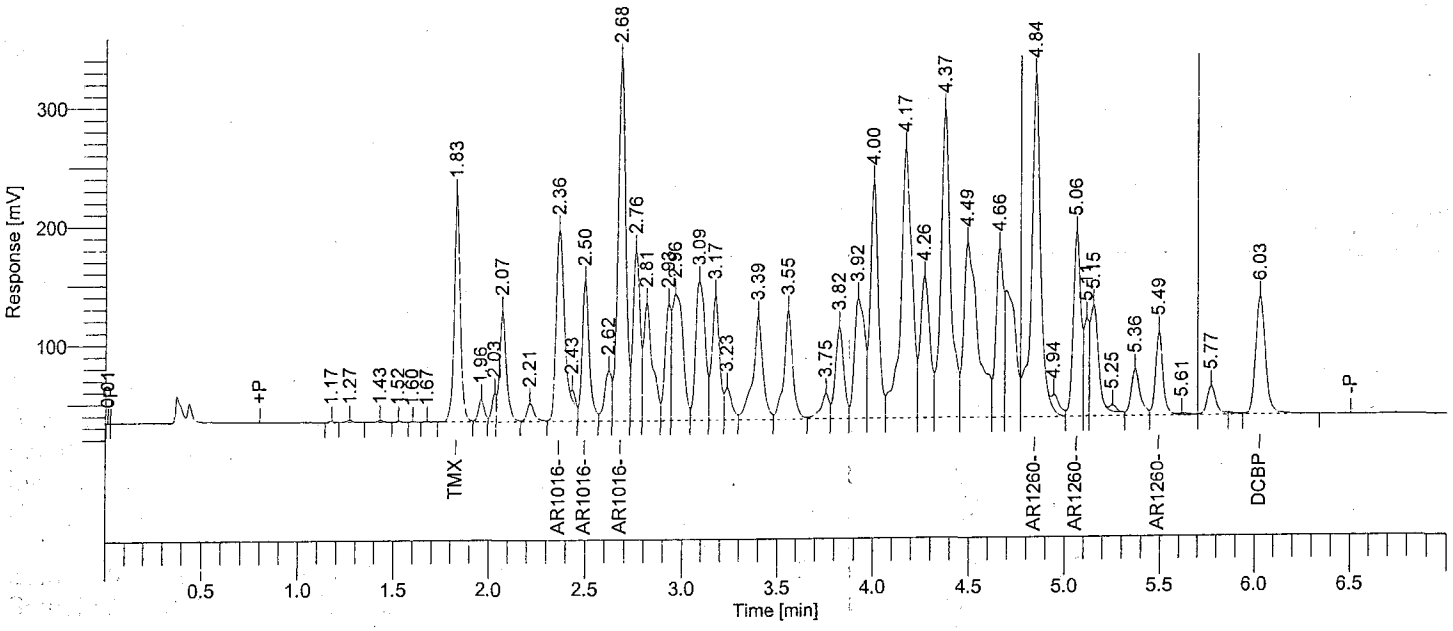
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
12	2.37	VE	1112835	AR1016-A	2.5000	0.8333	3
14	2.50	VV	665507	AR1016-B	2.5000	0.8333	3
16	2.68	VV	1863338	AR1016-C	2.5000	0.8333	3
			3641680			2.5000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
36	4.85	VE	2193562	AR1260-A	2.5000	0.8333	3
38	5.07	VV	977680	AR1260-B	2.5000	0.8333	3
43	5.50	VV	524789	AR1260-C	2.5000	0.8333	3
			3696031			2.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 07:53:20
Reprocess Number	: buf2042: 83297		
Operator	: tchrom	Sample Name	: ICM66MD
Sample Number	: 1.0NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: A
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 00:51:41	Cycle	: 12

Raw Data File : H:\TURBO6\5890-14\14a26037.raw <Modified>
Result File : H:\TURBO6\5890-14\14a26037.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14a26037.raw
Proc Method : h:\turbo6\5890-14\naproc-9-20.mth from H:\TURBO6\5890-14\14a26037.rst
Calib Method : h:\turbo6\5890-14\na66(11-30-05).mth from H:\TURBO6\5890-14\14a26037.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D26.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
8	1.83	VV	418555	TMX	0.0400	-------	0
	2.68		1657001	AR1016	1.0000	0.3333	3
	4.84		1604160	AR1260	1.0000	0.3333	3
46	6.03	VB	361950	DCBP	0.0400	-------	0
			4041666			0.6667	

DEC 1 2005

12/01/2005 07:53:20 Result: H:\TURBO6\5890-14\14a26037.rst

Group Report For : AR1016

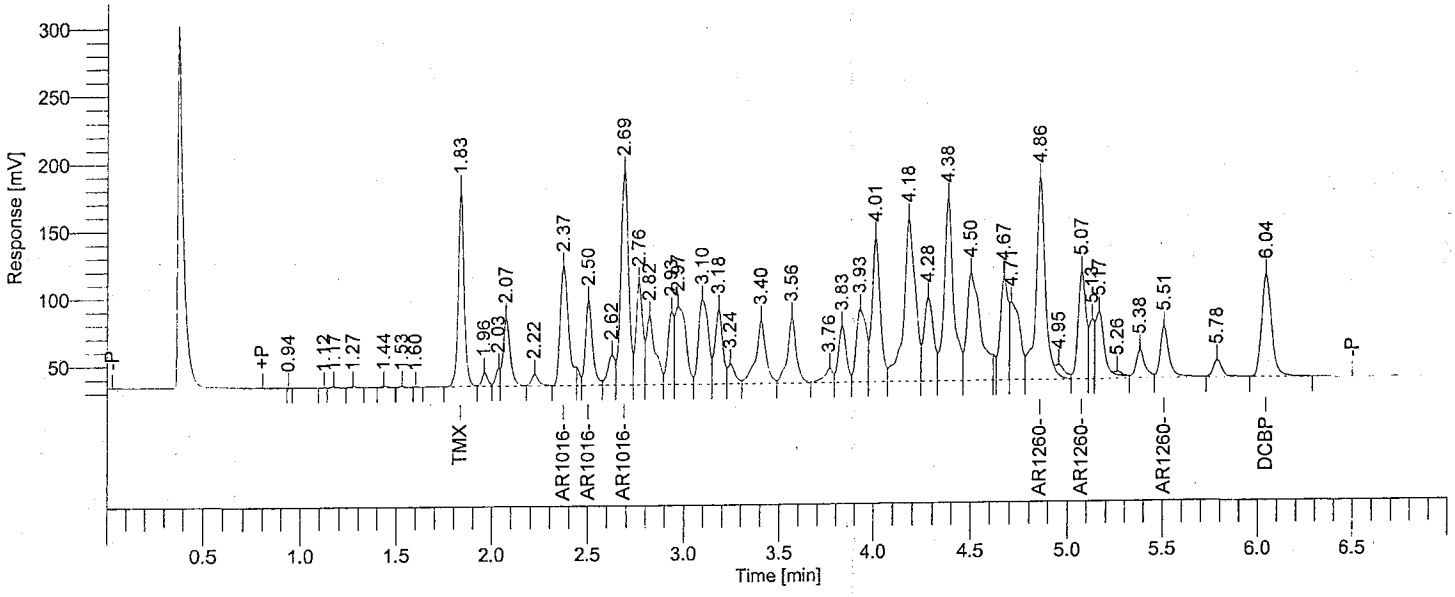
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
13	2.36	VE	520792	AR1016-A	1.0000	0.3333	3
15	2.50	VV	304072	AR1016-B	1.0000	0.3333	3
17	2.68	VV	832137	AR1016-C	1.0000	0.3333	3
			1657001			1.0000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
36	4.84	VE	974899	AR1260-A	1.0000	0.3333	3
38	5.06	VV	438227	AR1260-B	1.0000	0.3333	3
43	5.49	VE	191034	AR1260-C	1.0000	0.3333	3
			1604160			1.0000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 07:53:26
Reprocess Number	: buf2042: 83299		
Operator	: tchrom	Sample Name	: ICM66MK
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: A
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 01:09:55	Cycle	: 13

Raw Data File : H:\TURBO6\5890-14\14a26038.raw <Modified>
Result File : H:\TURBO6\5890-14\14a26038.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14a26038.raw
Proc Method : h:\turbo6\5890-14\naproc-9-20.mth from H:\TURBO6\5890-14\14a26038.rst
Calib Method : h:\turbo6\5890-14\na66(11-30-05).mth from H:\TURBO6\5890-14\14a26038.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D26.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
8	1.83	BV	311035	TMX	0.0300	-------	0
	2.69		866626	AR1016	0.5000	0.1667	3
	4.86		856672	AR1260	0.5000	0.1667	3
45	6.04	VB	280407	DCBP	0.0300	-------	0
			2314740			0.3333	

DEC 1 2005

12/01/2005 07:53:26 Result: H:\TURBO6\5890-14\14a26038.rst

Group Report For : AR1016

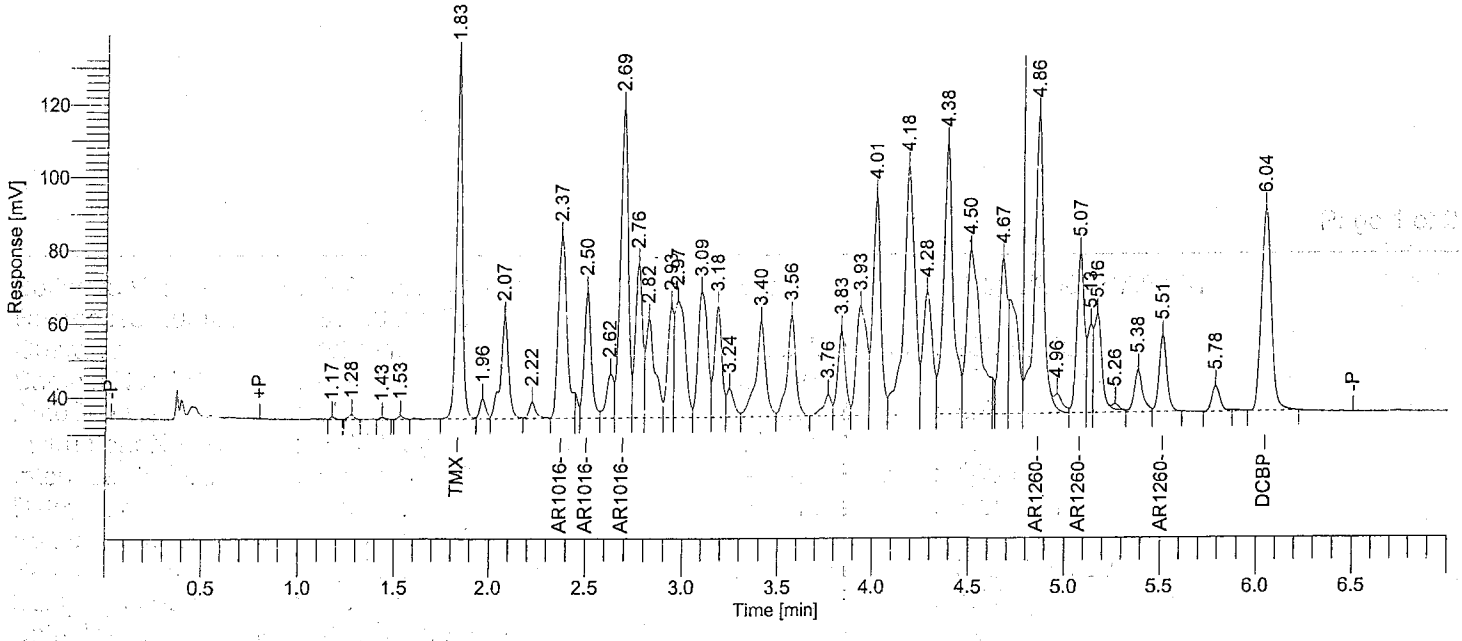
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
13	2.37	VV	275478	AR1016-A	0.5000	0.1667	3
14	2.50	VV	162236	AR1016-B	0.5000	0.1667	3
16	2.69	VV	428911	AR1016-C	0.5000	0.1667	3
			866626			0.5000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
36	4.86	VE	512596	AR1260-A	0.5000	0.1667	3
38	5.07	VV	223562	AR1260-B	0.5000	0.1667	3
43	5.51	VV	120514	AR1260-C	0.5000	0.1667	3
			856672			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 07:53:31
Reprocess Number	: buf2042: 83301		
Operator	: tchrom	Sample Name	: ICM66ML
Sample Number	: 0.25NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: A
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 01:27:39	Cycle	: 14

Raw Data File : H:\TURBO6\5890-14\14a26039.raw <Modified>
Result File : H:\TURBO6\5890-14\14a26039.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14a26039.raw
Proc Method : h:\turbo6\5890-14\naproc-9-20.mth from H:\TURBO6\5890-14\14a26039.rst
Calib Method : h:\turbo6\5890-14\na66(11-30-05).mth from H:\TURBO6\5890-14\14a26039.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D26.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
5	1.83	BV	207569	TMX	0.0200	-------	0
	2.69		465111	AR1016	0.2500	0.0833	3
	4.86		447049	AR1260	0.2500	0.0833	3
40	6.04	VB	196170	DCBP	0.0200	-------	0
			1315899			0.1667	

DEC 1 2005

12/01/2005 07:53:31 Result: H:\TURBO6\5890-14\14a26039.rst

Group Report For : AR1016

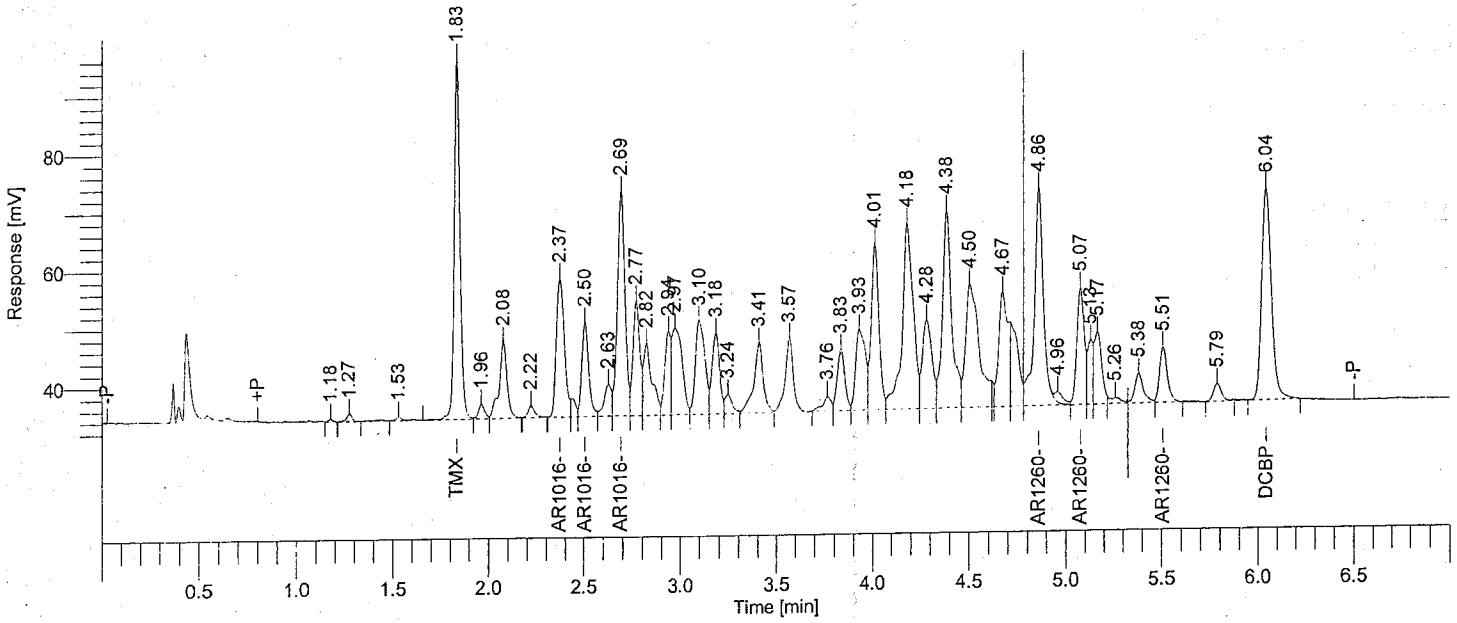
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
9	2.37	VV	151983	AR1016-A	0.2500	0.0833	3
10	2.50	VV	86685	AR1016-B	0.2500	0.0833	3
12	2.69	VV	226443	AR1016-C	0.2500	0.0833	3
			465111			0.2500	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
31	4.86	VE	271531	AR1260-A	0.2500	0.0833	3
33	5.07	VV	119029	AR1260-B	0.2500	0.0833	3
38	5.51	VB	56489	AR1260-C	0.2500	0.0833	3
			447049			0.2500	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 07:53:37
Reprocess Number	: buf2042: 83303		
Operator	: tchrom	Sample Name	: ICM66MF
Sample Number	: 0.1NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: A
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 01:45:28	Cycle	: 15

Raw Data File : H:\TURBO6\5890-14\14a26040.raw <Modified>
Result File : H:\TURBO6\5890-14\14a26040.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14a26040.raw
Proc Method : h:\turbo6\5890-14\naproc-9-20.mth from H:\TURBO6\5890-14\14a26040.rst
Calib Method : h:\turbo6\5890-14\na66(11-30-05).mth from H:\TURBO6\5890-14\14a26040.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D26.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
4	1.83	VV	129084	TMX	0.0100	-------	0
	2.69		212493	AR1016	0.1000	0.0333	3
	4.86		203210	AR1260	0.1000	0.0333	3
39	6.04	VB	128977	DCBP	0.0100	-------	0
			673765			0.0667	

DEC 1 2005

12/01/2005 07:53:37 Result: H:\TURBO6\5890-14\14a26040.rst

Group Report For : AR1016

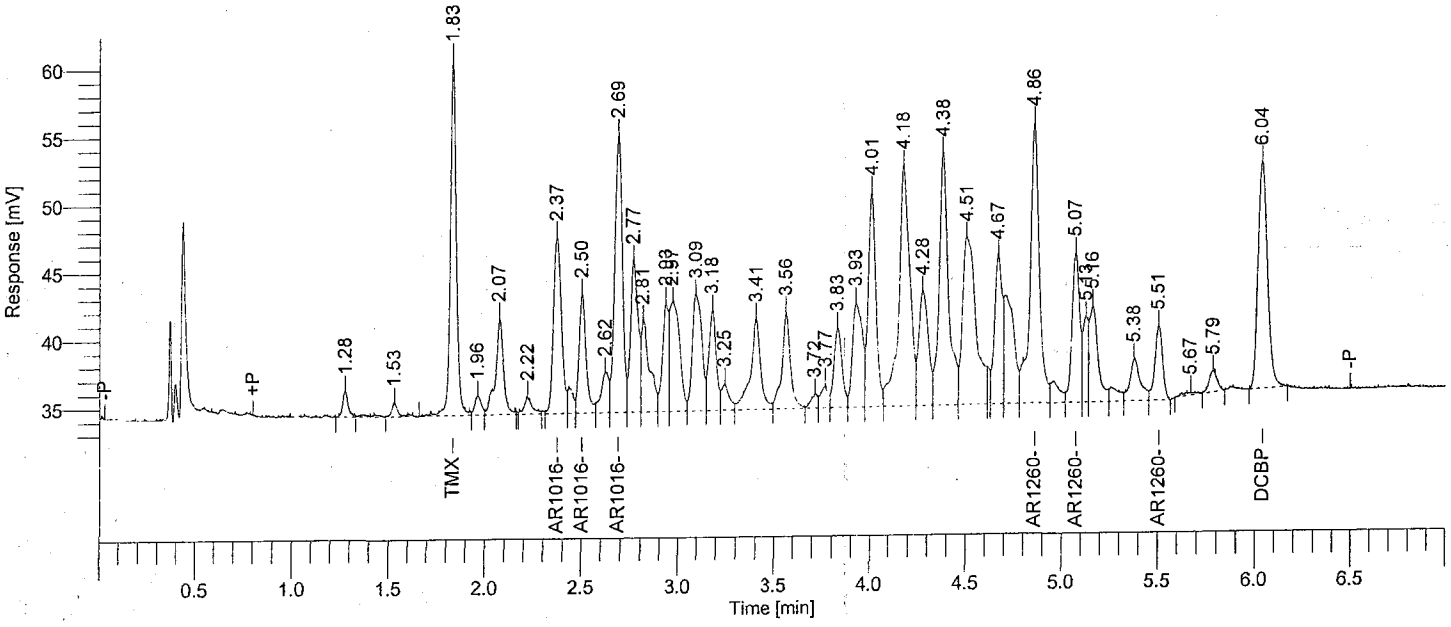
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
8	2.37	VV	69882	AR1016-A	0.1000	0.0333	3
9	2.50	VV	40363	AR1016-B	0.1000	0.0333	3
11	2.69	VV	102249	AR1016-C	0.1000	0.0333	3
			212493			0.1000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
30	4.86	VE	123528	AR1260-A	0.1000	0.0333	3
32	5.07	VV	53816	AR1260-B	0.1000	0.0333	3
37	5.51	VB	25867	AR1260-C	0.1000	0.0333	3
			203210			0.1000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 07:53:42
Reprocess Number	: buf2042: 83305		
Operator	: tchrom	Sample Name	: ICM66MG
Sample Number	: 0.05NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: A
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 02:03:16	Cycle	: 16

Raw Data File : H:\TURBO6\5890-14\14a26041.raw <Modified>
Result File : H:\TURBO6\5890-14\14a26041.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14a26041.raw
Proc Method : h:\turbo6\5890-14\naproc-9-20.mth from H:\TURBO6\5890-14\14a26041.rst
Calib Method : h:\turbo6\5890-14\na66(11-30-05).mth from H:\TURBO6\5890-14\14a26041.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D26.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
3	1.83	VV	55994	TMX	0.0050	-------	0
	2.69		114573	AR1016	0.0500	0.0167	3
	4.86		114541	AR1260	0.0500	0.0167	3
38	6.04	BB	57234	DCBP	0.0050	-------	0
			342342			0.0333	

9

DEC 1 2005

12/01/2005 07:53:42 Result: H:\TURBO6\5890-14\14a26041.rst

Group Report For : AR1016

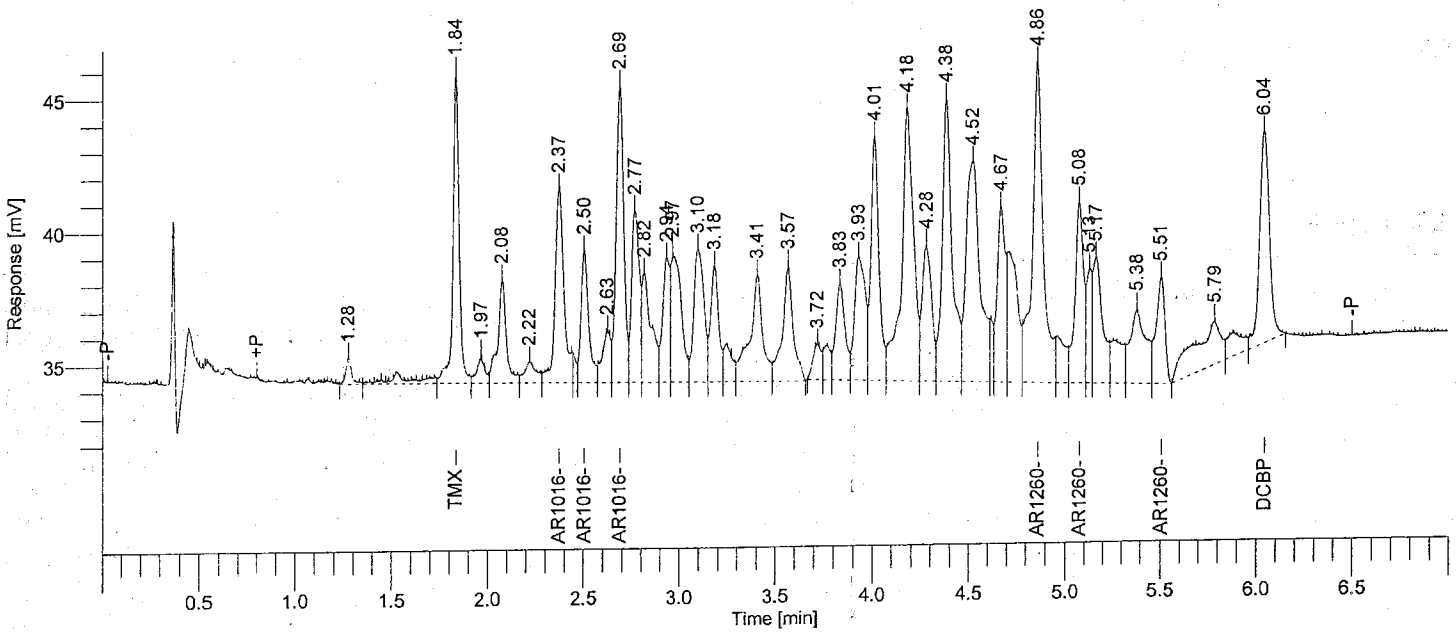
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
7	2.37	VV	38240	AR1016-A	0.0500	0.0167	3
8	2.50	VV	22198	AR1016-B	0.0500	0.0167	3
10	2.69	VV	54135	AR1016-C	0.0500	0.0167	3
			114573			0.0500	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
30	4.86	VV	68598	AR1260-A	0.0500	0.0167	3
31	5.07	VV	30733	AR1260-B	0.0500	0.0167	3
35	5.51	VB	15210	AR1260-C	0.0500	0.0167	3
			114541			0.0500	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 07:53:46
Reprocess Number	: buf2042: 83307		
Operator	: tchrom	Sample Name	: ICM66ML
Sample Number	: 0.025NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: A
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 02:21:06	Cycle	: 17

Raw Data File : H:\TURBO6\5890-14\14a26042.raw <Modified>
Result File : H:\TURBO6\5890-14\14a26042.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14a26042.raw
Proc Method : h:\turbo6\5890-14\naproc-9-20.mth from H:\TURBO6\5890-14\14a26042.rst
Calib Method : h:\turbo6\5890-14\na66(11-30-05).mth from H:\TURBO6\5890-14\14a26042.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D26.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
2	1.84	VV	26492	TMX	0.0030	-------	0
	2.69		68079	AR1016	0.0250	0.0083	3
	4.86		80073	AR1260	0.0250	0.0083	3
34	6.04	VB	28092	DCBP	0.0030	-------	0
			202736			0.0167	

DEC 1 2005

12/01/2005 07:53:46 Result: H:\TURBO6\5890-14\14a26042.rst

Group Report For : AR1016

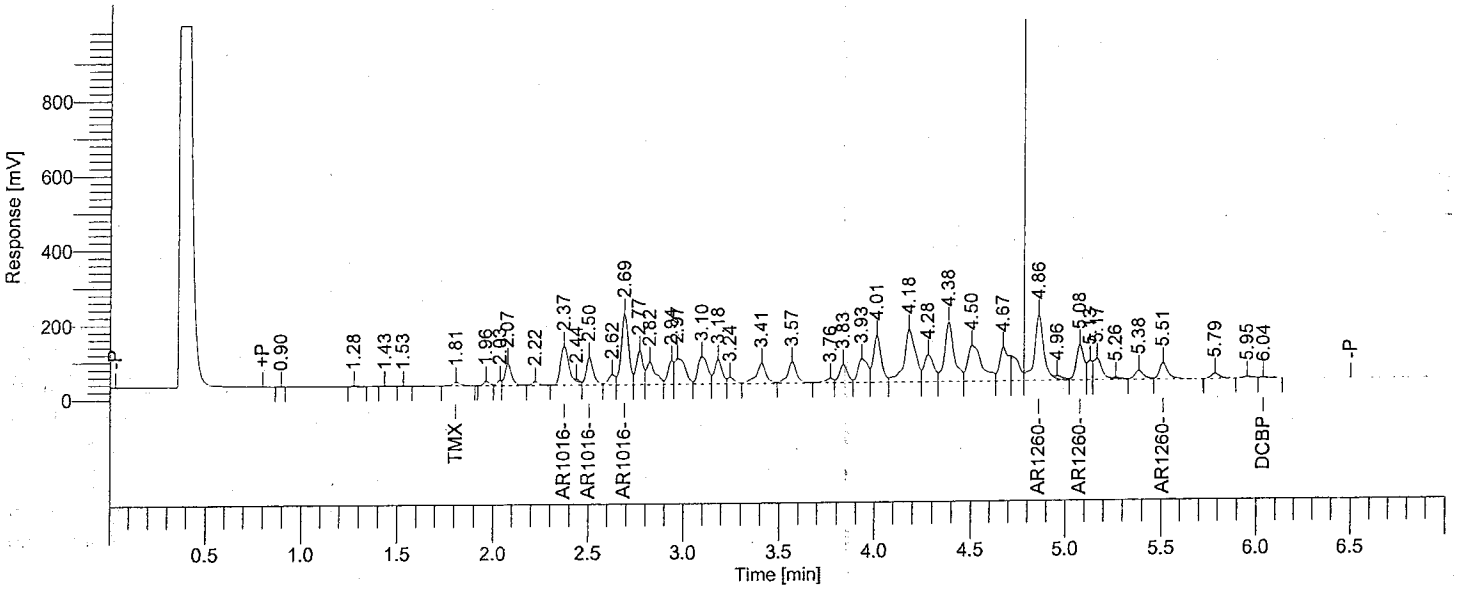
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
6	2.37	VV	24277	AR1016-A	0.0250	0.0083	3
7	2.50	VV	13564	AR1016-B	0.0250	0.0083	3
9	2.69	VV	30238	AR1016-C	0.0250	0.0083	3
			68079			0.0250	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
27	4.86	VV	46094	AR1260-A	0.0250	0.0083	3
28	5.08	VV	21485	AR1260-B	0.0250	0.0083	3
32	5.51	VB	12494	AR1260-C	0.0250	0.0083	3
			80073			0.0250	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 08:06:33
Reprocess Number	: buf2042: 83309		
Operator	: tchrom	Sample Name	: ACM66EB
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: A
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 02:38:54	Cycle	: 1

Raw Data File : H:\TURBO6\5890-14\14a26043.raw <Modified>
Result File : H:\TURBO6\5890-14\14a26043.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14a26043.raw
Proc Method : h:\turbo6\5890-14\naproc-9-20.mth from H:\TURBO6\5890-14\14a26043.rst
Calib Method : h:\turbo6\5890-14\na66(11-30-05).mth from H:\TURBO6\5890-14\14a26043.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-14\14D26.seq



2nd Source Check

DEC 1 2005

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.81	VB	~~26394~~	~~TMX~~	0.0017	1.5575e+07	52788.0254	~~-89.7~~
2.69		1042958	AR1016	0.6594	1.5817e+06	2.0859e+06	9.9
4.86		1003910	AR1260	0.6346	1.5818e+06	2.0078e+06	5.8
6.04	VB	8628	DCBP	-3e-03	---------	17256.9672	~~-100.5~~
		2081891		1.2929		4.1638e+06	

12/01/2005 08:06:33 Result: H:\TURBO6\5890-14\14a26043.rst

Group Report For : AR1016

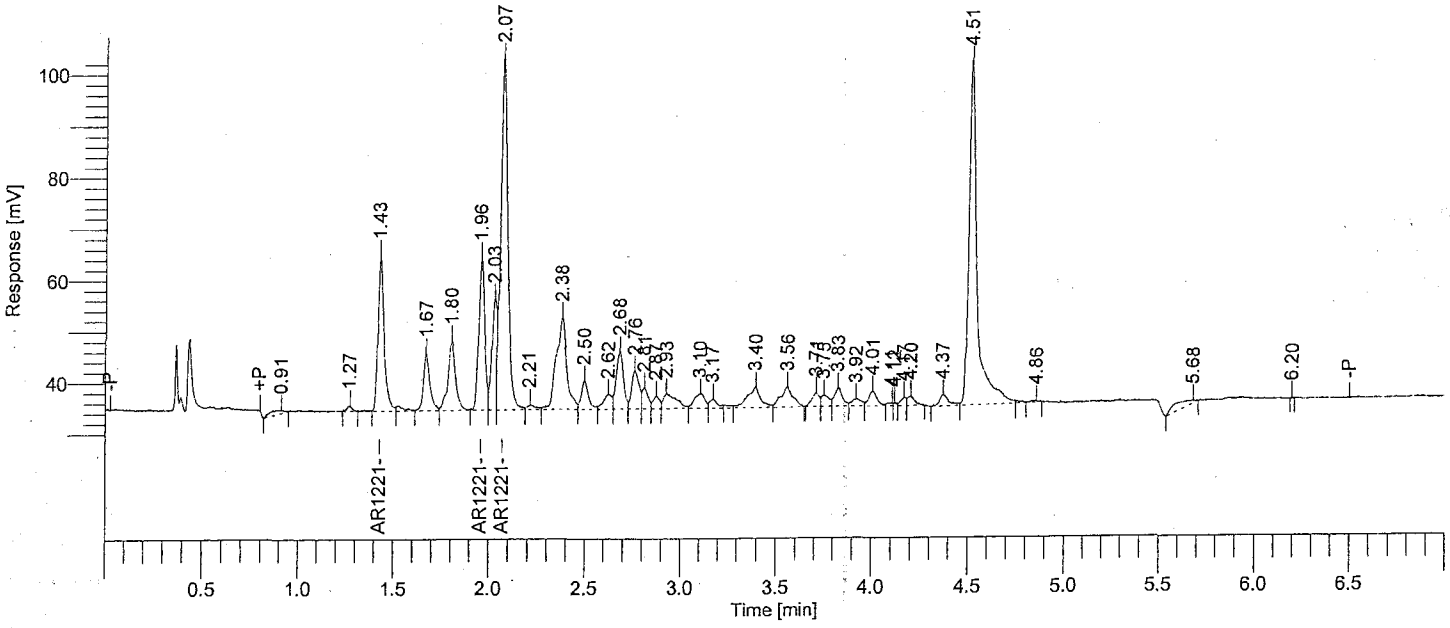
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.37	VE	333127	AR1016-A	0.6771	4.9199e+05	6.6625e+05	12.8
2.50	VV	194282	AR1016-B	0.6676	2.9101e+05	3.8856e+05	11.3
2.69	VV	515550	AR1016-C	0.6459	7.9817e+05	1.0311e+06	7.7
		1042958		1.9906		2.0859e+06	

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
4.86	VE	600579	AR1260-A	0.6343	9.4681e+05	1.2012e+06	5.7
5.08	VV	266629	AR1260-B	0.6328	4.2133e+05	5.3326e+05	5.5
5.51	VV	136702	AR1260-C	0.6394	2.1378e+05	2.7340e+05	6.6
		1003910		1.9066		2.0078e+06	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 07:52:09
Reprocess Number	: buf2042: 83275		
Operator	: tchrom	Sample Name	: ICM21RA
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: A
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 21:36:10	Cycle	: 1

Raw Data File : H:\TURBO6\5890-14\14a26026.raw <Modified>
Result File : H:\TURBO6\5890-14\14a26026.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14a26026.raw
Proc Method : h:\turbo6\5890-14\naproc-9-20.mth from H:\TURBO6\5890-14\14a26026.rst
Calib Method : h:\turbo6\5890-14\na21(11-30-05).mth from H:\TURBO6\5890-14\14a26026.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D26.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	2.07		307475	AR1221	0.5000	0.1667	3
			307475			0.1667	

Processed by: GD 12/1/05

Reviewed by: [signature] DEC 1 2005

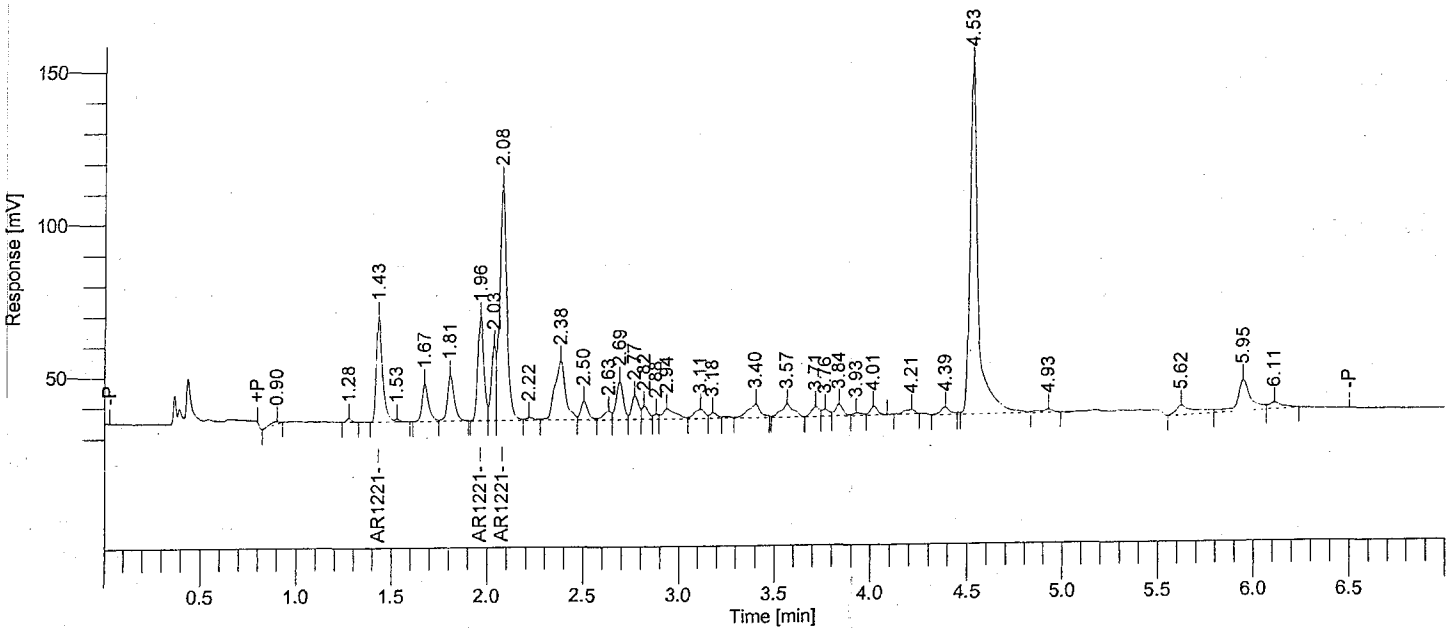
12/01/2005 07:52:09 Result: H:\TURBO6\5890-14\14a26026.rst

Group Report For : AR1221

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
3	1.43	VV	68517	AR1221-A	0.5000	0.1667	3
6	1.96	VV	64910	AR1221-B	0.5000	0.1667	3
8	2.07	VV	174048	AR1221-C	0.5000	0.1667	3
			307475			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 07:52:17
Reprocess Number	: buf2042: 83277		
Operator	: tchrom	Sample Name	: ACM21PA
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: A
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 21:53:53	Cycle	: 2

Raw Data File : H:\TURBO6\5890-14\14a26027.raw <Modified>
Result File : H:\TURBO6\5890-14\14a26027.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14a26027.raw
Proc Method : h:\turbo6\5890-14\naproc-9-20.mth from H:\TURBO6\5890-14\14a26027.rst
Calib Method : h:\turbo6\5890-14\na21(11-30-05).mth from H:\TURBO6\5890-14\14a26027.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-14\14D26.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.08		348844	AR1221	0.5673	6.1495e+05	6.9769e+05	-5.5
		348844		0.5673		6.9769e+05	

DEC 1 2005

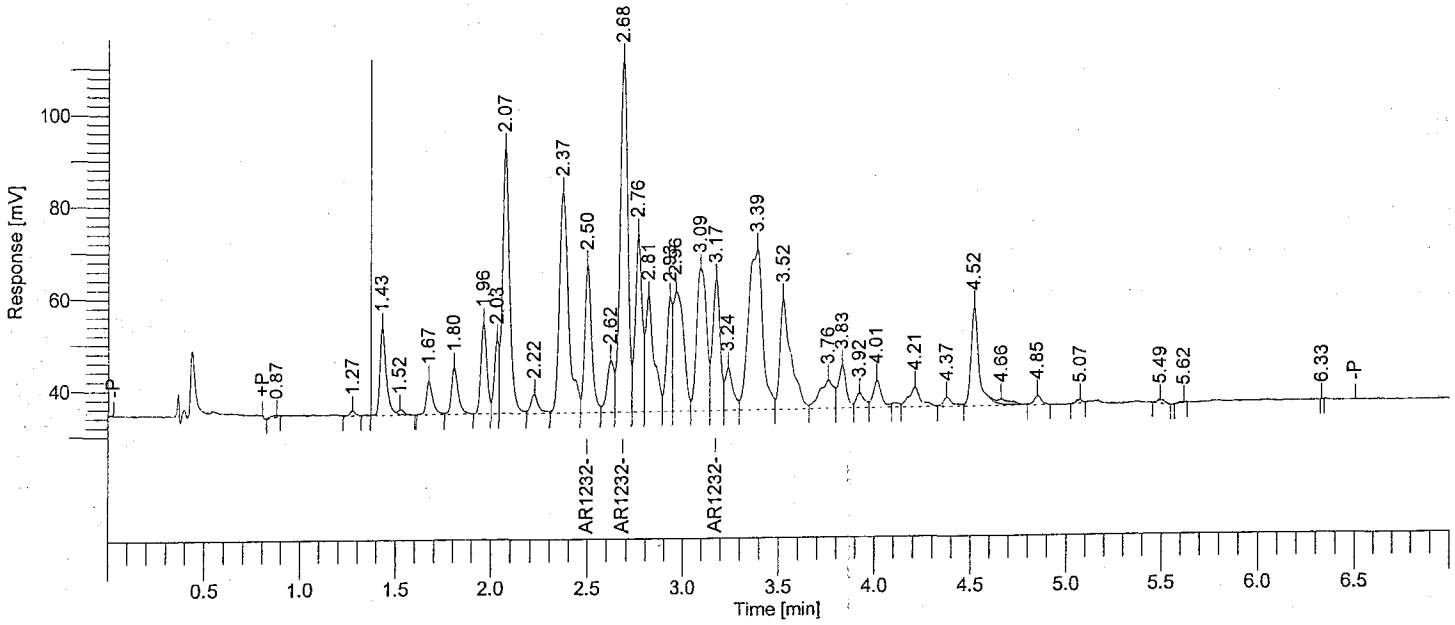
12/01/2005 07:52:17 Result: H:\TURBO6\5890-14\14a26027.rst

Group Report For : AR1221

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.43	BE	77461	AR1221-A	0.5653	1.3703e+05	1.5492e+05	-5.8
1.96	BV	74424	AR1221-B	0.5733	1.2982e+05	1.4885e+05	-4.5
2.08	VV	196960	AR1221-C	0.5658	3.4810e+05	3.9392e+05	-5.7
		348844		1.7044		6.9769e+05	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 08:13:17
Reprocess Number	: buf2042: 83311		
Operator	: tchrom	Sample Name	: ICM32GA
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: A
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 22:11:53	Cycle	: 1

Raw Data File : H:\TURBO6\5890-14\14a26028.raw <Modified>
Result File : H:\TURBO6\5890-14\14a26028.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14a26028.raw
Proc Method : h:\turbo6\5890-14\naproc-9-20.mth from H:\TURBO6\5890-14\14a26028.rst
Calib Method : h:\turbo6\5890-14\na32(11-30-05).mth from H:\TURBO6\5890-14\14a26028.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D26.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	2.68		364705	AR1232	0.5000	0.1667	3
			364705			0.1667	

Processed by: GD 12/1/05

Reviewed by: DEC 1

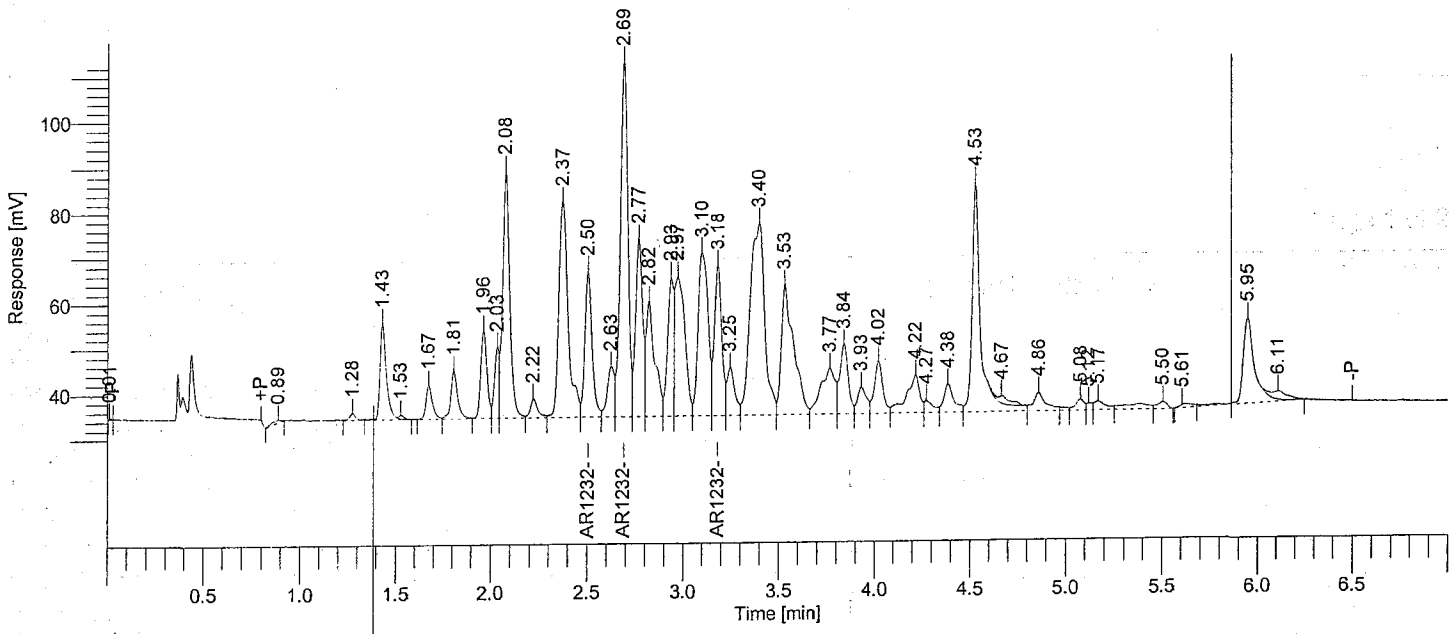
12/01/2005 08:13:17 Result: H:\TURBO6\5890-14\14a26028.rst

Group Report For : AR1232

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
12	2.50	VV	81370	AR1232-A	0.5000	0.1667	3
14	2.68	VV	205270	AR1232-B	0.5000	0.1667	3
20	3.17	VV	78065	AR1232-C	0.5000	0.1667	3
			364705			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 08:13:18
Reprocess Number	: buf2042: 83312		
Operator	: tchrom	Sample Name	: ACM32BB
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: A
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 22:29:35	Cycle	: 2

Raw Data File : H:\TURBO6\5890-14\14a26029.raw <Modified>
Result File : H:\TURBO6\5890-14\14a26029.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14a26029.raw
Proc Method : h:\turbo6\5890-14\naproc-9-20.mth from H:\TURBO6\5890-14\14a26029.rst
Calib Method : h:\turbo6\5890-14\na32(11-30-05).mth from H:\TURBO6\5890-14\14a26029.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-14\14D26.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.69		381906	AR1232	0.5236	7.2941e+05	7.6381e+05	-12.7
		381906		0.5236		7.6381e+05	

DEC 1 2005

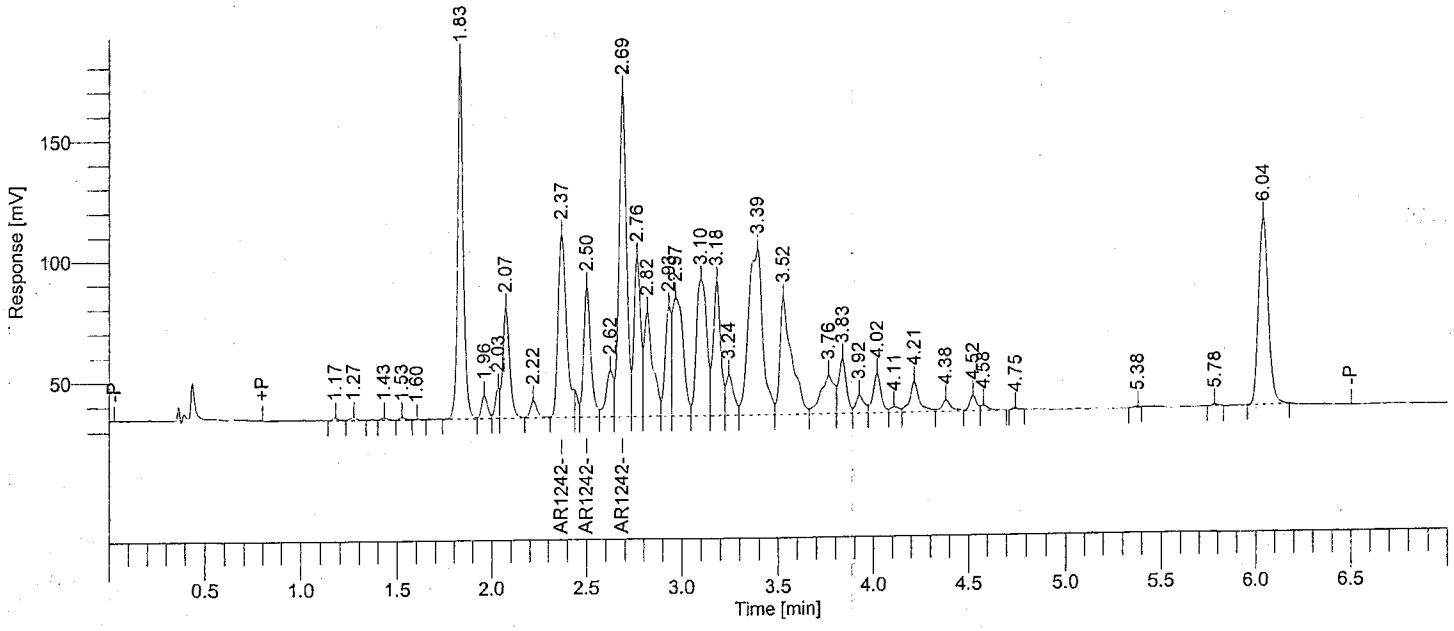
12/01/2005 08:13:18 Result: H:\TURBO6\5890-14\14a26029.rst

Group Report For : AR1232

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.50	VV	82247	AR1232-A	0.5054	1.6274e+05	1.6449e+05	-15.8
2.69	VV	208915	AR1232-B	0.5089	4.1054e+05	4.1783e+05	-15.2
3.18	VV	90744	AR1232-C	0.5812	1.5613e+05	1.8149e+05	-3.1
		381906		1.5955		7.6381e+05	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 07:52:38
Reprocess Number	: buf2042: 83283		
Operator	: tchrom	Sample Name	: ICM42SA
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: A
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 22:47:22	Cycle	: 5

Raw Data File : H:\TURBO6\5890-14\14a26030.raw <Modified>
Result File : H:\TURBO6\5890-14\14a26030.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14a26030.raw
Proc Method : h:\turbo6\5890-14\naproc-9-20.mth from H:\TURBO6\5890-14\14a26030.rst
Calib Method : h:\turbo6\5890-14\na42(11-30-05).mth from H:\TURBO6\5890-14\14a26030.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D26.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	2.69		732367	AR1242	0.5000	0.1667	3
			732367			0.1667	

Processed by: GTD 12\1\05
Reviewed by: DEC\ 1 \2005

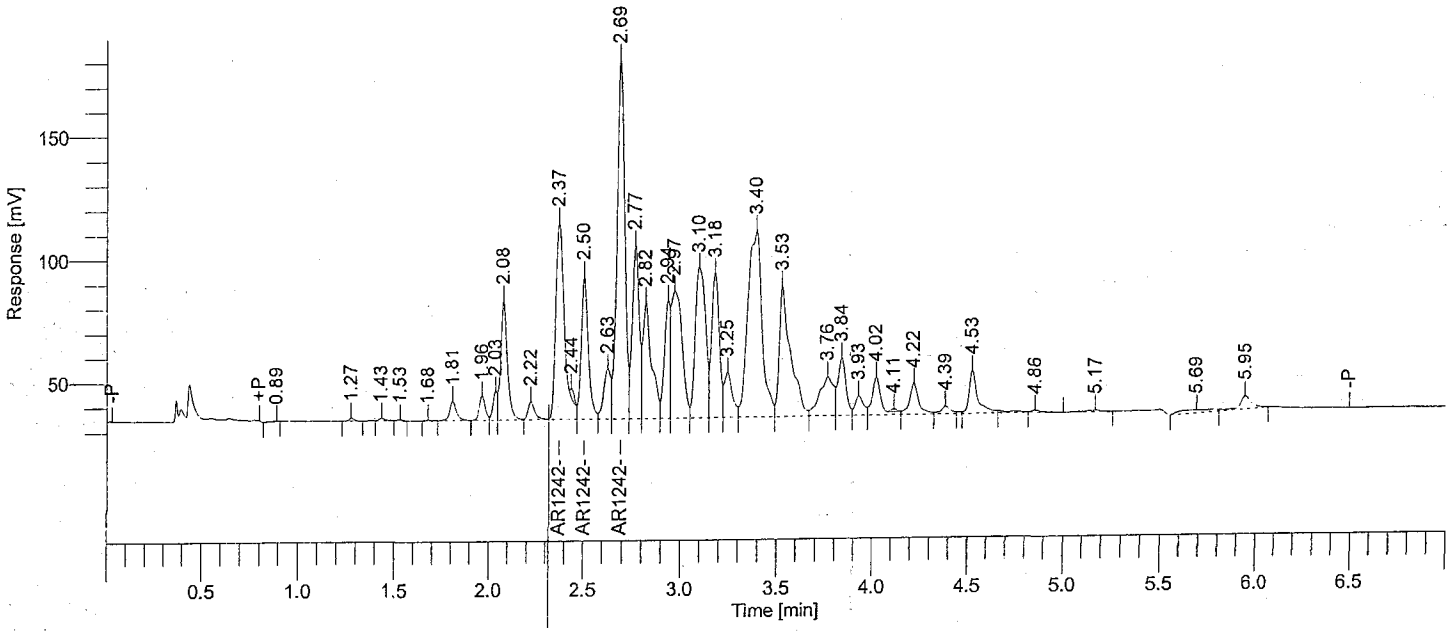
12/01/2005 07:52:38 Result: H:\TURBO6\5890-14\14a26030.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
11	2.37	VV	235091	AR1242-A	0.5000	0.1667	3
12	2.50	VV	136246	AR1242-B	0.5000	0.1667	3
14	2.69	VV	361031	AR1242-C	0.5000	0.1667	3
			732367			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 07:52:44
Reprocess Number	: buf2042: 83285		
Operator	: tchrom	Sample Name	: ACM42OA
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: A
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 23:05:08	Cycle	: 6

Raw Data File : H:\TURBO6\5890-14\14a26031.raw <Modified>
Result File : H:\TURBO6\5890-14\14a26031.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14a26031.raw
Proc Method : h:\turbo6\5890-14\naproc-9-20.mth from H:\TURBO6\5890-14\14a26031.rst
Calib Method : h:\turbo6\5890-14\na42(11-30-05).mth from H:\TURBO6\5890-14\14a26031.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-14\14D26.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.69		798048	AR1242	0.5448	1.4647e+06	1.5961e+06	-9.2
		798048		0.5448		1.5961e+06	

DEC 1 2005

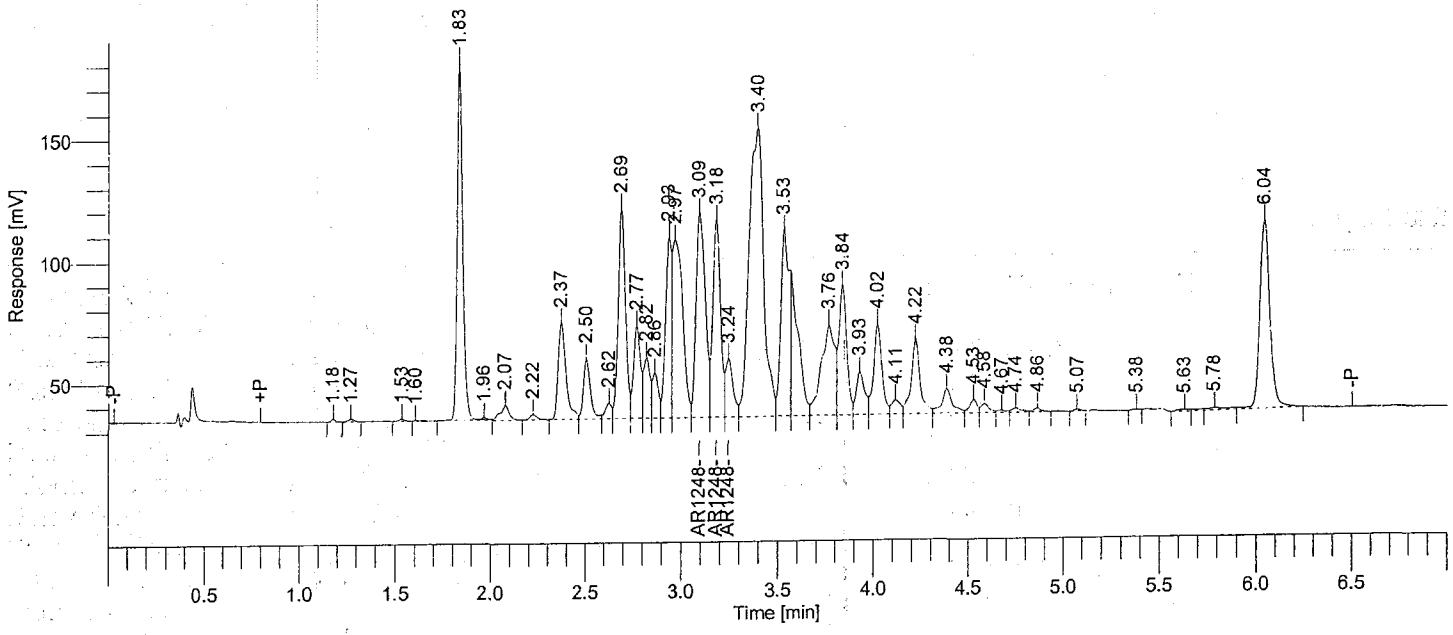
12/01/2005 07:52:44 Result: H:\TURBO6\5890-14\14a26031.rst

Group Report For : AR1242

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.37	VE	257007	AR1242-A	0.5466	4.7018e+05	5.1401e+05	-8.9
2.50	VV	147708	AR1242-B	0.5421	2.7249e+05	2.9542e+05	-9.7
2.69	VV	393334	AR1242-C	0.5447	7.2206e+05	7.8667e+05	-9.2
		798048		1.6334		1.5961e+06	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 07:52:51
Reprocess Number	: buf2042: 83287		
Operator	: tchrom	Sample Name	: ICM48RA
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: A
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 23:22:56	Cycle	: 7

Raw Data File : H:\TURBO6\5890-14\14a26032.raw <Modified>
Result File : H:\TURBO6\5890-14\14a26032.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14a26032.raw
Proc Method : h:\turbo6\5890-14\naproc-9-20.mth from H:\TURBO6\5890-14\14a26032.rst
Calib Method : h:\turbo6\5890-14\na48(11-30-05).mth from H:\TURBO6\5890-14\14a26032.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D26.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	3.09		567828	AR1248	0.5000	0.1667	3
			567828			0.1667	

Processed by: BAD 12/1/05
Reviewed by: DEC 1 2005

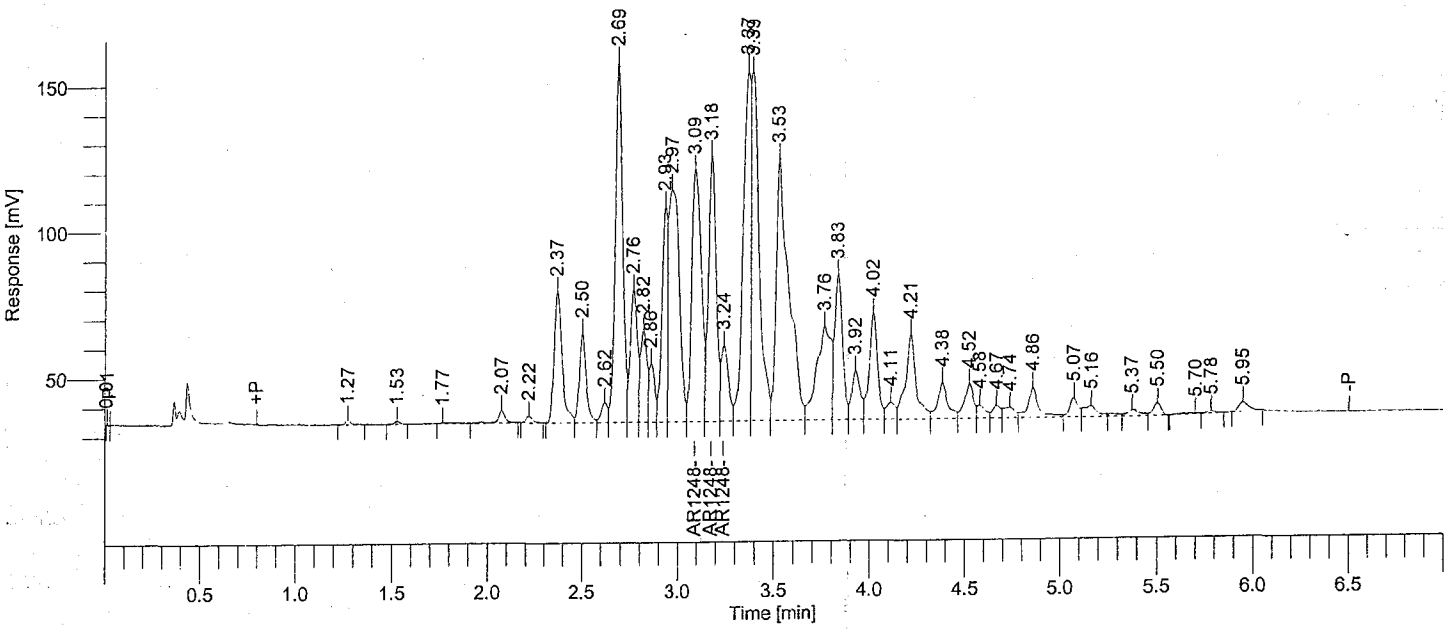
12/01/2005 07:52:51 Result: H:\TURBO6\5890-14\14a26032.rst

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
18	3.09	VV	279189	AR1248-A	0.5000	0.1667	3
19	3.18	VV	224888	AR1248-B	0.5000	0.1667	3
20	3.24	VV	63751	AR1248-C	0.5000	0.1667	3
			567828			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 07:52:57
Reprocess Number	: buf2042: 83289		
Operator	: tchrom	Sample Name	: ACM48MA
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: A
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 23:40:39	Cycle	: 8

Raw Data File : H:\TURBO6\5890-14\14a26033.raw <Modified>
Result File : H:\TURBO6\5890-14\14a26033.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14a26033.raw
Proc Method : h:\turbo6\5890-14\naproc-9-20.mth from H:\TURBO6\5890-14\14a26033.rst
Calib Method : h:\turbo6\5890-14\na48(11-30-05).mth from H:\TURBO6\5890-14\14a26033.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-14\14D26.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.18		618999	AR1248	0.5451	1.1357e+06	1.2380e+06	-9.2
		618999		0.5451		1.2380e+06	

DEC 1 2005

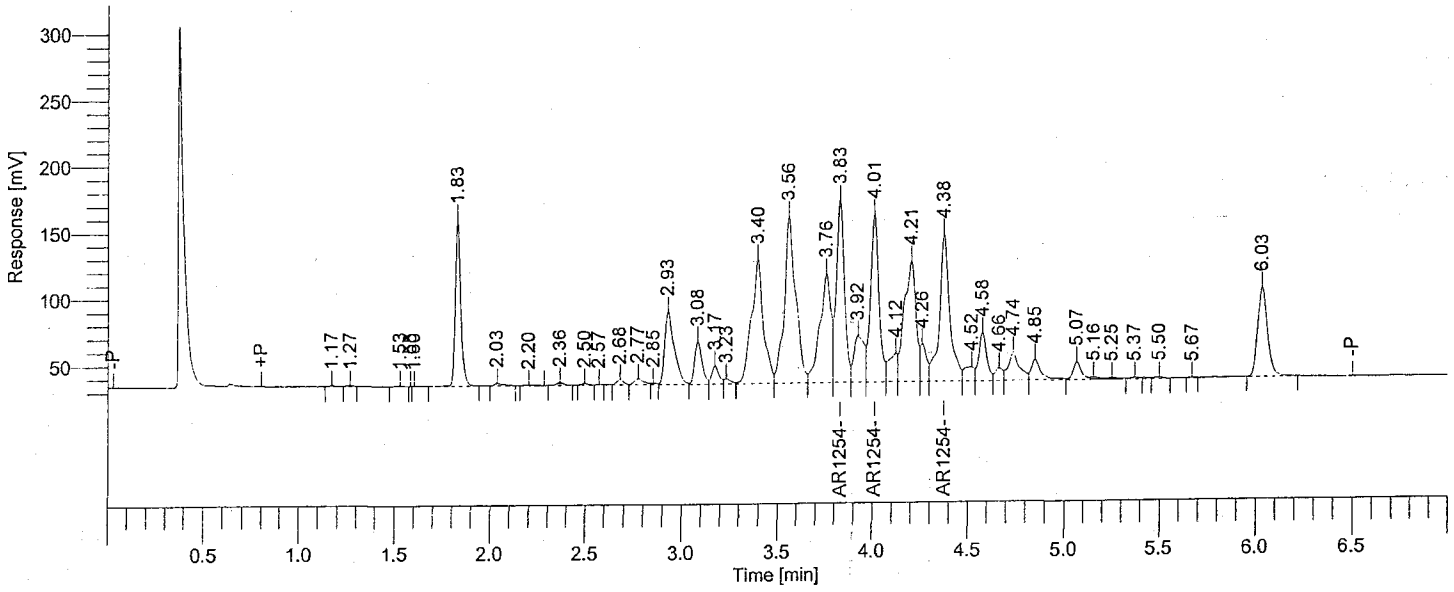
12/01/2005 07:52:57 Result: H:\TURBO6\5890-14\14a26033.rst

Group Report For : AR1248

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.09	VV	296687	AR1248-A	0.5313	5.5838e+05	5.9337e+05	-11.4
3.18	VV	252832	AR1248-B	0.5621	4.4978e+05	5.0566e+05	-6.3
3.24	VV	69479	AR1248-C	0.5449	1.2750e+05	1.3896e+05	-9.2
		618999		1.6384		1.2380e+06	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 07:53:03
Reprocess Number	: buf2042: 83291		
Operator	: tchrom	Sample Name	: ICM54TC
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: A
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 23:58:24	Cycle	: 9

Raw Data File : H:\TURBO6\5890-14\14a26034.raw <Modified>
Result File : H:\TURBO6\5890-14\14a26034.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14a26034.raw
Proc Method : h:\turbo6\5890-14\naproc-9-20.mth from H:\TURBO6\5890-14\14a26034.rst
Calib Method : h:\turbo6\5890-14\na54(11-30-05).mth from H:\TURBO6\5890-14\14a26034.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D26.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	3.83		1205155	AR1254	0.5000	0.1667	3
			1205155			0.1667	

Processed by: CHO 12/1/05
Reviewed by: DEC 1 2005

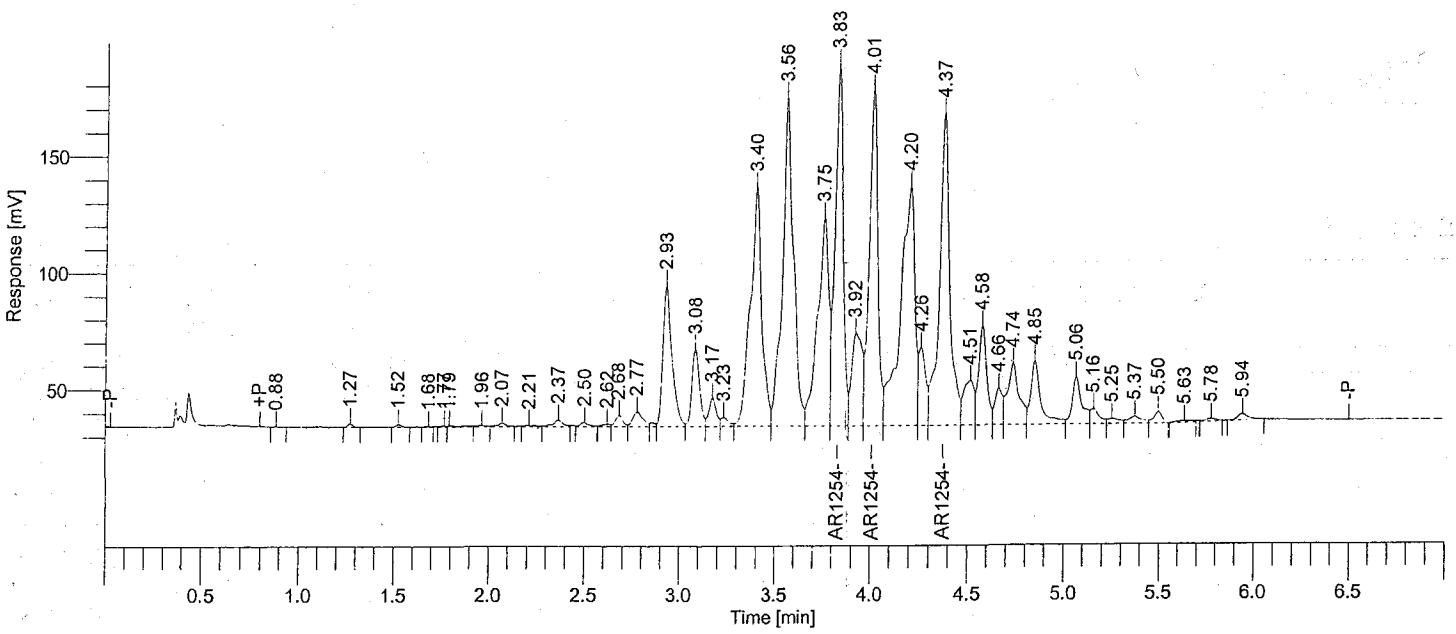
12/01/2005 07:53:03 Result: H:\TURBO6\5890-14\14a26034.rst

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
22	3.83	VV	400546	AR1254-A	0.5000	0.1667	3
24	4.01	VV	392180	AR1254-B	0.5000	0.1667	3
28	4.38	VV	412429	AR1254-C	0.5000	0.1667	3
			1205155			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 07:53:09
Reprocess Number	: buf2042: 83293		
Operator	: tchrom	Sample Name	: ACM54RA
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: A
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 00:16:08	Cycle	: 10

Raw Data File : H:\TURBO6\5890-14\14a26035.raw <Modified>
Result File : H:\TURBO6\5890-14\14a26035.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14a26035.raw
Proc Method : h:\turbo6\5890-14\naproc-9-20.mth from H:\TURBO6\5890-14\14a26035.rst
Calib Method : h:\turbo6\5890-14\na54(11-30-05).mth from H:\TURBO6\5890-14\14a26035.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-14\14D26.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.83		1383694	AR1254	0.5741	2.4103e+06	2.7674e+06	-4.3
		1383694		0.5741		2.7674e+06	

DEC 1 2005

12/01/2005 07:53:09 Result: H:\TURBO6\5890-14\14a26035.rst

Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.83	VV	447124	AR1254-A	0.5581	8.0109e+05	8.9425e+05	-7.0
4.01	VV	446445	AR1254-B	0.5692	7.8436e+05	8.9289e+05	-5.1
4.37	VV	490124	AR1254-C	0.5942	8.2486e+05	9.8025e+05	-1.0
		1383694		1.7215		2.7674e+06	

TotalChrom Method File H:\TURBO6\5890-14\NB66(11-30-05).mth
Printed by : RudzG on: 12/01/2005 15:24:48
Created by : WilkesD on: 11/30/2005 15:24:21
Edited by : RudzG on: 12/01/2005 15:23:06
Number of Times Edited : 7
Number of Times Calibrated : 317
Description: NEW 7 PT AR 1016/1260 CURVE FOR INST. #14 11/30/05

Global Sample Information
Default Sample Volume : 1.000 uL
Quantitation Units : ng
Void Time : 0.000 min
Correct amounts during calibration : Yes
Convert unknowns to concentration units : Yes
Reject outliers during calibration : No

An External Standard calibration will be used
Unknown peaks will be quantitated using a response factor of 1.000000e+06
First peak will be relative retention reference

Processed by: GR 12 V 05
Reviewed by: DEC 1 2005

Component Information
TMX
Component Type : Single Peak Component
Retention Time : 1.603 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.030000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	27605.00	14812.91	----------	----------	1
B	0.0100	68382.29	37466.50	----------	----------	1
C	0.0200	110292.87	61060.87	----------	----------	1
D	0.0300	163150.41	90093.79	----------	----------	1
E	0.0400	213543.68	118856.35	----------	----------	1
F	0.0500	260055.44	143810.07	----------	----------	1

Calibration Curve : y = (9906.285735) + (5055432.170981)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.996613

AR1016-A
Component Type : Single Peak Component
Retention Time : 2.267 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
H	0.0250	9543.38	4229.33	----------	----------	1
a	0.0500	19065.84	8146.50	----------	----------	1
b	0.1000	36499.12	15510.61	----------	----------	1
c	0.2500	80199.57	32944.79	----------	----------	1
d	0.5000	145176.27	59524.07	----------	----------	1
e	1.0000	266478.10	109944.28	----------	----------	1
f	2.5000	562714.88	232508.99	----------	----------	1

Average Calibration Factor = 318679.748083 (%RSD = 19.15)

12/01/2005 15:24:48 Method: H:\TURBO6\5890-14\NB66(11-30-05).mth

AR1016-B
Component Type : Single Peak Component
Retention Time : 2.552 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
H	0.0250	15143.07	5772.26			1
a	0.0500	28709.43	11319.77			1
b	0.1000	53490.90	22454.54			1
c	0.2500	120688.14	50934.63			1
d	0.5000	225491.61	95459.80			1
e	1.0000	431751.07	184154.51			1
f	2.5000	939068.96	398975.70			1

Average Calibration Factor = 493705.003150 (%RSD = 16.63)

AR1016
Component Type : Named Group
Group Members
AR1016-A
AR1016-B
AR1016-C
Use Average Calibration Factor (Area / Amount)
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.600000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
H	0.0250	30730.45	12376.36			1
a	0.0500	60171.58	24254.15			1
b	0.1000	114616.50	47380.22			1
c	0.2500	256669.86	105017.15			1
d	0.5000	474749.25	194381.97			1
e	1.0000	894455.30	369995.14			1
f	2.5000	1929418.22	796493.81			1

Average Calibration Factor = 1.031602e+06 (%RSD = 16.55)

AR1016-C
Component Type : Single Peak Component
Retention Time : 2.658 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
H	0.0250	6044.00	2374.77			1
a	0.0500	12396.30	4787.88			1
b	0.1000	24626.48	9415.08			1
c	0.2500	55782.15	21137.73			1
d	0.5000	104081.38	39398.11			1
e	1.0000	196226.12	75896.35			1
f	2.5000	427634.38	165009.12			1

12/01/2005 15:24:48 Method: H:\TURBO6\5890-14\NB66(11-30-05).mth

Average Calibration Factor = 219217.422145 (%RSD = 13.23)

AR1260-A
Component Type : Single Peak Component
Retention Time : 4.652 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
H	0.0250	15641.94	6108.21			1
a	0.0500	31301.03	11948.19			1
b	0.1000	62188.51	23259.39			1
c	0.2500	136506.67	51325.95			1
d	0.5000	270109.82	96128.15			1
e	1.0000	508613.39	188130.30			1
f	2.5000	1124735.48	414323.04			1

Average Calibration Factor = 559762.500374 (%RSD = 12.17)

AR1260
Component Type : Named Group
Group Members
AR1260-A
AR1260-B
AR1260-C
Use Average Calibration Factor (Area / Amount)
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.600000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
H	0.0250	33551.34	11428.41			1
a	0.0500	67145.61	22645.32			1
b	0.1000	129581.75	43557.98			1
c	0.2500	286964.58	96833.05			1
d	0.5000	566042.00	182687.71			1
e	1.0000	1088763.82	358248.49			1
f	2.5000	2415372.46	788970.67			1

Average Calibration Factor = 1.187948e+06 (%RSD = 12.06)

AR1260-B
Component Type : Single Peak Component
Retention Time : 4.950 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

12/01/2005 15:24:48 Method: H:\TURBO6\5890-14\NB66(11-30-05).mth

Calibration Level Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
H	0.0250	15363.97	4118.55	———	———	1
a	0.0500	28762.93	7857.83	———	———	1
b	0.1000	53822.02	14839.35	———	———	1
c	0.2500	119005.80	33144.37	———	———	1
d	0.5000	231052.41	62881.13	———	———	1
e	1.0000	455541.03	123209.95	———	———	1
f	2.5000	1007346.71	269381.74	———	———	1

Average Calibration Factor = 503520.796956 (%RSD = 14.86)

AR1260-C
Component Type : Single Peak Component
Retention Time : 5.312 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
H	0.0250	2545.42	1201.65	———	———	1
a	0.0500	7081.65	2839.30	———	———	1
b	0.1000	13571.22	5459.24	———	———	1
c	0.2500	31452.11	12362.73	———	———	1
d	0.5000	64879.76	23678.44	———	———	1
e	1.0000	124609.39	46908.24	———	———	1
f	2.5000	283290.27	105265.89	———	———	1

Average Calibration Factor = 124665.062394 (%RSD = 10.80)

DCBP
Component Type : Single Peak Component
Retention Time : 5.786 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

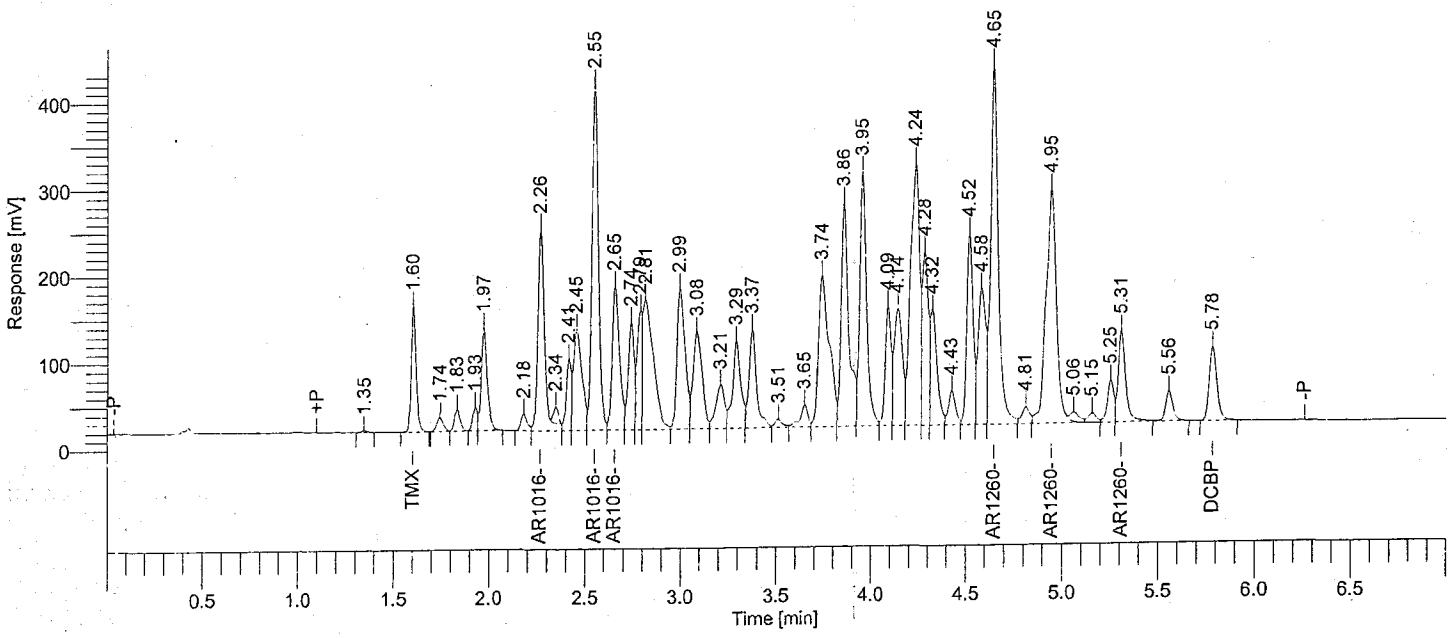
User Values
Label :
Value 1 : 0.030000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000
Value 6 : 0.010000
Value 7 : 1.000000

Calibration Level Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	31617.78	11361.62	———	———	1
B	0.0100	70813.36	25217.38	———	———	1
C	0.0200	110048.06	38895.61	———	———	1
D	0.0300	155250.99	53883.94	———	———	1
E	0.0400	200621.32	70447.47	———	———	1
F	0.0500	239790.77	84773.46	———	———	1

Calibration Curve : y = (18128.756027) + (4512062.964710)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.994700

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 07:53:17
Reprocess Number	: buf2042: 83296		
Operator	: tchrom	Sample Name	: ICM66MI
Sample Number	: 2.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: B
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 00:33:56	Cycle	: 11

Raw Data File : H:\TURBO6\5890-14\14b26036.raw <Modified>
Result File : H:\TURBO6\5890-14\14b26036.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14b26036.raw
Proc Method : h:\turbo6\5890-14\nbproc-9-20.mth from H:\TURBO6\5890-14\14b26036.rst
Calib Method : h:\turbo6\5890-14\nb66(11-30-05).mth from H:\TURBO6\5890-14\14b26036.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D26.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
2	1.60	BB	260055	TMX	0.0500	-------	0
	2.55		1929418	AR1016	2.5000	0.8333	3
	4.65		2415372	AR1260	2.5000	0.8333	3
43	5.78	BB	239791	DCBP	0.0500	-------	0
			4844637			1.6667	

DEC 1 2005

12/01/2005 07:53:17 Result: H:\TURBO6\5890-14\14b26036.rst

Group Report For : AR1016

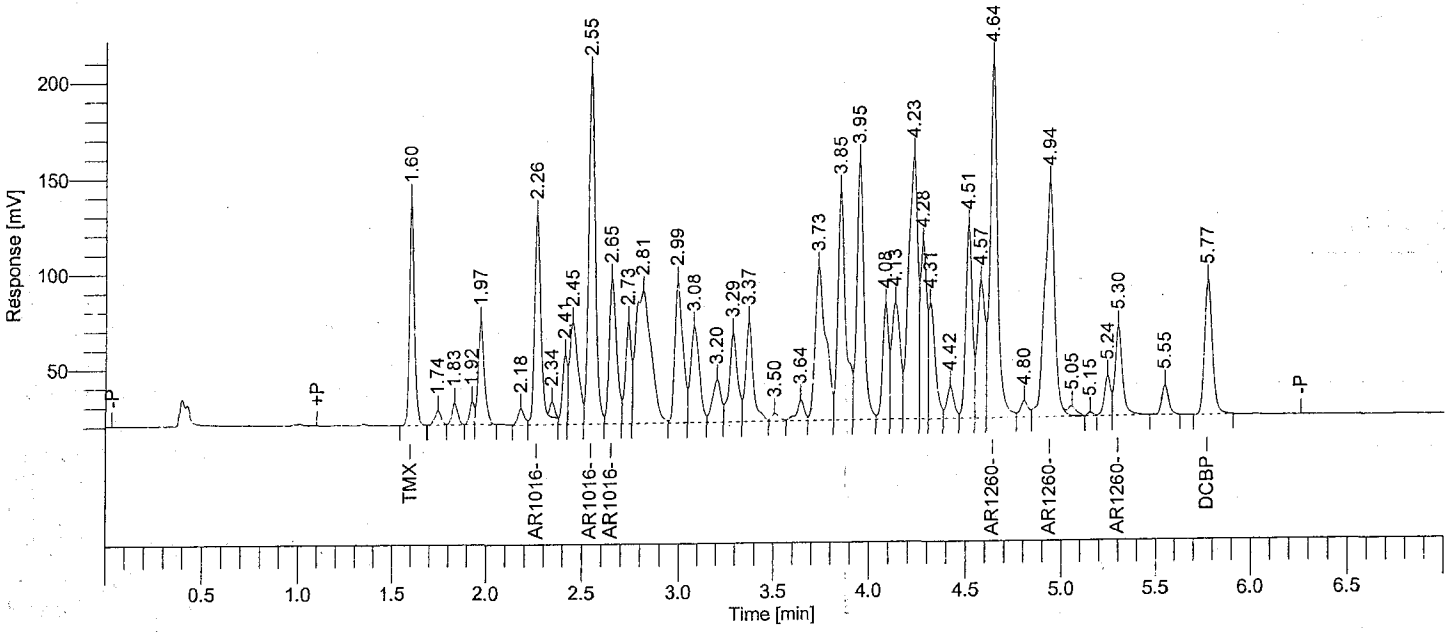
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
8	2.26	VE	562715	AR1016-A	2.5000	0.8333	3
12	2.55	VV	939069	AR1016-B	2.5000	0.8333	3
13	2.65	VV	427634	AR1016-C	2.5000	0.8333	3
			1929418			2.5000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
35	4.65	VV	1124735	AR1260-A	2.5000	0.8333	3
37	4.95	VE	1007347	AR1260-B	2.5000	0.8333	3
41	5.31	VV	283290	AR1260-C	2.5000	0.8333	3
			2415372			2.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 07:53:23
Reprocess Number	: buf2042: 83298		
Operator	: tchrom	Sample Name	: ICM66MD
Sample Number	: 1.0NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: B
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 00:51:41	Cycle	: 12

Raw Data File : H:\TURBO6\5890-14\14b26037.raw <Modified>
Result File : H:\TURBO6\5890-14\14b26037.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14b26037.raw
Proc Method : h:\turbo6\5890-14\nbproc-9-20.mth from H:\TURBO6\5890-14\14b26037.rst
Calib Method : h:\turbo6\5890-14\nb66(11-30-05).mth from H:\TURBO6\5890-14\14b26037.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D26.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
1	1.60	BB	213544	TMX	0.0400	-------	0
	2.55		894455	AR1016	1.0000	0.3333	3
	4.64		1088764	AR1260	1.0000	0.3333	3
41	5.77	BB	200621	DCBP	0.0400	-------	0
			2397384			0.6667	

DEC 1 2005

12/01/2005 07:53:23 Result: H:\TURBO6\5890-14\14b26037.rst

Group Report For : AR1016

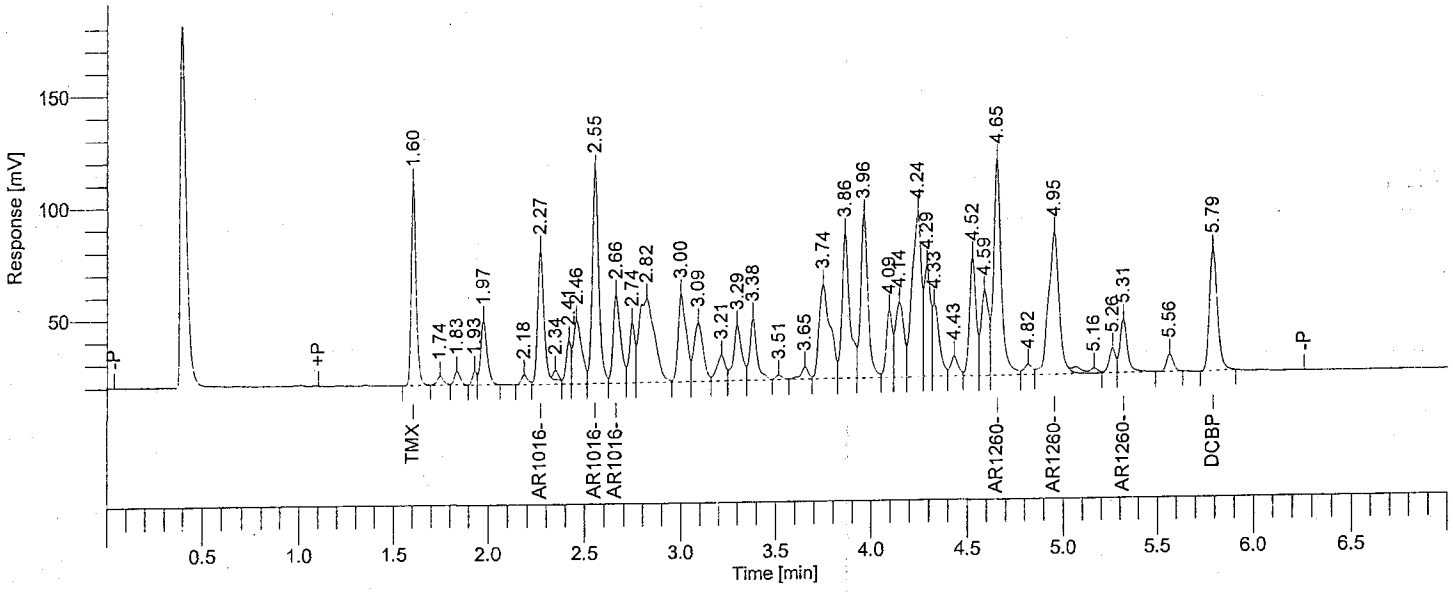
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
7	2.26	VE	266478	AR1016-A	1.0000	0.3333	3
11	2.55	VV	431751	AR1016-B	1.0000	0.3333	3
12	2.65	VV	196226	AR1016-C	1.0000	0.3333	3
			894455			1.0000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
33	4.64	VV	508613	AR1260-A	1.0000	0.3333	3
35	4.94	VE	455541	AR1260-B	1.0000	0.3333	3
39	5.30	VV	124609	AR1260-C	1.0000	0.3333	3
			1088764			1.0000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 07:53:29
Reprocess Number	: buf2042: 83300		
Operator	: tchrom	Sample Name	: ICM66MK
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: B
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 01:09:55	Cycle	: 13

Raw Data File : H:\TURBO6\5890-14\14b26038.raw <Modified>
Result File : H:\TURBO6\5890-14\14b26038.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14b26038.raw
Proc Method : h:\turbo6\5890-14\nbproc-9-20.mth from H:\TURBO6\5890-14\14b26038.rst
Calib Method : h:\turbo6\5890-14\nb66(11-30-05).mth from H:\TURBO6\5890-14\14b26038.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D26.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
1	1.60	BV	163150	TMX	0.0300	-------	0
	2.55		474749	AR1016	0.5000	0.1667	3
	4.65		566042	AR1260	0.5000	0.1667	3
40	5.79	BB	155251	DCBP	0.0300	-------	0
			1359193			0.3333	

DEC 1 2005

12/01/2005 07:53:29 Result: H:\TURBO6\5890-14\14b26038.rst

Group Report For : AR1016

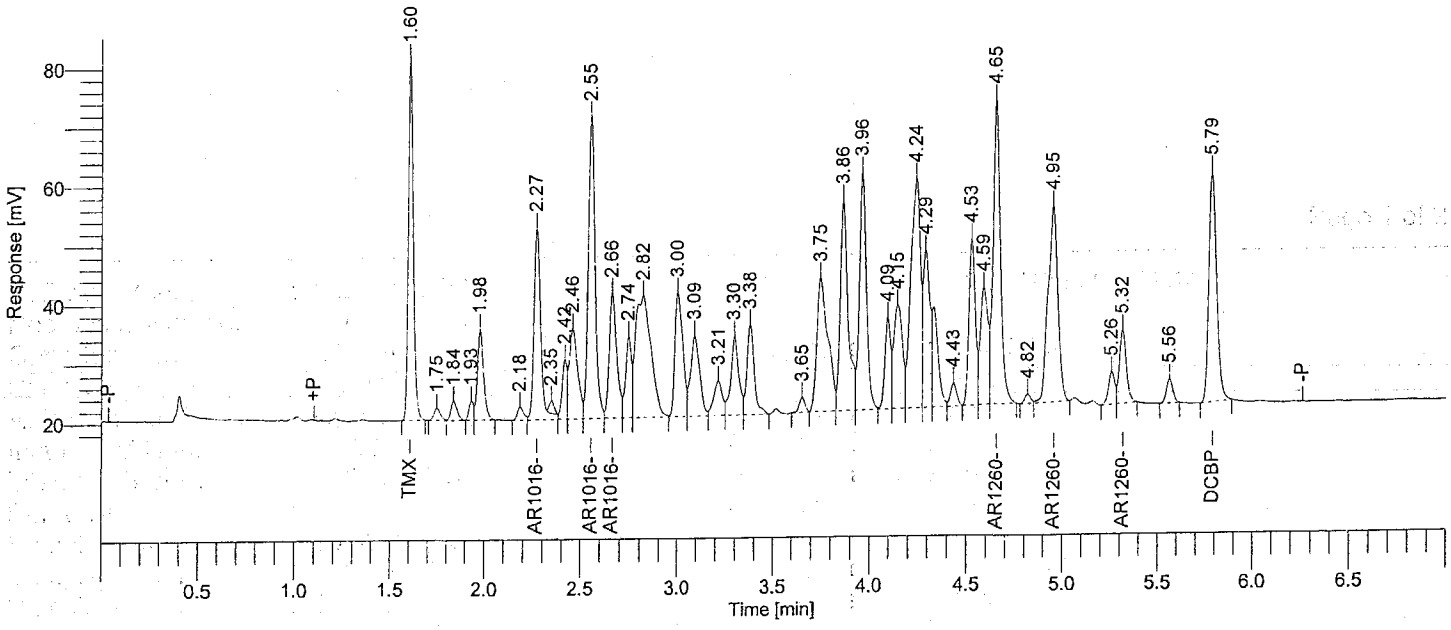
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
7	2.27	VE	145176	AR1016-A	0.5000	0.1667	3
11	2.55	VV	225492	AR1016-B	0.5000	0.1667	3
12	2.66	VV	104081	AR1016-C	0.5000	0.1667	3
			474749			0.5000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
33	4.65	VV	270110	AR1260-A	0.5000	0.1667	3
35	4.95	VE	231052	AR1260-B	0.5000	0.1667	3
38	5.31	VV	64880	AR1260-C	0.5000	0.1667	3
			566042			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 07:53:34
Reprocess Number	: buf2042: 83302		
Operator	: tchrom	Sample Name	: ICM66ML
Sample Number	: 0.25NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: B
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 01:27:39	Cycle	: 14

Raw Data File : H:\TURBO6\5890-14\14b26039.raw <Modified>
Result File : H:\TURBO6\5890-14\14b26039.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14b26039.raw
Proc Method : h:\turbo6\5890-14\nbproc-9-20.mth from H:\TURBO6\5890-14\14b26039.rst
Calib Method : h:\turbo6\5890-14\nb66(11-30-05).mth from H:\TURBO6\5890-14\14b26039.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D26.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
1	1.60	BB	110293	TMX	0.0200	-------	0
	2.55		256670	AR1016	0.2500	0.0833	3
	4.65		286965	AR1260	0.2500	0.0833	3
37	5.79	BB	110048	DCBP	0.0200	-------	0
			763975			0.1667	

DEC 1 2005

12/01/2005 07:53:34 Result: H:\TURBO6\5890-14\14b26039.rst

Group Report For : AR1016

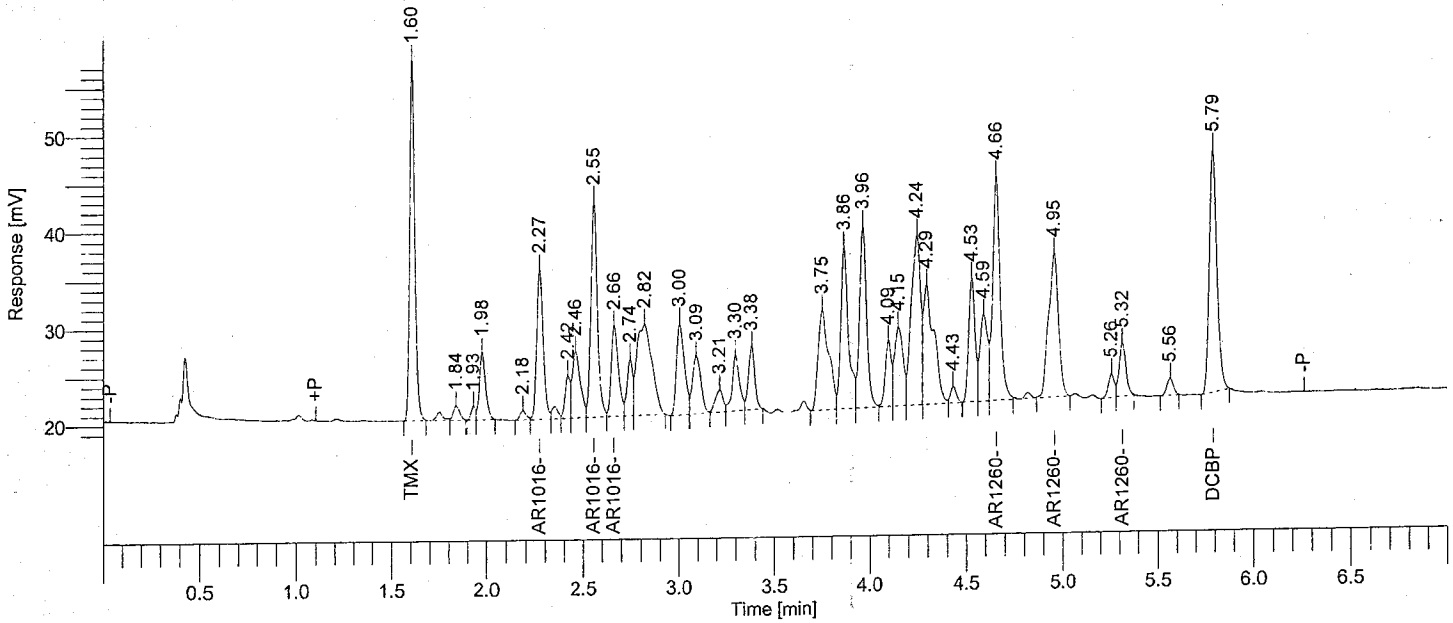
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
7	2.27	VE	80200	AR1016-A	0.2500	0.0833	3
11	2.55	VV	120688	AR1016-B	0.2500	0.0833	3
12	2.66	VV	55782	AR1016-C	0.2500	0.0833	3
			256670			0.2500	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
31	4.65	VB	136507	AR1260-A	0.2500	0.0833	3
33	4.95	VB	119006	AR1260-B	0.2500	0.0833	3
35	5.32	VB	31452	AR1260-C	0.2500	0.0833	3
			286965			0.2500	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 07:53:39
Reprocess Number	: buf2042: 83304		
Operator	: tchrom	Sample Name	: ICM66MF
Sample Number	: 0.1NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: B
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 01:45:28	Cycle	: 15

Raw Data File : H:\TURBO6\5890-14\14b26040.raw <Modified>
Result File : H:\TURBO6\5890-14\14b26040.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14b26040.raw
Proc Method : h:\turbo6\5890-14\nbproc-9-20.mth from H:\TURBO6\5890-14\14b26040.rst
Calib Method : h:\turbo6\5890-14\nb66(11-30-05).mth from H:\TURBO6\5890-14\14b26040.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D26.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
1	1.60	BV	68382	TMX	0.0100	-------	0
	2.55		114617	AR1016	0.1000	0.0333	3
	4.66		129582	AR1260	0.1000	0.0333	3
33	5.79	BB	70813	DCBP	0.0100	-------	0
			383394			0.0667	

DEC 1 2005

12/01/2005 07:53:39 Result: H:\TURBO6\5890-14\14b26040.rst

Group Report For : AR1016

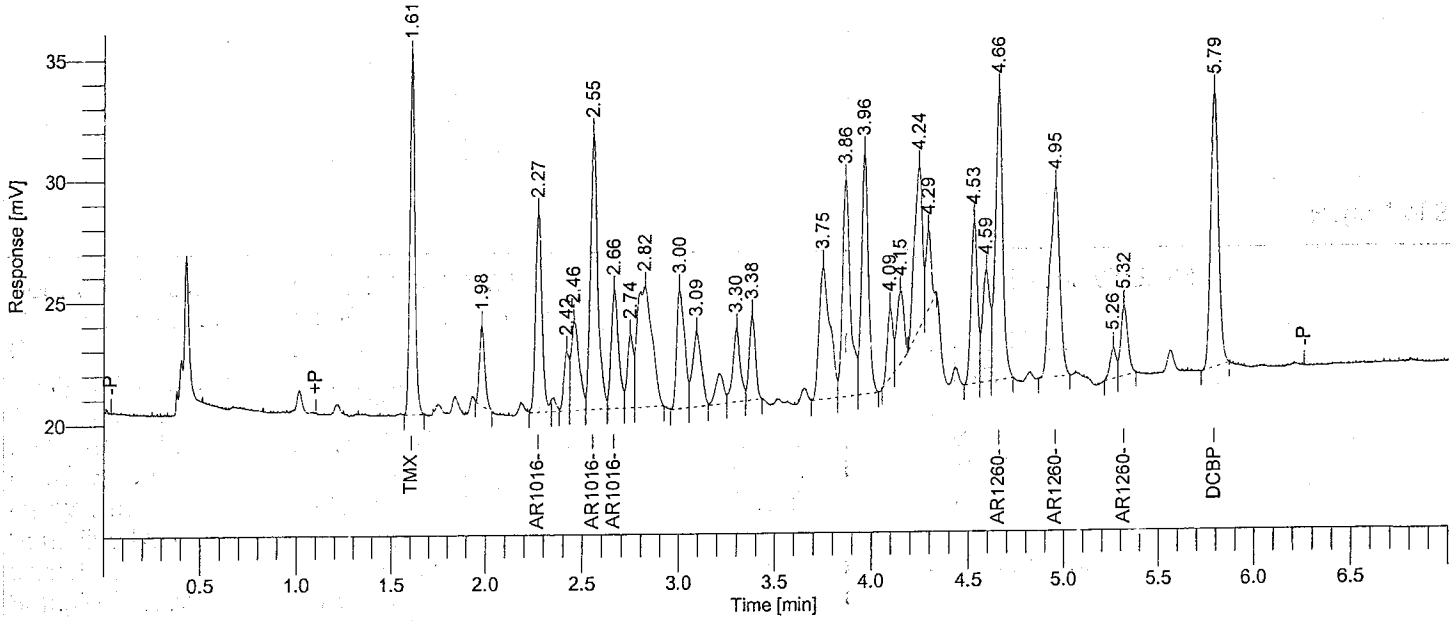
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
6	2.27	VV	36499	AR1016-A	0.1000	0.0333	3
9	2.55	VV	53491	AR1016-B	0.1000	0.0333	3
10	2.66	VV	24626	AR1016-C	0.1000	0.0333	3
			114617			0.1000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
28	4.66	VV	62189	AR1260-A	0.1000	0.0333	3
29	4.95	VB	53822	AR1260-B	0.1000	0.0333	3
31	5.32	VB	13571	AR1260-C	0.1000	0.0333	3
			129582			0.1000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 07:53:44
Reprocess Number	: buf2042: 83306		
Operator	: tchrom	Sample Name	: ICM66MG
Sample Number	: 0.05NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: B
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 02:03:16	Cycle	: 16

Raw Data File : H:\TURBO6\5890-14\14b26041.raw <Modified>
Result File : H:\TURBO6\5890-14\14b26041.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14b26041.raw
Proc Method : h:\turbo6\5890-14\nbproc-9-20.mth from H:\TURBO6\5890-14\14b26041.rst
Calib Method : h:\turbo6\5890-14\nb66(11-30-05).mth from H:\TURBO6\5890-14\14b26041.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D26.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
1	1.61	BB	27605	TMX	0.0050	-------	0
	2.55		60172	AR1016	0.0500	0.0167	3
	4.66		67146	AR1260	0.0500	0.0167	3
27	5.79	BB	31618	DCBP	0.0050	-------	0
			186540			0.0333	

DEC 1 2005

12/01/2005 07:53:44 Result: H:\TURBO6\5890-14\14b26041.rst

Group Report For : AR1016

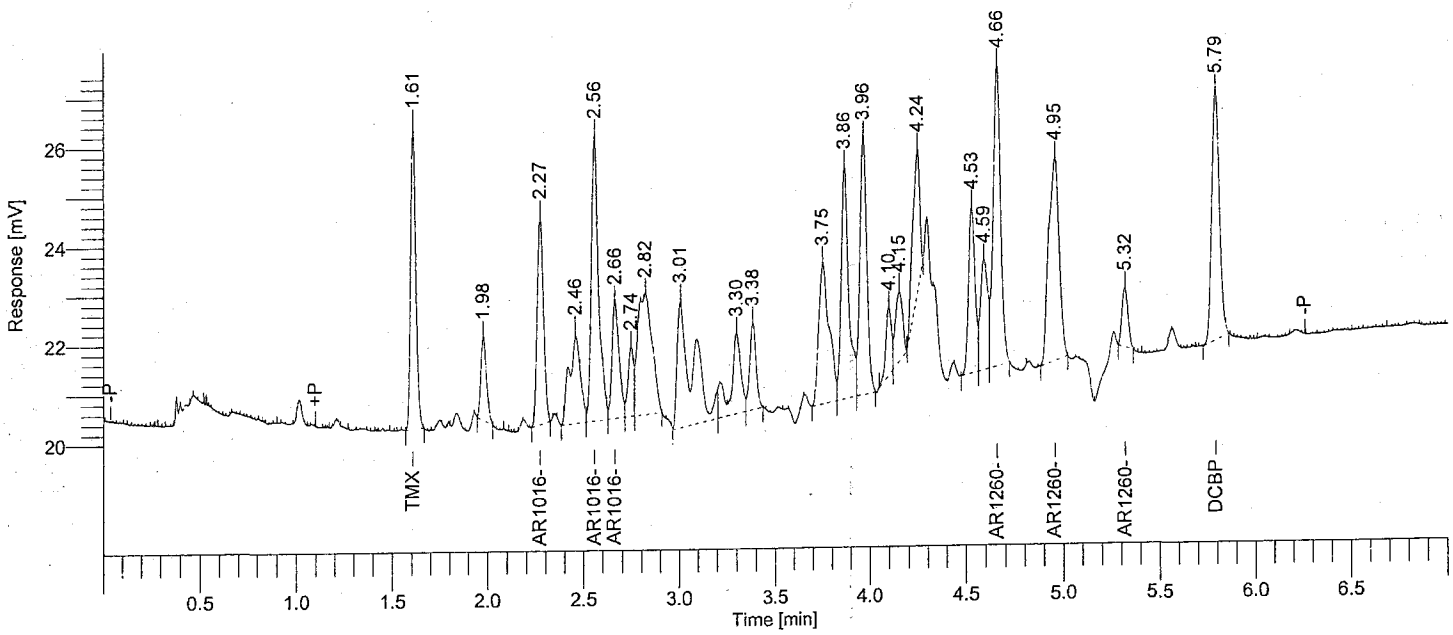
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
3	2.27	BV	19066	AR1016-A	0.0500	0.0167	3
6	2.55	VV	28709	AR1016-B	0.0500	0.0167	3
7	2.66	VV	12396	AR1016-C	0.0500	0.0167	3
			60172			0.0500	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
23	4.66	VB	31301	AR1260-A	0.0500	0.0167	3
24	4.95	BB	28763	AR1260-B	0.0500	0.0167	3
26	5.32	VB	7082	AR1260-C	0.0500	0.0167	3
			67146			0.0500	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 07:53:49
Reprocess Number	: buf2042: 83308		
Operator	: tchrom	Sample Name	: ICM66ML
Sample Number	: 0.025NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: B
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 02:21:06	Cycle	: 17

Raw Data File : H:\TURBO6\5890-14\14b26042.raw <Modified>
Result File : H:\TURBO6\5890-14\14b26042.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14b26042.raw
Proc Method : h:\turbo6\5890-14\nbproc-9-20.mth from H:\TURBO6\5890-14\14b26042.rst
Calib Method : h:\turbo6\5890-14\nb66(11-30-05).mth from H:\TURBO6\5890-14\14b26042.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D26.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
1	1.61	BB	11550	TMX	0.0030	-------	0
	2.56		30730	AR1016	0.0250	0.0083	3
	4.66		33551	AR1260	0.0250	0.0083	3
23	5.79	BB	13884	DCBP	0.0027	-------	0
			89716			0.0167	

DEC 1 2005

12/01/2005 07:53:49 Result: H:\TURBO6\5890-14\14b26042.rst

Group Report For : AR1016

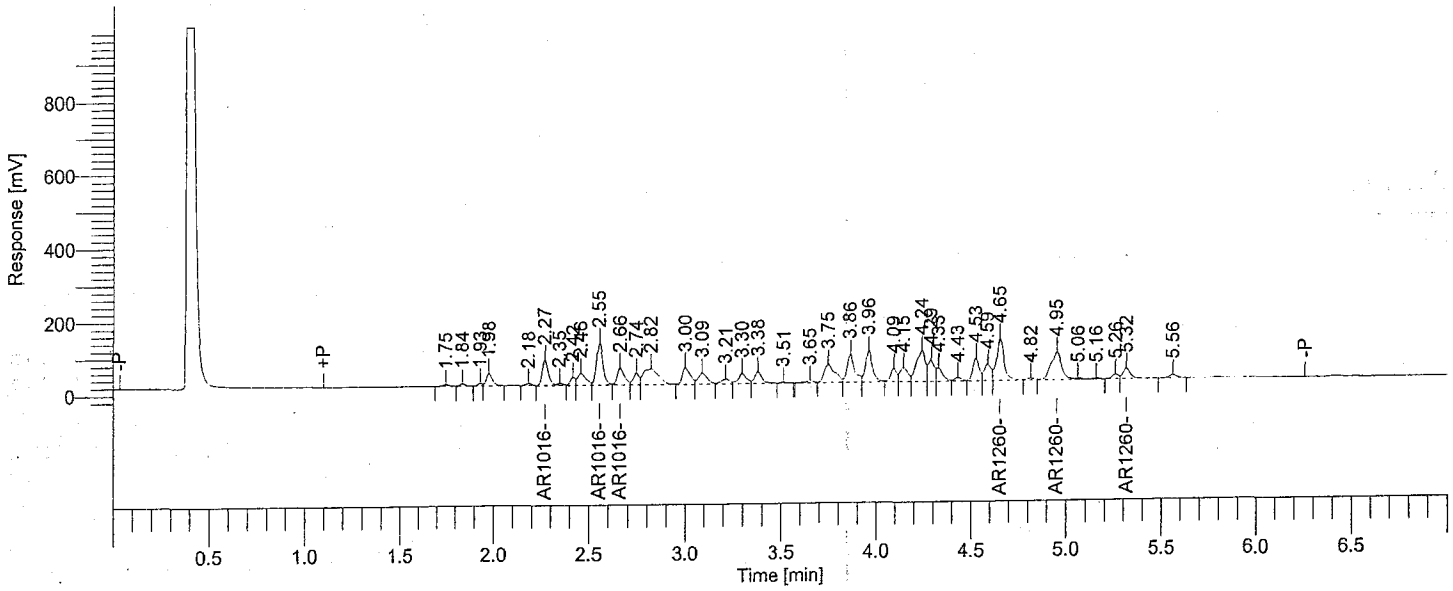
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
3	2.27	BB	9543	AR1016-A	0.0250	0.0083	3
5	2.56	VV	15143	AR1016-B	0.0250	0.0083	3
6	2.66	VV	6044	AR1016-C	0.0250	0.0083	3
			30730			0.0250	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
20	4.66	VB	15642	AR1260-A	0.0250	0.0083	3
21	4.95	BB	15364	AR1260-B	0.0250	0.0083	3
22	5.32	BB	2545	AR1260-C	0.0250	0.0083	3
			33551			0.0250	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 08:06:34
Reprocess Number	: buf2042: 83310		
Operator	: tchrom	Sample Name	: ACM66EB
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: B
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 02:38:54	Cycle	: 1

Raw Data File : H:\TURBO6\5890-14\14b26043.raw <Modified>
Result File : H:\TURBO6\5890-14\14b26043.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14b26043.raw
Proc Method : h:\turbo6\5890-14\nbproc-9-20.mth from H:\TURBO6\5890-14\14b26043.rst
Calib Method : h:\turbo6\5890-14\nb66(11-30-05).mth from H:\TURBO6\5890-14\14b26043.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-14\14D26.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.55		565845	AR1016	0.6695	8.4519e+05	1.1317e+06	11.6
4.65		686231	AR1260	0.6642	1.0331e+06	1.3725e+06	10.7
		1252077		1.3337		2.5042e+06	

DEC 1 2005

12/01/2005 08:06:34 Result: H:\TURBO6\5890-14\14b26043.rst

Group Report For : AR1016

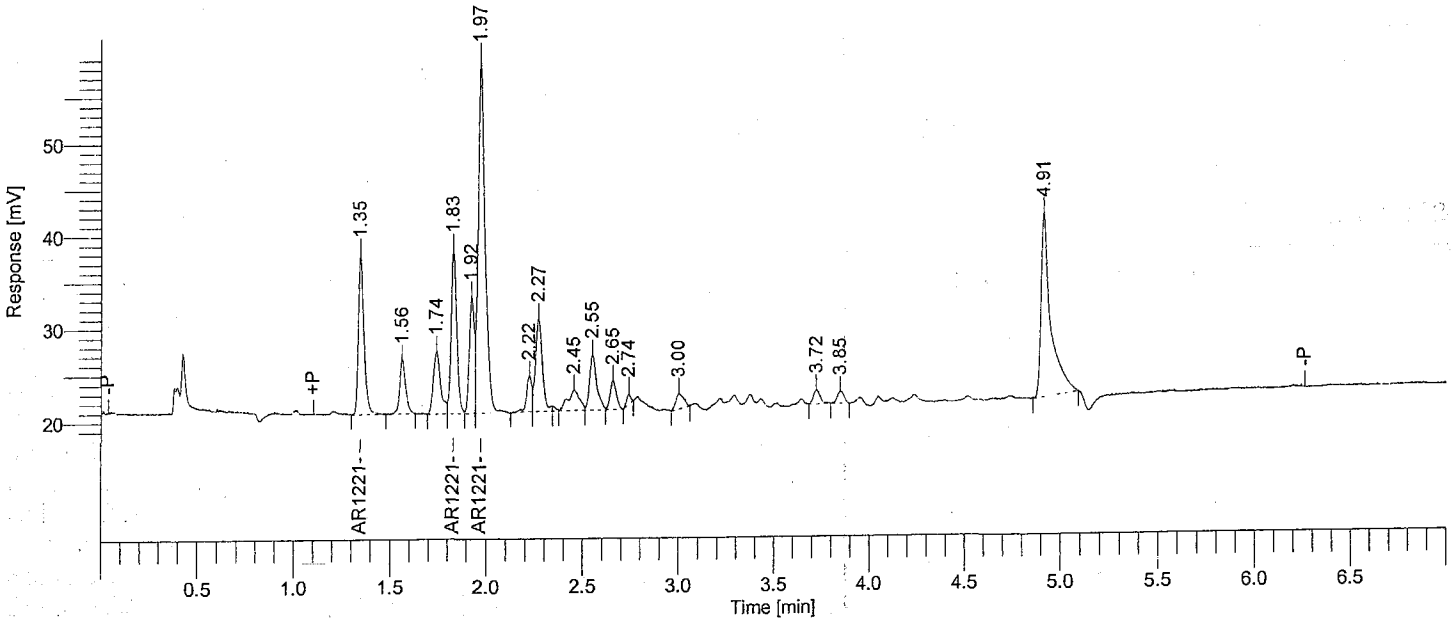
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.27	VE	170575	AR1016-A	0.6799	2.5089e+05	3.4115e+05	13.3
2.55	VV	270632	AR1016-B	0.6628	4.0831e+05	5.4126e+05	10.5
2.66	VV	124638	AR1016-C	0.6705	1.8588e+05	2.4928e+05	11.8
		565845		2.0132		1.1317e+06	

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
4.65	VV	316254	AR1260-A	0.6528	4.8447e+05	6.3251e+05	8.8
4.95	VE	292917	AR1260-B	0.6818	4.2963e+05	5.8583e+05	13.6
5.32	VV	77060	AR1260-C	0.6473	1.1906e+05	1.5412e+05	7.9
		686231		1.9818		1.3725e+06	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 07:52:13
Reprocess Number	: buf2042: 83276		
Operator	: tchrom	Sample Name	: ICM21RA
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: B
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 21:36:10	Cycle	: 1

Raw Data File : H:\TURBO6\5890-14\14b26026.raw <Modified>
Result File : H:\TURBO6\5890-14\14b26026.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14b26026.raw
Proc Method : h:\turbo6\5890-14\nbproc-9-20.mth from H:\TURBO6\5890-14\14b26026.rst
Calib Method : h:\turbo6\5890-14\nb21(11-30-05).mth from H:\TURBO6\5890-14\14b26026.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D26.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	1.97		162036	AR1221	0.5000	0.1667	3
			162036			0.1667	

Processed by: GM 12/1/05

Reviewed by: [illegible] DEC 11 2005

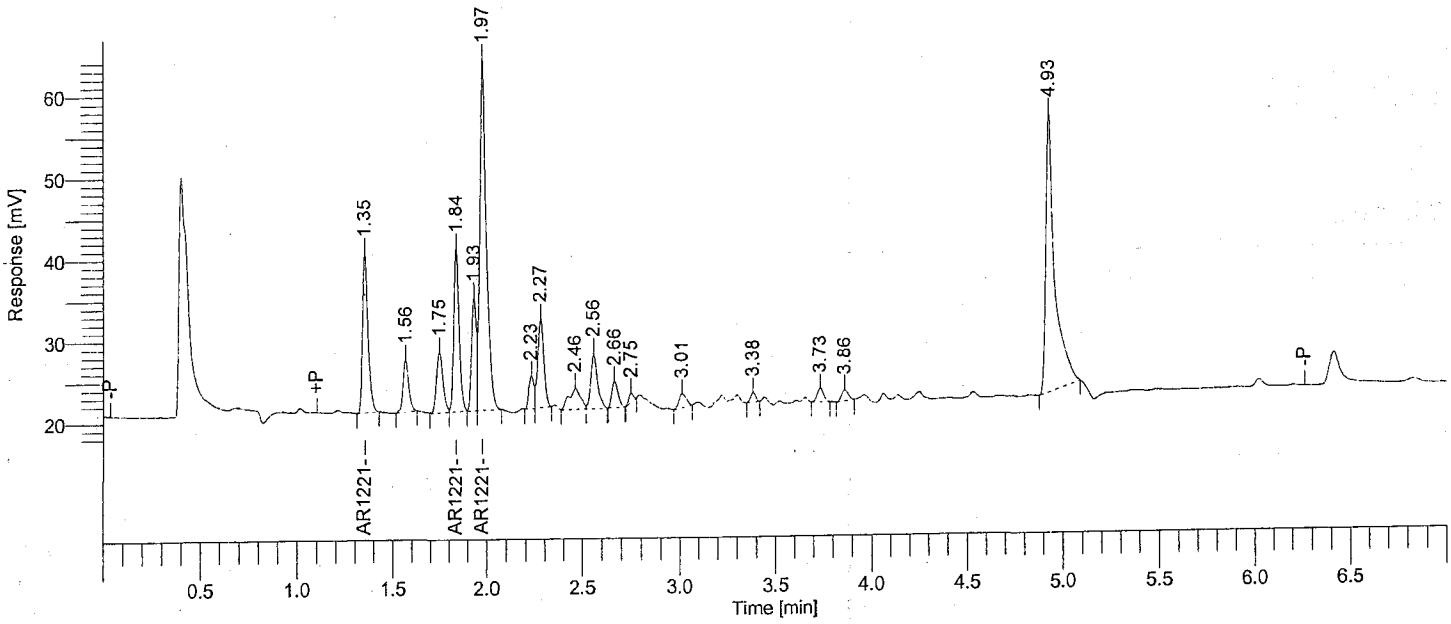
12/01/2005 07:52:13 Result: H:\TURBO6\5890-14\14b26026.rst

Group Report For : AR1221

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
1	1.35	BV	35243	AR1221-A	0.5000	0.1667	3
4	1.83	VV	35741	AR1221-B	0.5000	0.1667	3
6	1.97	VV	91052	AR1221-C	0.5000	0.1667	3
			162036			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 07:52:20
Reprocess Number	: buf2042: 83278		
Operator	: tchrom	Sample Name	: ACM21PA
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: B
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 21:53:53	Cycle	: 2

Raw Data File : H:\TURBO6\5890-14\14b26027.raw <Modified>
Result File : H:\TURBO6\5890-14\14b26027.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14b26027.raw
Proc Method : h:\turbo6\5890-14\nbproc-9-20.mth from H:\TURBO6\5890-14\14b26027.rst
Calib Method : h:\turbo6\5890-14\nb21(11-30-05).mth from H:\TURBO6\5890-14\14b26027.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-14\14D26.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.97		180913	AR1221	0.5583	3.2407e+05	3.6183e+05	-7.0
		180913		0.5583		3.6183e+05	

DEC 1 2005

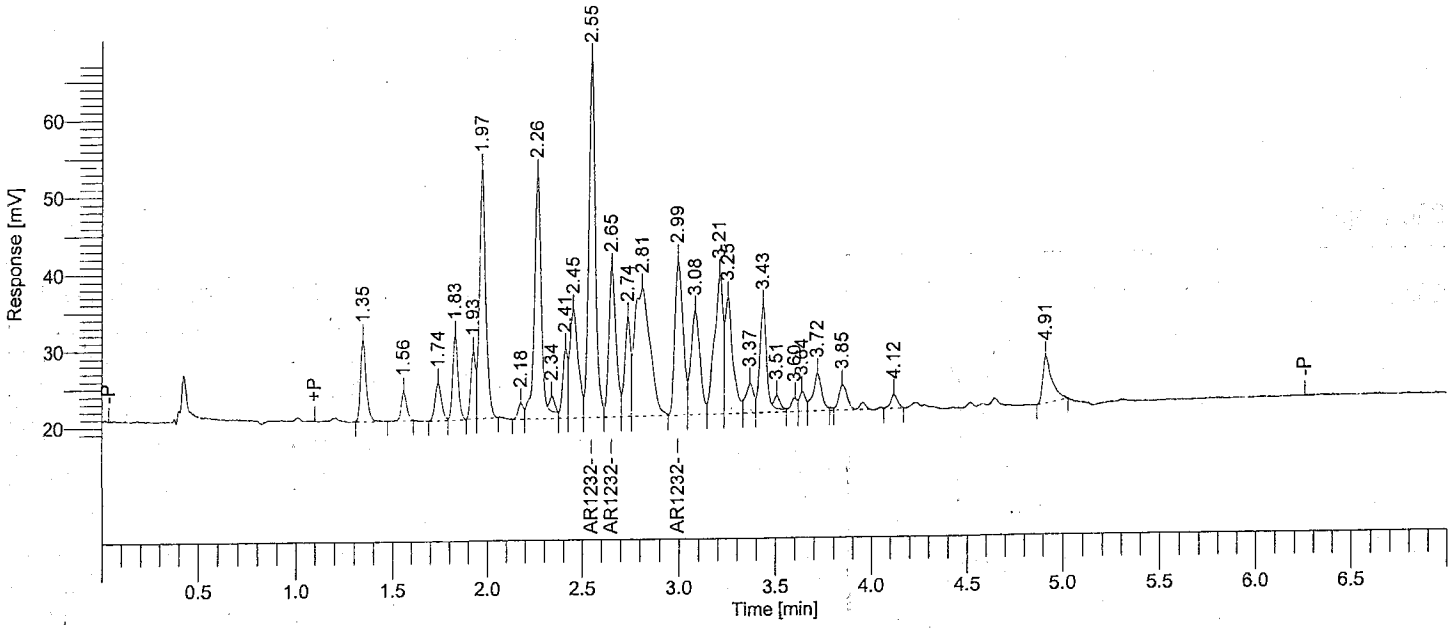
12/01/2005 07:52:20 Result: H:\TURBO6\5890-14\14b26027.rst

Group Report For : AR1221

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.35	BB	39155	AR1221-A	0.5555	70485.9326	78310.5724	-7.4
1.84	VV	39615	AR1221-B	0.5542	71481.7197	79229.2445	-7.6
1.97	VB	102144	AR1221-C	0.5609	1.8210e+05	2.0429e+05	-6.5
		180913		1.6706		3.6183e+05	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 07:52:27
Reprocess Number	: buf2042: 83280		
Operator	: tchrom	Sample Name	: ICM32GA
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: B
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 22:11:53	Cycle	: 3

Raw Data File : H:\TURBO6\5890-14\14b26028.raw <Modified>
Result File : H:\TURBO6\5890-14\14b26028.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14b26028.raw
Proc Method : h:\turbo6\5890-14\nbproc-9-20.mth from H:\TURBO6\5890-14\14b26028.rst
Calib Method : h:\turbo6\5890-14\nb32(11-30-05).mth from H:\TURBO6\5890-14\14b26028.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D26.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	2.55		221187	AR1232	0.5000	0.1667	3
			221187			0.1667	

Processed by: GD 12/1/05
Reviewed by: DEC 1 2005

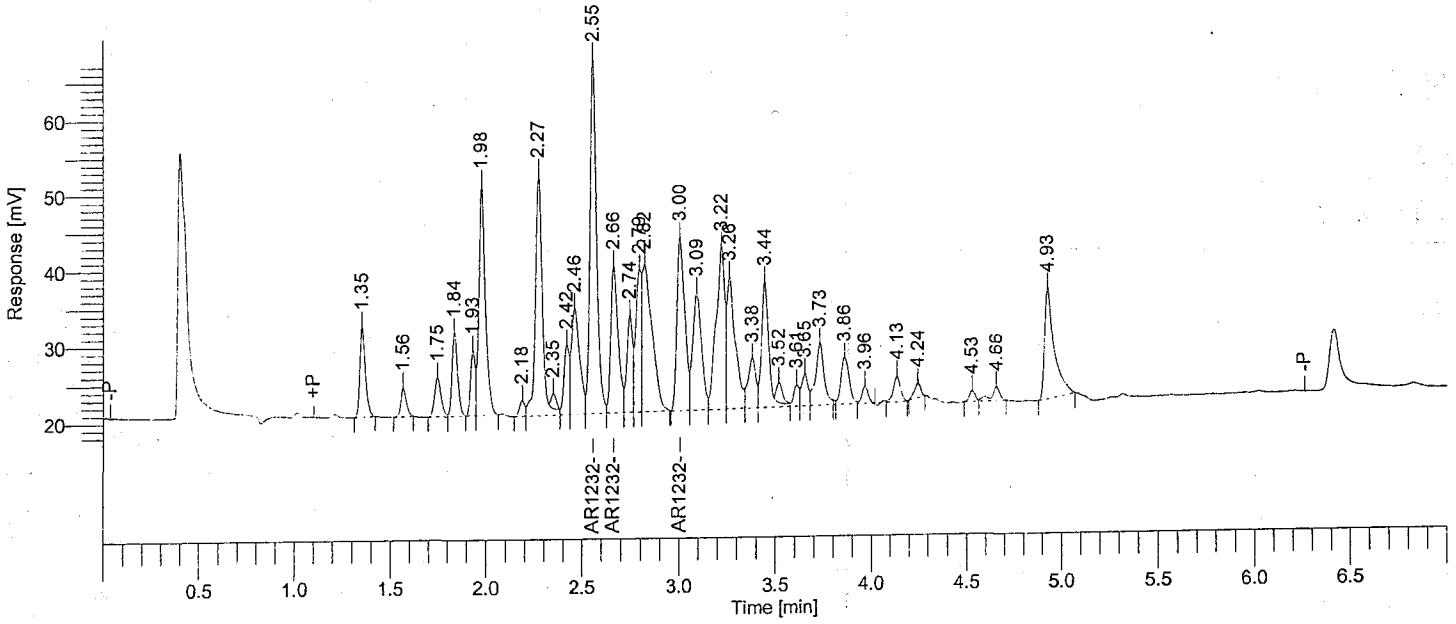
12/01/2005 07:52:27 Result: H:\TURBO6\5890-14\14b26028.rst

Group Report For : AR1232

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
12	2.55	VV	111385	AR1232-A	0.5000	0.1667	3
13	2.65	VV	50956	AR1232-B	0.5000	0.1667	3
16	2.99	VV	58847	AR1232-C	0.5000	0.1667	3
			221187			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 07:52:34
Reprocess Number	: buf2042: 83282		
Operator	: tchrom	Sample Name	: ACM32BB
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: B
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 22:29:35	Cycle	: 4

Raw Data File : H:\TURBO6\5890-14\14b26029.raw <Modified>
Result File : H:\TURBO6\5890-14\14b26029.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14b26029.raw
Proc Method : h:\turbo6\5890-14\nbproc-9-20.mth from H:\TURBO6\5890-14\14b26029.rst
Calib Method : h:\turbo6\5890-14\nb32(11-30-05).mth from H:\TURBO6\5890-14\14b26029.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-14\14D26.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.55		228816	AR1232	0.5172	4.4237e+05	4.5763e+05	-13.8
		228816		0.5172		4.5763e+05	

DEC 1 2005

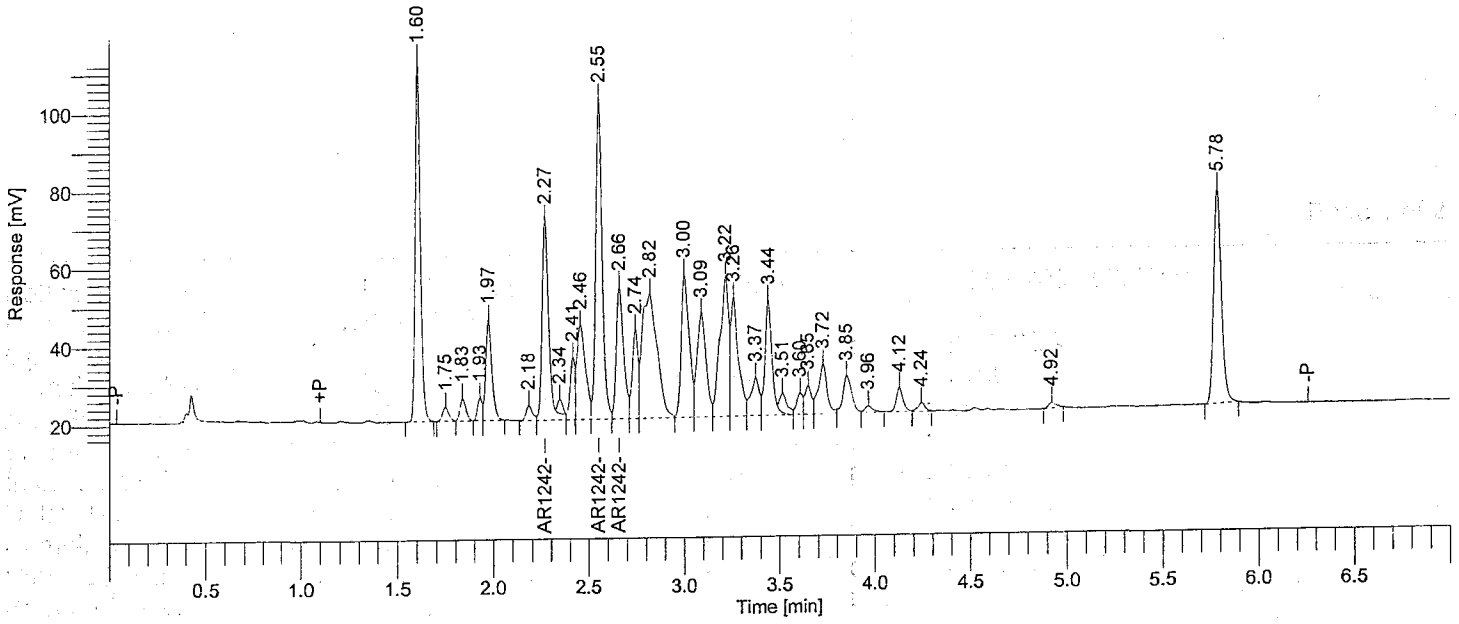
12/01/2005 07:52:34 Result: H:\TURBO6\5890-14\14b26029.rst

Group Report For : AR1232

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.55	VV	111691	AR1232-A	0.5014	2.2277e+05	2.2338e+05	-16.4
2.66	VV	51036	AR1232-B	0.5008	1.0191e+05	1.0207e+05	-16.5
3.00	BV	66089	AR1232-C	0.5615	1.1769e+05	1.3218e+05	-6.4
		228816		1.5637		4.5763e+05	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 07:52:41
Reprocess Number	: buf2042: 83284		
Operator	: tchrom	Sample Name	: ICM42SA
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: B
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 22:47:22	Cycle	: 5

Raw Data File : H:\TURBO6\5890-14\14b26030.raw <Modified>
Result File : H:\TURBO6\5890-14\14b26030.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14b26030.raw
Proc Method : h:\turbo6\5890-14\nbproc-9-20.mth from H:\TURBO6\5890-14\14b26030.rst
Calib Method : h:\turbo6\5890-14\nb42(11-30-05).mth from H:\TURBO6\5890-14\14b26030.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D26.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	2.55		405153	AR1242	0.5000	0.1667	3
			405153			0.1667	

Processed by: GD 12/1/05
Reviewed by: DEC 1 2005

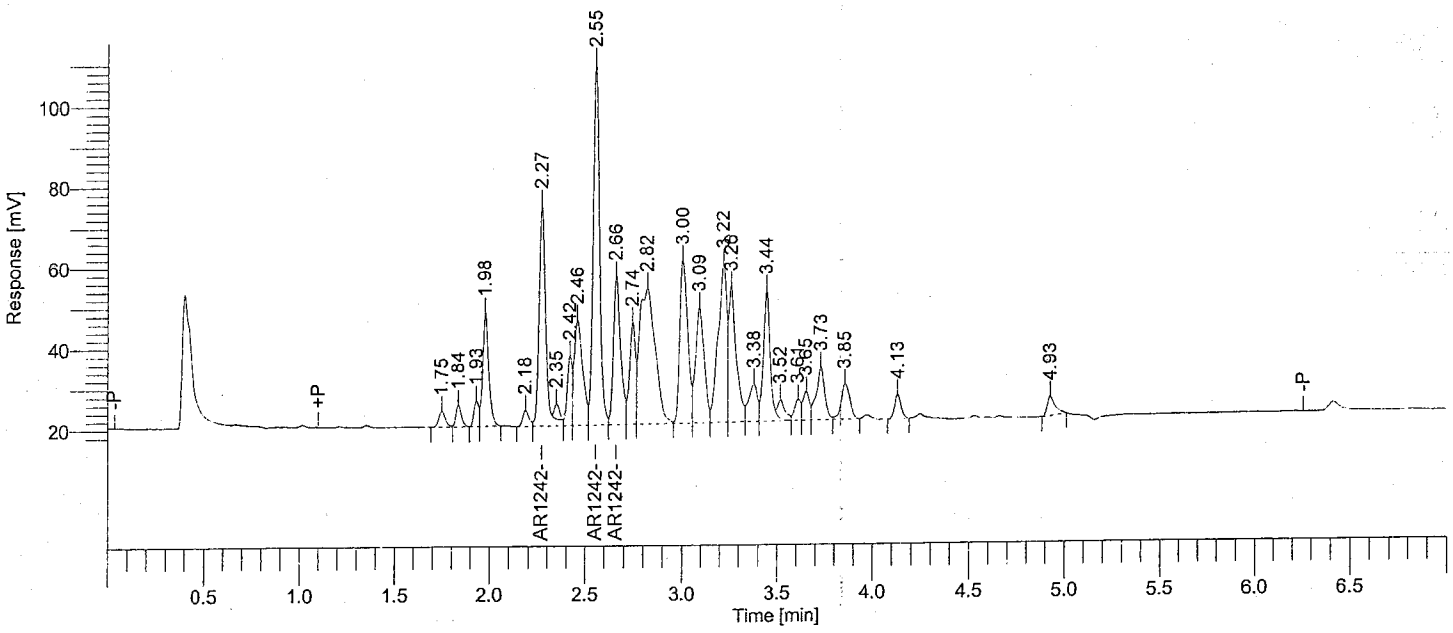
12/01/2005 07:52:41 Result: H:\TURBO6\5890-14\14b26030.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
7	2.27	VE	124464	AR1242-A	0.5000	0.1667	3
11	2.55	VV	192487	AR1242-B	0.5000	0.1667	3
12	2.66	VV	88203	AR1242-C	0.5000	0.1667	3
			405153			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 07:52:47
Reprocess Number	: buf2042: 83286		
Operator	: tchrom	Sample Name	: ACM42OA
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: B
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 23:05:08	Cycle	: 6

Raw Data File : H:\TURBO6\5890-14\14b26031.raw <Modified>
Result File : H:\TURBO6\5890-14\14b26031.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14b26031.raw
Proc Method : h:\turbo6\5890-14\nbproc-9-20.mth from H:\TURBO6\5890-14\14b26031.rst
Calib Method : h:\turbo6\5890-14\nb42(11-30-05).mth from H:\TURBO6\5890-14\14b26031.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-14\14D26.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.55		436374	AR1242	0.5385	8.1031e+05	8.7275e+05	-10.2
		436374		0.5385		8.7275e+05	

g

DEC 1 2005

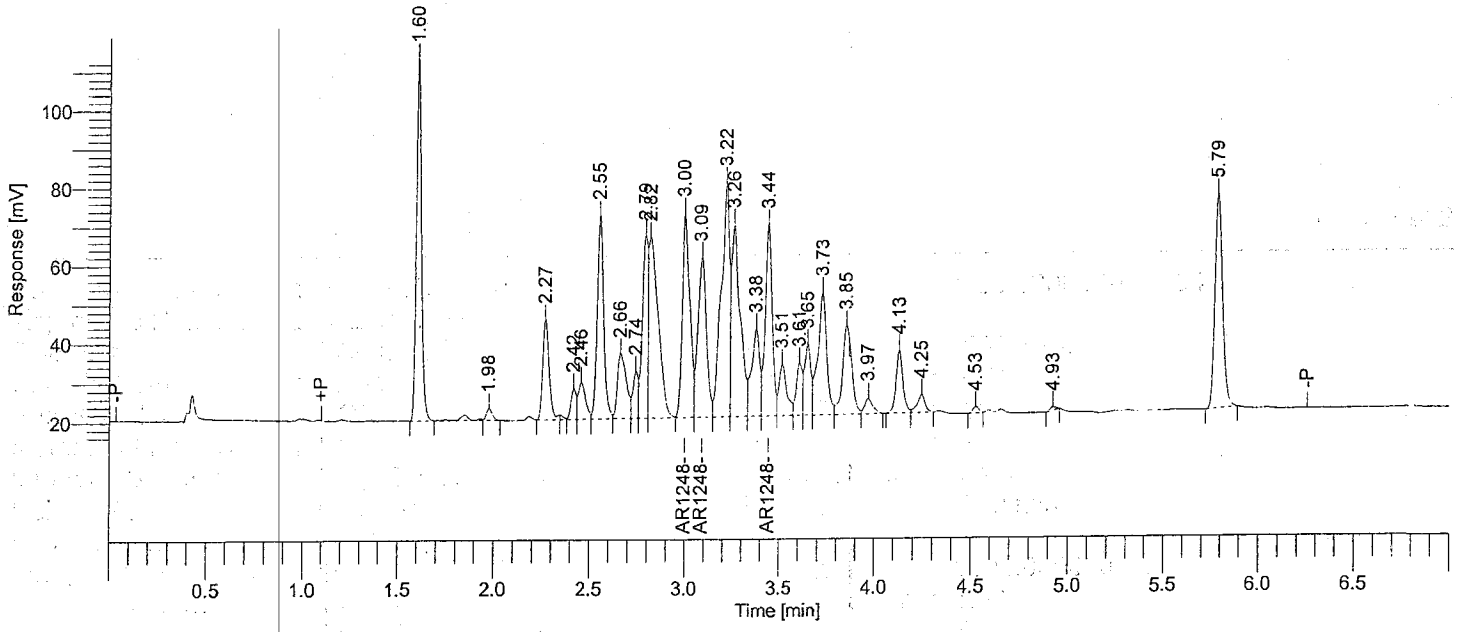
12/01/2005 07:52:47 Result: H:\TURBO6\5890-14\14b26031.rst

Group Report For : AR1242

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.27	VE	132572	AR1242-A	0.5326	2.4893e+05	2.6514e+05	-11.2
2.55	VV	208562	AR1242-B	0.5418	3.8497e+05	4.1712e+05	-9.7
2.66	VV	95240	AR1242-C	0.5399	1.7641e+05	1.9048e+05	-10.0
		436374		1.6142		8.7275e+05	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 07:52:54
Reprocess Number	: buf2042: 83288		
Operator	: tchrom	Sample Name	: ICM48RA
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: B
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 23:22:56	Cycle	: 7

Raw Data File : H:\TURBO6\5890-14\14b26032.raw <Modified>
Result File : H:\TURBO6\5890-14\14b26032.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14b26032.raw
Proc Method : h:\turbo6\5890-14\nbproc-9-20.mth from H:\TURBO6\5890-14\14b26032.rst
Calib Method : h:\turbo6\5890-14\nb48(11-30-05).mth from H:\TURBO6\5890-14\14b26032.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D26.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	3.00		398991	AR1248	0.5000	0.1667	3
			398991			0.1667	

Processed by: GM 12/1/05

Reviewed by: DEC 1 2005

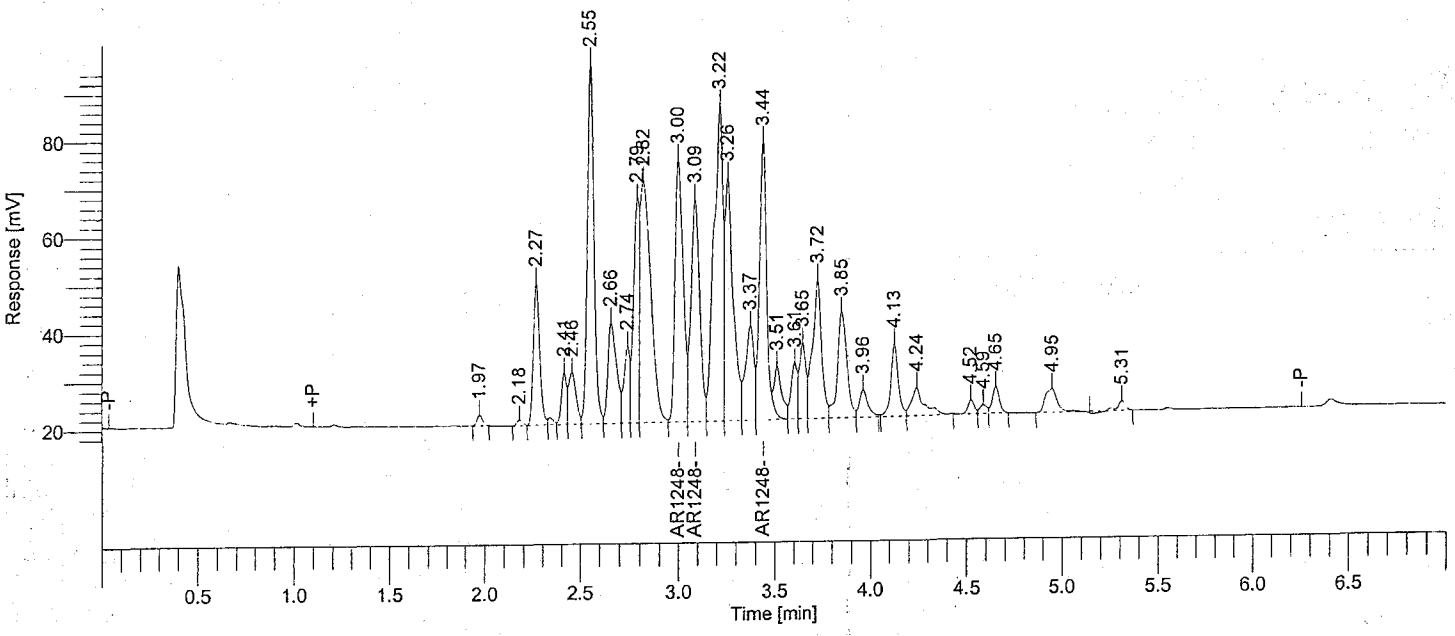
12/01/2005 07:52:54 Result: H:\TURBO6\5890-14\14b26032.rst

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
11	3.00	VV	148966	AR1248-A	0.5000	0.1667	3
12	3.09	VV	125933	AR1248-B	0.5000	0.1667	3
16	3.44	VV	124092	AR1248-C	0.5000	0.1667	3
			398991			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 07:53:00
Reprocess Number	: buf2042: 83290		
Operator	: tchrom	Sample Name	: ACM48MA
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: B
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 23:40:39	Cycle	: 8

Raw Data File : H:\TURBO6\5890-14\14b26033.raw <Modified>
Result File : H:\TURBO6\5890-14\14b26033.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14b26033.raw
Proc Method : h:\turbo6\5890-14\nbproc-9-20.mth from H:\TURBO6\5890-14\14b26033.rst
Calib Method : h:\turbo6\5890-14\nb48(11-30-05).mth from H:\TURBO6\5890-14\14b26033.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-14\14D26.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.44		454218	AR1248	0.5692	7.9798e+05	9.0844e+05	-5.1
		454218		0.5692		9.0844e+05	

DEC 1 2005

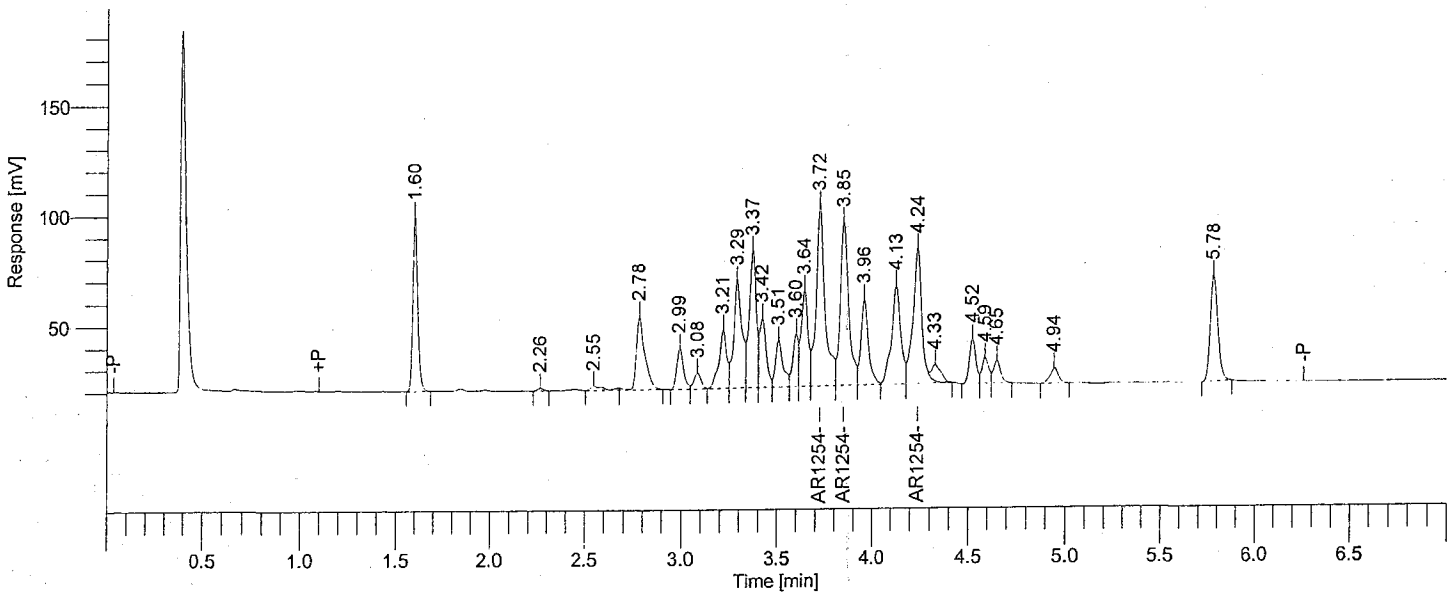
12/01/2005 07:53:00 Result: H:\TURBO6\5890-14\14b26033.rst

Group Report For : AR1248

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.00	VV	159558	AR1248-A	0.5356	2.9793e+05	3.1912e+05	-10.7
3.09	VV	144130	AR1248-B	0.5722	2.5187e+05	2.8826e+05	-4.6
3.44	VE	150530	AR1248-C	0.6065	2.4818e+05	3.0106e+05	1.1
		454218		1.7143		9.0844e+05	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 07:53:06
Reprocess Number	: buf2042: 83292		
Operator	: tchrom	Sample Name	: ICM54TC
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: B
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/30/2005 23:58:24	Cycle	: 9

Raw Data File : H:\TURBO6\5890-14\14b26034.raw <Modified>
Result File : H:\TURBO6\5890-14\14b26034.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14b26034.raw
Proc Method : h:\turbo6\5890-14\nbproc-9-20.mth from H:\TURBO6\5890-14\14b26034.rst
Calib Method : h:\turbo6\5890-14\nb54(11-30-05).mth from H:\TURBO6\5890-14\14b26034.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D26.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	3.72		687069	AR1254	0.5000	0.1667	3
			687069			0.1667	

Processed by: GM 12/1/05
Reviewed by: DEC 1 1 2005

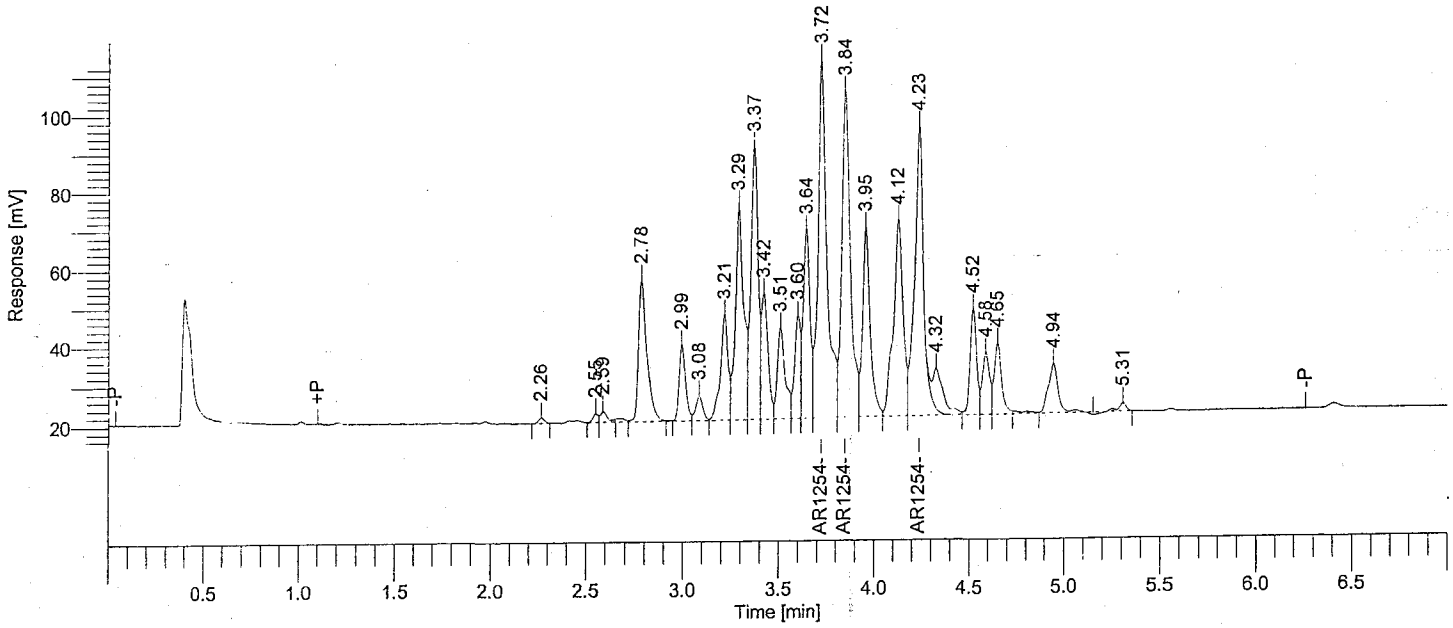
12/01/2005 07:53:06 Result: H:\TURBO6\5890-14\14b26034.rst

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
14	3.72	VV	263060	AR1254-A	0.5000	0.1667	3
15	3.85	VV	229201	AR1254-B	0.5000	0.1667	3
18	4.24	VE	194808	AR1254-C	0.5000	0.1667	3
			687069			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2005 07:53:11
Reprocess Number	: buf2042: 83294		
Operator	: tchrom	Sample Name	: ACM54RA
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: B
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2005 00:16:08	Cycle	: 10

Raw Data File : H:\TURBO6\5890-14\14b26035.raw <Modified>
Result File : H:\TURBO6\5890-14\14b26035.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14b26035.raw
Proc Method : h:\turbo6\5890-14\nbproc-9-20.mth from H:\TURBO6\5890-14\14b26035.rst
Calib Method : h:\turbo6\5890-14\nb54(11-30-05).mth from H:\TURBO6\5890-14\14b26035.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-14\14D26.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.72		804190	AR1254	0.5852	1.3741e+06	1.6084e+06	-2.5
		804190		0.5852		1.6084e+06	

DEC 1 2005

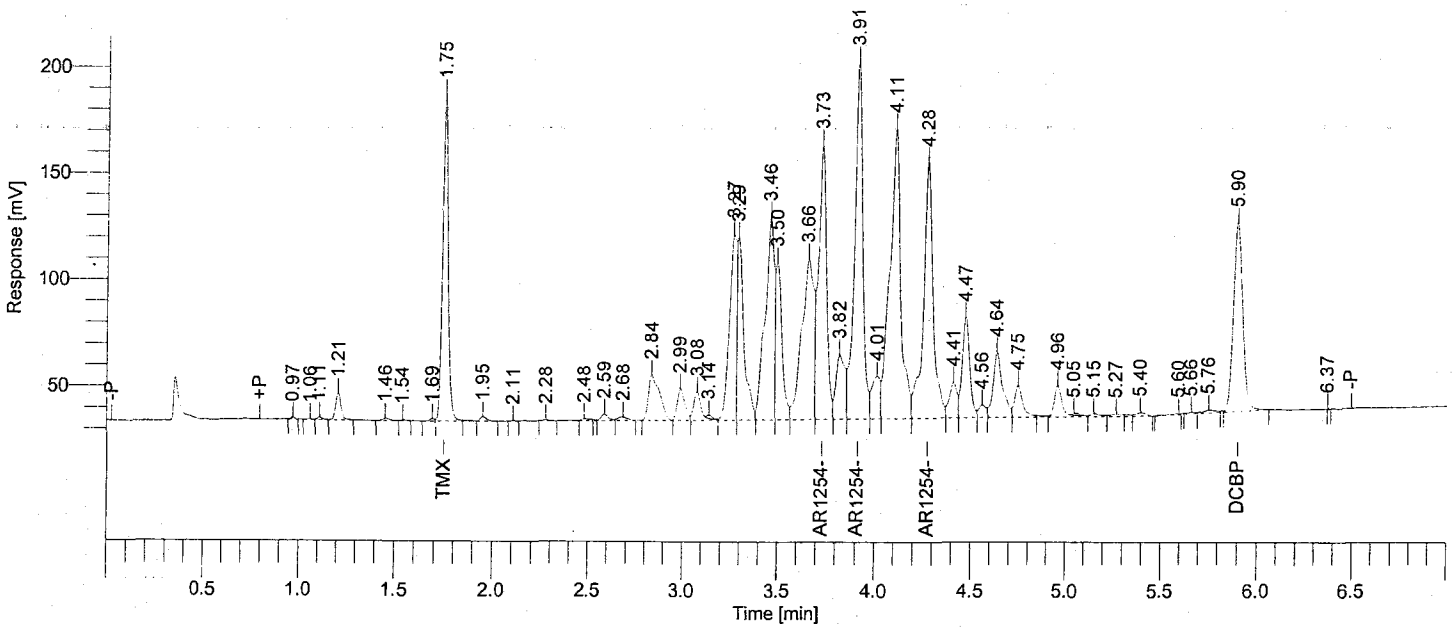
12/01/2005 07:53:11 Result: H:\TURBO6\5890-14\14b26035.rst

Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.72	VV	296431	AR1254-A	0.5634	5.2612e+05	5.9286e+05	-6.1
3.84	VV	262266	AR1254-B	0.5721	4.5840e+05	5.2453e+05	-4.6
4.23	VE	245493	AR1254-C	0.6301	3.8962e+05	4.9099e+05	5.0
		804190		1.7656		1.6084e+06	

Software Version	: 6.2.1.0.104:0104	Date	: 03/25/2006 11:13:31
Reprocess Number	: buf2042: 97885		
Operator	: tchrom	Sample Name	: ICM54VB
Sample Number	: 0.5NG	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: A
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/24/2006 14:52:02	Cycle	: 6

Raw Data File : H:\TURBO6\5890-14\14a37092.raw <Modified>
Result File : H:\TURBO6\5890-14\14a37092.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14a37092.raw
Proc Method : h:\turbo6\5890-14\naproc-9-20.mth from H:\TURBO6\5890-14\14a37092.rst
Calib Method : h:\turbo6\5890-14\na54(11-30-05)4.mth from H:\TURBO6\5890-14\14a37092.rst
Report Format File: h:\turbo6\5890-14\n%d.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
1.75	VV	311393	TMX	0.0292	1.0655e+07	6.2279e+05	-2.6	1.68 - 1.82
3.91		1305495	AR1254	0.5416	2.4103e+06	2.6110e+06	8.3	3.84 - 3.98
5.90	VB	295330	DCBP	0.0321	9.1918e+06	5.9066e+05	7.1	5.83 - 5.97
		1912218		0.6030		3.8244e+06		

3/25/06

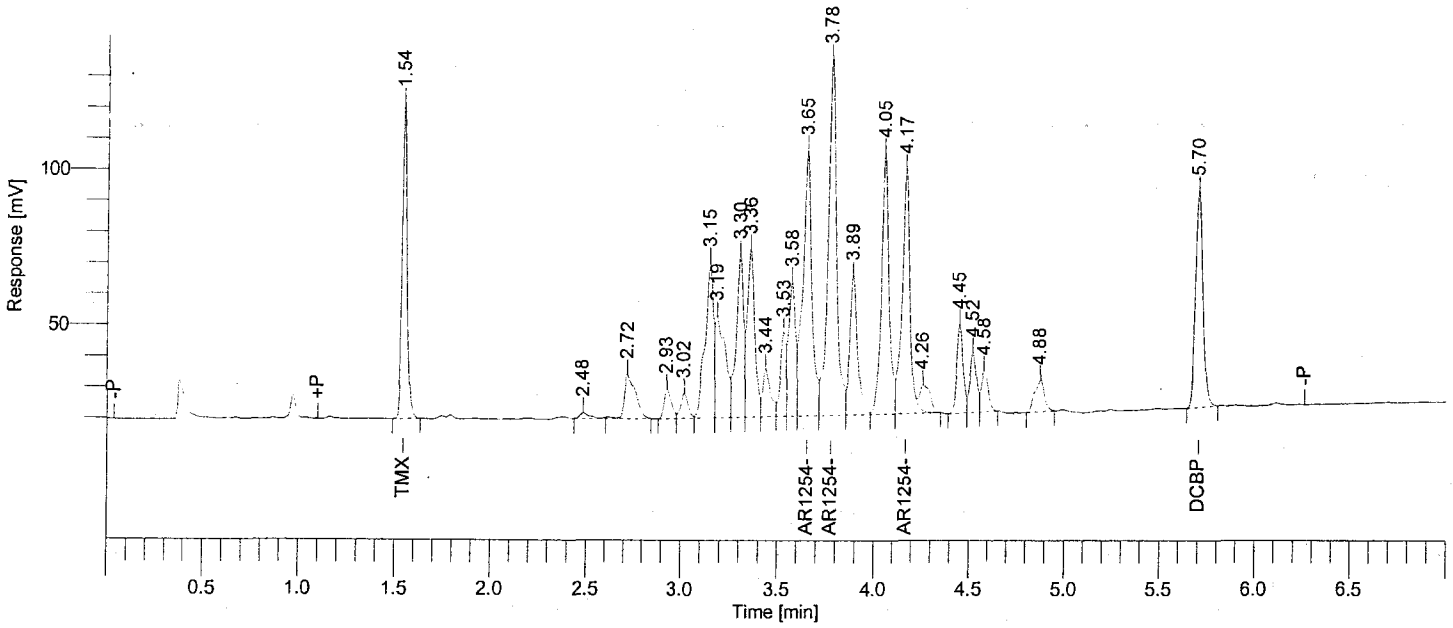
03/25/2006 11:13:31 Result: H:\TURBO6\5890-14\14a37092.rst

Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
3.73	VV	374632	AR1254-A	0.4677	8.0109e+05	7.4926e+05	-6.5	3.66 - 3.80
3.91	VV	503265	AR1254-B	0.6416	7.8436e+05	1.0065e+06	28.3	3.84 - 3.98
4.28	VV	427599	AR1254-C	0.5184	8.2486e+05	8.5520e+05	3.7	4.21 - 4.35
		1305495		1.6277		2.6110e+06		

Software Version	: 6.2.1.0.104:0104	Date	: 03/25/2006 11:13:34
Reprocess Number	: buf2042: 97886		
Operator	: tchrom	Sample Name	: ICM54VB
Sample Number	: 0.5NG	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: B
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/24/2006 14:52:02	Cycle	: 6

Raw Data File : H:\TURBO6\5890-14\14b37092.raw <Modified>
Result File : H:\TURBO6\5890-14\14b37092.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14b37092.raw
Proc Method : h:\turbo6\5890-14\nbproc-9-20.mth from H:\TURBO6\5890-14\14b37092.rst
Calib Method : h:\turbo6\5890-14\nb54(11-30-05)4.mth from H:\TURBO6\5890-14\14b37092.rst
Report Format File: h:\turbo6\5890-14\n%d.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
1.54	BB	184791	TMX	0.0346	5.3418e+06	3.6958e+06	15.3	1.47 - 1.61
3.78		853769	AR1254	0.6213	1.3741e+06	1.7075e+06	24.3	3.71 - 3.85
5.70	BB	191209	DCBP	0.0384	4.9847e+06	3.8242e+06	27.9	5.63 - 5.77
		1229769		0.6943		2.4595e+06		

3/25/06

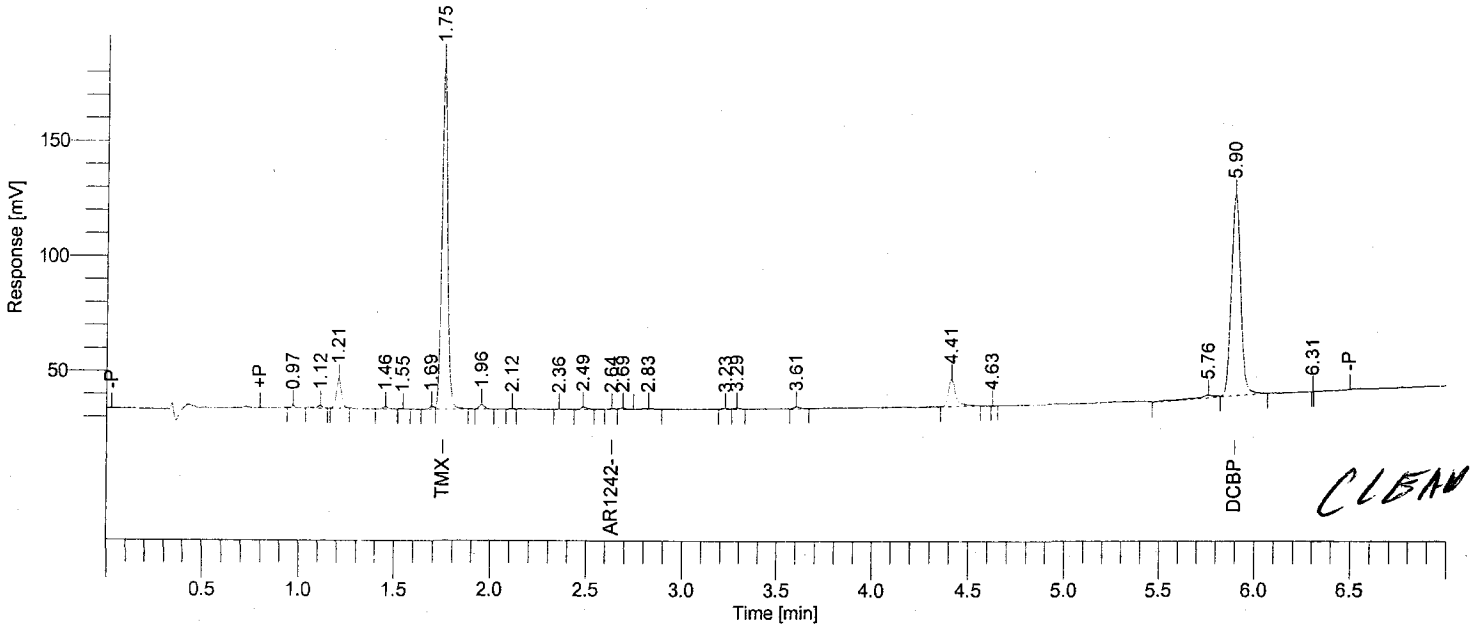
03/25/2006 11:13:34 Result: H:\TURBO6\5890-14\14b37092.rst

Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
3.65	VV	277902	AR1254-A	0.5282	5.2612e+05	5.5580e+05	5.6	3.58 - 3.72
3.78	VV	344651	AR1254-B	0.7519	4.5840e+05	6.8930e+05	50.4	3.71 - 3.85
4.17	VE	231216	AR1254-C	0.5934	3.8962e+05	4.6243e+05	18.7	4.10 - 4.24
		853769		1.8735		1.7075e+06		

Software Version	: 6.2.1.0.104:0104	Date	: 03/25/2006 11:13:38
Reprocess Number	: buf2042: 97887		
Operator	: tchrom	Sample Name	: ICM3JN
Sample Number	: 0.03NG	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: A
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/24/2006 15:09:57	Cycle	: 7

Raw Data File : H:\TURBO6\5890-14\14a37093.raw <Modified>
Result File : H:\TURBO6\5890-14\14a37093.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14a37093.raw
Proc Method : h:\turbo6\5890-14\naproc-9-20.mth from H:\TURBO6\5890-14\14a37093.rst
Calib Method : h:\turbo6\5890-14\na4pcb(11-30-05)4.mth from H:\TURBO6\5890-14\14a37093.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq

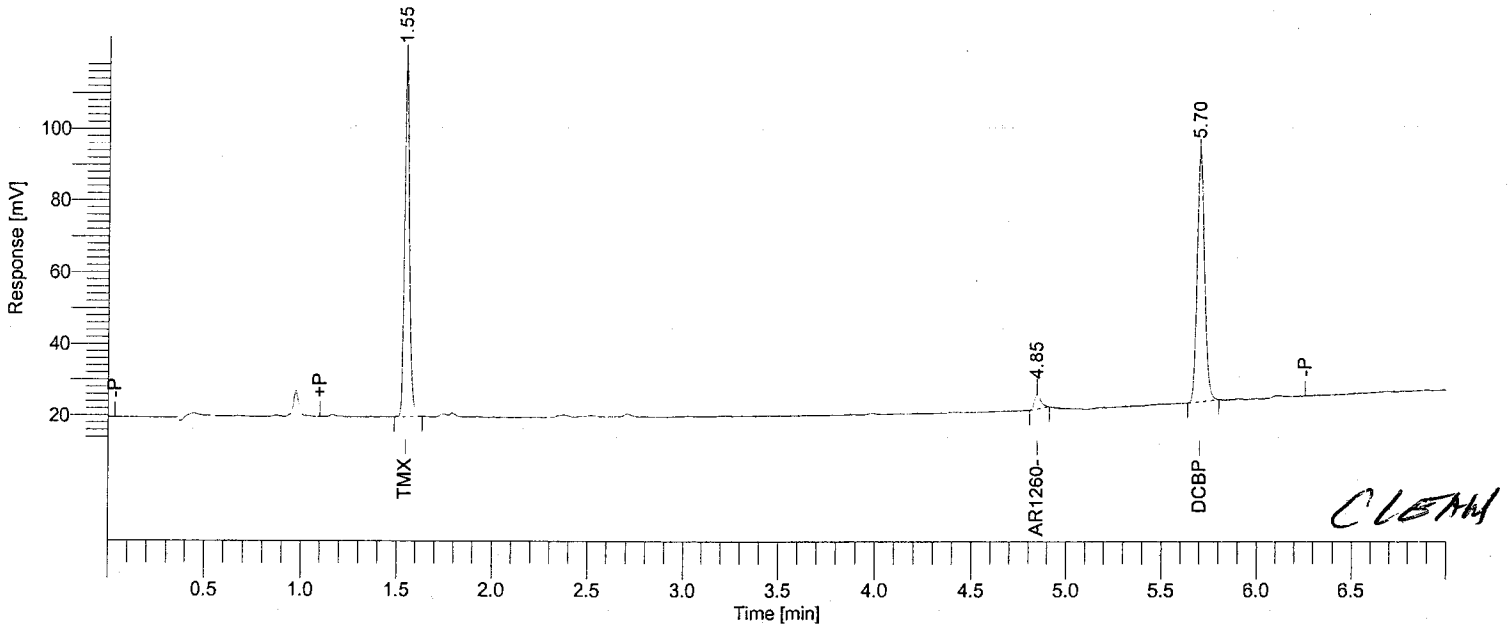


Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
7	1.75	VV	308231	TMX	0.0289	-------	0
21	5.90	VB	292658	DCBP	0.0318	-------	0
			600889			0.0000	

3/25/06

Software Version	: 6.2.1.0.104:0104	Date	: 03/25/2006 11:13:41
Reprocess Number	: buf2042: 97888		
Operator	: tchrom	Sample Name	: ICM3JN
Sample Number	: 0.03NG	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: B
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/24/2006 15:09:57	Cycle	: 7

Raw Data File : H:\TURBO6\5890-14\14b37093.raw <Modified>
Result File : H:\TURBO6\5890-14\14b37093.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14b37093.raw
Proc Method : h:\turbo6\5890-14\nbproc-9-20.mth from H:\TURBO6\5890-14\14b37093.rst
Calib Method : h:\turbo6\5890-14\nb4pcb(11-30-05)4.mth from H:\TURBO6\5890-14\14b37093.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq

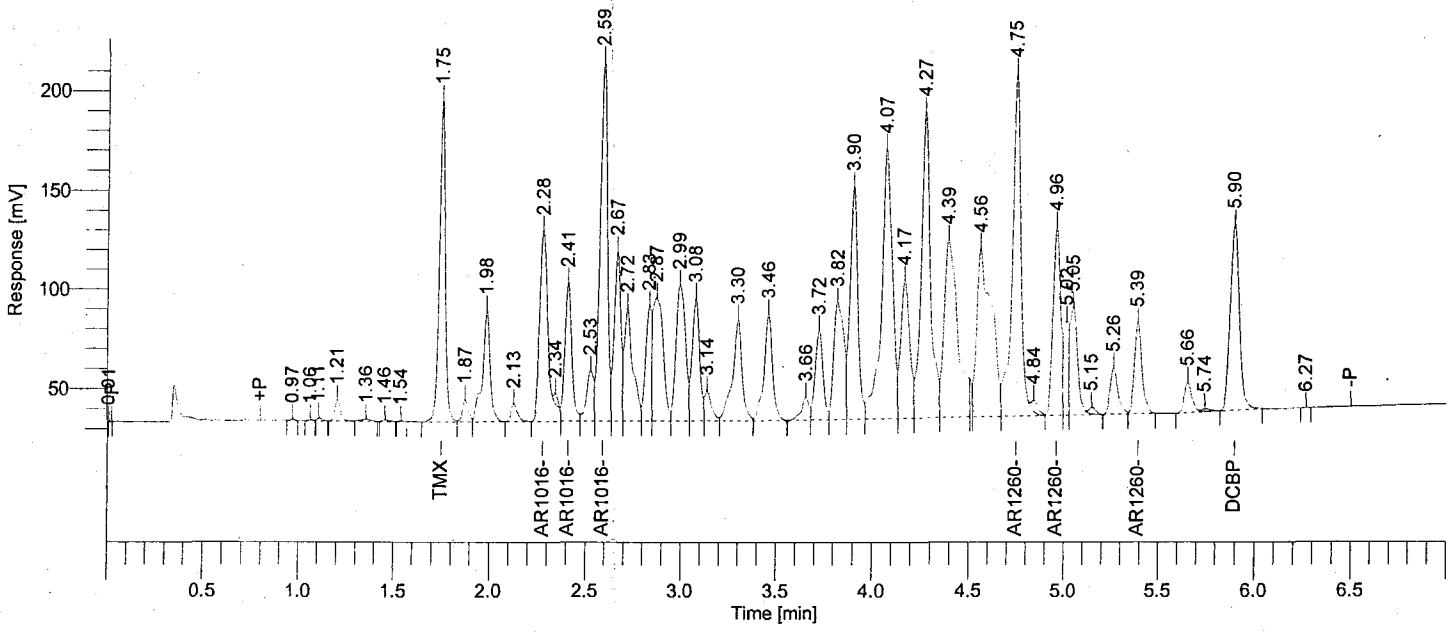


Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
1	1.55	BB	181725	TMX	0.0340	-------	0
	4.85		10024	~~AR1260~~	~~0.0084~~	0.0028	3
3	5.70	BB	189505	DCBP	0.0380	-------	0
			381254			0.0028	

3/25/06

Software Version	: 6.2.1.0.104:0104	Date	: 03/25/2006 11:14:39
Reprocess Number	: buf2042: 97909		
Operator	: tchrom	Sample Name	: ICM66NH
Sample Number	: 0.5NG	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: A
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/24/2006 18:27:10	Cycle	: 18

Raw Data File : H:\TURBO6\5890-14\14a37104.raw <Modified>
Result File : H:\TURBO6\5890-14\14a37104.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14a37104.raw
Proc Method : h:\turbo6\5890-14\naproc-9-20.mth from H:\TURBO6\5890-14\14a37104.rst
Calib Method : h:\turbo6\5890-14\na66(11-30-05)4.mth from H:\TURBO6\5890-14\14a37104.rst
Report Format File: h:\turbo6\5890-14\n%d.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
1.75	BV	342352	TMX	0.0322	1.0627e+07	6.8470e+05	7.4	1.68 - 1.82
2.59		944159	AR1016	0.5909	1.5977e+06	1.8883e+06	18.2	2.52 - 2.66
4.75		936467	AR1260	0.5885	1.5912e+06	1.8729e+06	17.7	4.68 - 4.82
5.90	VB	311743	DCBP	0.0341	9.1341e+06	6.2349e+05	13.8	5.83 - 5.97
		2534721		1.2458		5.0694e+06		

3/25/06

03/25/2006 11:14:39 Result: H:\TURBO6\5890-14\14a37104.rst

Group Report For : AR1016

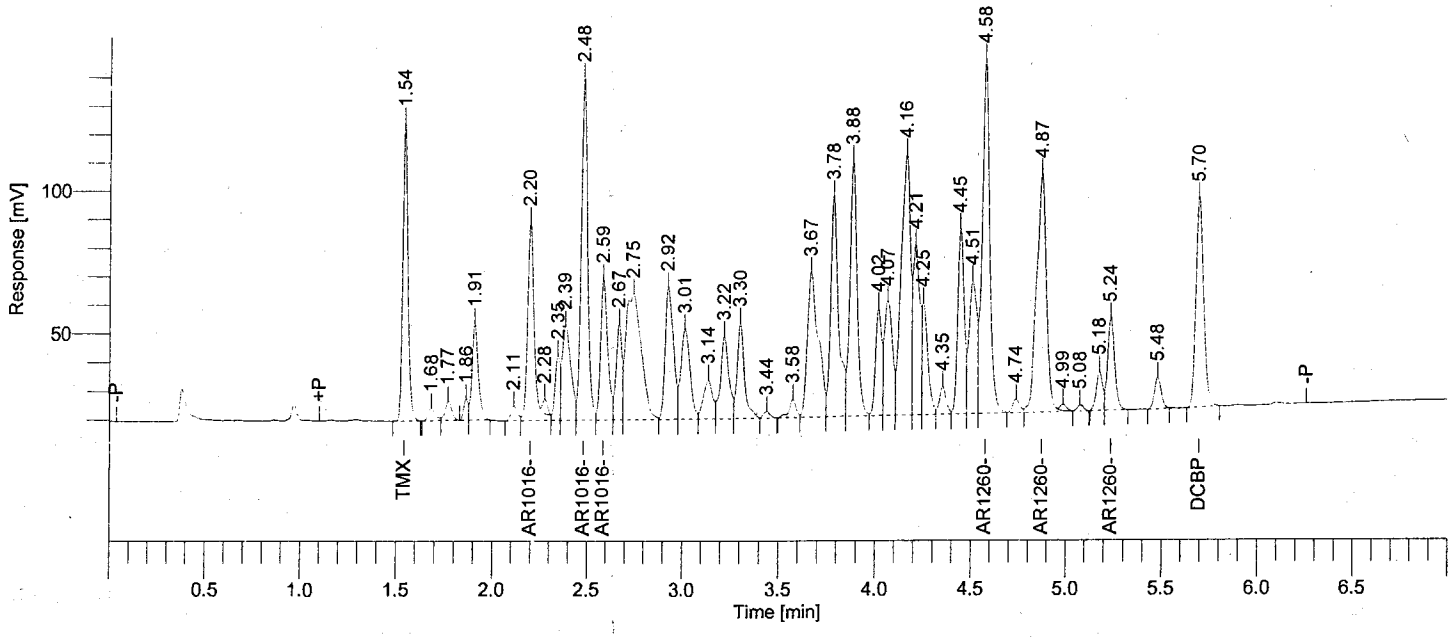
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
2.28	VE	297693	AR1016-A	0.5965	4.9904e+05	5.9539e+05	19.3	2.21 - 2.35
2.41	VV	171320	AR1016-B	0.5804	2.9519e+05	3.4264e+05	16.1	2.34 - 2.48
2.59	VV	475146	AR1016-C	0.5914	8.0348e+05	9.5029e+05	18.3	2.52 - 2.66
		944159		1.7683		1.8883e+06		

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
4.75	VE	550659	AR1260-A	0.5769	9.5459e+05	1.1013e+06	15.4	4.68 - 4.82
4.96	VV	258600	AR1260-B	0.6121	4.2246e+05	5.1720e+05	22.4	4.89 - 5.03
5.39	VB	127208	AR1260-C	0.5933	2.1441e+05	2.5442e+05	18.7	5.32 - 5.46
		936467		1.7823		1.8729e+06		

Software Version	: 6.2.1.0.104:0104	Date	: 03/25/2006 11:14:42
Reprocess Number	: buf2042: 97910		
Operator	: tchrom	Sample Name	: ICM66NH
Sample Number	: 0.5NG	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: B
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/24/2006 18:27:10	Cycle	: 18

Raw Data File : H:\TURBO6\5890-14\14b37104.raw <Modified>
Result File : H:\TURBO6\5890-14\14b37104.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14b37104.raw
Proc Method : h:\turbo6\5890-14\nbproc-9-20.mth from H:\TURBO6\5890-14\14b37104.rst
Calib Method : h:\turbo6\5890-14\nb66(11-30-05)4.mth from H:\TURBO6\5890-14\14b37104.rst
Report Format File: h:\turbo6\5890-14\n%d.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
1.54	BB	190930	TMX	0.0358	5.3321e+06	3.8186e+05	19.4	1.47 - 1.61
2.48		581909	AR1016	0.5641	1.0316e+06	1.1638e+06	12.8	2.41 - 2.55
4.58		722713	AR1260	0.6084	1.1879e+06	1.4454e+06	21.7	4.51 - 4.65
5.70	BB	202789	DCBP	0.0409	4.9550e+06	4.0558e+05	36.4	5.63 - 5.77
		1698340		1.2492		3.3967e+06		

3/25/06

03/25/2006 11:14:42 Result: H:\TURBO6\5890-14\14b37104.rst

Group Report For : AR1016

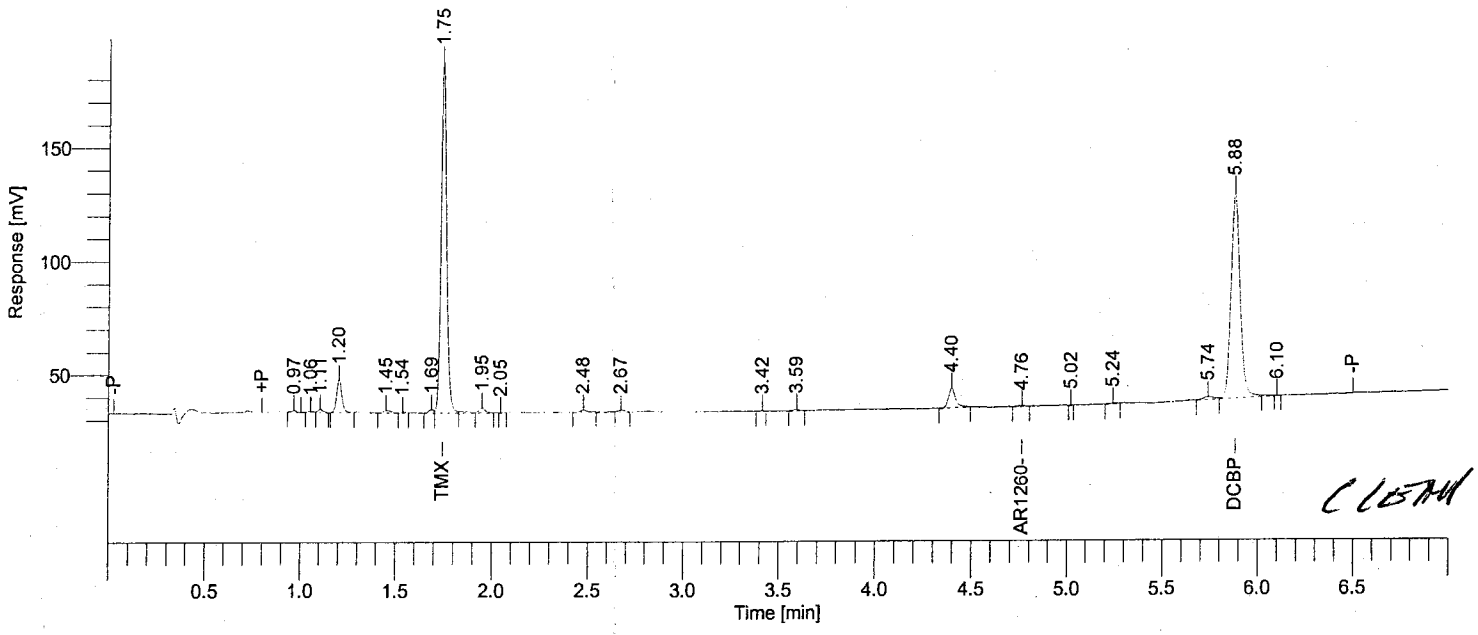
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
2.20	VE	172069	AR1016-A	0.5399	3.1868e+05	3.4414e+05	8.0	2.13 - 2.27
2.48	VV	283152	AR1016-B	0.5735	4.9371e+05	5.6630e+05	14.7	2.41 - 2.55
2.59	VV	126687	AR1016-C	0.5779	2.1922e+05	2.5337e+05	15.6	2.52 - 2.66
		581909		1.6914		1.1638e+06		

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
4.58	VV	334098	AR1260-A	0.5969	5.5976e+05	6.6820e+05	19.4	4.51 - 4.65
4.87	VE	305614	AR1260-B	0.6070	5.0352e+05	6.1123e+05	21.4	4.80 - 4.94
5.24	VB	83001	AR1260-C	0.6658	1.2467e+05	1.6600e+05	33.2	5.17 - 5.31
		722713		1.8696		1.4454e+06		

Software Version	: 6.2.1.0.104:0104	Date	: 03/25/2006 11:14:44
Reprocess Number	: buf2042: 97911		
Operator	: tchrom	Sample Name	: ICM3JN
Sample Number	: 0.03NG	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: A
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/24/2006 18:45:05	Cycle	: 19

Raw Data File : H:\TURBO6\5890-14\14a37105.raw <Modified>
Result File : H:\TURBO6\5890-14\14a37105.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14a37105.raw
Proc Method : h:\turbo6\5890-14\naproc-9-20.mth from H:\TURBO6\5890-14\14a37105.rst
Calib Method : h:\turbo6\5890-14\na4pcb(11-30-05)4.mth from H:\TURBO6\5890-14\14a37105.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq

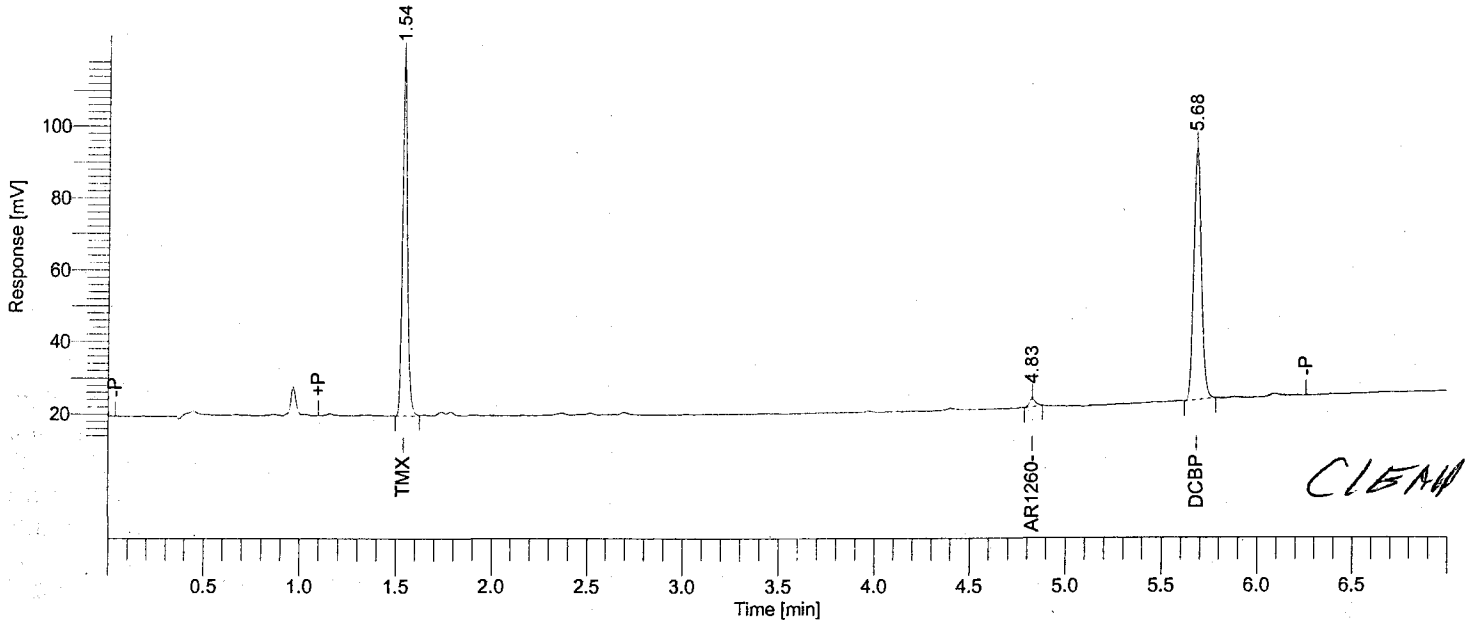


Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
8	1.75	VV	309933	TMX	0.0291	-------	0
20	5.88	VV	301012	DCBP	0.0328	-------	0
			610945			0.0000	

3/25/06

Software Version	: 6.2.1.0.104:0104	Date	: 03/25/2006 11:14:45
Reprocess Number	: buf2042: 97912		
Operator	: tchrom	Sample Name	: ICM3JN
Sample Number	: 0.03NG	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: B
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/24/2006 18:45:05	Cycle	: 19

Raw Data File : H:\TURBO6\5890-14\14b37105.raw <Modified>
Result File : H:\TURBO6\5890-14\14b37105.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14b37105.raw
Proc Method : h:\turbo6\5890-14\nbproc-9-20.mth from H:\TURBO6\5890-14\14b37105.rst
Calib Method : h:\turbo6\5890-14\nb4pcb(11-30-05)4.mth from H:\TURBO6\5890-14\14b37105.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq

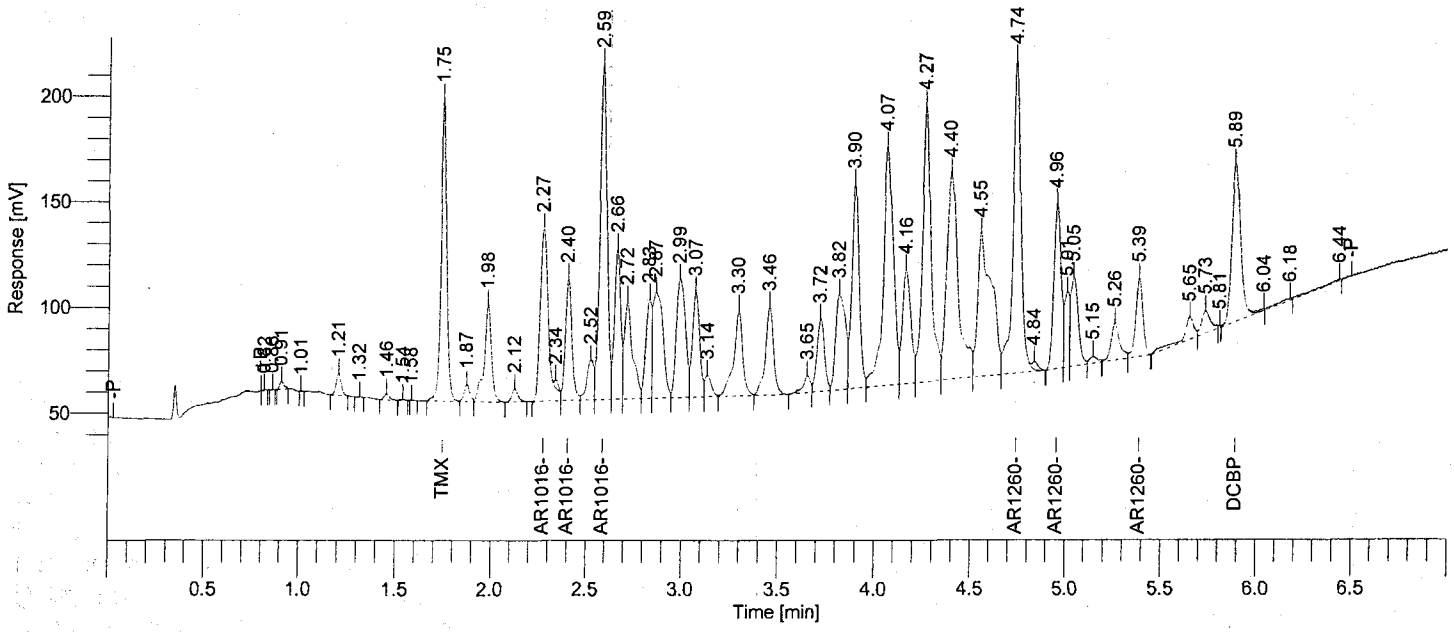


Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
1	1.54	BB	181284	TMX	0.0339	-------	0
	4.83		4900	~~AR1260~~	~~0.0041~~	0.0014	3
3	5.68	BB	191774	DCBP	0.0385	-------	0
			377959			0.0014	

3/25/06

Software Version	: 6.2.1.0.104:0104	Date	: 03/27/2006 10:25:00
Reprocess Number	: buf2046: 36199		
Operator	: tchrom	Sample Name	: ICM66NH
Sample Number	: 0.5NG	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: A
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/25/2006 12:55:43	Cycle	: 1

Raw Data File : H:\TURBO6\5890-14\14a37111.raw <Modified>
Result File : H:\TURBO6\5890-14\14a37111.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14a37111.raw
Proc Method : h:\turbo6\5890-14\naproc-9-20.mth from H:\TURBO6\5890-14\14a37111.rst
Calib Method : h:\turbo6\5890-14\na66(11-30-05)4.mth from H:\TURBO6\5890-14\14a37111.rst
Report Format File: h:\turbo6\5890-14\n%d.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
1.75	BV	294167	TMX	0.0276	1.0673e+07	5.8833e+05	-8.1	1.68 - 1.82
2.59		781589	AR1016	0.4783	1.6340e+06	1.5632e+06	-4.3	2.52 - 2.66
4.74		739941	AR1260	0.4541	1.6295e+06	1.4799e+06	-9.2	4.67 - 4.81
5.89	VE	241705	DCBP	0.0256	9.4431e+06	4.8341e+05	-14.7	5.82 - 5.96
		2057401		0.9856		4.1148e+06		

Group Report For : AR1016

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
2.27	BE	239988	AR1016-A	0.4653	5.1575e+05	4.7998e+05	-6.9	2.20 - 2.34
2.40	VV	134501	AR1016-B	0.4405	3.0535e+05	2.6900e+05	-11.9	2.33 - 2.47
2.59	VV	407100	AR1016-C	0.4995	8.1504e+05	8.1420e+05	-0.1	2.52 - 2.66
		781589		1.4053		1.5632e+06		

3/27/06

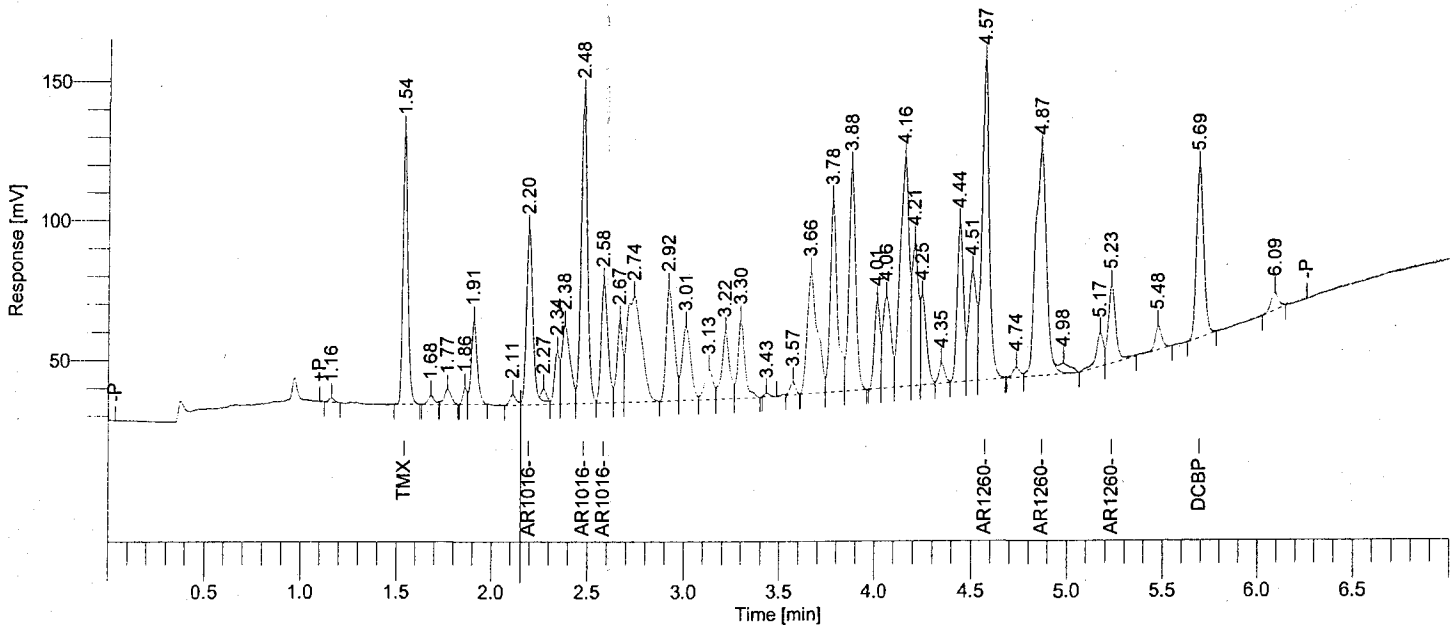
03/27/2006 10:25:00 Result: H:\TURBO6\5890-14\14a37111.rst

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
4.74	VE	439676	AR1260-A	0.4491	9.7904e+05	8.7935e+05	-10.2	4.67 - 4.81
4.96	BV	204972	AR1260-B	0.4738	4.3260e+05	4.0994e+05	-5.2	4.89 - 5.03
5.39	VB	95293	AR1260-C	0.4381	2.1751e+05	1.9059e+05	-12.4	5.32 - 5.46
		739941		1.3610		1.4799e+06		

Software Version	: 6.2.1.0.104:0104	Date	: 03/27/2006 10:25:02
Reprocess Number	: buf2046: 36200		
Operator	: tchrom	Sample Name	: ICM66NH
Sample Number	: 0.5NG	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: B
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/25/2006 12:55:43	Cycle	: 1

Raw Data File : H:\TURBO6\5890-14\14b37111.raw <Modified>
Result File : H:\TURBO6\5890-14\14b37111.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14b37111.raw
Proc Method : h:\turbo6\5890-14\nbproc-9-20.mth from H:\TURBO6\5890-14\14b37111.rst
Calib Method : h:\turbo6\5890-14\nb66(11-30-05)4.mth from H:\TURBO6\5890-14\14b37111.rst
Report Format File: h:\turbo6\5890-14\n%d.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative -	RT Window
1.54	BB	175684	TMX	0.0328	5.3575e+06	3.5137e+05	9.3	1.47 -	1.61
2.48		508272	AR1016	0.4927	1.0316e+06	1.0165e+06	-1.5	2.41 -	2.55
4.57		691223	AR1260	0.5819	1.1879e+06	1.3824e+06	16.4	4.50 -	4.64
5.69	BB	163297	DCBP	0.0322	5.0755e+06	3.2659e+05	7.2	5.62 -	5.76
		1538475		1.1395		3.0770e+06			

3/27/06

Group Report For : AR1016

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative -	RT Window
2.20	VE	146982	AR1016-A	0.4612	3.1868e+05	2.9396e+05	-7.8	2.13 -	2.27
2.48	VV	255344	AR1016-B	0.5172	4.9371e+05	5.1069e+05	3.4	2.41 -	2.55
2.58	VV	105945	AR1016-C	0.4833	2.1922e+05	2.1189e+05	-3.3	2.51 -	2.65
		508272		1.4617		1.0165e+06			

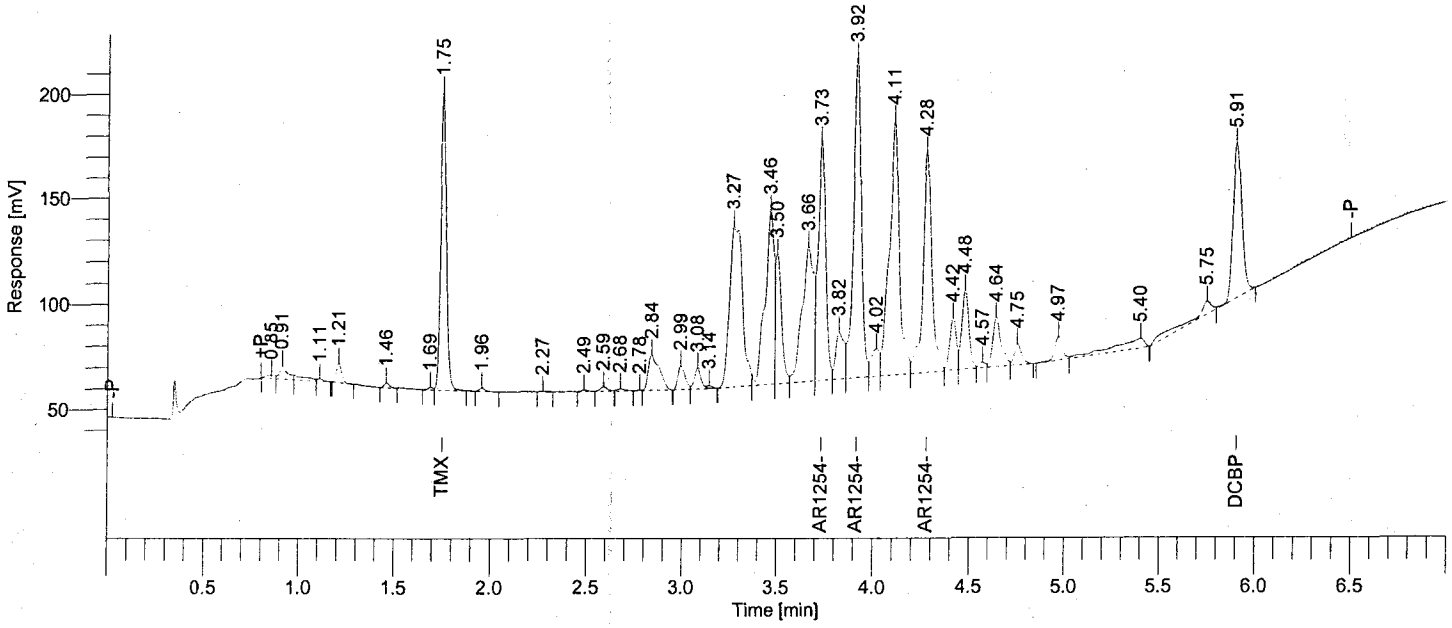
03/27/2006 10:25:02 Result: H:\TURBO6\5890-14\14b37111.rst

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
4.57	VV	294693	AR1260-A	0.5265	5.5976e+05	5.8939e+05	5.3	4.50 - 4.64
4.87	VE	324015	AR1260-B	0.6435	5.0352e+05	6.4803e+05	28.7	4.80 - 4.94
5.23	VV	72514	AR1260-C	0.5817	1.2467e+05	1.4503e+05	16.3	5.16 - 5.30
		691223		1.7516		1.3824e+06		

Software Version	: 6.2.1.0.104:0104	Date	: 03/27/2006 10:25:04
Reprocess Number	: buf2046: 36201		
Operator	: tchrom	Sample Name	: ICM54VB
Sample Number	: 0.5NG	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: A
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/25/2006 13:13:38	Cycle	: 2

Raw Data File : H:\TURBO6\5890-14\14a37112.raw <Modified>
Result File : H:\TURBO6\5890-14\14a37112.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14a37112.raw
Proc Method : h:\turbo6\5890-14\naproc-9-20.mth from H:\TURBO6\5890-14\14a37112.rst
Calib Method : h:\turbo6\5890-14\na54(11-30-05)4.mth from H:\TURBO6\5890-14\14a37112.rst
Report Format File: h:\turbo6\5890-14\n%d.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
1.75	VV	283318	TMX	0.0265	1.0686e+07	5.6664e+05	-11.6	1.68 - 1.82
3.92		1078538	AR1254	0.4475	2.4103e+06	2.1571e+06	-10.5	3.85 - 3.99
5.91	VB	230157	DCBP	0.0242	9.5149e+06	4.6031e+05	-19.4	5.84 - 5.98
		1592013		0.4982		3.1840e+06		

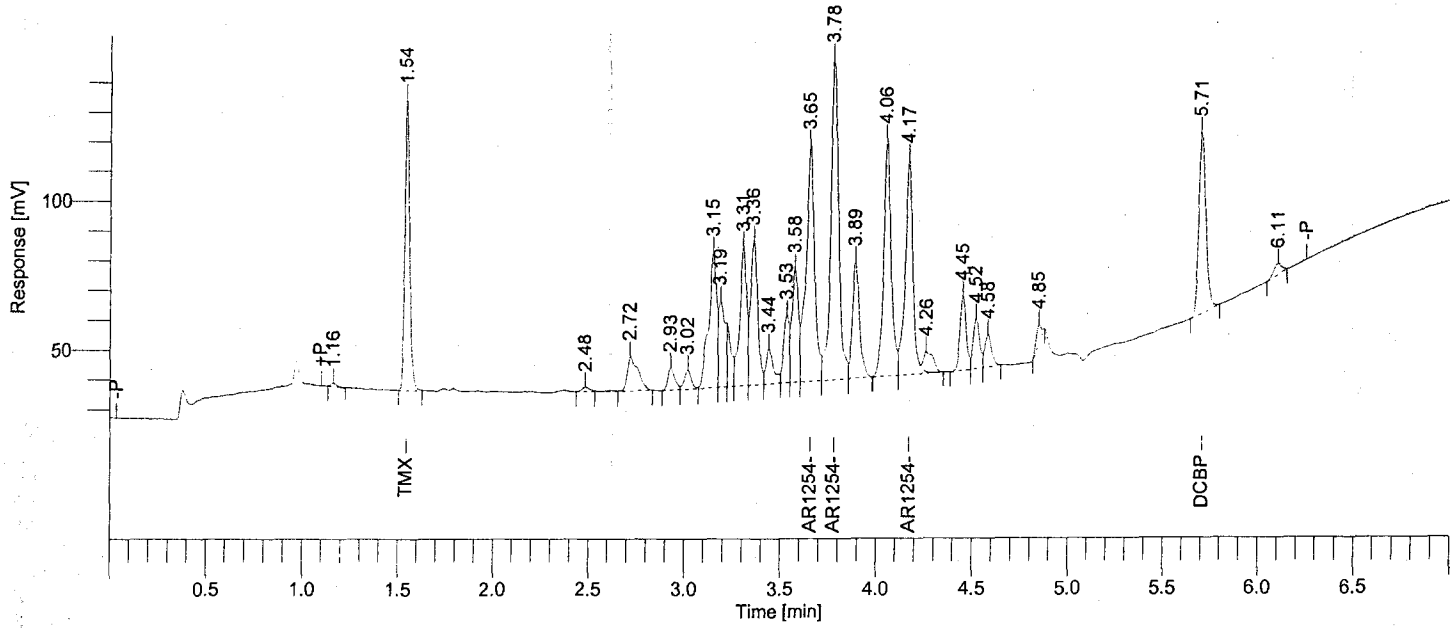
3/27/06

Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
3.73	VV	315269	AR1254-A	0.3935	8.0109e+05	6.3054e+05	-21.3	3.66 - 3.80
3.92	VV	426899	AR1254-B	0.5443	7.8436e+05	8.5380e+05	8.9	3.85 - 3.99
4.28	VV	336370	AR1254-C	0.4078	8.2486e+05	6.7274e+05	-18.4	4.21 - 4.35
		1078538		1.3456		2.1571e+06		

Software Version	: 6.2.1.0.104:0104	Date	: 03/27/2006 10:25:05
Reprocess Number	: buf2046: 36202		
Operator	: tchrom	Sample Name	: ICM54VB
Sample Number	: 0.5NG	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: B
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/25/2006 13:13:38	Cycle	: 2

Raw Data File : H:\TURBO6\5890-14\14b37112.raw <Modified>
Result File : H:\TURBO6\5890-14\14b37112.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14b37112.raw
Proc Method : h:\turbo6\5890-14\nbproc-9-20.mth from H:\TURBO6\5890-14\14b37112.rst
Calib Method : h:\turbo6\5890-14\nb54(11-30-05)4.mth from H:\TURBO6\5890-14\14b37112.rst
Report Format File: h:\turbo6\5890-14\n%d.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Window
1.54	BB	176328	TMX	0.0329	5.3564e+06	3.5266e+05	9.7	1.47	-	1.61
3.78		759593	AR1254	0.5528	1.3741e+06	1.5192e+06	10.6	3.71	-	3.85
5.71	BB	160615	DCBP	0.0316	5.0861e+06	3.2123e+05	5.3	5.64	-	5.78
		1096535		0.6173		2.1931e+06				

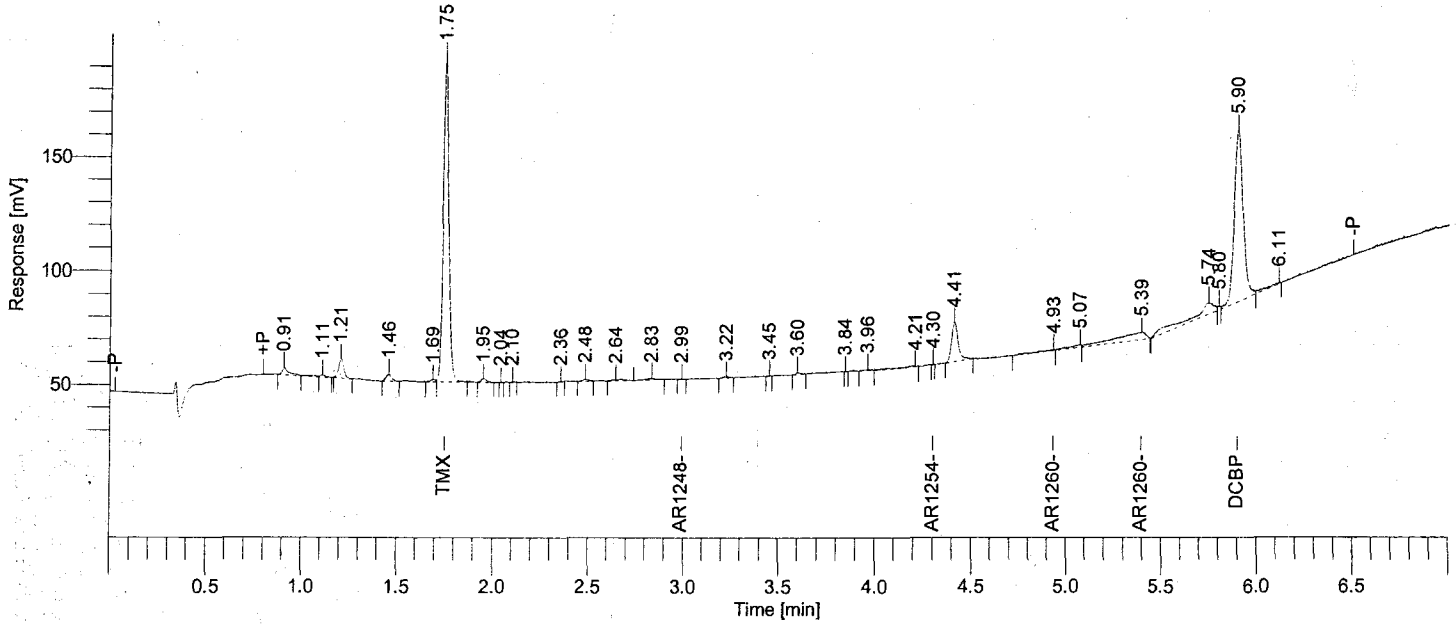
3/27/06

Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Window
3.65	VV	246350	AR1254-A	0.4682	5.2612e+05	4.9270e+05	-6.4	3.58	-	3.72
3.78	VV	310424	AR1254-B	0.6772	4.5840e+05	6.2085e+05	35.4	3.71	-	3.85
4.17	VE	202819	AR1254-C	0.5206	3.8962e+05	4.0564e+05	4.1	4.10	-	4.24
		759593		1.6660		1.5192e+06				

Software Version	: 6.2.1.0.104:0104	Date	: 03/27/2006 10:25:07
Reprocess Number	: buf2046: 36203		
Operator	: tchrom	Sample Name	: ICM3JN
Sample Number	: 0.03NG	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: A
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/25/2006 13:31:38	Cycle	: 3

Raw Data File : H:\TURBO6\5890-14\14a37113.raw <Modified>
Result File : H:\TURBO6\5890-14\14a37113.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14a37113.raw
Proc Method : h:\turbo6\5890-14\naproc-9-20.mth from H:\TURBO6\5890-14\14a37113.rst
Calib Method : h:\turbo6\5890-14\na4pcb(11-30-05)4.mth from H:\TURBO6\5890-14\14a37113.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
6	1.75	VB	282776	TMX	0.0265	-------	0
	5.39		42578	AR1260	-0.0228	-8e-03	3
28	5.90	VV	244734	DCBP	0.0260	-------	0
			570088			-8e-03	

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.28		0	AR1242-A	0.0000	-------	-
-	2.41		0	AR1242-B	0.0000	-------	-
-	2.59		0	AR1242-C	0.0000	-------	-
			0			0.0000	

RW 3/27/06

03/27/2006 10:25:07 Result: H:\TURBO6\5890-14\14a37113.rst

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
14	2.99	BB	248	AR1248-A	4.4e-04	1.5e-04	3
-	3.07		0	AR1248-B	0.0000	-------	-
-	3.14		0	AR1248-C	0.0000	-------	-
			248			1.5e-04	

Group Report For : AR1254

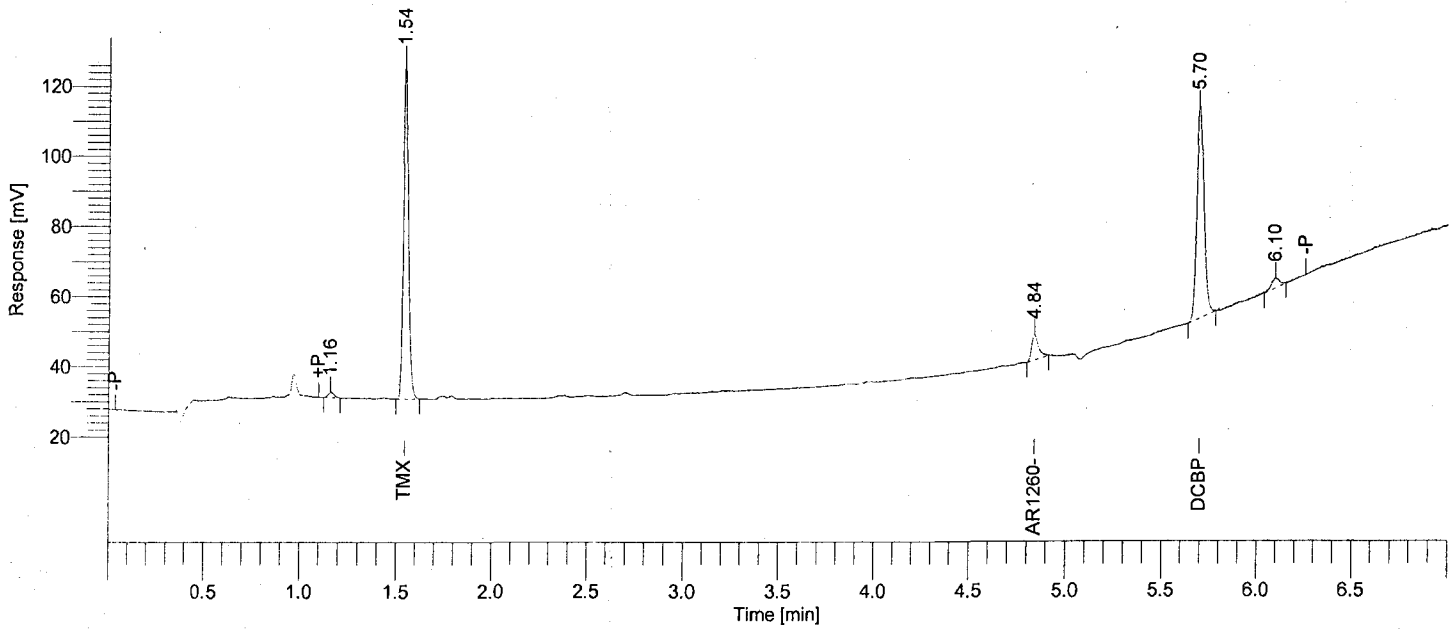
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.72		0	AR1254-A	0.0000	-------	-
-	3.90		0	AR1254-B	0.0000	-------	-
21	4.30	BB	136	AR1254-C	1.7e-04	5.5e-05	3
			136			5.5e-05	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.74		0	AR1260-A	0.0000	-------	-
23	4.93	BV	4399	AR1260-B	-0.0435	-0.0145	3
25	5.39	VB	38179	AR1260-C	0.1604	0.0535	3
			42578			0.0390	

Software Version	: 6.2.1.0.104:0104	Date	: 03/27/2006 10:25:08
Reprocess Number	: buf2046: 36204		
Operator	: tchrom	Sample Name	: ICM3JN
Sample Number	: 0.03NG	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: B
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/25/2006 13:31:38	Cycle	: 3

Raw Data File : H:\TURBO6\5890-14\14b37113.raw <Modified>
Result File : H:\TURBO6\5890-14\14b37113.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14b37113.raw
Proc Method : h:\turbo6\5890-14\nbproc-9-20.mth from H:\TURBO6\5890-14\14b37113.rst
Calib Method : h:\turbo6\5890-14\nb4pcb(11-30-05)4.mth from H:\TURBO6\5890-14\14b37113.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
2	1.54	BB	174487	TMX	0.0326	-------	0
	4.84		17524	AR1260	0.0148	0.0049	3
4	5.70	BB	160123	DCBP	0.0315	-------	0
			352133			0.0049	

3/27/06

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.20		0	AR1242-A	0.0000	-------	-
-	2.48		0	AR1242-B	0.0000	-------	-
-	2.59		0	AR1242-C	0.0000	-------	-
			0			0.0000	

03/27/2006 10:25:08 Result: H:\TURBO6\5890-14\14b37113.rst

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.92		0	AR1248-A	0.0000	------	-
-	3.01		0	AR1248-B	0.0000	------	-
-	3.36		0	AR1248-C	0.0000	------	-
			0			0.0000	

Group Report For : AR1254

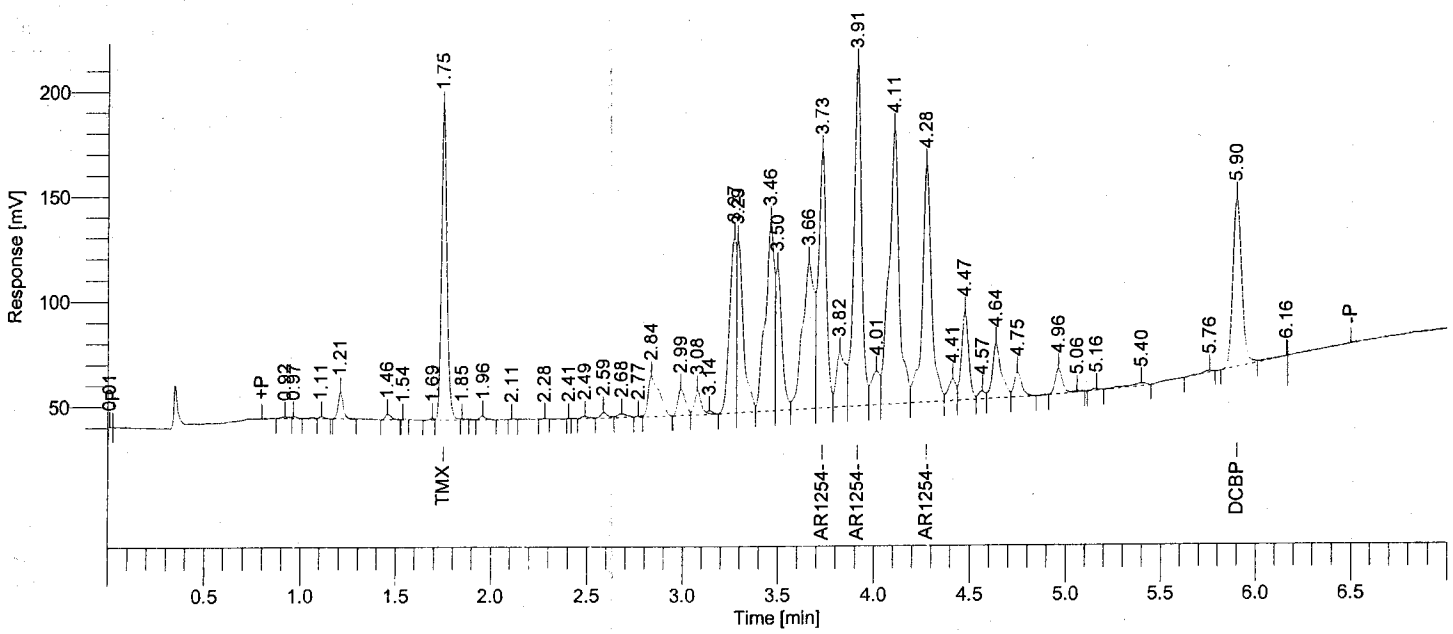
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.65		0	AR1254-A	0.0000	------	-
-	3.77		0	AR1254-B	0.0000	------	-
-	4.16		0	AR1254-C	0.0000	------	-
			0			0.0000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.58		0	AR1260-A	0.0000	------	-
3	4.84	BB	17524	AR1260-B	0.0348	0.0116	3
-	5.24		0	AR1260-C	0.0000	------	-
			17524			0.0116	

Software Version	: 6.2.1.0.104:0104	Date	: 03/27/2006 10:25:39
Reprocess Number	: buf2046: 36225		
Operator	: tchrom	Sample Name	: ICM54VB
Sample Number	: 0.5	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: A
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/25/2006 16:49:02	Cycle	: 14

Raw Data File : H:\TURBO6\5890-14\14a37124.raw <Modified>
Result File : H:\TURBO6\5890-14\14a37124.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14a37124.raw
Proc Method : h:\turbo6\5890-14\naproc-9-20.mth from H:\TURBO6\5890-14\14a37124.rst
Calib Method : h:\turbo6\5890-14\na54(11-30-05)4.mth from H:\TURBO6\5890-14\14a37124.rst
Report Format File: h:\turbo6\5890-14\n%d.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
1.75	VV	299547	TMX	0.0281	1.0667e+07	5.9909e+05	-6.4	1.68 - 1.82
3.91		1190029	AR1254	0.4937	2.4103e+06	2.3801e+06	-1.3	3.84 - 3.98
5.90	BV	258700	DCBP	0.0277	9.3506e+06	5.1740e+05	-7.8	5.83 - 5.97
		1748277		0.5495		3.4966e+06		

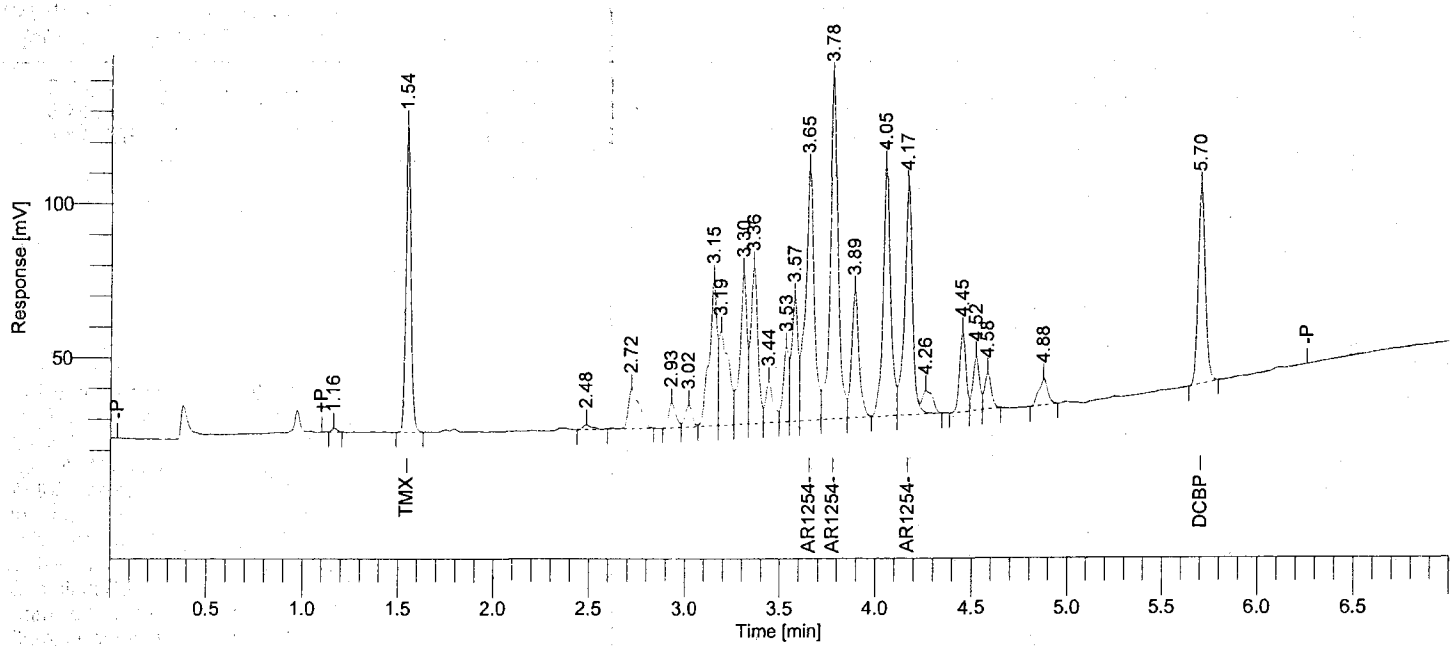
3/27/06

Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
3.73	VV	345033	AR1254-A	0.4307	8.0109e+05	6.9007e+05	-13.9	3.66 - 3.80
3.91	VV	464994	AR1254-B	0.5928	7.8436e+05	9.2999e+05	18.6	3.84 - 3.98
4.28	VV	380003	AR1254-C	0.4607	8.2486e+05	7.6001e+05	-7.9	4.21 - 4.35
		1190029		1.4842		2.3801e+06		

Software Version	: 6.2.1.0.104:0104	Date	: 03/27/2006 10:25:40
Reprocess Number	: buf2046: 36226		
Operator	: tchrom	Sample Name	: ICM54VB
Sample Number	: 0.5	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: B
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/25/2006 16:49:02	Cycle	: 14

Raw Data File : H:\TURBO6\5890-14\14b37124.raw <Modified>
Result File : H:\TURBO6\5890-14\14b37124.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14b37124.raw
Proc Method : h:\turbo6\5890-14\nbproc-9-20.mth from H:\TURBO6\5890-14\14b37124.rst
Calib Method : h:\turbo6\5890-14\nb54(11-30-05)4.mth from H:\TURBO6\5890-14\14b37124.rst
Report Format File: h:\turbo6\5890-14\n%d.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
1.54	BB	180315	TMX	0.0337	5.3493e+06	3.6063e+05	12.4	1.47 - 1.61
3.78		793547	AR1254	0.5775	1.3741e+06	1.5871e+06	15.5	3.71 - 3.85
5.70	BB	170353	DCBP	0.0337	5.0494e+06	3.4071e+05	12.5	5.63 - 5.77
		1144215		0.6449		2.2884e+06		

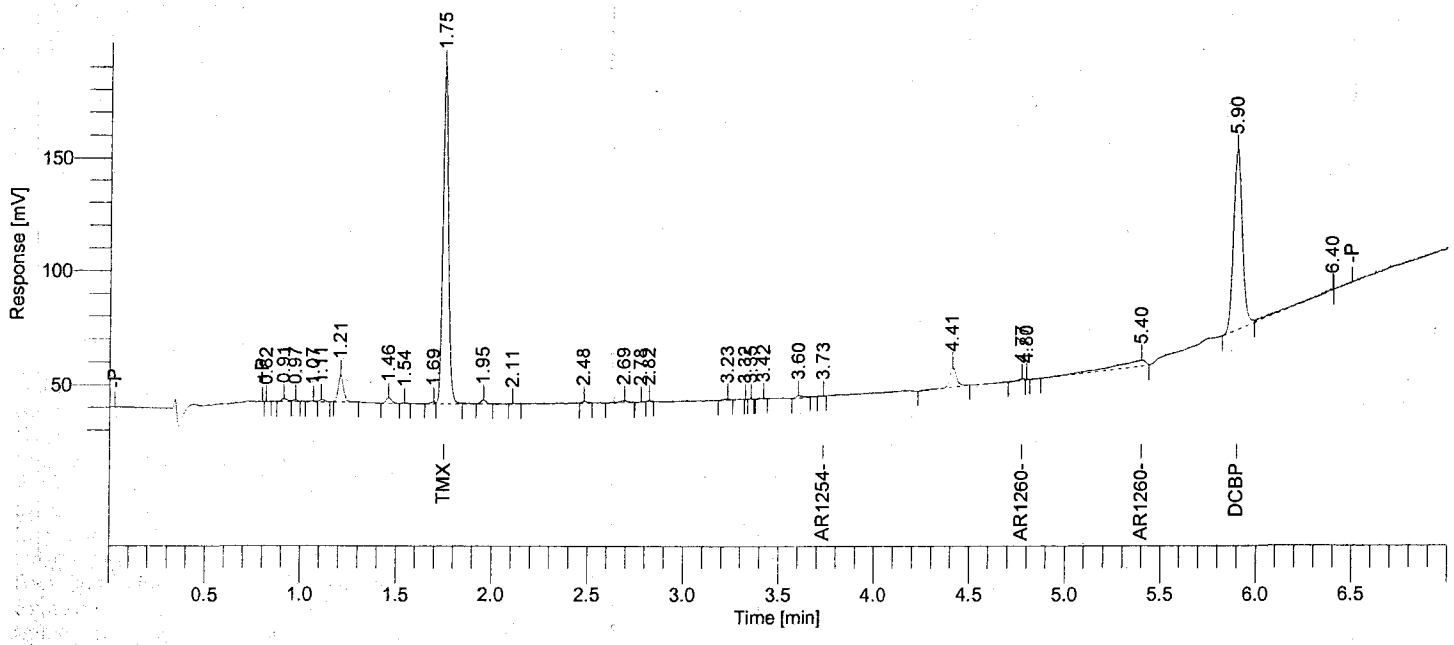
3/27/06

Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
3.65	VV	259068	AR1254-A	0.4924	5.2612e+05	5.1814e+05	-1.5	3.58 - 3.72
3.78	VV	322996	AR1254-B	0.7046	4.5840e+05	6.4599e+05	40.9	3.71 - 3.85
4.17	VE	211483	AR1254-C	0.5428	3.8962e+05	4.2297e+05	8.6	4.10 - 4.24
		793547		1.7398		1.5871e+06		

Software Version	: 6.2.1.0.104:0104	Date	: 03/27/2006 10:25:41
Reprocess Number	: buf2046: 36227		
Operator	: tchrom	Sample Name	: ICM3JN
Sample Number	: 0.03	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: A
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/25/2006 17:06:54	Cycle	: 15

Raw Data File : H:\TURBO6\5890-14\14a37125.raw <Modified>
Result File : H:\TURBO6\5890-14\14a37125.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14a37125.raw
Proc Method : h:\turbo6\5890-14\naproc-9-20.mth from H:\TURBO6\5890-14\14a37125.rst
Calib Method : h:\turbo6\5890-14\na4pcb(11-30-05)4.mth from H:\TURBO6\5890-14\14a37125.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
10	1.75	VV	299234	TMX	0.0281	-------	0
	5.40		35835	AR1260	-0.0275	-9e-03	3
27	5.90	BV	252832	DCBP	0.0270	-------	0
			587901			-9e-03	

DW 3/27/06

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.28		0	AR1242-A	0.0000	-------	-
-	2.41		0	AR1242-B	0.0000	-------	-
-	2.59		0	AR1242-C	0.0000	-------	-
			0			0.0000	

03/27/2006 10:25:41 Result: H:\TURBO6\5890-14\14a37125.rst

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.99		0	AR1248-A	0.0000	------	-
-	3.07		0	AR1248-B	0.0000	------	-
-	3.14		0	AR1248-C	0.0000	------	-
			0			0.0000	

Group Report For : AR1254

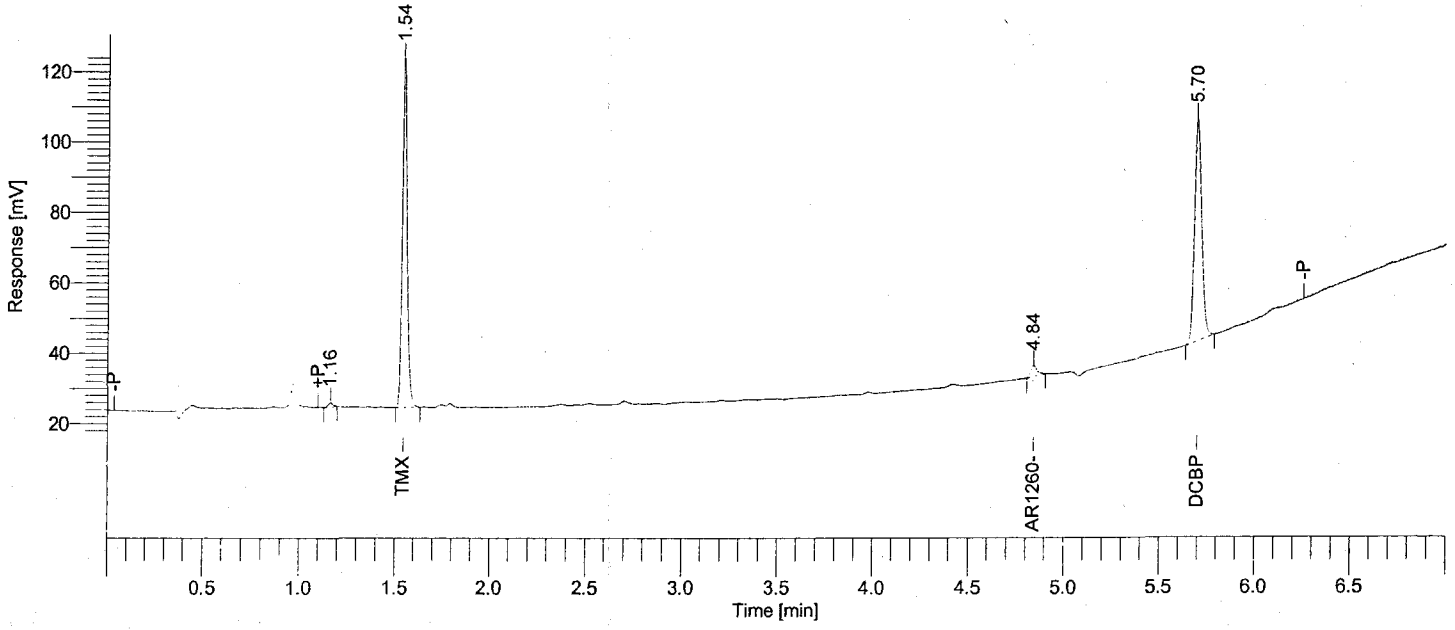
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
22	3.73	VB	314	AR1254-A	3.9e-04	1.3e-04	3
-	3.90		0	AR1254-B	0.0000	------	-
-	4.26		0	AR1254-C	0.0000	------	-
			314			1.3e-04	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
24	4.77	BV	1576	AR1260-A	-0.0553	-0.0184	3
-	4.96		0	AR1260-B	0.0000	------	-
26	5.40	BB	34259	AR1260-C	0.1414	0.0471	3
			35835			0.0287	

Software Version	: 6.2.1.0.104:0104	Date	: 03/27/2006 10:25:43
Reprocess Number	: buf2046: 36228		
Operator	: tchrom	Sample Name	: ICM3JN
Sample Number	: 0.03	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: B
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/25/2006 17:06:54	Cycle	: 15

Raw Data File : H:\TURBO6\5890-14\14b37125.raw <Modified>
Result File : H:\TURBO6\5890-14\14b37125.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14b37125.raw
Proc Method : h:\turbo6\5890-14\nbproc-9-20.mth from H:\TURBO6\5890-14\14b37125.rst
Calib Method : h:\turbo6\5890-14\nb4pcb(11-30-05)4.mth from H:\TURBO6\5890-14\14b37125.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
2	1.54	BB	180182	TMX	0.0337	------	0
	4.84		7204	AR1260	0.0061	0.0020	3
4	5.70	BB	168570	DCBP	0.0333	------	0
			355956			0.0020	

RW 3/27/06

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.20		0	AR1242-A	0.0000	------	-
-	2.48		0	AR1242-B	0.0000	------	-
-	2.59		0	AR1242-C	0.0000	------	-
			0			0.0000	

03/27/2006 10:25:43 Result: H:\TURBO6\5890-14\14b37125.rst

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.92		0	AR1248-A	0.0000	-------	-
-	3.01		0	AR1248-B	0.0000	-------	-
-	3.36		0	AR1248-C	0.0000	-------	-
			0			0.0000	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.65		0	AR1254-A	0.0000	-------	-
-	3.77		0	AR1254-B	0.0000	-------	-
-	4.16		0	AR1254-C	0.0000	-------	-
			0			0.0000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.58		0	AR1260-A	0.0000	-------	-
3	4.84	BB	7204	AR1260-B	0.0143	0.0048	3
-	5.24		0	AR1260-C	0.0000	-------	-
			7204			0.0048	

Raw QC Data

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

Method Blank

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B1574402

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 14A37095.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: _____ _____

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 03/23/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 03/24/2006

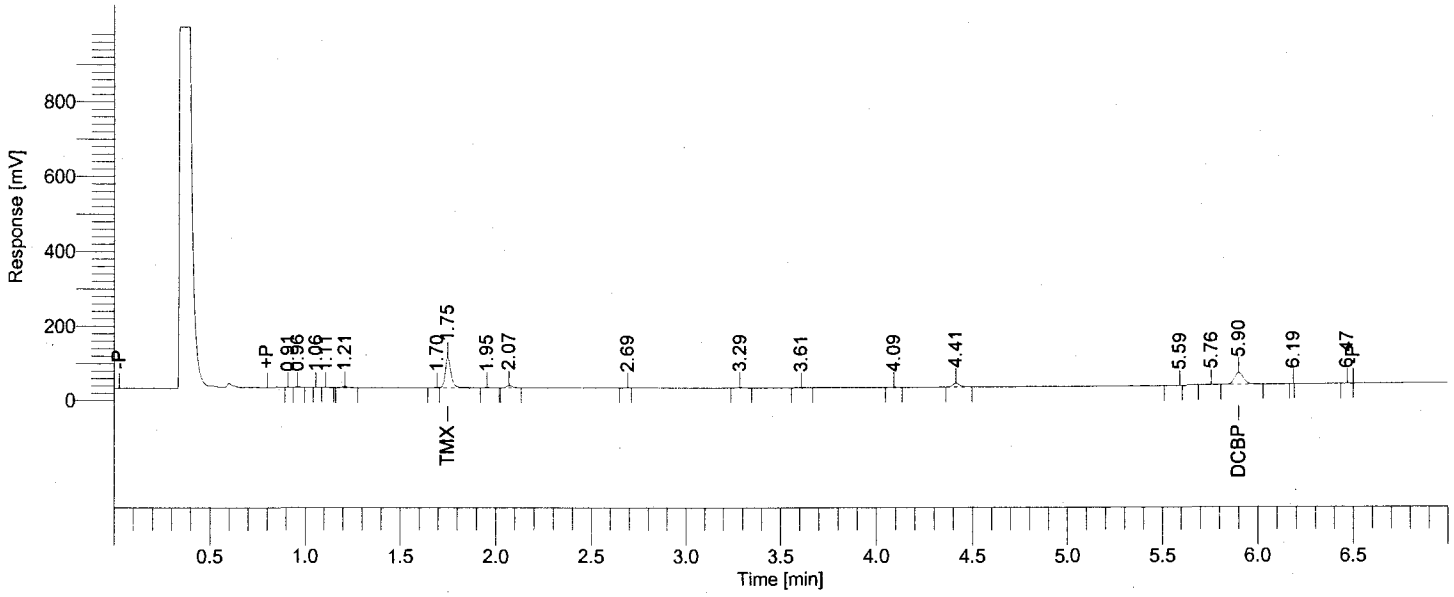
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.50	U
11104-28-2	Aroclor 1221	0.50	U
11141-16-5	Aroclor 1232	0.50	U
53469-21-9	Aroclor 1242	0.50	U
12672-29-6	Aroclor 1248	0.50	U
11097-69-1	Aroclor 1254	0.50	U
11096-82-5	Aroclor 1260	0.50	U

Software Version	: 6.2.1.0.104:0104	Date	: 03/25/2006 11:13:51
Reprocess Number	: buf2042: 97891		
Operator	: tchrom	Sample Name	: AW60016643MBLK
Sample Number	: A6B1574402	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: A
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/24/2006 15:45:41	Cycle	: 9

Raw Data File : H:\TURBO6\5890-14\14a37095.raw <Modified>
Result File : H:\TURBO6\5890-14\14a37095.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14a37095.raw
Proc Method : h:\turbo6\5890-14\naproc-9-20.mth from H:\TURBO6\5890-14\14a37095.rst
Calib Method : h:\turbo6\5890-14\na4pcb(11-30-05)4.mth from H:\TURBO6\5890-14\14a37095.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
7	1.75	VV	170826	TMX	0.0156	------	0
17	5.90	VB	102295	DCBP	0.0086	------	0
			273121			0.0000	

4/5/06

03/25/2006 11:13:51 Result: H:\TURBO6\5890-14\14a37095.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.28		0	AR1242-A	0.0000	-------	-
-	2.41		0	AR1242-B	0.0000	-------	-
-	2.59		0	AR1242-C	0.0000	-------	-
			0			0.0000	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.99		0	AR1248-A	0.0000	-------	-
-	3.07		0	AR1248-B	0.0000	-------	-
-	3.14		0	AR1248-C	0.0000	-------	-
			0			0.0000	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.72		0	AR1254-A	0.0000	-------	-
-	3.90		0	AR1254-B	0.0000	-------	-
-	4.26		0	AR1254-C	0.0000	-------	-
			0			0.0000	

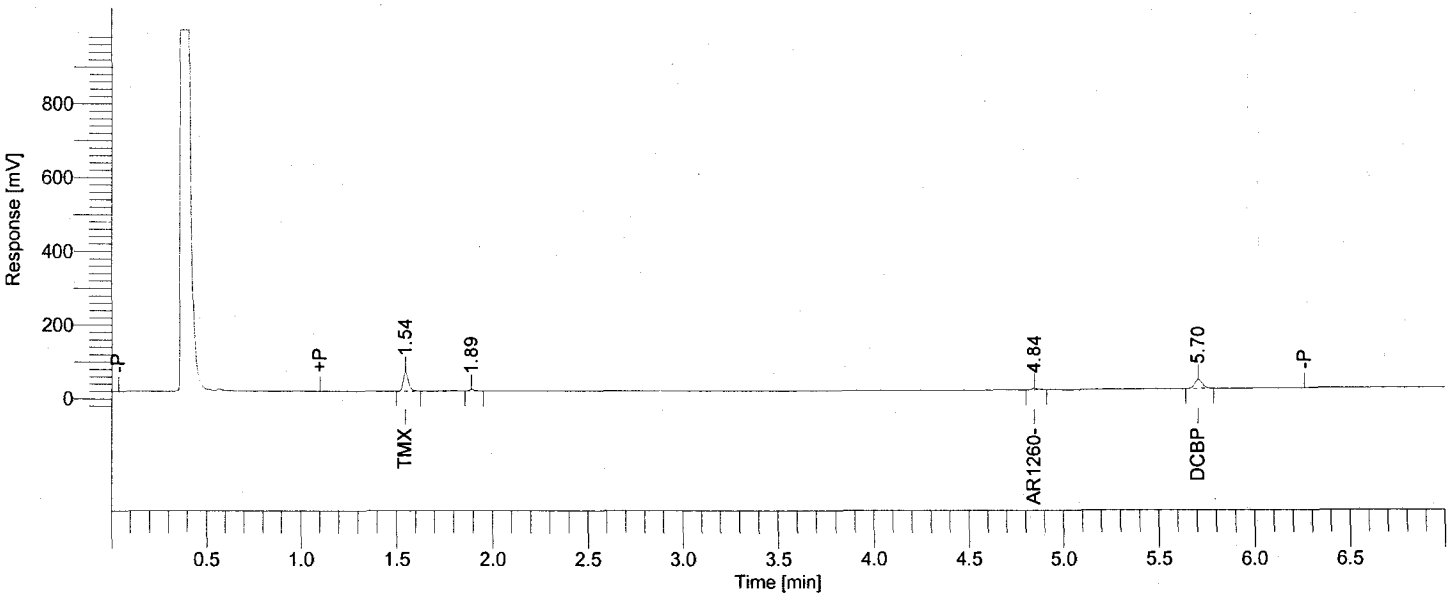
4/3/06

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.74		0	AR1260-A	0.0000	-------	-
-	4.96		0	AR1260-B	0.0000	-------	-
-	5.39		0	AR1260-C	0.0000	-------	-
			0			0.0000	

Software Version	: 6.2.1.0.104:0104	Date	: 03/25/2006 11:13:54
Reprocess Number	: buf2042: 97892		
Operator	: tchrom	Sample Name	: AW60016643MBLK
Sample Number	: A6B1574402	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: B
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/24/2006 15:45:41	Cycle	: 9

Raw Data File : H:\TURBO6\5890-14\14b37095.raw <Modified>
Result File : H:\TURBO6\5890-14\14b37095.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14b37095.raw
Proc Method : h:\turbo6\5890-14\nbproc-9-20.mth from H:\TURBO6\5890-14\14b37095.rst
Calib Method : h:\turbo6\5890-14\nb4pcb(11-30-05)4.mth from H:\TURBO6\5890-14\14b37095.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
1	1.54	BV	96536	TMX	0.0171	-------	0
	4.84		9588	AR1260	0.0081	0.0027	3
4	5.70	BB	66298	DCBP	0.0107	-------	0
			172422			0.0027	

4/5/06

03/25/2006 11:13:54 Result: H:\TURBO6\5890-14\14b37095.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.20		0	AR1242-A	0.0000	-------	-
-	2.48		0	AR1242-B	0.0000	-------	-
-	2.59		0	AR1242-C	0.0000	-------	-
			0			0.0000	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.92		0	AR1248-A	0.0000	-------	-
-	3.01		0	AR1248-B	0.0000	-------	-
-	3.36		0	AR1248-C	0.0000	-------	-
			0			0.0000	

4/5/06

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.65		0	AR1254-A	0.0000	-------	-
-	3.77		0	AR1254-B	0.0000	-------	-
-	4.16		0	AR1254-C	0.0000	-------	-
			0			0.0000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.58		0	AR1260-A	0.0000	-------	-
3	4.84	BB	9588	AR1260-B	0.0190	0.0063	3
-	5.24		0	AR1260-C	0.0000	-------	-
			9588			0.0063	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

Matrix Spike Blank

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B1574401

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 14A37094.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: _____ _____

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 03/23/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 03/24/2006

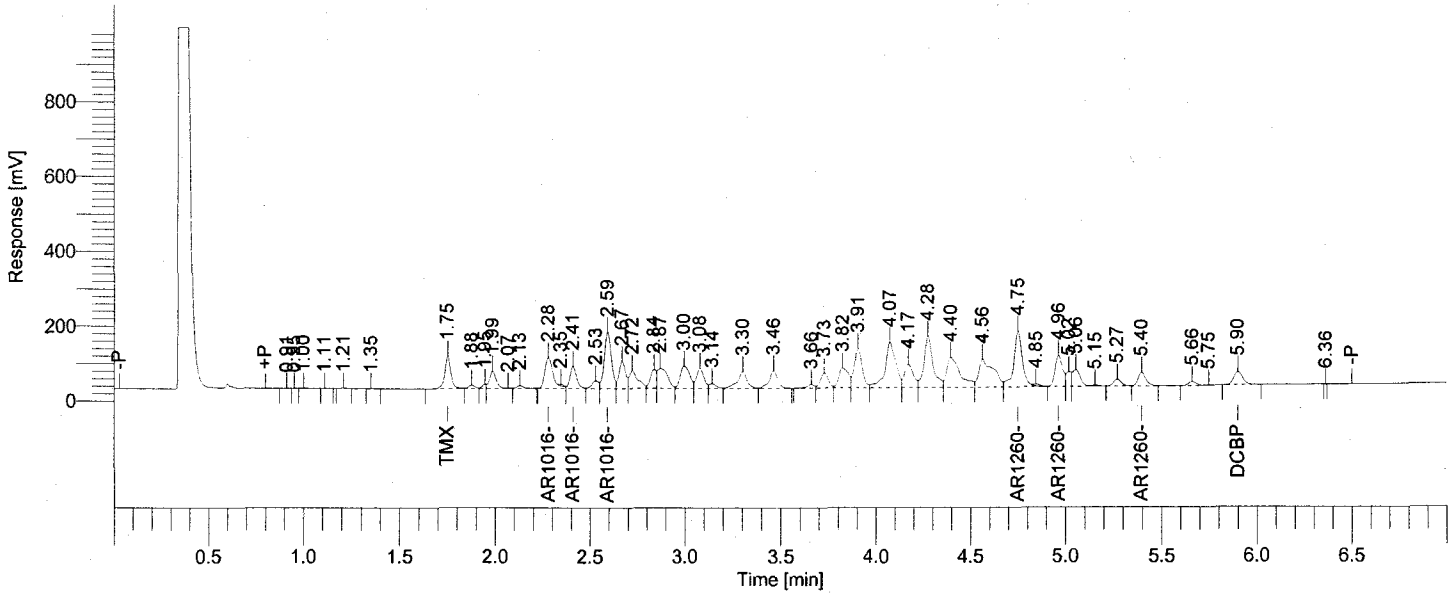
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	4.9	
11104-28-2	Aroclor 1221	0.50	U
11141-16-5	Aroclor 1232	0.50	U
53469-21-9	Aroclor 1242	0.50	U
12672-29-6	Aroclor 1248	0.50	U
11097-69-1	Aroclor 1254	0.50	U
11096-82-5	Aroclor 1260	4.9	

Software Version	: 6.2.1.0.104:0104	Date	: 03/25/2006 11:13:45
Reprocess Number	: buf2042: 97889		
Operator	: tchrom	Sample Name	: AW60016642MSB
Sample Number	: A6B1574401	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: A
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/24/2006 15:27:48	Cycle	: 8

Raw Data File : H:\TURBO6\5890-14\14a37094.raw <Modified>
Result File : H:\TURBO6\5890-14\14a37094.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14a37094.raw
Proc Method : h:\turbo6\5890-14\naproc-9-20.mth from H:\TURBO6\5890-14\14a37094.rst
Calib Method : h:\turbo6\5890-14\na66(11-30-05)4.mth from H:\TURBO6\5890-14\14a37094.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
7	1.75	BV	185782	TMX	0.0171	-------	0
	2.59		794296	AR1016	0.4871	0.1624	3
	4.75		793474	AR1260	0.4907	0.1636	3
46	5.90	VB	111857	DCBP	0.0098	-------	0
			1885359			0.3259	

4/5/06

03/25/2006 11:13:45 Result: H:\TURBO6\5890-14\14a37094.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
13	2.28	BE	252244	AR1016-A	0.4932	0.1644	3
15	2.41	VV	146268	AR1016-B	0.4852	0.1617	3
17	2.59	VV	395783	AR1016-C	0.4842	0.1614	3
			794296			0.4875	

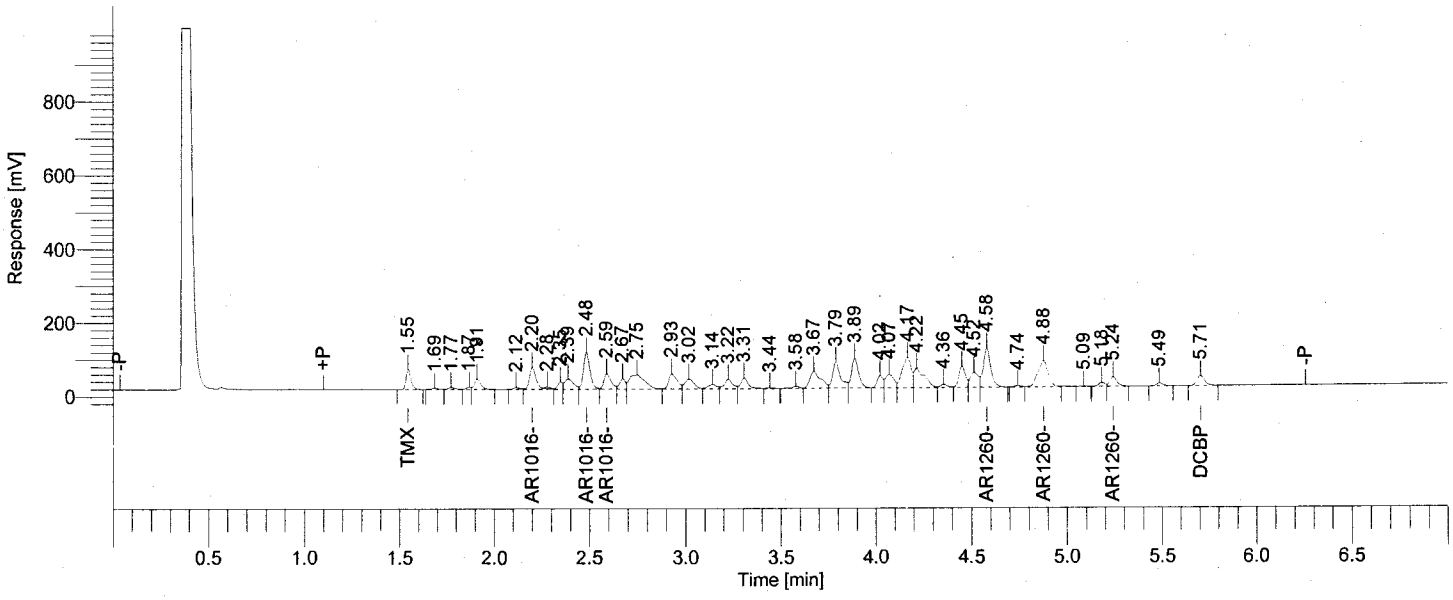
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
36	4.75	VE	470651	AR1260-A	0.4847	0.1616	3
38	4.96	VV	221520	AR1260-B	0.5165	0.1722	3
43	5.40	VB	101304	AR1260-C	0.4673	0.1558	3
			793474			0.4895	

4/5/06

Software Version	: 6.2.1.0.104:0104	Date	: 03/25/2006 11:13:48
Reprocess Number	: buf2042: 97890		
Operator	: tchrom	Sample Name	: AW60016642MSB
Sample Number	: A6B1574401	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: B
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/24/2006 15:27:48	Cycle	: 8

Raw Data File : H:\TURBO6\5890-14\14b37094.raw <Modified>
Result File : H:\TURBO6\5890-14\14b37094.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14b37094.raw
Proc Method : h:\turbo6\5890-14\nbproc-9-20.mth from H:\TURBO6\5890-14\14b37094.rst
Calib Method : h:\turbo6\5890-14\nb66(11-30-05)4.mth from H:\TURBO6\5890-14\14b37094.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
1	1.55	BV	99241	TMX	0.0177	-------	0
	2.48		490568	AR1016	0.4755	0.1585	3
	4.58		620131	AR1260	0.5220	0.1740	3
39	5.71	BB	74103	DCBP	0.0124	-------	0
			1284042			0.3325	

4/5/06

03/25/2006 11:13:48 Result: H:\TURBO6\5890-14\14b37094.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
7	2.20	VE	147067	AR1016-A	0.4615	0.1538	3
11	2.48	VV	235304	AR1016-B	0.4766	0.1589	3
12	2.59	VV	108197	AR1016-C	0.4936	0.1645	3
			490568			0.4772	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
32	4.58	VV	287948	AR1260-A	0.5144	0.1715	3
34	4.88	VV	265551	AR1260-B	0.5274	0.1758	3
37	5.24	VB	66632	AR1260-C	0.5345	0.1782	3
			620131			0.5254	

4/5/04

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-03-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6304703MS

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 14A37099.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 03/21/2006 03/22/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 03/23/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 03/24/2006

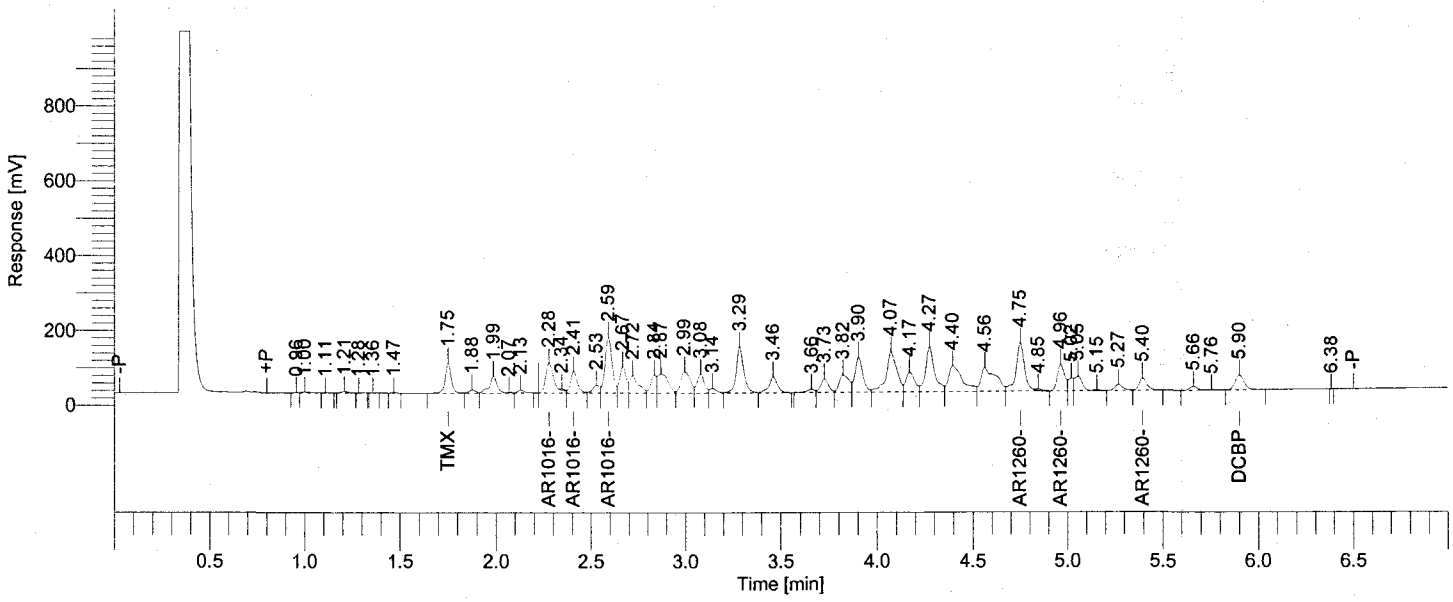
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	4.6	
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	4.0	

Software Version	: 6.2.1.0.104:0104	Date	: 03/25/2006 11:14:15
Reprocess Number	: buf2042: 97899		
Operator	: tchrom	Sample Name	: AW60016625MS
Sample Number	: A6304703MS	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: A
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/24/2006 16:57:47	Cycle	: 13

Raw Data File : H:\TURBO6\5890-14\14a37099.raw <Modified>
Result File : H:\TURBO6\5890-14\14a37099.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14a37099.raw
Proc Method : h:\turbo6\5890-14\naproc-9-20.mth from H:\TURBO6\5890-14\14a37099.rst
Calib Method : h:\turbo6\5890-14\na66(11-30-05)4.mth from H:\TURBO6\5890-14\14a37099.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
8	1.75	BV	175767	TMX	0.0161	-------	0
	2.59		783896	AR1016	0.4799	0.1600	3
	4.75		687475	AR1260	0.4182	0.1394	3
46	5.90	VB	128345	DCBP	0.0118	-------	0
			1775483			0.2994	

4/5/06

03/25/2006 11:14:15 Result: H:\TURBO6\5890-14\14a37099.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
13	2.28	VE	247634	AR1016-A	0.4827	0.1609	3
15	2.41	VV	148236	AR1016-B	0.4927	0.1642	3
17	2.59	VV	388026	AR1016-C	0.4737	0.1579	3
			783896			0.4830	

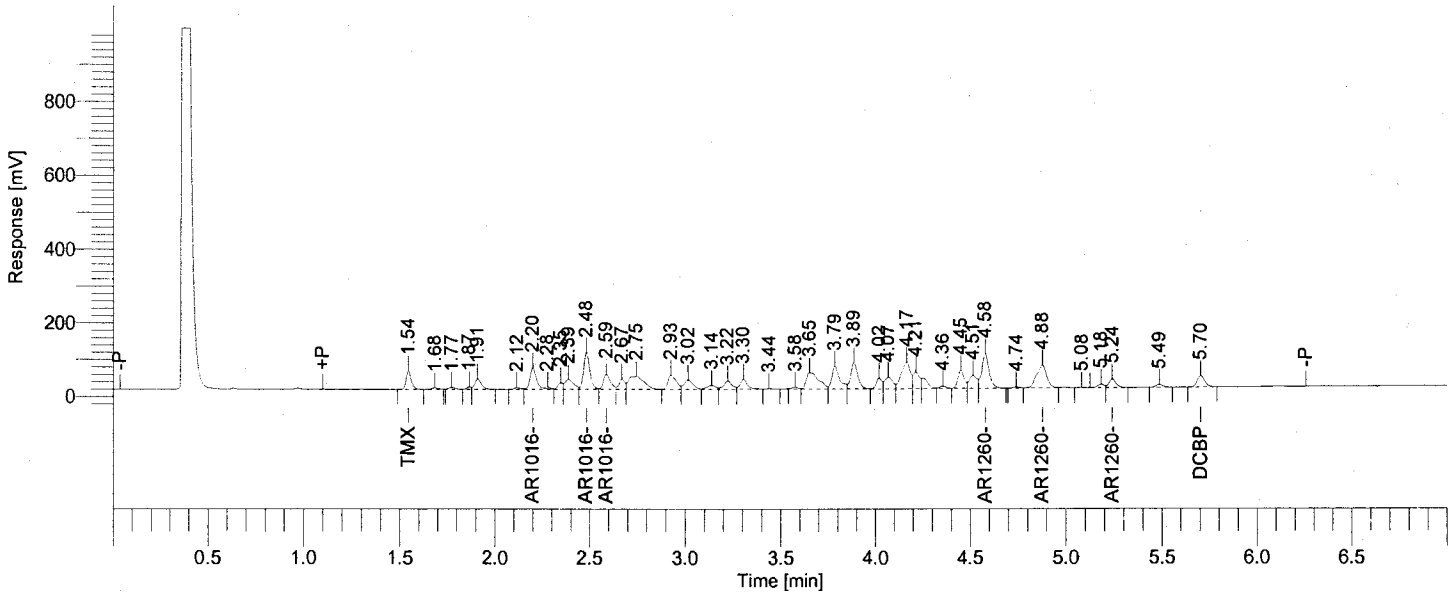
4/5/06

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
36	4.75	VE	406526	AR1260-A	0.4109	0.1370	3
38	4.96	VV	189433	AR1260-B	0.4337	0.1446	3
43	5.40	VB	91515	AR1260-C	0.4197	0.1399	3
			687475			0.4215	

Software Version	: 6.2.1.0.104:0104	Date	: 03/25/2006 11:14:18
Reprocess Number	: buf2042: 97900		
Operator	: tchrom	Sample Name	: AW60016625MS
Sample Number	: A6304703MS	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: B
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/24/2006 16:57:47	Cycle	: 13

Raw Data File : H:\TURBO6\5890-14\14b37099.raw <Modified>
Result File : H:\TURBO6\5890-14\14b37099.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14b37099.raw
Proc Method : h:\turbo6\5890-14\nbproc-9-20.mth from H:\TURBO6\5890-14\14b37099.rst
Calib Method : h:\turbo6\5890-14\nb66(11-30-05)4.mth from H:\TURBO6\5890-14\14b37099.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
1	1.54	BV	91993	TMX	0.0162	-------	0
	2.48		478473	AR1016	0.4638	0.1546	3
	4.58		528651	AR1260	0.4450	0.1483	3
39	5.70	BB	83839	DCBP	0.0146	-------	0
			1182956			0.3029	

4/5/06

03/25/2006 11:14:18 Result: H:\TURBO6\5890-14\14b37099.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
7	2.20	VE	142430	AR1016-A	0.4469	0.1490	3
11	2.48	VV	231740	AR1016-B	0.4694	0.1565	3
12	2.59	VV	104302	AR1016-C	0.4758	0.1586	3
			478473			0.4640	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
32	4.58	VB	247739	AR1260-A	0.4426	0.1475	3
34	4.88	VB	221525	AR1260-B	0.4400	0.1467	3
37	5.24	VB	59387	AR1260-C	0.4764	0.1588	3
			528651			0.4530	

4/5/06 LM

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-03-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6304703SD

Sample wt/vol: 1045.00 (g/mL) ML Lab File ID: 14A37100.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 03/21/2006 03/22/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 03/23/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 03/24/2006

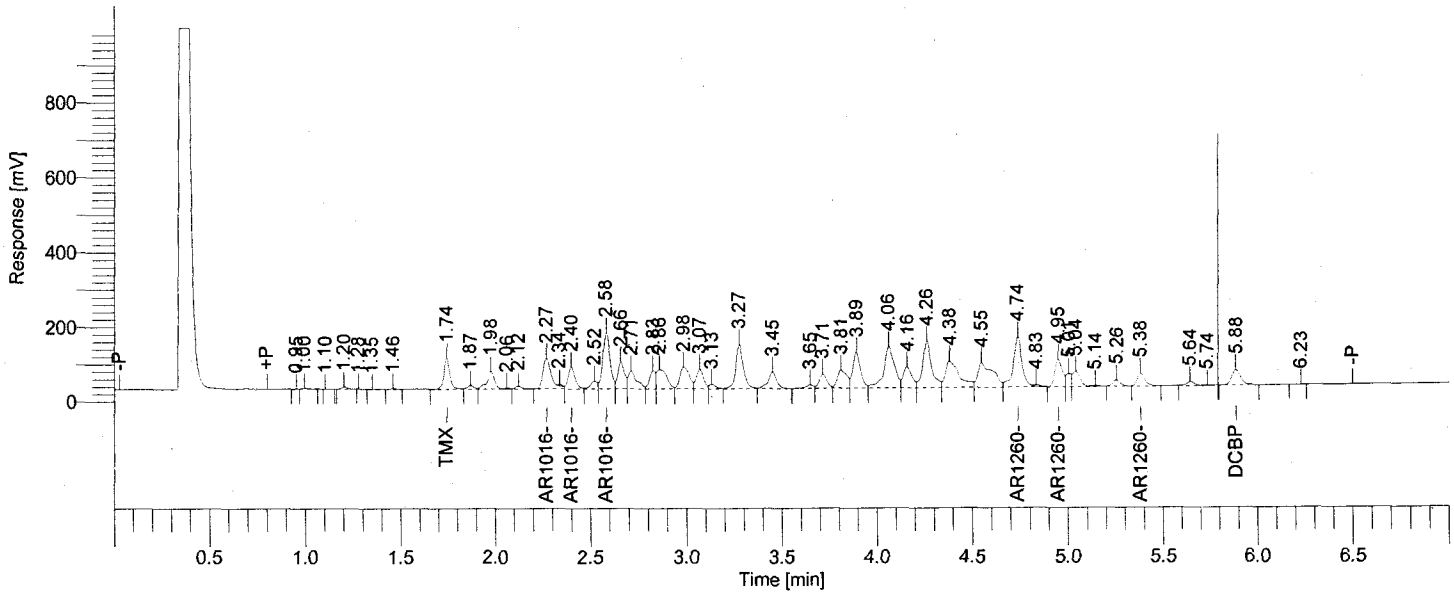
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	4.7	
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	4.3	

Software Version	: 6.2.1.0.104:0104	Date	: 03/25/2006 11:14:20
Reprocess Number	: buf2042: 97901		
Operator	: tchrom	Sample Name	: AW60016626SD
Sample Number	: A6304703SD	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: A
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/24/2006 17:15:36	Cycle	: 14

Raw Data File : H:\TURBO6\5890-14\14a37100.raw <Modified>
Result File : H:\TURBO6\5890-14\14a37100.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14a37100.raw
Proc Method : h:\turbo6\5890-14\naproc-9-20.mth from H:\TURBO6\5890-14\14a37100.rst
Calib Method : h:\turbo6\5890-14\na66(11-30-05)4.mth from H:\TURBO6\5890-14\14a37100.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
8	1.74	BV	180847	TMX	0.0166	------	0
	2.58		794798	AR1016	0.4875	0.1625	3
	4.74		722965	AR1260	0.4425	0.1475	3
46	5.88	VV	135715	DCBP	0.0127	------	0
			1834326			0.3100	

4/5/06

03/25/2006 11:14:20 Result: H:\TURBO6\5890-14\14a37100.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
13	2.27	VE	251002	AR1016-A	0.4904	0.1635	3
15	2.40	VV	147702	AR1016-B	0.4906	0.1635	3
17	2.58	VV	396094	AR1016-C	0.4846	0.1615	3
			794798			0.4885	

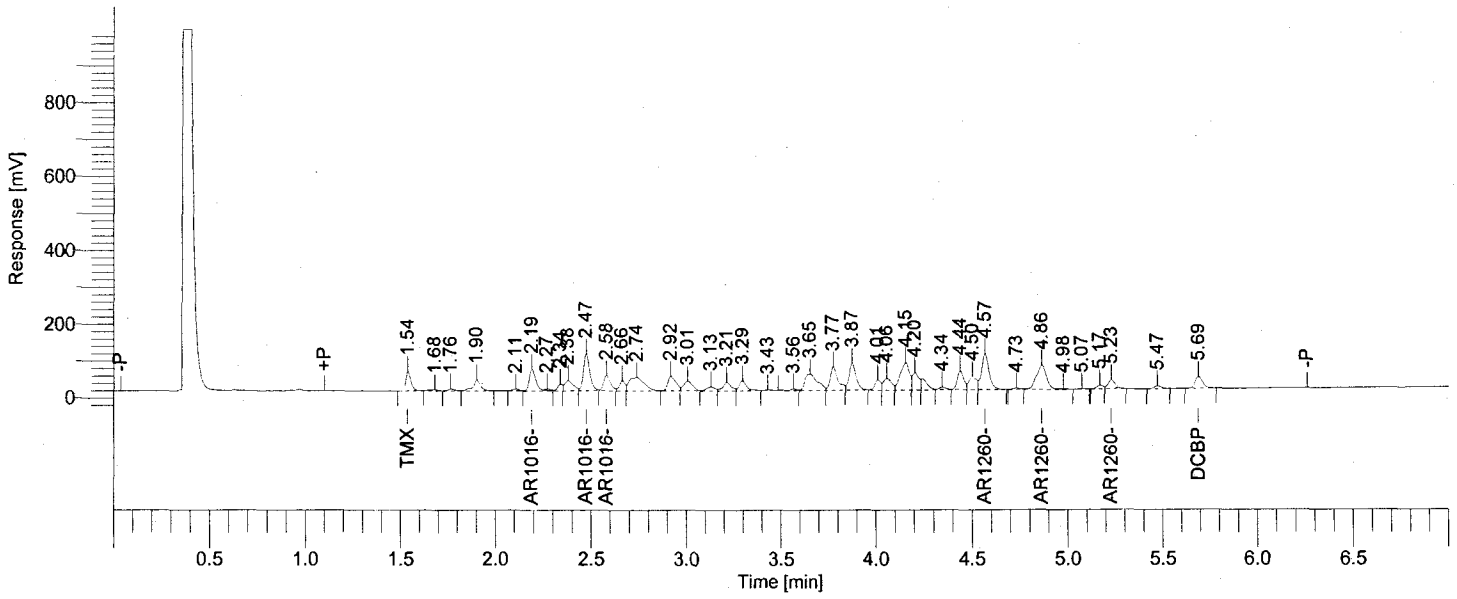
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
36	4.74	VE	426352	AR1260-A	0.4337	0.1446	3
38	4.95	VV	199654	AR1260-B	0.4601	0.1534	3
43	5.38	VB	96960	AR1260-C	0.4462	0.1487	3
			722965			0.4467	

4/5/06

Software Version	: 6.2.1.0.104:0104	Date	: 03/25/2006 11:14:23
Reprocess Number	: buf2042: 97902		
Operator	: tchrom	Sample Name	: AW60016626SD
Sample Number	: A6304703SD	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-14	Channel	: B
Interface Serial #	: 9055570475	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/24/2006 17:15:36	Cycle	: 14

Raw Data File : H:\TURBO6\5890-14\14b37100.raw <Modified>
Result File : H:\TURBO6\5890-14\14b37100.rst
Inst Method : H:\TURBO6\5890-14\14dins from H:\TURBO6\5890-14\14b37100.raw
Proc Method : h:\turbo6\5890-14\nbproc-9-20.mth from H:\TURBO6\5890-14\14b37100.rst
Calib Method : h:\turbo6\5890-14\nb66(11-30-05)4.mth from H:\TURBO6\5890-14\14b37100.rst
Report Format File: h:\turbo6\5890-14\nsamp.rpt
Sequence File : H:\TURBO6\5890-14\14D37.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
1	1.54	BV	94323	TMX	0.0167	-------	0
	2.47		485590	AR1016	0.4707	0.1569	3
	4.57		557767	AR1260	0.4695	0.1565	3
39	5.69	BB	86410	DCBP	0.0151	-------	0
			1224090			0.3134	

4/5/06

03/25/2006 11:14:23 Result: H:\TURBO6\5890-14\14b37100.rst

Group Report For : AR1016

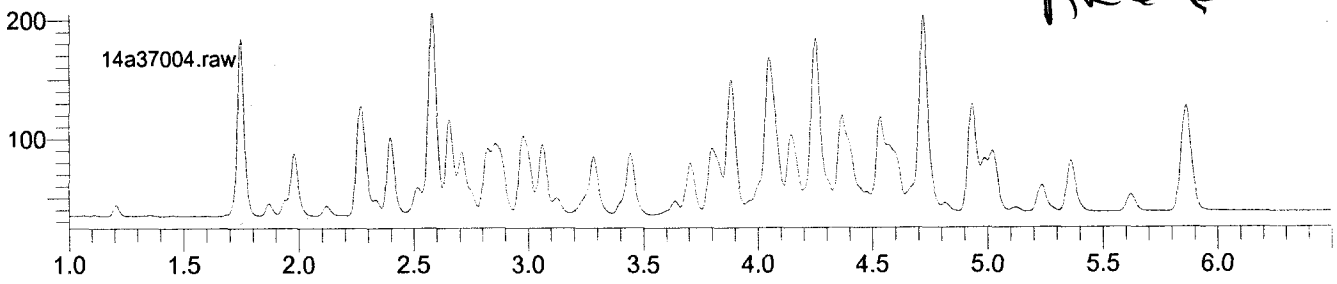
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
6	2.19	VE	144251	AR1016-A	0.4527	0.1509	3
10	2.47	VV	235599	AR1016-B	0.4772	0.1591	3
11	2.58	VV	105740	AR1016-C	0.4824	0.1608	3
			485590			0.4707	

Group Report For : AR1260

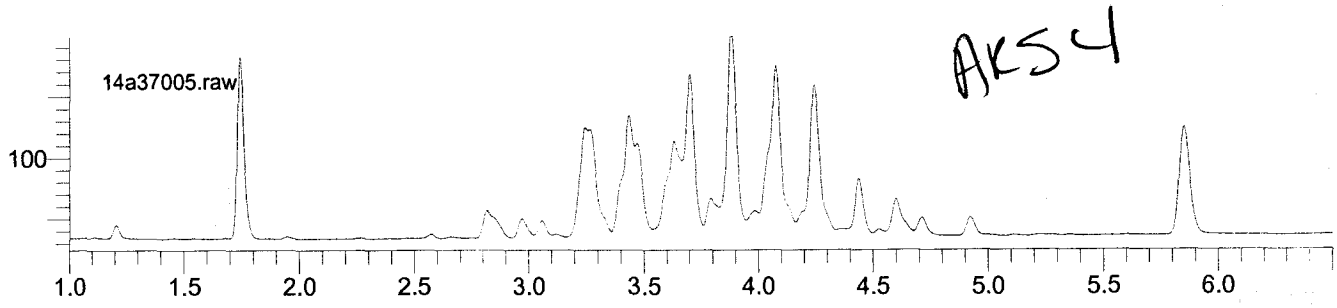
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
31	4.57	VB	258490	AR1260-A	0.4618	0.1539	3
33	4.86	VE	237191	AR1260-B	0.4711	0.1570	3
37	5.23	VB	62085	AR1260-C	0.4980	0.1660	3
			557767			0.4770	

4/5/06

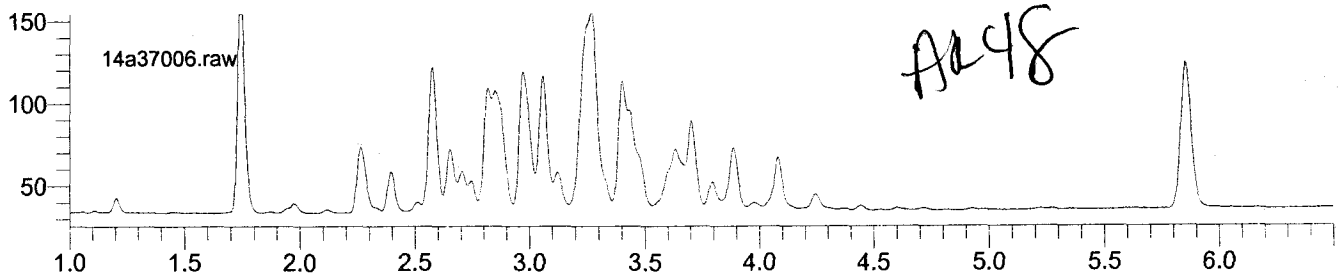
AR66



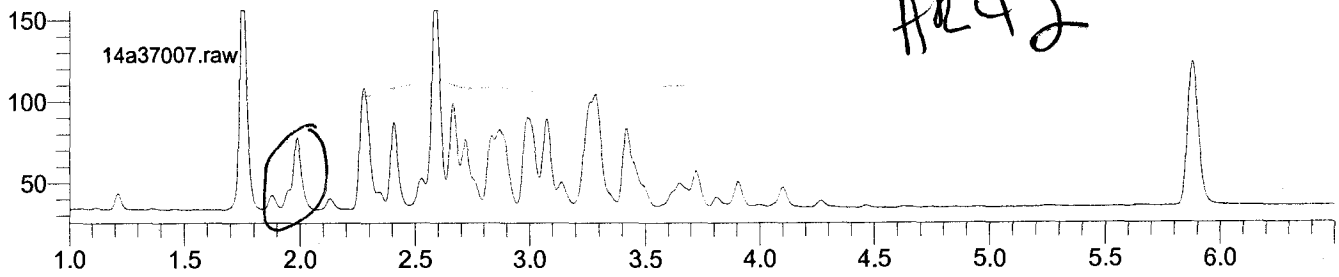
AR54



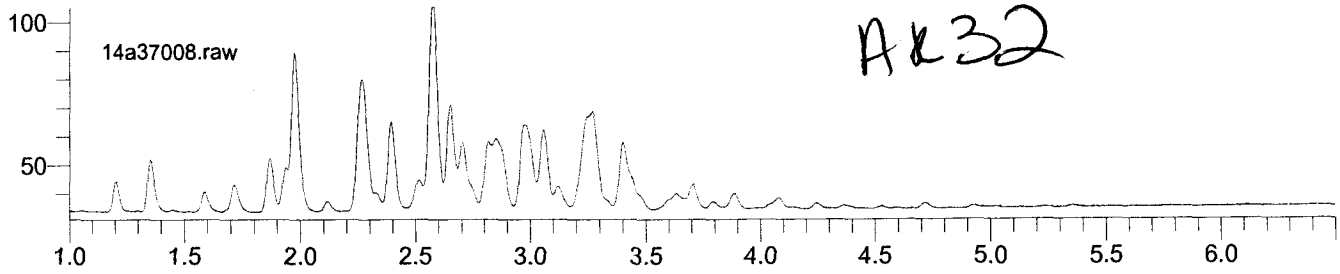
AR48



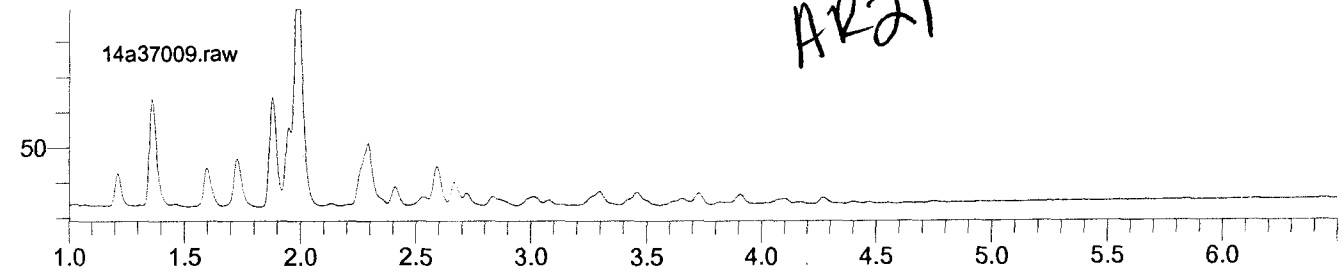
AR42

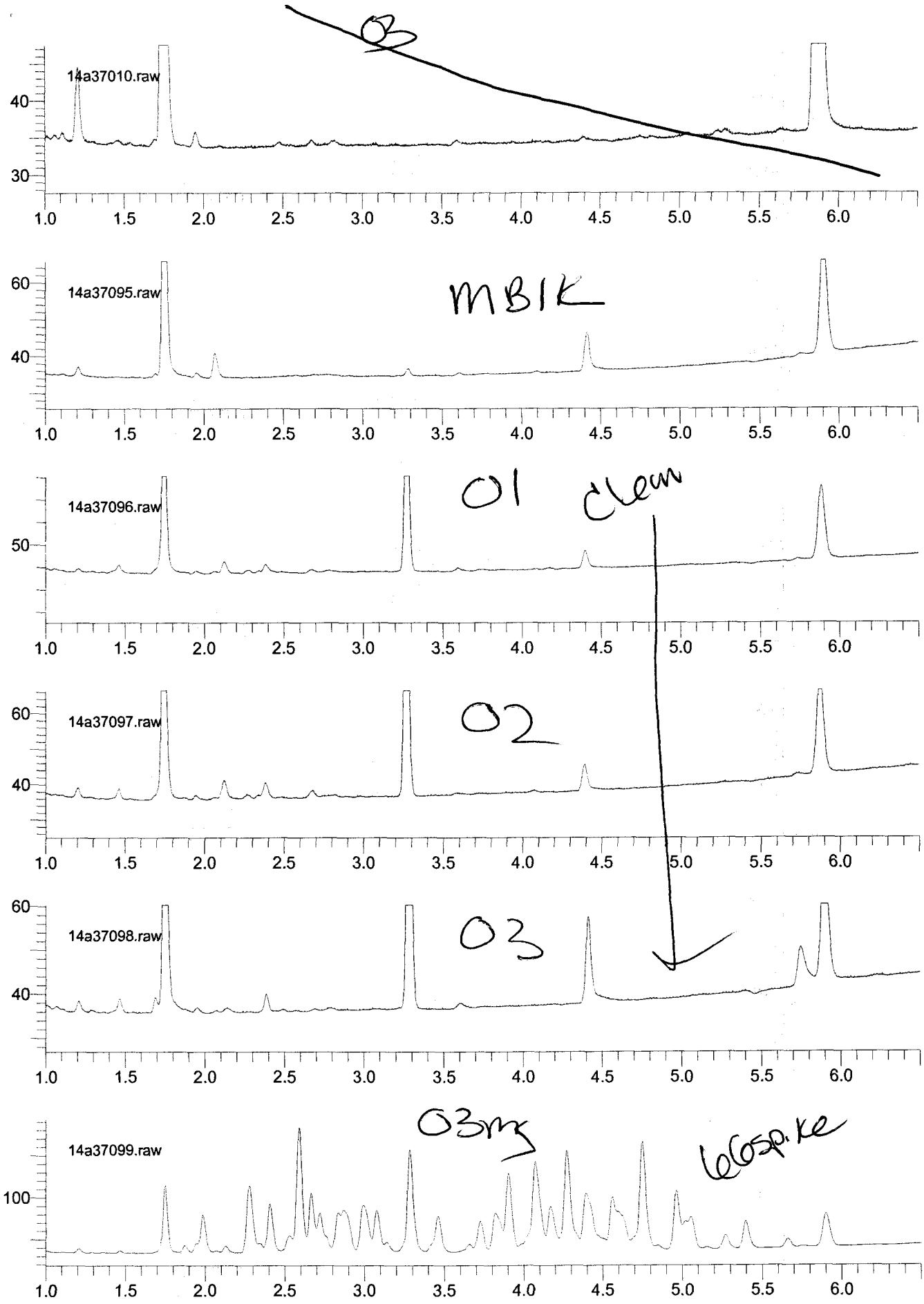


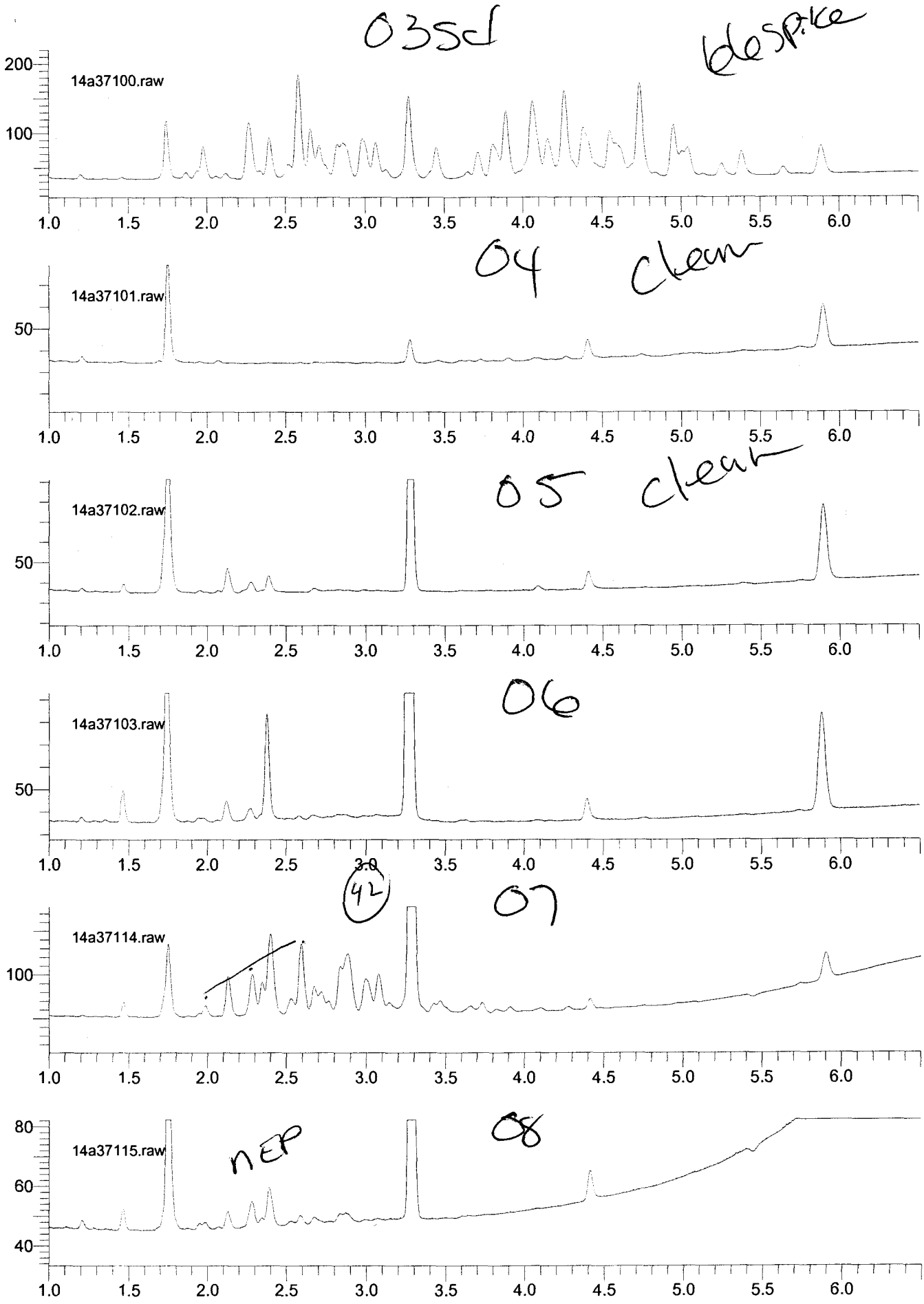
AR32

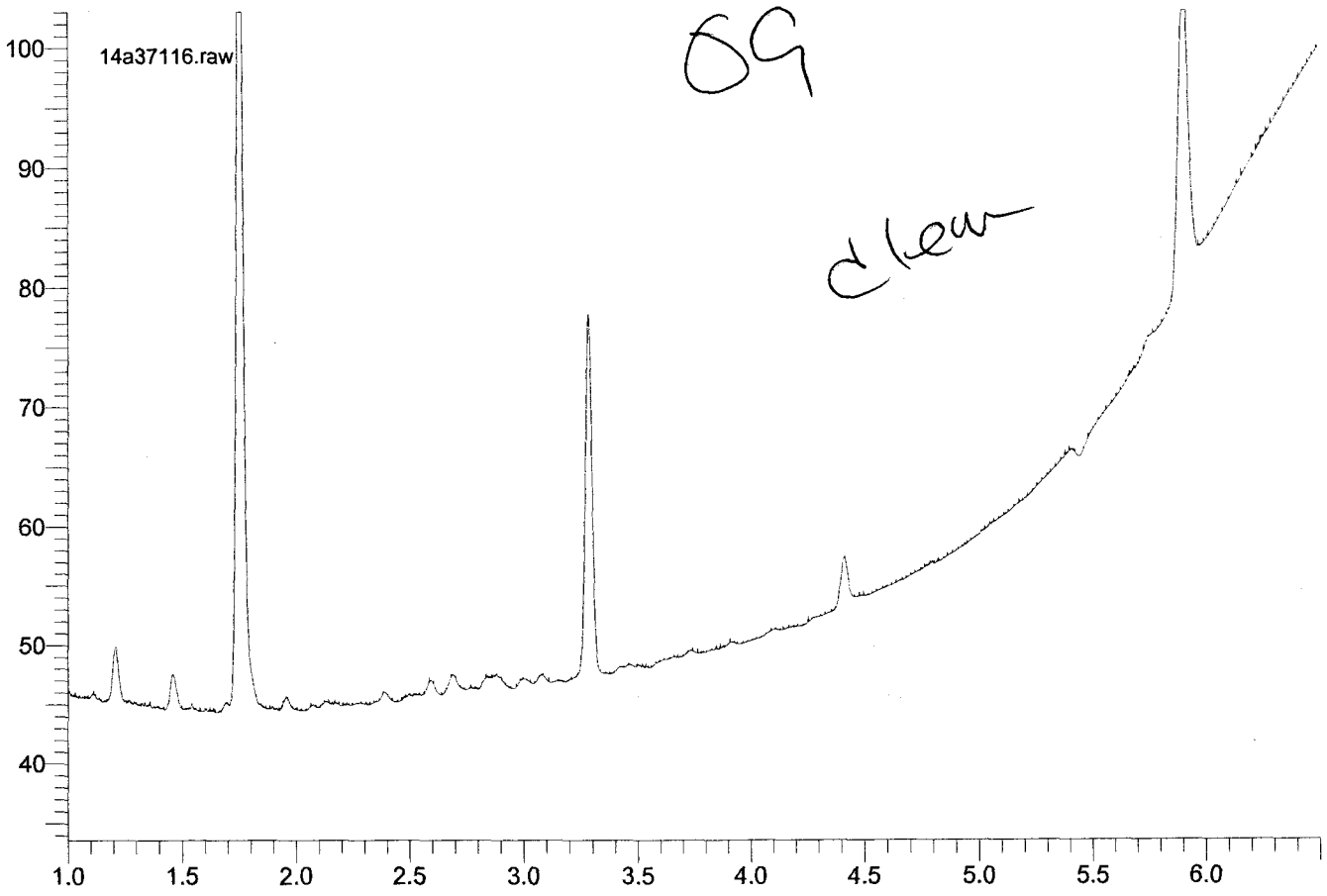


AR21



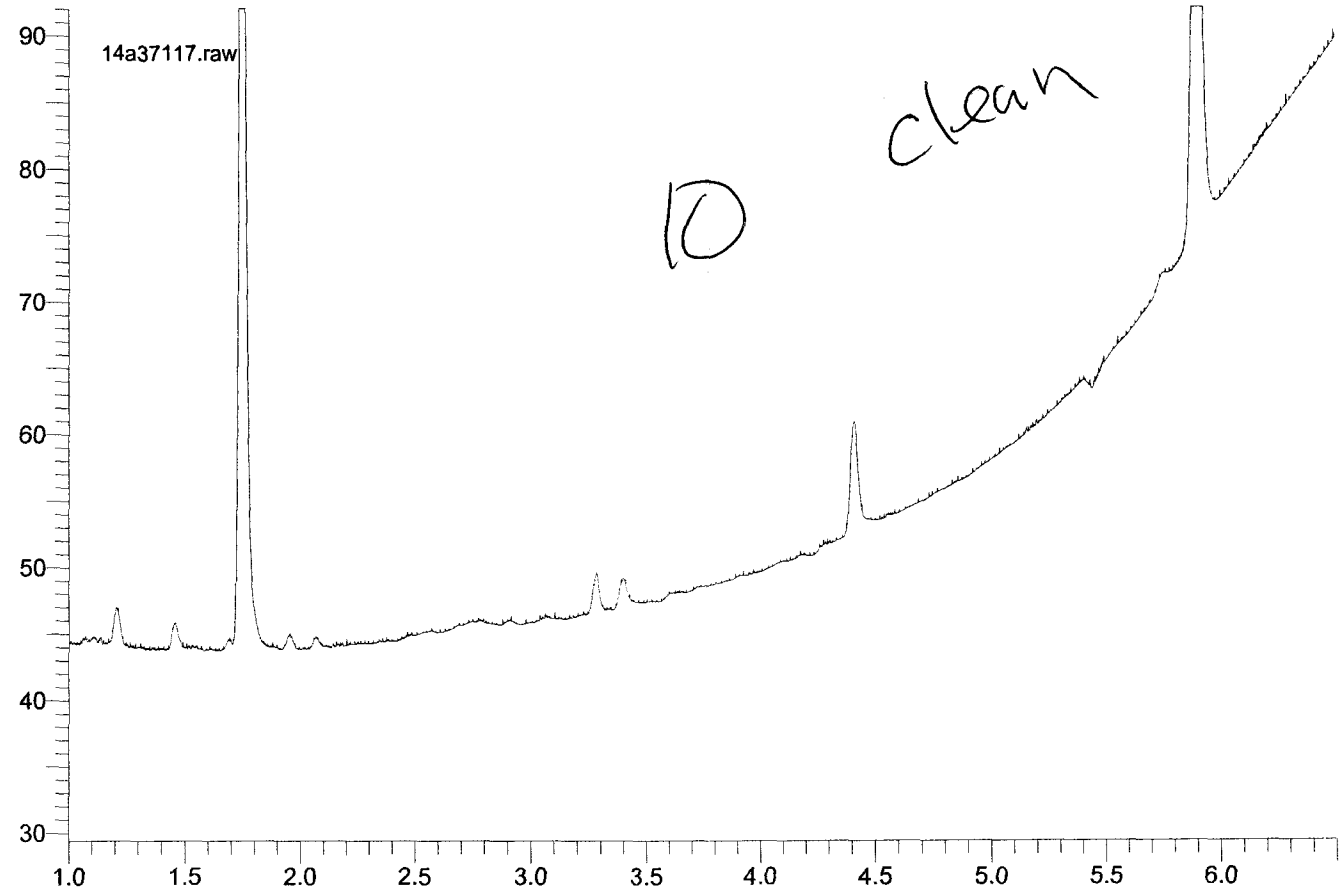

14a37010.raw
14a37095.raw
MBIK
14a37096.raw
01
clean
14a37097.raw
02
14a37098.raw
03
14a37099.raw
03mg
66050.ke


035cl
despike
14a37100.raw
200
100
1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5 6.0
04 clean
14a37101.raw
50
1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5 6.0
05 clean
14a37102.raw
50
1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5 6.0
06
14a37103.raw
50
1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5 6.0
42
07
14a37114.raw
100
1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5 6.0
14a37115.raw
nEP
08
80
60
40
1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5 6.0



SG

clean



10

clean

SIL Buffalo
Date: 03/23/2006
Time: 13:28:09

Organic Prep Log Book
(3510C) 8082 PCB WATERS
A6B15744

Rept: AN050

SURROGATE A35
Expiration Date: 9-3-06
Prepared by: CM
Spiked by: AJ 1000.00 ul
Witnessed by:

MATRIX SPIKE A222
Expiration Date: 6-5-06
Prepared by: EKD
Spiked by: [illegible] 1000.00 ul
Witnessed by:

MeCl2: C09284
Acetone:
Hexane: 051E25
Na2So4: 042607
1:1 H2SO4:
10 N NaOH:

Date Ext/Initials: 3-23-06 AJ

Date Cleanup/Initials: 3-23-06 MW

Extraction Type: (SEPF) or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: 3-23-06 MW

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	Protoc	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A06-3047	A6304701	4	FS 54	AW60016622	PCBS	SW8463	8082	A00035		Lt. yellow	6	1055	10.0
A06-3047	A6304702		FS	AW60016623	PCBS	SW8463	8082	A00035				1050	
A06-3047	A6304703		FS	AW60016624	PCBS	SW8463	8082	A00035				1045	
A06-3047	A6304703MS		MS	AW60016625	PCBS	SW8463	8082	A00035	A00222			1050	
A06-3047	A6304703SD		SD	AW60016626	PCBS	SW8463	8082	A00035	A00222			1045	
A06-3047	A6304704		FS	AW60016627	PCBS	SW8463	8082	A00035				1040	
A06-3047	A6304705		FS	AW60016628	PCBS	SW8463	8082	A00035				1040	
A06-3047	A6304706		FS	AW60016629	PCBS	SW8463	8082	A00035				1050	
A06-3047	A6304707		FS	AW60016630	PCBS	SW8463	8082	A00035				1020	
A06-3047	A6304708		FS	AW60016631	PCBS	SW8463	8082	A00035				1040	
A06-3047	A6304709		FS	AW60016632	PCBS	SW8463	8082	A00035				1055	
A06-3047	A6304710		FS	AW60016633	PCBS	SW8463	8082	A00035				↓	
A06-3048	A6304801		FS	AW60016634	PCBS	SW8463	8082	A00035				1060	
A06-3048	A6304801MS		MS	AW60016635	PCBS	SW8463	8082	A00035	A00222			↓	
A06-3048	A6304801SD		SD	AW60016636	PCBS	SW8463	8082	A00035	A00222			↓	
A06-3048	A6304802		FS	AW60016637	PCBS	SW8463	8082	A00035				1060	

SIL Buffalo
Date: 03/23/2006
Time: 13:28:09

Organic Prep Log Book
(3510C) 8082 PCB WATERS
A6B15744

Rept: AN050

272/730

SURROGATE
Expiration Date:
Prepared by:
Spiked by:
Witnessed by:
0.00 ul

MATRIX SPIKE
Expiration Date:
Prepared by:
Spiked by:
Witnessed by:
0.00 ul

MeCl2:
Acetone:
Hexane:
Na2So4:
1:1 H2SO4:
10 N NaOH:

Date Ext/Initials:

Date Cleanup/Initials:

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials:

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	Protoc	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A06-3048	A6304803	1	FS	AW60016638	PCBS	SW8463	8082	A00035		Lt yellow	6	1050	10.0
A06-3048	A6304804	↓	FS	AW60016639	PCBS	SW8463	8082	A00035		↓	↓	↓	↓
A06-3048	A6304805	↓	FS	AW60016640	PCBS	SW8463	8082	A00035		Clear	↓	↓	↓
A06-3048	A6304806	↓	FS	AW60016641	PCBS	SW8463	8082	A00035		Lt. yellow	↓	↓	↓
A6B15744	A6B1574401	↓	MSB	AW60016642	PCBS	SW8463	8082	A00035	A00222	Clear	5	1000	↓
A6B15744	A6B1574402	↓	MBLK	AW60016643	PCBS	SW8463	8082	A00035		↓	↓	↓	↓

Comments: Gas flow checked. AJ 3-23-06

relig 3-23-06 18:00 mw

STL Buffalo
Date: 04/07/2006
Time: 11:50:05

Organic Prep Log Book
(3510C) 8082 PCB WATERS
A6B15744 (Closed)

Rept: AN050

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 1000.00 ul

Date Ext/Initials: 03/23/2006 AJ

Date Cleanup/Initials: 03/23/2006 MW

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: 03/23/2006 MW

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	Protoc	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A06-3047	A6304701	A	FS	AW60016622	PCBS	SW8463	8082	A00035			6.00	1055.0000	10.00
A06-3047	A6304702	A	FS	AW60016623	PCBS	SW8463	8082	A00035			6.00	1050.0000	10.00
A06-3047	A6304703	A	FS	AW60016624	PCBS	SW8463	8082	A00035			6.00	1045.0000	10.00
A06-3047	A6304703MS	A	MS	AW60016625	PCBS	SW8463	8082	A00035	A00222		6.00	1050.0000	10.00
A06-3047	A6304703SD	A	SD	AW60016626	PCBS	SW8463	8082	A00035	A00222		6.00	1045.0000	10.00
A06-3047	A6304704	A	FS	AW60016627	PCBS	SW8463	8082	A00035			6.00	1040.0000	10.00
A06-3047	A6304705	A	FS	AW60016628	PCBS	SW8463	8082	A00035			6.00	1040.0000	10.00
A06-3047	A6304706	A	FS	AW60016629	PCBS	SW8463	8082	A00035			6.00	1050.0000	10.00
A06-3047	A6304707	A	FS	AW60016630	PCBS	SW8463	8082	A00035			6.00	1020.0000	10.00
A06-3047	A6304708	A	FS	AW60016631	PCBS	SW8463	8082	A00035			6.00	1040.0000	10.00
A06-3047	A6304709	A	FS	AW60016632	PCBS	SW8463	8082	A00035			6.00	1055.0000	10.00
A06-3047	A6304710	A	FS	AW60016633	PCBS	SW8463	8082	A00035			6.00	1055.0000	10.00
A06-3048	A6304801	A	FS	AW60016634	PCBS	SW8463	8082	A00035			6.00	1060.0000	10.00
A06-3048	A6304801MS	A	MS	AW60016635	PCBS	SW8463	8082	A00035	A00222		6.00	1060.0000	10.00
A06-3048	A6304801SD	A	SD	AW60016636	PCBS	SW8463	8082	A00035	A00222		6.00	1060.0000	10.00
A06-3048	A6304802	A	FS	AW60016637	PCBS	SW8463	8082	A00035			6.00	1060.0000	10.00

STL Buffalo
Date: 04/07/2006
Time: 11:50:05

Organic Prep Log Book
(3510C) 8082 PCB WATERS
A6B15744 (Closed)

Rept: AN050

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 1000.00 ul

Date Ext/Initials: 03/23/2006 AJ

Date Cleanup/Initials: 03/23/2006 MW

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: 03/23/2006 MW

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	Protoc	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A06-3048	A6304803	A	FS	AW60016638	PCBS	SW8463	8082	A00035			6.00	1060.0000	10.00
A06-3048	A6304804	A	FS	AW60016639	PCBS	SW8463	8082	A00035			6.00	1060.0000	10.00
A06-3048	A6304805	A	FS	AW60016640	PCBS	SW8463	8082	A00035			6.00	1060.0000	10.00
A06-3048	A6304806	A	FS	AW60016641	PCBS	SW8463	8082	A00035			6.00	1060.0000	10.00
A6B15744	A6B1574401	Z	MSB	AW60016642	PCBS	SW8463	8082	A00035	A00222		5.00	1000.0000	10.00
A6B15744	A6B1574402	Z	MBLK	AW60016643	PCBS	SW8463	8082	A00035			5.00	1000.0000	10.00

Comments:

000068

GC INJECTION LOGBOOK

INSTRUMENT ID 1ND552-14 COLUMN ID'S A ZB-5 B ZB-35

SYRINGE LOT# SOLVENT LOT# SEQUENCE 25/26

275/730

DATE & INIT.	JOB #	A VIAL ID	A DF	B VIAL ID	B DF	FILE ID A	FILE ID B	GC METHOD	PROCESS Y/N	COMMENTS
11/15/05	CCV	ICM54TC	0.5			174				A OK B OK
	CCV	ICM48RA	0.5			175				A OK B OK, TMXT
	CCV	ICM425A	0.5							A OK B OK, TMXT
	CCV	ICM32GA	0.5							A OK B OK
	CCV	ICM24RA	0.5							A OK B OK
	IBLK	ICM3IJ	0.03							A CLEAN B CLEAN
11/16/05		PRIMR								NOW SEQUENCE 25
	ICAL	ICM21RA	0.5			01-25				
	ACM	ACM21RA	0.4			26				
	ICAL	ICM32GA	0.5							
	ACM	ACM32BB	0.4							
	ICAL	ICM425A	0.5			30				
	ACM	ACM42GA	0.4							
	ICAL	ICM48RA	0.5							
	ACM	ACM48MA	0.4							
	ICAL	ICM54TC	0.5							
	ACM	ACM54RA	0.4							
12/1/05	ICAL	ICM66MI	2.5			35				
		MD	1.0							Tank changed on 3/18/06
		MK	0.5							
		ML	0.25							
		MF	0.1							
		MG	0.05			40				
		ML	0.25							
	ACM	ACM66GP	0.4							
	CCV	ICM66MK	0.5					TXOA		
	CCV	ICM54TC	0.5							A OK B OK
	CCV	ICM48RA	0.5			45				A OK, TMXT B OK
	CCV	ICM425A	0.5							A OK B OK
	CCV	ICM32GA	0.5							A OK B OK
	CCV	ICM21RA	0.5							A OK B OK
	IBLK	ICM3IJ	0.03							A CLEAN B CLEAN
	CC	A5-002/009	MSD			50				
		2/010	MBLK							
	COM	2/011								
		2/012	X10							
		2/013	MS X10							
		2/014	SD X10			55				
						54				

REVIEWED BY JAN 3

EVERN TRENT LABORATORIES

000128

276/730

GC INJECTION LOGBOOK

INSTRUMENT ID HP5890-14 COLUMN ID'S A 20-5 B 20-35 SEQUENCE 37

SYRINGE LOT# SOLVENT LOT#

DATE & INIT.	JOB #	A VIAL ID	A DF	B VIAL ID	B DF	FILE ID A	FILE ID B	GC METHOD	PROCESS Y/N	COMMENTS
3/23	—	HXANE		CALIBS		76		TVOA		
	2578	AS6002327								
	—	HXANE								
	CCV	ICM54VA	GS							A OK B 1254, DCBP
	IBLK	ICM3JN	GC3			80				A CLEAN B CLEAN
3/24	—	PRIMR							—	
	—								—	
	—								—	
	CCV	ICM66NH	GS					TVOA		
	CCV	ICM54VB	GS			85				A OK B 1660R, 1260, SURR
	IBLK	ICM3JN	GC3							A OK B 1254, SURR
	QC	AS6002330	MSB							A CLEAN B CLEAN
		23304	MSBD							OICS
		23305	MBLK							
	3028	23307				90				
		23307	VSD							
	CCV	ICM54VB	GS							A OK B 1254, SURR
	IBLK	ICM3JN	GC3							A CLEAN B CLEAN
	QC	AW6002330	MSB							
		16643	MBLK			95				
	3047	16622								
		16623								
		16624								
		16625	MS							
		16626	SD			110				
		16627								
		16628								
		16629								
	CCV	ICM66NH	GS			CHANGE LINER-SOFTA				
3/25	IBLK	ICM3JN	GC3	PRIMR	105	105				A 1016, 1260, DCBP B 1016, 1260, SURR
	3047	AW6002330		PRIMR						A CLEAN B CLEAN
		16631		PRIMR	110	107				RERUN
		16632		ICM66NH		116				FAULT
		16633		ICM54VB					111	A OK B 1260, OR
	3048	16634		ICM3JN		110		#CHANGE GS 3/25/96	112	A DCBP, OR B OK
		16635	MS	AW6002330					113	A clean B clean
		16636	SD	16631	115	120				
		16637				123				

SEVERN TRENT LABORATORIES

REVIEWED BY

277730

GC INJECTION LOGBOOK

INSTRUMENT ID HP5880-14 COLUMN ID'S A 20-5 B 20-35 SEQUENCE 3>

SYRINGE LOT# SOLVENT LOT#

DATE & INIT.	JOB #	A VIAL ID	A DF	B VIAL ID	B DF	FILE ID A	FILE ID B	GC METHOD	PROCESS Y/N	COMMENTS
3/	3048	AW600 16638					122			
		16639								
	CCV	ICV54VB	0.5							
	IBLK	ICM3JN	0.03				125			B 1254 ↑, ok B clean
	3048	AW600 16640								
		16641								
	CCV	ICM66NH	0.5							
	IBLK	ICM3JN	0.03							A ok A clean B ok B clean
3/25/04	GC	AW600 16684	MSB				130			
		16687	MSD							
		16688	MBLK							
	3054	16684								
		16685								
	3057	16689								
	3077	16690					135			
		16691								
		16692								
		16693								
	CCV	ICM54VB	0.5							
	IBLK	ICM3JN	0.03				140			A ok A clean B TMK ok, ↑ B clean
	3077	AW600 16694								
		16695								
	3039	16696								
	CCV	ICM66NH	0.5							
	IBLK	ICM3JN	0.03				145			A ok A clean B DCBT, ok B clean
3-27-04		primer								
		primer								
		primer						TWO Δ		
	CCV	ICM66NH	0.5				150			A ok A ok A ok A OK A OK A OK A CLOTH B 1060k, ↑ B ↑ B OK DCB ↑ B OK DCB ↑ B OK B OK B CLOTH
		ICM54VB								
		ICM48SA								
		ICM42TA								
		ICM32NA								
		ICM21SA								
	IBLK	ICM3JJN	0.03				155			
	QC	AS600 23379	MSB							
		23380	MBLK							
	3148	23366								

3/28/04

SEVERN TRENT LABORATORIES

REVIEWED BY

Metals Data

STL BUFFALO

Ecology & Environment, Inc.
COVER PAGE - INORGANIC ANALYSIS DATA PACKAGE

Contract: NY04-571 SDG No.: A06-3047

Lab Code: STLBFLO Case No.: SAS No.:

SOW No.:

Sample ID.	Lab Sample No.
NM-MPI-03-GW	A6304708
NM-MPI-05-GW	A6304706
NM-MPI-06-GW	A6304707
NM-MW-01-GW	A6304704
NM-MW-02-GW	A6304701
NM-MW-02-GW/D	A6304702
NM-MW-03-GW	A6304703
NM-MW-03-GW\MS	A6304703MS
NM-MW-03-GW\SD	A6304703SD
NM-MW-04-GW	A6304709
NM-MW-05-GW	A6304710
NM-MW-DOT-GW	A6304705

Were ICP interelement corrections applied? Yes/No YES

Were ICP background corrections applied? Yes/No YES

If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Tony Bogolin Name: Tony E. Bogolin

Date: 4/14/06 Title: Project Manager

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MPI-03-GW

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3047

Matrix (soil/water): WATER Lab Sample ID: AD613791

Level (low/med): LOW Date Received: 3/22/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	864			P
7440-41-7	Beryllium	0.42			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	208000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	92500			P
7439-92-1	Lead	50.7			P
7439-95-4	Magnesium	36200			P
7439-96-5	Manganese	416			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	3580			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	5690			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MPI-05-GW

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3047

Matrix (soil/water): WATER Lab Sample ID: AD613789

Level (low/med): LOW Date Received: 3/22/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	813			P
7440-41-7	Beryllium	0.41			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	228000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	91800			P
7439-92-1	Lead	17.9			P
7439-95-4	Magnesium	33900			P
7439-96-5	Manganese	236			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	3230			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	11200			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MPI-06-GW

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3047

Matrix (soil/water): WATER Lab Sample ID: AD613790

Level (low/med): LOW Date Received: 3/22/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	833			P
7440-41-7	Beryllium	0.31			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	204000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	92800			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	41400			P
7439-96-5	Manganese	281			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	2740			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	7610			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-01-GW

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

Matrix (soil/water): WATER Lab Sample ID: AD613787

Level (low/med): LOW Date Received: 3/22/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3510			P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	39.9			P
7440-41-7	Beryllium	0.21	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	15800			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	2640			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	7360			P
7439-96-5	Manganese	65.3			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	1560			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	28500			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	6.4			P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.: NM-MW-02-GW

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

Matrix (soil/water): WATER Lab Sample ID: AD613782

Level (low/med): LOW Date Received: 3/22/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	40.8			P
7440-41-7	Beryllium	0.21	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	63600			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	5.0			P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	65700			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	14800			P
7439-96-5	Manganese	1870			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	1800			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	8680			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-02-GW/D

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3047

Matrix (soil/water): WATER Lab Sample ID: AD613783

Level (low/med): LOW Date Received: 3/22/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	40.4			P
7440-41-7	Beryllium	0.21	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	62900			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.2			P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	65000			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	14600			P
7439-96-5	Manganese	1860			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	1810			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	8670			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.: NM-MW-03-GW

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

Matrix (soil/water): WATER Lab Sample ID: AD613784

Level (low/med): LOW Date Received: 3/22/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	420			P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	12.6			P
7440-41-7	Beryllium	0.21	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	69000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	9.8			P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	102000			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	20000			P
7439-96-5	Manganese	2020			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	500	U		P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	9990			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-04-GW

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3047

Matrix (soil/water): WATER Lab Sample ID: AD613792

Level (low/med): LOW Date Received: 3/22/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	19.4			P
7440-39-3	Barium	79.8			P
7440-41-7	Beryllium	0.24			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	56500			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	5.3			P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	111000			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	10700			P
7439-96-5	Manganese	1740			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	1800			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	5350			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-05-GW

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3047

Matrix (soil/water): WATER Lab Sample ID: AD613793

Level (low/med): LOW Date Received: 3/22/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	101			P
7440-41-7	Beryllium	0.25			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	92400			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.5			P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	20300			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	19400			P
7439-96-5	Manganese	2240			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	825			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	30200			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.: NM-MW-DOT-GW

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

Matrix (soil/water): WATER Lab Sample ID: AD613788

Level (low/med): LOW Date Received: 3/22/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	206			P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	721			P
7440-41-7	Beryllium	0.42			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	198000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	95100			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	37700			P
7439-96-5	Manganese	475			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	3660			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	9000			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum	18750.0	18919.21	100.9	25000.0	25354.33	101.4	25094.46	100.4	P
Antimony	375.0	379.75	101.3	500.0	488.26	97.7	502.87	100.6	P
Arsenic	375.0	369.18	98.4	500.0	484.16	96.8	495.35	99.1	P
Barium	375.0	369.29	98.5	500.0	499.37	99.9	487.34	97.5	P
Beryllium	375.0	379.29	101.1	500.0	512.97	102.6	500.38	100.1	P
Cadmium	375.0	373.20	99.5	500.0	482.85	96.6	498.92	99.8	P
Calcium	18750.0	19225.22	102.5	25000.0	25631.77	102.5	25489.97	102.0	P
Chromium	375.0	376.83	100.5	500.0	508.05	101.6	497.13	99.4	P
Cobalt	375.0	374.43	99.8	500.0	500.10	100.0	495.41	99.1	P
Copper	375.0	390.53	104.1	500.0	529.68	105.9	514.39	102.9	P
Lead	375.0	380.97	101.6	500.0	504.55	100.9	503.81	100.8	P
Magnesium	18750.0	19191.01	102.4	25000.0	25688.31	102.8	25351.88	101.4	P
Manganese	375.0	384.01	102.4	500.0	516.06	103.2	508.62	101.7	P
Nickel	375.0	379.69	101.3	500.0	497.82	99.6	501.30	100.3	P
Potassium	18750.0	18718.13	99.8	25000.0	23498.93	94.0	24727.86	98.9	P
Selenium	375.0	378.72	101.0	500.0	498.27	99.7	513.23	102.6	P
Silver	375.0	375.83	100.2	500.0	510.66	102.1	495.10	99.0	P
Sodium	18750.0	18650.33	99.5	25000.0	25277.94	101.1	24691.93	98.8	P
Thallium	375.0	384.64	102.6	500.0	483.01	96.6	509.44	101.9	P
Vanadium	375.0	378.64	101.0	500.0	503.01	100.6	499.71	99.9	P
Zinc	375.0	376.37	100.4	500.0	506.93	101.4	495.56	99.1	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				25000.0	24979.27	99.9	25028.95	100.1	P
Antimony				500.0	502.83	100.6	507.88	101.6	P
Arsenic				500.0	492.87	98.6	494.72	98.9	P
Barium				500.0	485.25	97.0	486.67	97.3	P
Beryllium				500.0	496.25	99.2	497.09	99.4	P
Cadmium				500.0	498.13	99.6	503.62	100.7	P
Calcium				25000.0	25324.97	101.3	25410.57	101.6	P
Chromium				500.0	493.57	98.7	495.64	99.1	P
Cobalt				500.0	491.98	98.4	494.91	99.0	P
Copper				500.0	510.32	102.1	511.44	102.3	P
Lead				500.0	502.73	100.5	501.06	100.2	P
Magnesium				25000.0	25188.63	100.8	25283.24	101.1	P
Manganese				500.0	505.28	101.1	505.95	101.2	P
Nickel				500.0	498.55	99.7	503.22	100.6	P
Potassium				25000.0	24611.26	98.4	24708.96	98.8	P
Selenium				500.0	508.68	101.7	513.38	102.7	P
Silver				500.0	491.15	98.2	493.03	98.6	P
Sodium				25000.0	24655.77	98.6	24572.12	98.3	P
Thallium				500.0	508.23	101.6	517.03	103.4	P
Vanadium				500.0	497.16	99.4	499.46	99.9	P
Zinc				500.0	491.18	98.2	490.95	98.2	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				25000.0	24929.37	99.7			P
Antimony				500.0	497.48	99.5			P
Arsenic				500.0	483.80	96.8			P
Barium				500.0	486.07	97.2			P
Beryllium				500.0	491.58	98.3			P
Cadmium				500.0	486.89	97.4			P
Calcium				25000.0	25018.16	100.1			P
Chromium				500.0	489.81	98.0			P
Cobalt				500.0	486.55	97.3			P
Copper				500.0	510.42	102.1			P
Lead				500.0	493.66	98.7			P
Magnesium				25000.0	24833.75	99.3			P
Manganese				500.0	500.29	100.1			P
Nickel				500.0	490.60	98.1			P
Potassium				25000.0	24517.63	98.1			P
Selenium				500.0	493.21	98.6			P
Silver				500.0	492.82	98.6			P
Sodium				25000.0	24549.21	98.2			P
Thallium				500.0	503.62	100.7			P
Vanadium				500.0	494.07	98.8			P
Zinc				500.0	480.58	96.1			P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Iron	18750.0	18721.77	99.8	25000.0	25300.01	101.2	24931.74	99.7	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Iron				25000.0	25149.02	100.6	25177.92	100.7	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3047

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury	3.0	3.02	100.7	2.0	2.05	102.5	2.05	102.5	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury				2.0	2.04	102.0	2.01	100.5	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3047

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury				2.0	2.02	101.0	2.02	101.0	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG No.: A06-3047

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Aluminum				200.0	213.16	106.6		
Antimony				20.0	21.49	107.4		
Arsenic				10.0	11.08	110.8		
Barium				2.0	2.19	109.5		
Beryllium				2.0	2.04	102.0		
Cadmium				1.0	1.27	127.0		
Calcium				500.0	532.57	106.5		
Chromium				4.0	4.23	105.8		
Cobalt				4.0	4.13	103.2		
Copper				10.0	10.09	100.9		
Lead				5.0	5.66	113.2		
Magnesium				200.0	216.90	108.4		
Manganese				3.0	3.34	111.3		
Nickel				10.0	10.33	103.3		
Potassium				500.0	503.05	100.6		
Selenium				15.0	12.17	81.1		
Silver				3.0	2.84	94.7		
Sodium				1000.0	928.79	92.9		
Thallium				20.0	23.66	118.3		
Vanadium				5.0	5.63	112.6		
Zinc				20.0	20.25	101.2		

Comments:

STL BUFFALO

Ecology & Environment, Inc.
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG No.: A06-3047

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Iron				50.0	62.87	125.7	56.91	113.8

Comments:

STL BUFFALO

Ecology & Environment, Inc.
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG No.: A06-3047

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Mercury	0.2	0.15	75.0					

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	200.0	U	200.0	U	200.0	U	200.0	U	200.000	U	P
Antimony	20.0	U	20.0	U	20.0	U	20.0	U	20.000	U	P
Arsenic	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Barium	2.0	U	2.0	U	2.0	U	2.0	U	2.000	U	P
Beryllium	0.2	U	0.2		0.2		0.2	U	0.210	U	P
Cadmium	1.0	U	1.0	U	1.0	U	1.0	U	1.000	U	P
Calcium	500.0	U	500.0	U	500.0	U	500.0	U	500.000	U	P
Chromium	4.0	U	4.0	U	4.0	U	4.0	U	4.000	U	P
Cobalt	4.0	U	4.0	U	4.0	U	4.0	U	4.000	U	P
Copper	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Lead	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P
Magnesium	200.0	U	200.0	U	200.0	U	200.0	U	200.000	U	P
Manganese	3.0	U	3.0	U	3.0	U	3.0	U	3.000	U	P
Nickel	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Potassium	500.0	U	500.0	U	500.0	U	500.0	U	500.000	U	P
Selenium	15.0	U	15.0	U	15.0	U	15.0	U	15.000	U	P
Silver	3.0	U	3.0	U	3.0	U	3.0	U	3.000	U	P
Sodium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	1000.000	U	P
Thallium	20.0	U	20.0	U	20.0	U	20.0	U	20.000	U	P
Vanadium	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P
Zinc	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			200.0	U	200.0	U					P
Antimony			20.0	U	20.0	U					P
Arsenic			10.0	U	10.0	U					P
Barium			2.0	U	2.0	U					P
Beryllium			0.2	U	0.2	U					P
Cadmium			1.0	U	1.0	U					P
Calcium			500.0	U	500.0	U					P
Chromium			4.0	U	4.0	U					P
Cobalt			4.0	U	4.0	U					P
Copper			10.0	U	10.0	U					P
Lead			5.0	U	5.0	U					P
Magnesium			200.0	U	200.0	U					P
Manganese			3.0	U	3.0	U					P
Nickel			10.0	U	10.0	U					P
Potassium			500.0	U	500.0	U					P
Selenium			15.0	U	15.0	U					P
Silver			3.0	U	3.0	U					P
Sodium			1000.0	U	1000.0	U					P
Thallium			20.0	U	20.0	U					P
Vanadium			5.0	U	5.0	U					P
Zinc			10.0	U	10.0	U					P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Iron	50.0	U	50.0	U	50.0	U	50.0	U	50.000	U	P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Iron			50.0	U							P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Mercury	0.1	U	0.1	U	0.1	U	0.1	U	0.200	U	CV

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Mercury			0.1	U	0.1	U	0.1	U			CV

Comments:

STL BUFFALO

Ecology & Environment. Inc.

-4-

ICP INTERFERENCE CHECK SAMPLE

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

ICP ID Number: SUPERTRACE ICS Source: ULTRA

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Aluminum	500000	500000	512191	518275.5	103.7			
Antimony		600	-1	637.8	106.3			
Arsenic		100	2	106.9	106.9			
Barium		500	8	512.1	102.4			
Beryllium		500	2	497.7	99.5			
Cadmium		1000	1	994.4	99.4			
Calcium	500000	500000	508589	521442.5	104.3			
Chromium		500	-2	494.3	98.9			
Cobalt		500	1	488.0	97.6			
Copper		500	0	536.0	107.2			
Lead		50	3	52.6	105.2			
Magnesium	500000	500000	494004	467115.4	93.4			
Manganese		500	-2	491.8	98.4			
Nickel		1000	1	931.4	93.1			
Potassium			-7	4.7				
Selenium		50	7	46.6	93.2			
Silver		200	0	216.7	108.4			
Sodium			-125	-98.7				
Thallium		100	1	103.9	103.9			
Vanadium		500	0	502.5	100.5			
Zinc		1000	2	942.3	94.2			

STL BUFFALO

Ecology & Environment. Inc.

-4-

ICP INTERFERENCE CHECK SAMPLE

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

ICP ID Number: SUPERTRACE2 ICS Source: ULTRA

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Iron	200000	100000	194294	96806.3	96.8	194091	97370.7	97.4

STL BUFFALO

Ecology & Environment, Inc.

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

NM-MW-03-GW\MS

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3047

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	10404.6104		419.7200		10000.00	99.8		P
Antimony	75 - 125	206.8700		20.0000	U	200.00	103.4		P
Arsenic	75 - 125	206.9100		10.0000	U	200.00	103.5		P
Barium	75 - 125	215.3200		12.6100		200.00	101.4		P
Beryllium	75 - 125	198.9100		0.2100	U	200.00	99.5		P
Cadmium	75 - 125	200.2800		1.0000	U	200.00	100.1		P
Calcium		77737.2813		68997.3125		10000.00	87.4		P
Chromium	75 - 125	198.6300		4.0000	U	200.00	99.3		P
Cobalt	75 - 125	209.1900		9.8100		200.00	99.7		P
Copper	75 - 125	202.7000		10.0000	U	200.00	101.4		P
Iron		112230.7969		101846.3984		10000.00	103.8		P
Lead	75 - 125	203.9400		5.0000	U	200.00	102.0		P
Magnesium	75 - 125	29450.0801		20029.2695		10000.00	94.2		P
Manganese		2282.1499		2024.9600		200.00	128.6		P
Nickel	75 - 125	199.0500		10.0000	U	200.00	99.5		P
Potassium	75 - 125	10610.3896		500.0000	U	10000.00	106.1		P
Selenium	75 - 125	209.9700		15.0000	U	200.00	105.0		P
Silver	75 - 125	49.7200		3.0000	U	50.00	99.4		P
Mercury	75 - 125	6.3500		0.2000	U	6.67	95.2		CV
Sodium	75 - 125	19785.8809		9993.8203		10000.00	97.9		P
Thallium	75 - 125	203.1000		20.0000	U	200.00	101.6		P
Vanadium	75 - 125	201.1800		5.0000	U	200.00	100.6		P
Zinc	75 - 125	200.6500		10.0000	U	200.00	100.3		P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

NM-MW-03-GW\SD

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	10384.5498		419.7200		10000.00	99.6		P
Antimony	75 - 125	204.1900		20.0000	U	200.00	102.1		P
Arsenic	75 - 125	209.3600		10.0000	U	200.00	104.7		P
Barium	75 - 125	216.9200		12.6100		200.00	102.2		P
Beryllium	75 - 125	198.3000		0.2100	U	200.00	99.2		P
Cadmium	75 - 125	200.7800		1.0000	U	200.00	100.4		P
Calcium		79813.8203		68997.3125		10000.00	108.2		P
Chromium	75 - 125	198.1400		4.0000	U	200.00	99.1		P
Cobalt	75 - 125	209.1400		9.8100		200.00	99.7		P
Copper	75 - 125	202.5200		10.0000	U	200.00	101.3		P
Iron		115071.7031		101846.3984		10000.00	132.3		P
Lead	75 - 125	202.3900		5.0000	U	200.00	101.2		P
Magnesium	75 - 125	30049.5000		20029.2695		10000.00	100.2		P
Manganese		2321.5400		2024.9600		200.00	148.3		P
Nickel	75 - 125	198.8600		10.0000	U	200.00	99.4		P
Potassium	75 - 125	10686.3496		500.0000	U	10000.00	106.9		P
Selenium	75 - 125	208.6900		15.0000	U	200.00	104.3		P
Silver	75 - 125	50.3000		3.0000	U	50.00	100.6		P
Mercury	75 - 125	5.9500		0.2000	U	6.67	89.2		CV
Sodium	75 - 125	20268.8105		9993.8203		10000.00	102.7		P
Thallium	75 - 125	206.6800		20.0000	U	200.00	103.3		P
Vanadium	75 - 125	201.8300		5.0000	U	200.00	100.9		P
Zinc	75 - 125	199.7600		10.0000	U	200.00	99.9		P

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.
-5B-

POST DIGEST SPIKE SAMPLE RECOVERY

SAMPLE NO.

NM-MW-03-GWA

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3047

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	10551.62		419.72		10000.0	101.3		P
Antimony	75 - 125	205.39		20.00	U	200.0	102.7		P
Arsenic	75 - 125	208.80		10.00	U	200.0	104.4		P
Barium	75 - 125	219.41		12.61		200.0	103.4		P
Beryllium	75 - 125	201.94		0.21	U	200.0	101.0		P
Cadmium	75 - 125	202.25		1.00	U	200.0	101.1		P
Calcium	75 - 125	77014.64		68997.31		10000.0	80.2		P
Chromium	75 - 125	202.74		4.00	U	200.0	101.4		P
Cobalt	75 - 125	208.62		9.81		200.0	99.4		P
Copper	75 - 125	214.22		10.00	U	200.0	107.1		P
Iron	75 - 125	109590.40		101846.40		10000.0	77.4		P
Lead	75 - 125	202.33		5.00	U	200.0	101.2		P
Magnesium	75 - 125	29702.40		20029.27		10000.0	96.7		P
Manganese	75 - 125	2169.47		2024.96		200.0	72.3	*	P
Nickel	75 - 125	204.20		10.00	U	200.0	102.1		P
Potassium	75 - 125	10997.74		500.00	U	10000.0	110.0		P
Selenium	75 - 125	209.26		15.00	U	200.0	104.6		P
Silver	75 - 125	52.16		3.00	U	50.0	104.3		P
Sodium	75 - 125	20317.90		9993.82		10000.0	103.2		P
Thallium	75 - 125	209.66		20.00	U	200.0	104.8		P
Vanadium	75 - 125	204.79		5.00	U	200.0	102.4		P
Zinc	75 - 125	193.75		10.00	U	200.0	96.9		P

Comments:

STL BUFFALO

Ecology & Environment, Inc.
-6-
DUPLICATES

SAMPLE NO.

NM-MW-03-GW\SD

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3047

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		10404.6104		10384.5498		0.2		P
Antimony		206.8700		204.1900		1.3		P
Arsenic		206.9100		209.3600		1.2		P
Barium		215.3200		216.9200		0.7		P
Beryllium		198.9100		198.3000		0.3		P
Cadmium		200.2800		200.7800		0.2		P
Calcium		77737.2813		79813.8203		2.6		P
Chromium		198.6300		198.1400		0.2		P
Cobalt		209.1900		209.1400		0.0		P
Copper		202.7000		202.5200		0.1		P
Iron		112230.7969		115071.7031		2.5		P
Lead		203.9400		202.3900		0.8		P
Magnesium		29450.0801		30049.5000		2.0		P
Manganese		2282.1499		2321.5400		1.7		P
Nickel		199.0500		198.8600		0.1		P
Potassium		10610.3896		10686.3496		0.7		P
Selenium		209.9700		208.6900		0.6		P
Silver		49.7200		50.3000		1.2		P
Mercury		6.3500		5.9500		6.5		CV
Sodium		19785.8809		20268.8105		2.4		P
Thallium		203.1000		206.6800		1.7		P
Vanadium		201.1800		201.8300		0.3		P
Zinc		200.6500		199.7600		0.4		P

STL BUFFALO

Ecology & Environment, Inc.

-7-

LABORATORY CONTROL SAMPLE

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

Solid LCS Source: _____

Aqueous LCS Source: ULTRA

Analyte	Aqueous (ug/L)			Solid (mg/kg)				
	True	Found	%R	True	Found	C	Limits	%R
Aluminum	10000.0	9750.50	97.5					
Antimony	200.0	198.75	99.4					
Arsenic	200.0	200.82	100.4					
Barium	200.0	200.47	100.2					
Beryllium	200.0	196.31	98.2					
Cadmium	200.0	200.92	100.5					
Calcium	10000.0	9901.95	99.0					
Chromium	200.0	196.15	98.1					
Cobalt	200.0	198.39	99.2					
Copper	200.0	195.05	97.5					
Iron	10000.0	9950.94	99.5					
Lead	200.0	202.32	101.2					
Magnesium	10000.0	9974.73	99.7					
Manganese	200.0	196.32	98.2					
Nickel	200.0	198.40	99.2					
Potassium	10000.0	9786.27	97.9					
Selenium	200.0	199.07	99.5					
Silver	50.0	49.65	99.3					
Sodium	10000.0	9950.88	99.5					
Thallium	200.0	204.53	102.3					
Vanadium	200.0	196.49	98.2					
Zinc	200.0	202.71	101.4					

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-7-

LABORATORY CONTROL SAMPLE

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

Solid LCS Source: _____

Aqueous LCS Source: ULTRA

Analyte	Aqueous (ug/L)			Solid (mg/kg)				
	True	Found	%R	True	Found	C	Limits	%R
Mercury	3.3	3.12	93.6					

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-9-

ICP SERIAL DILUTIONS

SAMPLE NO.

NM-MW-03-GWL

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3047

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	419.72		1000.00	U	100.0		P
Antimony	20.00	U	100.00	U			P
Arsenic	5.12		50.00	U	100.0		P
Barium	12.61		13.25		5.1		P
Beryllium	0.18		1.05	U	100.0		P
Cadmium	1.00	U	5.00	U			P
Calcium	68997.31		70371.95		2.0		P
Chromium	4.00	U	20.00	U			P
Cobalt	9.81		20.00	U	100.0		P
Copper	10.00	U	50.00	U			P
Iron	101846.40		106703.90		4.8		P
Lead	1.06		25.00	U	100.0		P
Magnesium	20029.27		20479.50		2.2		P
Manganese	2024.96		2049.15		1.2		P
Nickel	10.00	U	50.00	U			P
Potassium	438.12		2500.00	U	100.0		P
Selenium	15.00	U	75.00	U			P
Silver	3.00	U	15.00	U			P
Sodium	9993.82		9472.50		5.2		P
Thallium	20.00	U	100.00	U			P
Vanadium	1.77		25.00	U	100.0		P
Zinc	3.13		50.00	U	100.0		P

Comments:

STL BUFFALO

Ecology & Environment. Inc.

-10-

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

ICP ID Number: SUPERTRACE Date: 1/12/2006

Flame AA ID Number: _____

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	EQL (ug/L)	EQL (ug/L)	M
Aluminum	308.215		200	200	P
Antimony	206.838		20	20	P
Arsenic	189.042		10	10	P
Barium	493.409		2	2	P
Beryllium	313.042		0.2	0.2	P
Cadmium	226.502		1	1	P
Calcium	317.933		500	500	P
Chromium	267.716		4	4	P
Cobalt	228.616		4	4	P
Copper	324.753		10	10	P
Lead	220.353		5	5	P
Magnesium	279.078		200	200	P
Manganese	257.610		3	3	P
Nickel	231.604		10	10	P
Potassium	766.491		500	500	P
Selenium	296.026		15	15	P
Silver	328.068		3	3	P
Sodium	330.232		1000	1000	P
Thallium	190.864		20	20	P
Vanadium	292.402		5	5	P
Zinc	206.200		10	10	P

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-10-

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

ICP ID Number: SUPERTRACE2 Date: 1/26/2006

Flame AA ID Number: _____

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	EQL (ug/L)	EQL (ug/L)	M
Iron	271.441		50	50	P

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-10-

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

ICP ID Number: _____ Date: 3/22/2006

Flame AA ID Number: LEEMAN PS200II

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	EQL (ug/L)	EQL (ug/L)	M
Mercury	253.70		0.2	0.2	CV

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-11A-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

ICP ID Number: SUPERTRACE Date: 1/9/2006

Analyte	Wave-length (nm)	Interelement Correction Factors for: Al	Fe	B	Be	Cd
Aluminum	308.22	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.84	0.0000000	0.0000230	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000000	-0.0000200	0.0000000	0.0000000	0.0000000
Barium	493.41	0.0000100	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.68	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000800	0.0000000	0.0000000	0.0000000
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000100	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.62	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	-0.0000400	0.0000000	0.0000000	0.0000000
Iron	271.44	0.0001240	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0004330	0.0000600	0.0000000	0.0000000	0.0000000
Magnesium	279.08	0.0000000	-0.0003100	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000	-0.0000300	0.0000000	0.0000000	0.0000000
Molybdenum	202.03	0.0000000	-0.0000100	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.02	0.0000000	0.0000070	0.0000000	0.0000000	0.0000000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.23	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	-0.0000400	0.0000000	0.0000000	0.0000000
Tin	189.99	0.0000000	-0.0000100	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000240	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	-0.0000400	0.0000000	0.0000000	0.0000000

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-11B-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3047

ICP ID Number: SUPERTRACE Date: 1/9/2006

Analyte	Wave-length (nm)	Interelement Correction Factors for: Co	Cr	Mn	Na	Ni
Aluminum	308.22	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.84	0.0000000	0.0126000	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000000	0.0001000	0.0000000	0.0000000	0.0000000
Barium	493.41	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.68	0.0005770	0.0013570	-0.0001100	0.0000000	0.0000000
Cadmium	226.50	-0.0001500	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0001160	0.0000000	0.0000000
Cobalt	228.62	0.0000000	-0.0001600	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	-0.0001200	0.0000000	0.0000000	0.0000000
Iron	271.44	0.0831300	0.0013200	0.0000000	0.0000000	0.0000000
Lead	220.35	-0.0001700	0.0000000	0.0000930	0.0000000	0.0000000
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.03	0.0003050	0.0000440	-0.0001300	0.0000000	0.0000000
Nickel	231.60	-0.0013800	0.0000000	-0.0001200	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.02	0.0003100	0.0000000	0.0004650	0.0000000	0.0000000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.23	0.0000000	-0.0065000	0.0000000	0.0000000	0.0000000
Thallium	190.86	-0.0021600	0.0001700	-0.0009300	0.0000000	0.0000000
Tin	189.99	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	-0.0005000	0.0000000	0.0000000	0.0000000

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-11B-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

ICP ID Number: SUPERTRACE Date: 1/9/2006

Analyte	Wave-length (nm)	Interelement Correction Factors for: Pb	Sb	Se	Tl	V
Aluminum	308.22	0.0000000	0.0000000	0.0000000	0.0000100	0.0221000
Antimony	206.84	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.41	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0007500
Boron	249.68	0.0000000	0.0000000	0.0000000	0.0016150	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000600
Cobalt	228.62	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0068000
Lead	220.35	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.03	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.02	0.0000000	0.0000000	0.0000000	0.0000000	0.0002410
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000400
Sodium	330.23	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	0.0000000	0.0000000	0.0000000	-0.0016500
Tin	189.99	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-11B-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

ICP ID Number: SUPERTRACE Date: 1/9/2006

Analyte	Wave-length (nm)	Interelement Correction Factors for: Zn				
Aluminum	308.22	0.0000000				
Antimony	206.84	0.0000000				
Arsenic	189.04	0.0000000				
Barium	493.41	0.0000000				
Beryllium	313.04	0.0000000				
Boron	249.68	0.0000000				
Cadmium	226.50	0.0000000				
Calcium	317.93	0.0000000				
Chromium	267.72	0.0000000				
Cobalt	228.62	0.0000000				
Copper	324.75	0.0000000				
Iron	271.44	0.0000000				
Lead	220.35	0.0000000				
Magnesium	279.08	0.0000000				
Manganese	257.61	0.0000000				
Molybdenum	202.03	0.0000000				
Nickel	231.60	0.0000000				
Potassium	766.49	0.0000000				
Selenium	196.02	0.0000000				
Silver	328.07	0.0000000				
Sodium	330.23	0.0000000				
Thallium	190.86	0.0000000				
Tin	189.99	0.0000000				
Titanium	337.28	0.0000000				
Vanadium	292.40	0.0000000				
Zinc	206.20	0.0000000				

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-11A-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

ICP ID Number: SUPERTRACE2 Date: 1/16/2006

Analyte	Wave-length (nm)	Interelement Correction Factors for: Al	Ca	Fe	B	Be
Aluminum	308.215	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.838	0.0000000	0.0000000	0.0000110	0.0000000	0.0000000
Arsenic	189.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.678	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000230	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	-0.0002800	0.0000000	0.0000000
Chromium	267.716	0.0000340	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.753	0.0000000	0.0000000	0.0000040	0.0000000	0.0000000
Iron	271.441	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.352	0.0002890	0.0000000	0.0000680	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.030	0.0000000	0.0000000	-0.0000100	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.021	0.0000110	0.0000000	-0.0000500	0.0000000	0.0000700
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.864	0.0000000	0.0000000	-0.0001900	0.0000000	0.0000000
Tin	189.989	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000210	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	-0.0000500	0.0000000	0.0000000

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-11B-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

ICP ID Number: SUPERTRACE2 Date: 1/16/2006

Analyte	Wave-length (nm)	Interelement Correction Factors for: Cd	Co	Cr	Cu	Mn
Aluminum	308.215	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.838	0.0000000	0.0000000	0.0073660	0.0000000	0.0000000
Arsenic	189.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.678	0.0000000	0.0003930	0.0003740	0.0001020	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	-0.0001800
Cobalt	228.616	0.0000000	0.0000000	0.0003190	0.0000000	0.0000000
Copper	324.753	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.441	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.352	0.0000000	0.0000000	0.0000000	0.0000000	0.0000910
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.030	0.0000000	0.0004780	0.0000000	0.0000000	-0.0001100
Nickel	231.604	0.0000000	-0.0012000	0.0000000	0.0000000	-0.0001000
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.021	0.0000000	0.0001400	0.0000000	0.0000000	0.0003650
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	-0.0059100	0.0000000	0.0000000
Thallium	190.864	0.0000000	-0.0014400	0.0001570	0.0001350	0.0002220
Tin	189.989	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0007570	0.0000000	0.0000000

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-11B-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3047

ICP ID Number: SUPERTRACE2 Date: 1/16/2006

Analyte	Wave-length (nm)	Interelement Correction Factors for: Na	Ni	Pb	Sb	Se
Aluminum	308.215	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.838	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.678	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0001520	0.0000000	0.0000000	0.0000000
Copper	324.753	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.441	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.352	0.0000000	0.0002670	0.0000000	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.030	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.021	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.864	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Tin	189.989	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-11B-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

ICP ID Number: SUPERTRACE2 Date: 1/16/2006

Analyte	Wave-length (nm)	Interelement Correction Factors for: Tl	V	Zn		
Aluminum	308.215	0.0000000	0.0120700	0.0000000		
Antimony	206.838	0.0000000	0.0000430	0.0000000		
Arsenic	189.042	0.0000000	0.0000000	0.0000000		
Barium	493.409	0.0000000	0.0000000	0.0000000		
Beryllium	313.042	0.0000000	0.0001840	0.0000000		
Boron	249.678	0.0000000	0.0000000	0.0000000		
Cadmium	226.502	0.0000000	0.0000000	0.0000000		
Calcium	317.90	0.0000000	0.0000000	0.0000000		
Chromium	267.716	0.0000000	-0.0000200	0.0000000		
Cobalt	228.616	0.0000000	0.0000000	0.0000000		
Copper	324.753	0.0000000	0.0000000	0.0000000		
Iron	271.441	0.0000000	0.0088470	0.0000000		
Lead	220.352	0.0000000	-0.0000600	0.0000000		
Magnesium	279.00	0.0000000	0.0000000	0.0000000		
Manganese	257.610	0.0000000	0.0000000	0.0000000		
Molybdenum	202.030	0.0000000	0.0000000	0.0000000		
Nickel	231.604	0.0000790	0.0000000	0.0000000		
Potassium	766.491	0.0000000	0.0000000	0.0000000		
Selenium	196.021	0.0000000	0.0001720	0.0000000		
Silver	328.068	0.0000000	0.0000000	0.0000000		
Sodium	330.232	0.0000000	0.0000000	0.0000000		
Thallium	190.864	0.0000000	-0.0010800	0.0000000		
Tin	189.989	0.0000000	0.0000000	0.0000000		
Titanium	337.28	0.0000000	-0.0000300	0.0000000		
Vanadium	292.402	0.0000000	0.0000000	0.0000000		
Zinc	206.20	0.0000000	0.0000000	0.0000000		

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.
-12-
ICP LINEAR RANGES (QUARTERLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

ICP ID Number: SUPERTRACE Date: 1/11/2006

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Aluminum	15.00	500000	P
Antimony	15.00	50000	P
Arsenic	15.00	30000	P
Barium	15.00	10000	P
Beryllium	15.00	5000	P
Cadmium	15.00	40000	P
Calcium	15.00	1200000	P
Chromium	15.00	40000	P
Cobalt	15.00	40000	P
Copper	15.00	25000	P
Lead	15.00	60000	P
Magnesium	15.00	1000000	P
Manganese	15.00	20000	P
Nickel	15.00	25000	P
Potassium	15.00	400000	P
Selenium	15.00	40000	P
Silver	15.00	2000	P
Sodium	15.00	400000	P
Thallium	15.00	40000	P
Vanadium	15.00	50000	P
Zinc	15.00	14000	P

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.
-12-
ICP LINEAR RANGES (QUARTERLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

ICP ID Number: SUPERTRACE 2 mmB 3/31/06 Date: 1/16/2006 mmB 3/31/06

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Iron	15.00	500000	P

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-13-

PREPARATION LOG

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

Method: CV Prep Method: _____

Sample ID	Preparation Date	Initial Volume	Final Volume(mL)
NM-MW-02-GW	3/27/2006	30.0	50.0
NM-MW-02-GW/D	3/27/2006	30.0	50.0
NM-MW-03-GW	3/27/2006	30.0	50.0
NM-MW-03-GW\MS	3/27/2006	30.0	50.0
NM-MW-03-GW\SD	3/27/2006	30.0	50.0
NM-MW-01-GW	3/27/2006	30.0	50.0
NM-MW-DOT-GW	3/27/2006	30.0	50.0
NM-MPI-05-GW	3/27/2006	30.0	50.0
NM-MPI-06-GW	3/27/2006	30.0	50.0
NM-MPI-03-GW	3/27/2006	30.0	50.0
NM-MW-04-GW	3/27/2006	30.0	50.0
NM-MW-05-GW	3/27/2006	30.0	50.0
AD613667\LCS	3/27/2006	30.0	50.0
AD613668\MBLK	3/27/2006	30.0	50.0

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-13-

PREPARATION LOG

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3047

Method: P Prep Method: _____

Sample ID	Preparation Date	Initial Volume	Final Volume(mL)
NM-MW-02-GW	3/28/2006	50.0	50.0
NM-MW-02-GW/D	3/28/2006	50.0	50.0
NM-MW-03-GW	3/28/2006	50.0	50.0
NM-MW-03-GW\MS	3/28/2006	50.0	50.0
NM-MW-03-GW\SD	3/28/2006	50.0	50.0
NM-MW-01-GW	3/28/2006	50.0	50.0
NM-MW-DOT-GW	3/28/2006	50.0	50.0
NM-MPI-05-GW	3/28/2006	50.0	50.0
NM-MPI-06-GW	3/28/2006	50.0	50.0
NM-MPI-03-GW	3/28/2006	50.0	50.0
NM-MW-04-GW	3/28/2006	50.0	50.0
NM-MW-05-GW	3/28/2006	50.0	50.0
AD613800\LFB	3/28/2006	50.0	50.0
AD613801\MBLK	3/28/2006	50.0	50.0

Comments:

STL BUFFALO

Ecology & Environment, Inc.
-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG No.: A06-3047

Instrument ID Number: SUPERTRACE Method: P

Start Date: 3/28/2006 End Date: 3/29/2006

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
STD BLK	1.00	19:06		X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X			
STD 1	1.00	19:11		X	X	X	X	X	X		X	X	X		X		X		X		X	X		X	X	X			
STD 2	1.00	19:15		X	X	X	X	X	X		X	X	X		X		X		X		X	X		X	X	X			
STD 3	1.00	19:20		X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X			
STD 3 VER	1.00	19:25		X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X			
ICV	1.00	19:30		X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X			
ICB	1.00	19:35		X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X			
CRI	1.00	19:40		X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X			
ICSA	1.00	19:45		X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X			
ICSAB	1.00	19:50		X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X			
CCV	1.00	19:56		X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X			
CCB	1.00	20:01		X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.00	20:06																												
ZZZZZZ	1.00	20:11																												
ZZZZZZ	1.00	20:16																												
ZZZZZZ	1.00	20:21																												
ZZZZZZ	1.00	20:26																												
ZZZZZZ	1.00	20:30																												
ZZZZZZ	1.00	20:35																												
ZZZZZZ	1.00	20:40																												
ZZZZZZ	1.00	20:45																												
ZZZZZZ	1.00	20:50																												
CCV	1.00	20:57		X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X			
CCB	1.00	21:01		X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.00	21:06																												
ZZZZZZ	1.00	21:11																												
ZZZZZZ	1.00	21:16																												
ZZZZZZ	1.00	21:21																												
ZZZZZZ	1.00	21:26																												
ZZZZZZ	1.00	21:31																												
ZZZZZZ	1.00	21:36																												
ZZZZZZ	1.00	21:41																												
ZZZZZZ	1.00	21:46																												

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

STL BUFFALO

Ecology & Environment, Inc.

-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG No.: A06-3047

Instrument ID Number: SUPERTRACE Method: P

Start Date: 3/28/2006 End Date: 3/29/2006

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	5.00	21:51																										
CCV	1.00	21:57		X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	22:02		X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	22:07																										
ZZZZZZ	1.00	22:12																										
ZZZZZZ	1.00	22:17																										
ZZZZZZ	1.00	22:22																										
AD613801\MBLK	1.00	22:27		X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X	
AD613800\LFB	1.00	22:32		X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X	
NM-MW-02-GW	1.00	22:37		X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X	
NM-MW-02-GW/D	1.00	22:42		X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X	
NM-MW-03-GW	1.00	22:47		X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X	
NM-MW-03-GWL	5.00	22:52		X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X	
CCV	1.00	22:58		X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	23:03		X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X	
NM-MW-03-GWA	1.00	23:08		X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X	
NM-MW-03-GW\MS	1.00	23:13		X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X	
NM-MW-03-GW\SD	1.00	23:18		X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X	
NM-MW-01-GW	1.00	23:23		X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X	
NM-MW-DOT-GW	1.00	23:28		X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X	
NM-MPI-05-GW	1.00	23:33		X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X	
NM-MPI-06-GW	1.00	23:38		X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X	
NM-MPI-03-GW	1.00	23:43		X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X	
NM-MW-04-GW	1.00	23:48		X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X	
NM-MW-05-GW	1.00	23:53		X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X	
CCV	1.00	23:59		X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	00:04		X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X	

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

STL BUFFALO

Ecology & Environment, Inc.

-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG No.: A06-3047

Instrument ID Number: SUPERTRACE2 Method: P

Start Date: 3/30/2006 End Date: 3/30/2006

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
STD BLK	1.00	09:41												X																
STD 1	1.00	09:46												X																
STD 2	1.00	09:51												X																
STD 3	1.00	09:55												X																
STD 3 VER	1.00	10:00												X																
ICV	1.00	10:08												X																
ICB	1.00	10:13												X																
CRI	1.00	10:18												X																
ICSA	1.00	10:23												X																
ICSAB	1.00	10:28												X																
CCV	1.00	10:34												X																
CCB	1.00	10:39												X																
ZZZZZZ	1.00	10:44																												
ZZZZZZ	1.00	10:48																												
ZZZZZZ	1.00	10:53																												
ZZZZZZ	5.00	10:58																												
ZZZZZZ	1.00	11:03																												
ZZZZZZ	1.00	11:08																												
ZZZZZZ	1.00	11:13																												
ZZZZZZ	1.00	11:17																												
ZZZZZZ	1.00	11:22																												
ZZZZZZ	1.00	11:27																												
CCV	1.00	11:33												X																
CCB	1.00	11:38												X																
ZZZZZZ	1.00	11:43																												
AD613801\MBLK	1.00	11:48												X																
AD613800\LFB	1.00	11:53												X																
NM-MW-02-GW	1.00	11:57												X																
NM-MW-02-GW/D	1.00	12:02												X																
NM-MW-03-GW	1.00	12:07												X																
NM-MW-03-GWL	5.00	12:17												X																
CRI	1.00	12:23												X																
ICSA	1.00	12:28												X																

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

STL BUFFALO

Ecology & Environment, Inc.

-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG No.: A06-3047

Instrument ID Number: SUPERTRACE2 Method: P

Start Date: 3/30/2006 End Date: 3/30/2006

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN				
ICSAB	1.00	12:33												X																
CCV	1.00	12:39												X																
CCB	1.00	12:44												X																
NM-MW-03-GWA	1.00	12:49												X																
NM-MW-03-GW\MS	1.00	12:53												X																
NM-MW-03-GW\SD	1.00	12:58												X																
NM-MW-01-GW	1.00	13:03												X																
NM-MW-DOT-GW	1.00	13:08												X																
NM-MPI-05-GW	1.00	13:13												X																
NM-MPI-06-GW	1.00	13:18												X																
NM-MPI-03-GW	1.00	13:22												X																
NM-MW-04-GW	1.00	13:27												X																
NM-MW-05-GW	1.00	13:32												X																
CCV	1.00	13:38												X																
CCB	1.00	13:43												X																

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

STL BUFFALO

Ecology & Environment, Inc.
-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG No.: A06-3047

Instrument ID Number: LEEMAN PS200II Method: CV

Start Date: 3/27/2006 End Date: 3/27/2006

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ICV	1.00	14:30																X									
ICB	1.00	14:31																X									
CRA	1.00	14:33																X									
CCV	1.00	14:34																X									
CCB	1.00	14:35																X									
ZZZZZZ	1.00	14:36																									
ZZZZZZ	1.00	14:37																									
ZZZZZZ	1.00	14:39																									
ZZZZZZ	1.00	14:40																									
ZZZZZZ	1.00	14:41																									
ZZZZZZ	1.00	14:43																									
ZZZZZZ	1.00	14:44																									
ZZZZZZ	1.00	14:45																									
ZZZZZZ	1.00	14:46																									
ZZZZZZ	1.00	14:48																									
CCV	1.00	14:49																X									
CCB	1.00	14:50																X									
ZZZZZZ	1.00	14:51																									
ZZZZZZ	1.00	14:52																									
ZZZZZZ	1.00	14:55																									
ZZZZZZ	1.00	14:56																									
ZZZZZZ	1.00	14:57																									
ZZZZZZ	1.00	14:58																									
ZZZZZZ	1.00	15:00																									
ZZZZZZ	1.00	15:01																									
ZZZZZZ	1.00	15:02																									
ZZZZZZ	1.00	15:03																									
CCV	1.00	15:04																X									
CCB	1.00	15:05																X									
ZZZZZZ	1.00	15:06																									
ZZZZZZ	1.00	15:08																									
ZZZZZZ	1.00	15:09																									
ZZZZZZ	1.00	15:10																									

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

STL BUFFALO

Ecology & Environment. Inc.

-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG No.: A06-3047

Instrument ID Number: LEEMAN PS200II Method: CV

Start Date: 3/27/2006 End Date: 3/27/2006

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
ZZZZZZ	1.00	15:11																												
NM-MW-02-GW	1.00	15:12																X												
NM-MW-02-GW/D	1.00	15:13																X												
NM-MW-03-GW	1.00	15:15																X												
ZZZZZZ	1.00	15:16																												
NM-MW-03-GW\MS	1.00	15:17																X												
CCV	1.00	15:18																X												
CCB	1.00	15:19																X												
NM-MW-03-GW\SD	1.00	15:20																X												
NM-MW-01-GW	1.00	15:21																X												
NM-MW-DOT-GW	1.00	15:23																X												
NM-MPI-05-GW	1.00	15:24																X												
NM-MPI-06-GW	1.00	15:25																X												
NM-MPI-03-GW	1.00	15:27																X												
NM-MW-04-GW	1.00	15:28																X												
NM-MW-05-GW	1.00	15:29																X												
ZZZZZZ	1.00	15:30																												
ZZZZZZ	1.00	15:32																												
CCV	1.00	15:33																X												
CCB	1.00	15:34																X												
ZZZZZZ	1.00	15:35																												
ZZZZZZ	1.00	15:36																												
ZZZZZZ	1.00	15:38																												
ZZZZZZ	1.00	15:39																												
ZZZZZZ	1.00	15:40																												
ZZZZZZ	1.00	15:42																												
ZZZZZZ	1.00	15:43																												
ZZZZZZ	1.00	15:44																												
AD613667\LCS	1.00	15:45																X												
AD613668\MBLK	1.00	15:46																X												
CCV	1.00	15:48																X												
CCB	1.00	15:49																X												

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

Metals Raw Data

Analysis Report 03/29/06 07:10:11 AM page 1

STL Buffalo Analyst: TLS Date: 3/29/06 Secondary Review: AK Date: 3-29-06
Spikes: 5-MDL-18, 1-MDL-5, 6-138-E, 6-090-F, 2-MDL-17
Pippettes: 02-10-06-(1-12), 03-17-06-(13)

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	STD BLK 7-015-A	1032806	TRACE1	03/28/06	11:31		X	IR
2	STD 1 7-015-C	1032806	TRACE1	03/28/06	11:36		X	IR
3	STD 2 7-015-D	1032806	TRACE1	03/28/06	11:40		X	IR
4	STD 3 7-015-A	1032806	TRACE1	03/28/06	11:45		X	IR
5	STD 3 VER 2	1032806	TRACE1	03/28/06	11:50	SW	B	CONC
6	ICV 7-019-E	1032806	TRACE1	03/28/06	11:55	SW	Q	CONC
7	ICB 7-015-A	1032806	TRACE1	03/28/06	12:00	SW	B	CONC
8	CRI 7-006-A	1032806	TRACE1	03/28/06	12:05	SW	B	CONC
9	ICSA 7-018-B	1032806	TRACE1	03/28/06	12:10	SW	Q	CONC
10	ICSAB 7-012-C	1032806	TRACE1	03/28/06	12:15	SW	Q	CONC
11	CCV 7-015-F	1032806	TRACE1	03/28/06	12:21	SW	Q	CONC
12	CCB 7-015-A	1032806	TRACE1	03/28/06	12:26	SW	B	CONC
13	AD613466/(1:5) 3113	1032806	TRACE1	03/28/06	12:31	SW	S	CONC
14	AD613427/(1:5) 3109	1032806	TRACE1	03/28/06	12:36	SW	S	CONC
15	AD613101/(1:5) 2953	1032806	TRACE1	03/28/06	12:41	SW	S	CONC
16	AD613101/L (1:25)	1032806	TRACE1	03/28/06	12:46	SW	S	CONC
17	AD613101/PS (1:5)	1032806	TRACE1	03/28/06	12:50	SW	S	CONC
18	AD612072	1032806	TRACE1	03/28/06	12:55	SW	S	CONC
19	A6276501/TOT	1032806	TRACE1	03/28/06	13:00	SW	S	CONC
20	CRI	1032806	TRACE1	03/28/06	13:07	SW	B	CONC
21	ICSA	1032806	TRACE1	03/28/06	13:12	SW	Q	CONC
22	ICSAB	1032806	TRACE1	03/28/06	13:16	SW	Q	CONC
23	CCV	1032806	TRACE1	03/28/06	13:23	SW	Q	CONC
24	CCB	1032806	TRACE1	03/28/06	13:28	SW	B	CONC
25	AD612824	1032806	TRACE1	03/28/06	13:33	SW	S	CONC
26	A6297704/TOT	1032806	TRACE1	03/28/06	13:38	SW	S	CONC
27	AD612828	1032806	TRACE1	03/28/06	13:42	SW	S	CONC
28	A6297708/TOT	1032806	TRACE1	03/28/06	13:47	SW	S	CONC
29	AD612833	1032806	TRACE1	03/28/06	14:03	SW	S	CONC
30	A6297711/TOT	1032806	TRACE1	03/28/06	14:08	SW	S	CONC
31	AD612837	1032806	TRACE1	03/28/06	14:13	SW	S	CONC
32	A6297715/TOT	1032806	TRACE1	03/28/06	14:18	SW	S	CONC
33	AD613821/PB	1032806	TRACE1	03/28/06	14:24	SW	S	CONC
34	AD613820/FB	1032806	TRACE1	03/28/06	14:29	SW	S	CONC
35	CCV	1032806	TRACE1	03/28/06	14:35	SW	Q	CONC
36	CCB	1032806	TRACE1	03/28/06	14:40	SW	B	CONC
37	AD613802 2735	1032806	TRACE1	03/28/06	14:45	SW	S	CONC
38	AD613803 2789	1032806	TRACE1	03/28/06	14:50	SW	S	CONC
39	AD613804	1032806	TRACE1	03/28/06	14:55	SW	S	CONC
40	AD613805 3056	1032806	TRACE1	03/28/06	15:00	SW	S	CONC
41	AD613806	1032806	TRACE1	03/28/06	15:05	SW	S	CONC
42	AD613806/L (1:5)	1032806	TRACE1	03/28/06	15:10	SW	S	CONC
43	AD613806/PS	1032806	TRACE1	03/28/06	15:15	SW	S	CONC
44	AD613807/MS	1032806	TRACE1	03/28/06	15:20	SW	S	CONC
45	AD613808/SD	1032806	TRACE1	03/28/06	15:24	SW	S	CONC
46	AD613809	1032806	TRACE1	03/28/06	15:29	SW	S	CONC
47	CCV	1032806	TRACE1	03/28/06	15:36	SW	Q	CONC
48	CCB	1032806	TRACE1	03/28/06	15:41	SW	B	CONC
49	AD613810 3134	1032806	TRACE1	03/28/06	15:46	SW	S	CONC
50	AD613811	1032806	TRACE1	03/28/06	15:50	SW	S	CONC

Analysis Report Summary 03/29/06 07:10:11 AM page 2

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
51	AD613812 3140 AK3-29-a	1032806	TRACE1	03/28/06	15:55	SW	S	CONC
52	AD613813 3140	1032806	TRACE1	03/28/06	16:00	SW	S	CONC
53	AD613814	1032806	TRACE1	03/28/06	16:17	SW	S	CONC
54	AD613815	1032806	TRACE1	03/28/06	16:22	SW	S	CONC
55	AD613816 3141	1032806	TRACE1	03/28/06	16:28	SW	S	CONC
56	AD613817 3140	1032806	TRACE1	03/28/06	16:33	SW	S	CONC
57	AD613818	1032806	TRACE1	03/28/06	16:38	SW	S	CONC
58	AD613819	1032806	TRACE1	03/28/06	16:43	SW	S	CONC
59	CCV	1032806	TRACE1	03/28/06	16:49	SW	Q	CONC
60	CCB	1032806	TRACE1	03/28/06	16:54	SW	B	CONC
61	AD613901/PB	1032806	TRACE1	03/28/06	16:59	SW	S	CONC
62	AD613900/FB	1032806	TRACE1	03/28/06	17:04	SW	S	CONC
63	AD613882 3005	1032806	TRACE1	03/28/06	17:09	SW	S	CONC
64	AD613883	1032806	TRACE1	03/28/06	17:14	SW	S	CONC
65	AD613884	1032806	TRACE1	03/28/06	17:18	SW	S	CONC
66	AD613885	1032806	TRACE1	03/28/06	17:23	SW	S	CONC
67	AD613886 3048	1032806	TRACE1	03/28/06	17:28	SW	S	CONC
68	AD613886/L (1:5)	1032806	TRACE1	03/28/06	17:33	SW	S	CONC
69	AD613886/PS	1032806	TRACE1	03/28/06	17:38	SW	S	CONC
70	AD613887/MS	1032806	TRACE1	03/28/06	17:43	SW	S	CONC
71	CCV	1032806	TRACE1	03/28/06	17:49	SW	Q	CONC
72	CCB	1032806	TRACE1	03/28/06	17:54	SW	B	CONC
73	AD613888/SD	1032806	TRACE1	03/28/06	17:59	SW	S	CONC
74	AD613889	1032806	TRACE1	03/28/06	18:04	SW	S	CONC
75	AD613890	1032806	TRACE1	03/28/06	18:09	SW	S	CONC
76	AD613891	1032806	TRACE1	03/28/06	18:14	SW	S	CONC
77	AD613892	1032806	TRACE1	03/28/06	18:19	SW	S	CONC
78	AD613893	1032806	TRACE1	03/28/06	18:24	SW	S	CONC
79	AD613894 3076	1032806	TRACE1	03/28/06	18:29	SW	S	CONC
80	AD613895	1032806	TRACE1	03/28/06	18:34	SW	S	CONC
81	AD613896	1032806	TRACE1	03/28/06	18:39	SW	S	CONC
82	AD613897 3152	1032806	TRACE1	03/28/06	18:44	SW	S	CONC
83	CCV	1032806	TRACE1	03/28/06	18:50	SW	Q	CONC
84	CCB	1032806	TRACE1	03/28/06	18:55	SW	B	CONC
85	STD BLK	1032806	TRACE1	03/28/06	19:06		X	IR
86	STD 1	1032806	TRACE1	03/28/06	19:11		X	IR
87	STD 2	1032806	TRACE1	03/28/06	19:15		X	IR
88	STD 3	1032806	TRACE1	03/28/06	19:20		X	IR
89	STD 3 VER	1032806	TRACE1	03/28/06	19:25	SW	B	CONC
90	ICV	1032806	TRACE1	03/28/06	19:30	SW	Q	CONC
91	ICB	1032806	TRACE1	03/28/06	19:35	SW	B	CONC
92	CRI	1032806	TRACE1	03/28/06	19:40	SW	B	CONC
93	ICSA	1032806	TRACE1	03/28/06	19:45	SW	Q	CONC
94	ICSAB	1032806	TRACE1	03/28/06	19:50	SW	Q	CONC
95	CCV	1032806	TRACE1	03/28/06	19:56	SW	Q	CONC
96	CCB	1032806	TRACE1	03/28/06	20:01	SW	B	CONC
97	AD613898 3152	1032806	TRACE1	03/28/06	20:06	SW	S	CONC
98	AD613899	1032806	TRACE1	03/28/06	20:11	SW	S	CONC
99	AD613861/PB	1032806	TRACE1	03/28/06	20:16	SW	S	CONC
100	AD613860/FB	1032806	TRACE1	03/28/06	20:21	SW	S	CONC
101	AD613842 3003	1032806	TRACE1	03/28/06	20:26	SW	S	CONC
102	AD613843	1032806	TRACE1	03/28/06	20:30	SW	S	CONC
103	AD613844	1032806	TRACE1	03/28/06	20:35	SW	S	CONC
104	AD613845	1032806	TRACE1	03/28/06	20:40	SW	S	CONC

Analysis Report Summary 03/29/06 07:10:11 AM page 3

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
105	AD613846 3003	1032806	TRACE1	03/28/06	20:45	SW	S	CONC
106	AD613847	1032806	TRACE1	03/28/06	20:50	SW	S	CONC
107	CCV	1032806	TRACE1	03/28/06	20:57	SW	Q	CONC
108	CCB	1032806	TRACE1	03/28/06	21:01	SW	B	CONC
109	AD613848	1032806	TRACE1	03/28/06	21:06	SW	S	CONC
110	AD613849	1032806	TRACE1	03/28/06	21:11	SW	S	CONC
111	AD613850	1032806	TRACE1	03/28/06	21:16	SW	S	CONC
112	AD613851	1032806	TRACE1	03/28/06	21:21	SW	S	CONC
113	AD613852	1032806	TRACE1	03/28/06	21:26	SW	S	CONC
114	AD613853	1032806	TRACE1	03/28/06	21:31	SW	S	CONC
115	AD613854	1032806	TRACE1	03/28/06	21:36	SW	S	CONC
116	AD613855	1032806	TRACE1	03/28/06	21:41	SW	S	CONC
117	AD613856 3007	1032806	TRACE1	03/28/06	21:46	SW	S	CONC
118	AD613856/L (1:5)	1032806	TRACE1	03/28/06	21:51	SW	S	CONC
119	CCV	1032806	TRACE1	03/28/06	21:57	SW	Q	CONC
120	CCB	1032806	TRACE1	03/28/06	22:02	SW	B	CONC
121	AD613856/PS	1032806	TRACE1	03/28/06	22:07	SW	S	CONC
122	AD613857/MS	1032806	TRACE1	03/28/06	22:12	SW	S	CONC
123	AD613858/SD	1032806	TRACE1	03/28/06	22:17	SW	S	CONC
124	AD613859 3139	1032806	TRACE1	03/28/06	22:22	SW	S	CONC
125	AD613801/PB	1032806	TRACE1	03/28/06	22:27	SW	S	CONC
126	AD613800/FB	1032806	TRACE1	03/28/06	22:32	SW	S	CONC
127	AD613782 3047	1032806	TRACE1	03/28/06	22:37	SW	S	CONC
128	AD613783	1032806	TRACE1	03/28/06	22:42	SW	S	CONC
129	AD613784	1032806	TRACE1	03/28/06	22:47	SW	S	CONC
130	AD613784/L (1:5)	1032806	TRACE1	03/28/06	22:52	SW	S	CONC
131	CCV	1032806	TRACE1	03/28/06	22:58	SW	Q	CONC
132	CCB	1032806	TRACE1	03/28/06	23:03	SW	B	CONC
133	AD613784/PS	1032806	TRACE1	03/28/06	23:08	SW	S	CONC
134	AD613785/MS	1032806	TRACE1	03/28/06	23:13	SW	S	CONC
135	AD613786/SD	1032806	TRACE1	03/28/06	23:18	SW	S	CONC
136	AD613787	1032806	TRACE1	03/28/06	23:23	SW	S	CONC
137	AD613788	1032806	TRACE1	03/28/06	23:28	SW	S	CONC
138	AD613789	1032806	TRACE1	03/28/06	23:33	SW	S	CONC
139	AD613790	1032806	TRACE1	03/28/06	23:38	SW	S	CONC
140	AD613791	1032806	TRACE1	03/28/06	23:43	SW	S	CONC
141	AD613792	1032806	TRACE1	03/28/06	23:48	SW	S	CONC
142	AD613793	1032806	TRACE1	03/28/06	23:53	SW	S	CONC
143	CCV	1032806	TRACE1	03/28/06	23:59	SW	Q	CONC
144	CCB	1032806	TRACE1	03/29/06	00:04	SW	B	CONC
145	AD613794 3054	1032806	TRACE1	03/29/06	00:09	SW	S	CONC
146	AD613795	1032806	TRACE1	03/29/06	00:14	SW	S	CONC
147	AD613796 3092	1032806	TRACE1	03/29/06	00:19	SW	S	CONC
148	AD613797	1032806	TRACE1	03/29/06	00:24	SW	S	CONC
149	AD613798	1032806	TRACE1	03/29/06	00:29	SW	S	CONC
150	AD613799	1032806	TRACE1	03/29/06	00:34	SW	S	CONC
151	CCV	1032806	TRACE1	03/29/06	00:40	SW	Q	CONC
152	CCB	1032806	TRACE1	03/29/06	00:45	SW	B	CONC
153	CCV	1032806	TRACE1	03/29/06	00:51	SW	Q	CONC
154	CCB	1032806	TRACE1	03/29/06	00:56	SW	B	CONC
155	STD BLK	1032806	TRACE1	03/29/06	01:07		X	IR
156	STD 1	1032806	TRACE1	03/29/06	01:12		X	IR
157	STD 2	1032806	TRACE1	03/29/06	01:17		X	IR
158	STD 3	1032806	TRACE1	03/29/06	01:21		X	IR

Analysis Report Summary 03/29/06 07:10:11 AM page 4

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
159	STD 3 VER	1032806	TRACE1	03/29/06	01:26	SW	B	CONC
160	ICV	1032806	TRACE1	03/29/06	01:31	SW	Q	CONC
161	ICB	1032806	TRACE1	03/29/06	01:36	SW	B	CONC
162	CRI	1032806	TRACE1	03/29/06	01:41	SW	B	CONC
163	ICSA	1032806	TRACE1	03/29/06	01:46	SW	Q	CONC
164	ICSAB	1032806	TRACE1	03/29/06	01:51	SW	Q	CONC
165	CCV	1032806	TRACE1	03/29/06	01:57	SW	Q	CONC
166	CCB	1032806	TRACE1	03/29/06	02:02	SW	B	CONC
167	AD613951/PB	1032806	TRACE1	03/29/06	02:07	SW	S	CONC
168	AD613950/FB	1032806	TRACE1	03/29/06	02:12	SW	S	CONC
169	AD613937 3110	1032806	TRACE1	03/29/06	02:17	SW	S	CONC
170	AD613938	1032806	TRACE1	03/29/06	02:22	SW	S	CONC
171	AD613939	1032806	TRACE1	03/29/06	02:27	SW	S	CONC
172	AD613940	1032806	TRACE1	03/29/06	02:32	SW	S	CONC
173	AD613940/L (1:5)	1032806	TRACE1	03/29/06	02:37	SW	S	CONC
174	AD613940/PS	1032806	TRACE1	03/29/06	02:42	SW	S	CONC
175	AD613941/MD	1032806	TRACE1	03/29/06	02:47	SW	S	CONC
176	AD613942/MS	1032806	TRACE1	03/29/06	02:52	SW	S	CONC
177	CCV	1032806	TRACE1	03/29/06	02:58	SW	Q	CONC
178	CCB	1032806	TRACE1	03/29/06	03:03	SW	B	CONC
179	AD613943	1032806	TRACE1	03/29/06	03:08	SW	S	CONC
180	AD613943/L (1:5)	1032806	TRACE1	03/29/06	03:13	SW	S	CONC
181	AD613943/PS	1032806	TRACE1	03/29/06	03:18	SW	S	CONC
182	AD613944/MD	1032806	TRACE1	03/29/06	03:23	SW	S	CONC
183	AD613945/MS	1032806	TRACE1	03/29/06	03:28	SW	S	CONC
184	AD613946	1032806	TRACE1	03/29/06	03:33	SW	S	CONC
185	AD613947 3156	1032806	TRACE1	03/29/06	03:38	SW	S	CONC
186	CRI	1032806	TRACE1	03/29/06	03:44	SW	B	CONC
187	ICSA	1032806	TRACE1	03/29/06	03:49	SW	Q	CONC
188	ICSAB	1032806	TRACE1	03/29/06	03:54	SW	Q	CONC
189	CCV	1032806	TRACE1	03/29/06	04:00	SW	Q	CONC
190	CCB	1032806	TRACE1	03/29/06	04:05	SW	B	CONC
191	AD613948	1032806	TRACE1	03/29/06	04:10	SW	S	CONC
192	AD613949	1032806	TRACE1	03/29/06	04:15	SW	S	CONC
193	AD613936/PB	1032806	TRACE1	03/29/06	04:20	SW	S	CONC
194	AD613935/FB	1032806	TRACE1	03/29/06	04:25	SW	S	CONC
195	AD613922 3108	1032806	TRACE1	03/29/06	04:30	SW	S	CONC
196	AD613923	1032806	TRACE1	03/29/06	04:35	SW	S	CONC
197	AD613924	1032806	TRACE1	03/29/06	04:40	SW	S	CONC
198	AD613925	1032806	TRACE1	03/29/06	04:45	SW	S	CONC
199	AD613925/L (1:5)	1032806	TRACE1	03/29/06	04:50	SW	S	CONC
200	AD613925/PS	1032806	TRACE1	03/29/06	04:55	SW	S	CONC
201	CCV	1032806	TRACE1	03/29/06	05:01	SW	Q	CONC
202	CCB	1032806	TRACE1	03/29/06	05:06	SW	B	CONC
203	AD613926/MD	1032806	TRACE1	03/29/06	05:11	SW	S	CONC
204	AD613927/MS	1032806	TRACE1	03/29/06	05:16	SW	S	CONC
205	AD613928	1032806	TRACE1	03/29/06	05:21	SW	S	CONC
206	AD613928/L (1:5)	1032806	TRACE1	03/29/06	05:26	SW	S	CONC
207	AD613928/PS	1032806	TRACE1	03/29/06	05:31	SW	S	CONC
208	AD613929/MD	1032806	TRACE1	03/29/06	05:36	SW	S	CONC
209	AD613930/MS	1032806	TRACE1	03/29/06	05:41	SW	S	CONC
210	CRI	1032806	TRACE1	03/29/06	05:48	SW	B	CONC
211	ICSA	1032806	TRACE1	03/29/06	05:53	SW	Q	CONC
212	ICSAB	1032806	TRACE1	03/29/06	05:58	SW	Q	CONC

Analysis Report Summary 03/29/06 07:10:11 AM page 5

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
213	CCV	1032806	TRACE1	03/29/06	06:04	SW	Q	CONC
214	CCB	1032806	TRACE1	03/29/06	06:09	SW	B	CONC
215	AD613931 3108	1032806	TRACE1	03/29/06	06:14	SW	S	CONC
216	AD613932 3153	1032806	TRACE1	03/29/06	06:19	SW	S	CONC
217	AD613933	1032806	TRACE1	03/29/06	06:24	SW	S	CONC
218	AD613934	1032806	TRACE1	03/29/06	06:29	SW	S	CONC
219	AD613356/(1:5) 3111	1032806	TRACE1	03/29/06	06:34	SW	S	CONC
220	CRI	1032806	TRACE1	03/29/06	06:40	SW	B	CONC
221	ICSA	1032806	TRACE1	03/29/06	06:45	SW	Q	CONC
222	ICSAB	1032806	TRACE1	03/29/06	06:50	SW	Q	CONC
223	CCV	1032806	TRACE1	03/29/06	06:56	SW	Q	CONC
224	CCB	1032806	TRACE1	03/29/06	07:01	SW	B	CONC

Method: TRACE1
Mode: Concentration
Standards Table: NAKCAMG
Data File: 1MAR1606

Element	Wavelength	Date-of-Fit	Type-of-Fit	Correlation
Ca3179	317.933	03/16/06 12:41	Full Fit	.999981
K_7664	766.491	03/16/06 12:42	Full Fit	.999964
Mg2790	279.078	03/16/06 12:42	Full Fit	.999984
Na3302	330.232	03/16/06 12:42	Full Fit	.999996

Calibration Report 03/16/06 12:13:42 PM page 1

Method: TRACE1 Standard Name: STD BLK Operator:
Run Time: 03/16/06 12:10:41
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	.0307293	-.210334	.0034779	.0046080
SDev	.0001792	.001148	.0008062	.0017080
%RSD	.5830732	.5455866	23.17903	37.06602
#1	.0306026	-.209522	.0040480	.0034003
#2	.0308560	-.211145	.0029079	.0058158
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6183	--	--	--	--	--	--
SDev	9.970275	--	--	--	--	--	--
%RSD	.1612530	--	--	--	--	--	--
#1	6176	--	--	--	--	--	--
#2	6190	--	--	--	--	--	--

Calibration Report 03/16/06 12:18:30 PM page 1

Method: TRACE1 Standard Name: STD 1 Operator:
Run Time: 03/16/06 12:15:29
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	4.325460	13.47969	2.098351	.2085747
SDev	.020176	.17325	.002100	.0012783
%RSD	.4664367	1.285301	.1000911	.6128554
#1	4.311193	13.35718	2.096866	.2094785
#2	4.339726	13.60220	2.099836	.2076708
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6238	--	--	--	--	--	--
SDev	16.01590	--	--	--	--	--	--
%RSD	.2567669	--	--	--	--	--	--
#1	6249	--	--	--	--	--	--
#2	6226	--	--	--	--	--	--

Calibration Report 03/16/06 12:23:41 PM page 1

Method: TRACE1 Standard Name: STD 2 Operator:
Run Time: 03/16/06 12:20:40
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	21.99334	68.78076	10.86834	1.057659
SDev	.05185	.62654	.01476	.004322
%RSD	.2357321	.9109246	.1358212	.4086057
#1	21.95668	68.33773	10.87878	1.060715
#2	22.02999	69.22379	10.85790	1.054603
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6058	--	--	--	--	--	--
SDev	33.41080	--	--	--	--	--	--
%RSD	.5515039	--	--	--	--	--	--
#1	6082	--	--	--	--	--	--
#2	6034	--	--	--	--	--	--

Calibration Report 03/16/06 12:28:41 PM page 1

Method: TRACE1 Standard Name: STD 3 Operator:
Run Time: 03/16/06 12:25:40
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	43.47566	134.3991	21.79380	2.161770
SDev	.08537	.8460	.04223	.000122
%RSD	.1963689	.6294374	.1937543	.0056540
#1	43.41529	133.8009	21.82366	2.161684
#2	43.53603	134.9973	21.76394	2.161857
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6005	--	--	--	--	--	--
SDev	19.94055	--	--	--	--	--	--
%RSD	.3320768	--	--	--	--	--	--
#1	5991	--	--	--	--	--	--
#2	6019	--	--	--	--	--	--

Calibration Report 03/16/06 12:33:59 PM page 1

Method: TRACE1 Standard Name: NAKCAMG100 Operator:
Run Time: 03/16/06 12:30:59
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	86.27998	263.7991	43.97542	4.485132
SDev	.10470	.3689	.06104	.004614
%RSD	.1213517	.1398480	.1388097	.1028635
#1	86.20595	263.5382	43.93225	4.488394
#2	86.35402	264.0599	44.01858	4.481870
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5989	--	--	--	--	--	--
SDev	7.106630	--	--	--	--	--	--
%RSD	.1186589	--	--	--	--	--	--
#1	5984	--	--	--	--	--	--
#2	5994	--	--	--	--	--	--

Calibration Report 03/16/06 12:39:53 PM page 1

Method: TRACE1 Standard Name: NAKCAMG400 Operator:
Run Time: 03/16/06 12:36:52
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	333.8220	988.5113	185.6037	21.18327
SDev	5.0884	14.1960	3.1057	.29009
%RSD	1.524296	1.436094	1.673278	1.369444
#1	330.2239	978.4733	183.4077	20.97814
#2	337.4201	998.5494	187.7998	21.38839
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5702	--	--	--	--	--	--
SDev	76.04954	--	--	--	--	--	--
%RSD	1.333729	--	--	--	--	--	--
#1	5756	--	--	--	--	--	--
#2	5648	--	--	--	--	--	--

Analysis Report Summary 03/29/06 07:10:32 AM page 1

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	A6276501/TOT	1032806	TRACE1	03/28/06	13:00	SW	S	CONC
2	A6297704/TOT	1032806	TRACE1	03/28/06	13:38	SW	S	CONC
3	A6297708/TOT	1032806	TRACE1	03/28/06	13:47	SW	S	CONC
4	A6297711/TOT	1032806	TRACE1	03/28/06	14:08	SW	S	CONC
5	A6297715/TOT	1032806	TRACE1	03/28/06	14:18	SW	S	CONC
6	AD612072	1032806	TRACE1	03/28/06	12:55	SW	S	CONC
7	AD612824	1032806	TRACE1	03/28/06	13:33	SW	S	CONC
8	AD612828	1032806	TRACE1	03/28/06	13:42	SW	S	CONC
9	AD612833	1032806	TRACE1	03/28/06	14:03	SW	S	CONC
10	AD612837	1032806	TRACE1	03/28/06	14:13	SW	S	CONC
11	AD613101/(1:5)	1032806	TRACE1	03/28/06	12:41	SW	S	CONC
12	AD613101/L (1:25)	1032806	TRACE1	03/28/06	12:46	SW	S	CONC
13	AD613101/PS	1032806	TRACE1	03/28/06	12:50	SW	S	CONC
14	AD613356/(1:5)	1032806	TRACE1	03/29/06	06:34	SW	S	CONC
15	AD613427/(1:5)	1032806	TRACE1	03/28/06	12:36	SW	S	CONC
16	AD613466/(1:5)	1032806	TRACE1	03/28/06	12:31	SW	S	CONC
17	AD613782	1032806	TRACE1	03/28/06	22:37	SW	S	CONC
18	AD613783	1032806	TRACE1	03/28/06	22:42	SW	S	CONC
19	AD613784	1032806	TRACE1	03/28/06	22:47	SW	S	CONC
20	AD613784/L (1:5)	1032806	TRACE1	03/28/06	22:52	SW	S	CONC
21	AD613784/PS	1032806	TRACE1	03/28/06	23:08	SW	S	CONC
22	AD613785/MS	1032806	TRACE1	03/28/06	23:13	SW	S	CONC
23	AD613786/SD	1032806	TRACE1	03/28/06	23:18	SW	S	CONC
24	AD613787	1032806	TRACE1	03/28/06	23:23	SW	S	CONC
25	AD613788	1032806	TRACE1	03/28/06	23:28	SW	S	CONC
26	AD613789	1032806	TRACE1	03/28/06	23:33	SW	S	CONC
27	AD613790	1032806	TRACE1	03/28/06	23:38	SW	S	CONC
28	AD613791	1032806	TRACE1	03/28/06	23:43	SW	S	CONC
29	AD613792	1032806	TRACE1	03/28/06	23:48	SW	S	CONC
30	AD613793	1032806	TRACE1	03/28/06	23:53	SW	S	CONC
31	AD613794	1032806	TRACE1	03/29/06	00:09	SW	S	CONC
32	AD613795	1032806	TRACE1	03/29/06	00:14	SW	S	CONC
33	AD613796	1032806	TRACE1	03/29/06	00:19	SW	S	CONC
34	AD613797	1032806	TRACE1	03/29/06	00:24	SW	S	CONC
35	AD613798	1032806	TRACE1	03/29/06	00:29	SW	S	CONC
36	AD613799	1032806	TRACE1	03/29/06	00:34	SW	S	CONC
37	AD613800/FB	1032806	TRACE1	03/28/06	22:32	SW	S	CONC
38	AD613801/PB	1032806	TRACE1	03/28/06	22:27	SW	S	CONC
39	AD613802	1032806	TRACE1	03/28/06	14:45	SW	S	CONC
40	AD613803	1032806	TRACE1	03/28/06	14:50	SW	S	CONC
41	AD613804	1032806	TRACE1	03/28/06	14:55	SW	S	CONC
42	AD613805	1032806	TRACE1	03/28/06	15:00	SW	S	CONC
43	AD613806	1032806	TRACE1	03/28/06	15:05	SW	S	CONC
44	AD613806/L (1:5)	1032806	TRACE1	03/28/06	15:10	SW	S	CONC
45	AD613806/PS	1032806	TRACE1	03/28/06	15:15	SW	S	CONC
46	AD613807/MS	1032806	TRACE1	03/28/06	15:20	SW	S	CONC
47	AD613808/SD	1032806	TRACE1	03/28/06	15:24	SW	S	CONC
48	AD613809	1032806	TRACE1	03/28/06	15:29	SW	S	CONC
49	AD613810	1032806	TRACE1	03/28/06	15:46	SW	S	CONC
50	AD613811	1032806	TRACE1	03/28/06	15:50	SW	S	CONC
51	AD613812	1032806	TRACE1	03/28/06	15:55	SW	S	CONC
52	AD613813	1032806	TRACE1	03/28/06	16:00	SW	S	CONC
53	AD613814	1032806	TRACE1	03/28/06	16:17	SW	S	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
54	AD613815	1032806	TRACE1	03/28/06	16:22	SW	S	CONC
55	AD613816	1032806	TRACE1	03/28/06	16:28	SW	S	CONC
56	AD613817	1032806	TRACE1	03/28/06	16:33	SW	S	CONC
57	AD613818	1032806	TRACE1	03/28/06	16:38	SW	S	CONC
58	AD613819	1032806	TRACE1	03/28/06	16:43	SW	S	CONC
59	AD613820/FB	1032806	TRACE1	03/28/06	14:29	SW	S	CONC
60	AD613821/PB	1032806	TRACE1	03/28/06	14:24	SW	S	CONC
61	AD613842	1032806	TRACE1	03/28/06	20:26	SW	S	CONC
62	AD613843	1032806	TRACE1	03/28/06	20:30	SW	S	CONC
63	AD613844	1032806	TRACE1	03/28/06	20:35	SW	S	CONC
64	AD613845	1032806	TRACE1	03/28/06	20:40	SW	S	CONC
65	AD613846	1032806	TRACE1	03/28/06	20:45	SW	S	CONC
66	AD613847	1032806	TRACE1	03/28/06	20:50	SW	S	CONC
67	AD613848	1032806	TRACE1	03/28/06	21:06	SW	S	CONC
68	AD613849	1032806	TRACE1	03/28/06	21:11	SW	S	CONC
69	AD613850	1032806	TRACE1	03/28/06	21:16	SW	S	CONC
70	AD613851	1032806	TRACE1	03/28/06	21:21	SW	S	CONC
71	AD613852	1032806	TRACE1	03/28/06	21:26	SW	S	CONC
72	AD613853	1032806	TRACE1	03/28/06	21:31	SW	S	CONC
73	AD613854	1032806	TRACE1	03/28/06	21:36	SW	S	CONC
74	AD613855	1032806	TRACE1	03/28/06	21:41	SW	S	CONC
75	AD613856	1032806	TRACE1	03/28/06	21:46	SW	S	CONC
76	AD613856/L (1:5)	1032806	TRACE1	03/28/06	21:51	SW	S	CONC
77	AD613856/PS	1032806	TRACE1	03/28/06	22:07	SW	S	CONC
78	AD613857/MS	1032806	TRACE1	03/28/06	22:12	SW	S	CONC
79	AD613858/SD	1032806	TRACE1	03/28/06	22:17	SW	S	CONC
80	AD613859	1032806	TRACE1	03/28/06	22:22	SW	S	CONC
81	AD613860/FB	1032806	TRACE1	03/28/06	20:21	SW	S	CONC
82	AD613861/PB	1032806	TRACE1	03/28/06	20:16	SW	S	CONC
83	AD613882	1032806	TRACE1	03/28/06	17:09	SW	S	CONC
84	AD613883	1032806	TRACE1	03/28/06	17:14	SW	S	CONC
85	AD613884	1032806	TRACE1	03/28/06	17:18	SW	S	CONC
86	AD613885	1032806	TRACE1	03/28/06	17:23	SW	S	CONC
87	AD613886	1032806	TRACE1	03/28/06	17:28	SW	S	CONC
88	AD613886/L (1:5)	1032806	TRACE1	03/28/06	17:33	SW	S	CONC
89	AD613886/PS	1032806	TRACE1	03/28/06	17:38	SW	S	CONC
90	AD613887/MS	1032806	TRACE1	03/28/06	17:43	SW	S	CONC
91	AD613888/SD	1032806	TRACE1	03/28/06	17:59	SW	S	CONC
92	AD613889	1032806	TRACE1	03/28/06	18:04	SW	S	CONC
93	AD613890	1032806	TRACE1	03/28/06	18:09	SW	S	CONC
94	AD613891	1032806	TRACE1	03/28/06	18:14	SW	S	CONC
95	AD613892	1032806	TRACE1	03/28/06	18:19	SW	S	CONC
96	AD613893	1032806	TRACE1	03/28/06	18:24	SW	S	CONC
97	AD613894	1032806	TRACE1	03/28/06	18:29	SW	S	CONC
98	AD613895	1032806	TRACE1	03/28/06	18:34	SW	S	CONC
99	AD613896	1032806	TRACE1	03/28/06	18:39	SW	S	CONC
100	AD613897	1032806	TRACE1	03/28/06	18:44	SW	S	CONC
101	AD613898	1032806	TRACE1	03/28/06	20:06	SW	S	CONC
102	AD613899	1032806	TRACE1	03/28/06	20:11	SW	S	CONC
103	AD613900/FB	1032806	TRACE1	03/28/06	17:04	SW	S	CONC
104	AD613901/PB	1032806	TRACE1	03/28/06	16:59	SW	S	CONC
105	AD613922	1032806	TRACE1	03/29/06	04:30	SW	S	CONC
106	AD613923	1032806	TRACE1	03/29/06	04:35	SW	S	CONC
107	AD613924	1032806	TRACE1	03/29/06	04:40	SW	S	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
108	AD613925	1032806	TRACE1	03/29/06	04:45	SW	S	CONC
109	AD613925/L (1:5)	1032806	TRACE1	03/29/06	04:50	SW	S	CONC
110	AD613925/PS	1032806	TRACE1	03/29/06	04:55	SW	S	CONC
111	AD613926/MD	1032806	TRACE1	03/29/06	05:11	SW	S	CONC
112	AD613927/MS	1032806	TRACE1	03/29/06	05:16	SW	S	CONC
113	AD613928	1032806	TRACE1	03/29/06	05:21	SW	S	CONC
114	AD613928/L (1:5)	1032806	TRACE1	03/29/06	05:26	SW	S	CONC
115	AD613928/PS	1032806	TRACE1	03/29/06	05:31	SW	S	CONC
116	AD613929/MD	1032806	TRACE1	03/29/06	05:36	SW	S	CONC
117	AD613930/MS	1032806	TRACE1	03/29/06	05:41	SW	S	CONC
118	AD613931	1032806	TRACE1	03/29/06	06:14	SW	S	CONC
119	AD613932	1032806	TRACE1	03/29/06	06:19	SW	S	CONC
120	AD613933	1032806	TRACE1	03/29/06	06:24	SW	S	CONC
121	AD613934	1032806	TRACE1	03/29/06	06:29	SW	S	CONC
122	AD613935/FB	1032806	TRACE1	03/29/06	04:25	SW	S	CONC
123	AD613936/PB	1032806	TRACE1	03/29/06	04:20	SW	S	CONC
124	AD613937	1032806	TRACE1	03/29/06	02:17	SW	S	CONC
125	AD613938	1032806	TRACE1	03/29/06	02:22	SW	S	CONC
126	AD613939	1032806	TRACE1	03/29/06	02:27	SW	S	CONC
127	AD613940	1032806	TRACE1	03/29/06	02:32	SW	S	CONC
128	AD613940/L (1:5)	1032806	TRACE1	03/29/06	02:37	SW	S	CONC
129	AD613940/PS	1032806	TRACE1	03/29/06	02:42	SW	S	CONC
130	AD613941/MD	1032806	TRACE1	03/29/06	02:47	SW	S	CONC
131	AD613942/MS	1032806	TRACE1	03/29/06	02:52	SW	S	CONC
132	AD613943	1032806	TRACE1	03/29/06	03:08	SW	S	CONC
133	AD613943/L (1:5)	1032806	TRACE1	03/29/06	03:13	SW	S	CONC
134	AD613943/PS	1032806	TRACE1	03/29/06	03:18	SW	S	CONC
135	AD613944/MD	1032806	TRACE1	03/29/06	03:23	SW	S	CONC
136	AD613945/MS	1032806	TRACE1	03/29/06	03:28	SW	S	CONC
137	AD613946	1032806	TRACE1	03/29/06	03:33	SW	S	CONC
138	AD613947	1032806	TRACE1	03/29/06	03:38	SW	S	CONC
139	AD613948	1032806	TRACE1	03/29/06	04:10	SW	S	CONC
140	AD613949	1032806	TRACE1	03/29/06	04:15	SW	S	CONC
141	AD613950/FB	1032806	TRACE1	03/29/06	02:12	SW	S	CONC
142	AD613951/PB	1032806	TRACE1	03/29/06	02:07	SW	S	CONC
143	CCB	1032806	TRACE1	03/28/06	12:26	SW	B	CONC
144	CCB	1032806	TRACE1	03/28/06	13:28	SW	B	CONC
145	CCB	1032806	TRACE1	03/28/06	14:40	SW	B	CONC
146	CCB	1032806	TRACE1	03/28/06	15:41	SW	B	CONC
147	CCB	1032806	TRACE1	03/28/06	16:54	SW	B	CONC
148	CCB	1032806	TRACE1	03/28/06	17:54	SW	B	CONC
149	CCB	1032806	TRACE1	03/28/06	18:55	SW	B	CONC
150	CCB	1032806	TRACE1	03/28/06	20:01	SW	B	CONC
151	CCB	1032806	TRACE1	03/28/06	21:01	SW	B	CONC
152	CCB	1032806	TRACE1	03/28/06	22:02	SW	B	CONC
153	CCB	1032806	TRACE1	03/28/06	23:03	SW	B	CONC
154	CCB	1032806	TRACE1	03/29/06	00:04	SW	B	CONC
155	CCB	1032806	TRACE1	03/29/06	00:45	SW	B	CONC
156	CCB	1032806	TRACE1	03/29/06	00:56	SW	B	CONC
157	CCB	1032806	TRACE1	03/29/06	02:02	SW	B	CONC
158	CCB	1032806	TRACE1	03/29/06	03:03	SW	B	CONC
159	CCB	1032806	TRACE1	03/29/06	04:05	SW	B	CONC
160	CCB	1032806	TRACE1	03/29/06	05:06	SW	B	CONC
161	CCB	1032806	TRACE1	03/29/06	06:09	SW	B	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
162	CCB	1032806	TRACE1	03/29/06	07:01	SW	B	CONC
163	CCV	1032806	TRACE1	03/28/06	12:21	SW	Q	CONC
164	CCV	1032806	TRACE1	03/28/06	13:23	SW	Q	CONC
165	CCV	1032806	TRACE1	03/28/06	14:35	SW	Q	CONC
166	CCV	1032806	TRACE1	03/28/06	15:36	SW	Q	CONC
167	CCV	1032806	TRACE1	03/28/06	16:49	SW	Q	CONC
168	CCV	1032806	TRACE1	03/28/06	17:49	SW	Q	CONC
169	CCV	1032806	TRACE1	03/28/06	18:50	SW	Q	CONC
170	CCV	1032806	TRACE1	03/28/06	19:56	SW	Q	CONC
171	CCV	1032806	TRACE1	03/28/06	20:57	SW	Q	CONC
172	CCV	1032806	TRACE1	03/28/06	21:57	SW	Q	CONC
173	CCV	1032806	TRACE1	03/28/06	22:58	SW	Q	CONC
174	CCV	1032806	TRACE1	03/28/06	23:59	SW	Q	CONC
175	CCV	1032806	TRACE1	03/29/06	00:40	SW	Q	CONC
176	CCV	1032806	TRACE1	03/29/06	00:51	SW	Q	CONC
177	CCV	1032806	TRACE1	03/29/06	01:57	SW	Q	CONC
178	CCV	1032806	TRACE1	03/29/06	02:58	SW	Q	CONC
179	CCV	1032806	TRACE1	03/29/06	04:00	SW	Q	CONC
180	CCV	1032806	TRACE1	03/29/06	05:01	SW	Q	CONC
181	CCV	1032806	TRACE1	03/29/06	06:04	SW	Q	CONC
182	CCV	1032806	TRACE1	03/29/06	06:56	SW	Q	CONC
183	CRI	1032806	TRACE1	03/28/06	12:05	SW	B	CONC
184	CRI	1032806	TRACE1	03/28/06	13:07	SW	B	CONC
185	CRI	1032806	TRACE1	03/28/06	19:40	SW	B	CONC
186	CRI	1032806	TRACE1	03/29/06	01:41	SW	B	CONC
187	CRI	1032806	TRACE1	03/29/06	03:44	SW	B	CONC
188	CRI	1032806	TRACE1	03/29/06	05:48	SW	B	CONC
189	CRI	1032806	TRACE1	03/29/06	06:40	SW	B	CONC
190	ICB	1032806	TRACE1	03/28/06	12:00	SW	B	CONC
191	ICB	1032806	TRACE1	03/28/06	19:35	SW	B	CONC
192	ICB	1032806	TRACE1	03/29/06	01:36	SW	B	CONC
193	ICSA	1032806	TRACE1	03/28/06	12:10	SW	Q	CONC
194	ICSA	1032806	TRACE1	03/28/06	13:12	SW	Q	CONC
195	ICSA	1032806	TRACE1	03/28/06	19:45	SW	Q	CONC
196	ICSA	1032806	TRACE1	03/29/06	01:46	SW	Q	CONC
197	ICSA	1032806	TRACE1	03/29/06	03:49	SW	Q	CONC
198	ICSA	1032806	TRACE1	03/29/06	05:53	SW	Q	CONC
199	ICSA	1032806	TRACE1	03/29/06	06:45	SW	Q	CONC
200	ICSAB	1032806	TRACE1	03/28/06	12:15	SW	Q	CONC
201	ICSAB	1032806	TRACE1	03/28/06	13:16	SW	Q	CONC
202	ICSAB	1032806	TRACE1	03/28/06	19:50	SW	Q	CONC
203	ICSAB	1032806	TRACE1	03/29/06	01:51	SW	Q	CONC
204	ICSAB	1032806	TRACE1	03/29/06	03:54	SW	Q	CONC
205	ICSAB	1032806	TRACE1	03/29/06	05:58	SW	Q	CONC
206	ICSAB	1032806	TRACE1	03/29/06	06:50	SW	Q	CONC
207	ICV	1032806	TRACE1	03/28/06	11:55	SW	Q	CONC
208	ICV	1032806	TRACE1	03/28/06	19:30	SW	Q	CONC
209	ICV	1032806	TRACE1	03/29/06	01:31	SW	Q	CONC
210	STD 1	1032806	TRACE1	03/28/06	11:36		X	IR
211	STD 1	1032806	TRACE1	03/28/06	19:11		X	IR
212	STD 1	1032806	TRACE1	03/29/06	01:12		X	IR
213	STD 2	1032806	TRACE1	03/28/06	11:40		X	IR
214	STD 2	1032806	TRACE1	03/28/06	19:15		X	IR
215	STD 2	1032806	TRACE1	03/29/06	01:17		X	IR

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
216	STD 3	1032806	TRACE1	03/28/06	11:45		X	IR
217	STD 3	1032806	TRACE1	03/28/06	19:20		X	IR
218	STD 3	1032806	TRACE1	03/29/06	01:21		X	IR
219	STD 3 VER	1032806	TRACE1	03/28/06	11:50	SW	B	CONC
220	STD 3 VER	1032806	TRACE1	03/28/06	19:25	SW	B	CONC
221	STD 3 VER	1032806	TRACE1	03/29/06	01:26	SW	B	CONC
222	STD BLK	1032806	TRACE1	03/28/06	11:31		X	IR
223	STD BLK	1032806	TRACE1	03/28/06	19:06		X	IR
224	STD BLK	1032806	TRACE1	03/29/06	01:07		X	IR

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
1	A6276501/TOT	.19385	.01118	.04234	.12149	-.00003	73.407
2	A6297704/TOT	.15646	.09094	22.385	.00625	.00070	626.78
3	A6297708/TOT	.02530	-.00380	5.4542	.00626	.00074	657.36
4	A6297711/TOT	.02853	.00119	.05428	.04930	.00036	98.366
5	A6297715/TOT	.85537	.00153	.02287	.03385	.00038	23.014
6	AD612072	.23702	.01519	.04179	.12181	.00013	73.100
7	AD612824	.29061	.09527	23.077	.07627	.00107	652.23
8	AD612828	.02353	.00038	5.4977	.00633	.00098	667.11
9	AD612833	.03347	-.00003	.05726	.16152	.00064	100.21
10	AD612837	1.9935	.00119	.02503	.04053	.00058	23.146
11	AD613101/(1:5)	2.1545	.00306	-.00313	.01351	.00025	182.15
12	AD613101/L (1:25)	.43796	.00080	.00016	.00284	.00006	36.376
13	AD613101/PS	12.640	.21070	.19363	.22736	.21069	205.08
14	AD613356/(1:5)	-.00979	.00179	.13813	.02025	.00016	39.764
15	AD613427/(1:5)	.05528	.00227	.14641	.02243	.00019	42.394
16	AD613466/(1:5)	.08694	.00505	1.0986	.11307	.00014	28.609
17	AD613782	.07609	.00341	.00930	.04080	.00019	63.580
18	AD613783	.07429	.00355	.00896	.04044	.00017	62.947
19	AD613784	.41972	.00512	.01033	.01261	.00018	68.997
20	AD613784/L (1:5)	.10422	.00166	.00215	.00265	.00005	14.074
21	AD613784/PS	10.552	.20880	.20513	.21941	.20194	77.015
22	AD613785/MS	10.405	.20691	.19658	.21532	.19891	77.737
23	AD613786/SD	10.385	.20936	.19878	.21692	.19830	79.814
24	AD613787	3.5075	.00795	.04844	.03990	.00018	15.763
25	AD613788	.20632	.00377	.02643	.72068	.00042	197.76
26	AD613789	.07372	-.00048	.03903	.81315	.00041	227.57
27	AD613790	.05176	.00313	.03597	.83345	.00031	204.30
28	AD613791	.08252	.00323	.03322	.86404	.00042	207.67
29	AD613792	.15442	.01940	.02536	.07975	.00024	56.524
30	AD613793	.10709	.00101	.01379	.10100	.00025	92.427
31	AD613794	.02367	-.00187	.00038	.00026	.00013	.02110
32	AD613795	.82888	.00102	.03719	.03149	.00021	42.841
33	AD613796	.16307	.03833	.06214	2.2389	.00122	H1698.7
34	AD613797	.55163	.00515	.03799	.56943	.00029	269.39
35	AD613798	.19026	.05560	.03281	.86335	.00076	823.91
36	AD613799	.79857	.02763	.09369	2.3829	.00137	H1684.0
37	AD613800/FB	9.7505	.20082	.18509	.20047	.19631	9.9020
38	AD613801/PB	.01114	.00092	.00257	.00012	.00002	.01819
39	AD613802	157.11	.04638	.11029	.50762	.00836	904.20
40	AD613803	16.799	.00518	.16508	.15228	.00146	146.99
41	AD613804	1.2772	.00237	.23018	.31973	.00084	172.25
42	AD613805	.03265	-.00029	.00423	.00002	.00052	.03443
43	AD613806	.19862	.00095	.01304	.36470	.00063	10.701
44	AD613806/L (1:5)	.05856	.00022	.00408	.07302	.00055	2.1722
45	AD613806/PS	10.209	.20911	.20533	.56396	.20692	20.711
46	AD613807/MS	10.263	.19842	.20296	.56944	.19594	20.571
47	AD613808/SD	10.162	.20442	.19864	.56258	.19778	20.514
48	AD613809	.06699	-.00027	.01235	.37554	.00052	10.452
49	AD613810	.55011	.00046	.02506	.02606	.00069	33.613
50	AD613811	.17127	.00272	.03603	.02587	.00071	38.009
51	AD613812	.13137	.00098	.03506	.02342	.00043	34.148
52	AD613813	.11565	.00234	.07527	.04380	.00072	151.72
53	AD613814	.03693	.00145	.03979	.09862	.00061	172.83

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
54	AD613815	.05658	.00022	.03362	.03512	.00094	345.26
55	AD613816	.15098	-.00011	.04608	.04105	.00071	116.91
56	AD613817	.06616	.00079	.02099	.06585	.00079	56.159
57	AD613818	.06299	.00091	.02060	.06722	.00074	56.978
58	AD613819	6.2968	.00249	.01451	.07298	.00082	19.798
59	AD613820/FB	9.8247	.19897	.18944	.20053	.19699	9.9823
60	AD613821/PB	.02336	-.00128	.00651	.00007	.00038	.02223
61	AD613842	.01526	.02076	.05897	.06925	.00005	88.638
62	AD613843	.22370	.00028	6.0061	.03301	.00025	98.376
63	AD613844	.02747	.02132	.89431	.25203	.00018	121.47
64	AD613845	.02169	.00045	2.2670	.09476	.00010	117.64
65	AD613846	.01779	.00652	.25521	.09655	.00011	117.04
66	AD613847	.02150	.01938	.06043	.06914	.00005	88.330
67	AD613848	.07489	.00189	.93033	.04809	.00021	115.65
68	AD613849	.87422	.00069	3.1724	.46391	.00084	504.25
69	AD613850	.44454	.00203	1.2153	.07161	.00024	273.94
70	AD613851	.12765	.00037	3.4127	.18519	.00052	238.33
71	AD613852	.01118	-.00006	.62951	.11376	.00016	126.22
72	AD613853	4.9529	.00325	2.4361	.09517	.00087	343.65
73	AD613854	.88476	.00050	2.2727	.08654	.00021	87.185
74	AD613855	.13039	-.00146	3.1469	.09086	.00017	62.808
75	AD613856	.06605	.07178	.20094	.00461	.00030	130.81
76	AD613856/L (1:5)	.01722	.01419	.04343	.00094	.00006	26.334
77	AD613856/PS	10.397	.28691	.38824	.21285	.20956	137.90
78	AD613857/MS	10.350	.28300	.38807	.21062	.20431	141.08
79	AD613858/SD	10.384	.28265	.38586	.21167	.20437	140.72
80	AD613859	.20217	.00243	.09120	.08522	.00100	50.275
81	AD613860/FB	9.2567	.18456	.17527	.19045	.18637	9.2761
82	AD613861/PB	.01727	-.00154	.00113	.00010	.00000	.02421
83	AD613882	.06430	.00123	.06103	.50184	.00065	73.741
84	AD613883	.03759	.00939	.05902	.46472	.00062	77.561
85	AD613884	.06151	.00099	.03915	.33251	.00071	124.36
86	AD613885	.05394	.00206	.02011	.07372	.00089	164.01
87	AD613886	.10749	-.00041	.01866	.16434	.00102	244.04
88	AD613886/L (1:5)	.04019	-.00024	.00475	.03282	.00052	48.271
89	AD613886/PS	10.215	.21139	.21069	.36443	.20415	247.88
90	AD613887/MS	10.098	.20486	.20584	.36672	.19785	253.56
91	AD613888/SD	10.207	.20712	.20629	.37378	.19751	258.33
92	AD613889	.65073	-.00057	.01502	.09019	.00097	205.97
93	AD613890	.14516	.00227	.02109	.04689	.00061	98.883
94	AD613891	.14148	.00331	.02030	.04678	.00068	99.611
95	AD613892	.31828	.00131	.00984	.04264	.00075	89.045
96	AD613893	8.1286	.00198	.02560	.10371	.00105	145.34
97	AD613894	.56477	.00079	.12472	.04618	.00054	32.557
98	AD613895	.55180	.00150	.05788	.08297	.00058	6.3980
99	AD613896	3.3007	.00195	.05353	.09123	.00076	16.454
100	AD613897	.05301	.00092	.01407	.20379	.00078	62.429
101	AD613898	.02248	.00201	.10358	.00258	.00000	1.2798
102	AD613899	.02075	.00206	.03791	.23466	.00015	127.74
103	AD613900/FB	9.6356	.19627	.18603	.19456	.19161	9.8239
104	AD613901/PB	.04032	-.00184	.00304	.00006	.00048	.01879
105	AD613922	10.446	.01973	.10123	.27642	.00124	129.81
106	AD613923	-.00956	.00074	.00090	.00012	-.00019	.02483
107	AD613924	.12077	.00771	.64636	.06924	.00021	255.02

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
108	AD613925	.02446	.01686	3.5723	3.5944	.00016	242.17
109	AD613925/L (1:5)	-.00172	.00300	.69782	.73284	.00006	49.704
110	AD613925/PS	10.132	.22429	3.7219	3.7526	.20202	250.01
111	AD613926/MD	.00432	.02032	3.6199	3.3815	.00012	238.76
112	AD613927/MS	2.0785	.05941	3.7124	5.5173	.05130	245.81
113	AD613928	2.3376	.02689	.38079	.19433	.00025	210.83
114	AD613928/L (1:5)	.45447	.00536	.07712	.03937	.00011	42.931
115	AD613928/PS	12.169	.23028	.56028	.39101	.20157	215.12
116	AD613929/MD	1.1377	.01283	.32797	.12336	.00008	174.69
117	AD613930/MS	9.2823	.12818	.46500	2.3792	.04933	312.26
118	AD613931	34.347	.07811	.13645	.74845	.00452	150.28
119	AD613932	-.01246	-.00034	.00143	.00023	-.00007	.02937
120	AD613933	.27646	.00540	.12209	.27843	-.00019	16.486
121	AD613934	.15419	.00770	3.0474	1.5235	.00016	201.56
122	AD613935/FB	10.164	.20200	.19736	.20888	.20510	10.181
123	AD613936/PB	-.01163	.00244	.00596	.00015	-.00012	.02829
124	AD613937	.21292	.00305	.10605	.18785	.00058	141.48
125	AD613938	.00119	.00172	.00050	.00004	-.00010	.01948
126	AD613939	.00650	.00259	.68555	.06785	.00020	268.48
127	AD613940	-.00562	.00798	3.3616	3.0908	.00020	225.86
128	AD613940/L (1:5)	-.01031	.00143	.65905	.62585	-.00002	45.772
129	AD613940/PS	9.9533	.21098	3.4915	3.2271	.19703	230.22
130	AD613941/MD	.00044	.00847	3.2414	2.9780	.00018	218.26
131	AD613942/MS	1.9373	.05181	3.2821	4.9378	.04768	220.89
132	AD613943	.00112	.00148	.43986	.08627	.00010	186.51
133	AD613943/L (1:5)	-.01471	.00231	.09496	.01859	-.00009	40.249
134	AD613943/PS	9.8107	.20148	.65860	.29214	.19805	207.86
135	AD613944/MD	-.01139	.00199	.42230	.07827	.00002	183.32
136	AD613945/MS	2.0227	.04395	.48638	2.1087	.05094	200.74
137	AD613946	-.00253	.00139	.08543	.06486	.00007	116.19
138	AD613947	-.00406	.00095	.00143	.00010	.00002	.02468
139	AD613948	.36572	.00474	.11757	.24643	.00003	13.123
140	AD613949	.15512	.00805	3.0444	1.4900	.00017	203.17
141	AD613950/FB	9.8170	.20302	.18863	.20046	.20040	10.018
142	AD613951/PB	.00409	.00175	.00068	.00001	-.00016	.01016
143	CCB	.02388	-.00023	.00053	.00008	.00008	.02641
144	CCB	.08941	.00010	.00109	.00016	.00023	.08055
145	CCB	.07099	.00049	.00465	.00012	.00067	.05222
146	CCB	.08714	.00129	.00247	.00024	.00089	.05288
147	CCB	.06370	.00044	.00183	.00013	.00068	.03628
148	CCB	.02975	-.00012	.00086	.00010	.00060	.00317
149	CCB	.04163	-.00036	.00059	.00016	.00081	.00478
150	CCB	.00519	-.00019	.00086	.00037	.00025	.02605
151	CCB	.02680	-.00021	.00103	.00022	.00023	.02324
152	CCB	.02515	.00038	.00262	.00024	.00017	.02558
153	CCB	.00727	-.00056	.00163	.00013	.00011	.00339
154	CCB	.00953	.00033	.00032	.00009	.00009	.00312
155	CCB	.01588	.00087	.00118	.00017	.00015	.02359
156	CCB	.01332	.00000	.00205	.00024	.00013	.03056
157	CCB	.00049	.00152	-.00035	.00015	.00012	.03411
158	CCB	-.00547	.00096	.00373	.00002	.00001	-.00193
159	CCB	-.00105	.00191	.00091	.00012	.00011	.00992
160	CCB	-.01092	-.00025	.00400	.00018	.00010	.01119
161	CCB	-.00250	.00132	.00214	.00019	.00020	.01668

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
162	CCB	.00086	-.00063	.00175	.00023	.00008	.03142
163	CCV	25.163	.49116	.46629	.49078	.50321	25.638
164	CCV	25.155	.48463	.46692	.49065	.49893	25.336
165	CCV	25.018	.49053	.46304	.48158	.49516	25.636
166	CCV	25.090	.48847	.46332	.48424	.49256	25.532
167	CCV	24.865	.48538	.46121	.47657	.48809	25.407
168	CCV	24.958	.48433	.46129	.48151	.49113	25.402
169	CCV	24.932	.48456	.46195	.48089	.48893	25.354
170	CCV	25.354	.48416	.46625	.49937	.51297	25.632
171	CCV	25.094	.49535	.46540	.48734	.50038	25.490
172	CCV	24.979	.49287	.46403	.48525	.49625	25.325
173	CCV	25.029	.49472	.46173	.48667	.49709	25.411
174	CCV	24.929	.48380	.45631	.48607	.49158	25.018
175	CCV	24.910	.49059	.46122	.48627	.49258	25.186
176	CCV	24.629	.48429	.45596	.48159	.48585	24.925
177	CCV	24.514	.47425	.45814	.47849	.49221	25.126
178	CCV	24.660	.47935	.46581	.48212	.49188	25.145
179	CCV	24.619	.48239	.46192	.48347	.49603	25.258
180	CCV	24.630	.47430	.46467	.48146	.49553	25.068
181	CCV	24.940	.48428	.47220	.49172	.50466	25.618
182	CCV	24.529	.47664	.46255	.48476	.49788	25.202
183	CRI	.20190	.00832	.06442	.00213	.00195	.52951
184	CRI	.20898	.00975	.06341	.00210	.00202	.52833
185	CRI	.21316	.01108	.06439	.00219	.00204	.53257
186	CRI	.19883	.01023	.06320	.00209	.00204	.53134
187	CRI	.19218	.01060	.06521	.00214	.00204	.53337
188	CRI	.18501	.00958	.06758	.00201	.00195	.51745
189	CRI	.18663	.01038	.06872	.00200	.00202	.52454
190	ICB	.01720	-.00057	.00286	.00034	.00030	.01556
191	ICB	.00467	.00122	.00191	.00024	.00019	.00828
192	ICB	.00314	.00103	.00163	.00015	.00031	.00385
193	ICSA	508.30	-.00087	.00113	.00799	.00160	499.97
194	ICSA	503.54	-.00339	.00304	.00789	.00166	493.13
195	ICSA	512.19	.00226	.00307	.00797	.00172	508.59
196	ICSA	506.25	-.00146	.00131	.00783	.00163	504.39
197	ICSA	512.02	-.00084	.00236	.00785	.00170	507.52
198	ICSA	491.94	.00169	.00329	.00761	.00155	490.02
199	ICSA	497.45	.00344	.00408	.00770	.00163	498.19
200	ICSAB	516.89	.10660	.00736	.51126	.49389	516.19
201	ICSAB	517.21	.10446	.00640	.51206	.49318	512.35
202	ICSAB	518.28	.10695	.00689	.51210	.49773	521.44
203	ICSAB	519.31	.10790	.00778	.51159	.49657	522.33
204	ICSAB	520.25	.10303	.00764	.51452	.50030	522.81
205	ICSAB	503.03	.10243	.00723	.50123	.48645	506.64
206	ICSAB	500.22	.10309	.00869	.50002	.48490	504.67
207	ICV	18.899	.37037	Q.35392	.36845	.37837	19.302
208	ICV	18.919	.36918	Q.35390	.36929	.37929	19.225
209	ICV	18.847	.36372	Q.35393	.36700	.37663	19.134
210	STD 1	4.5313	1.30296	.47279	.84094	1.75191	
211	STD 1	4.49885	1.24592	.46577	.82124	1.78763	
212	STD 1	4.53762	1.30516	.46726	.82948	1.77251	
213	STD 2	22.1792	6.41356	2.09964	4.17134	8.21663	
214	STD 2	22.3933	6.44664	2.11747	4.10239	8.50412	
215	STD 2	22.5147	6.512	2.11773	4.17228	8.49917	

Analysis Report Averages 03/29/06 07:10:32 AM page 10

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
216	STD 3	44.4354	12.8686	4.17518	8.30947	16.2147	47.3656
217	STD 3	44.4246	12.8644	4.16152	8.09134	16.5849	47.6575
218	STD 3	44.3452	12.7976	4.15006	8.11886	16.3562	47.5036
219	STD 3 VER	50.613	.99425	.98155	1.0045	1.0013	50.168
220	STD 3 VER	50.637	1.0226	.99408	1.0046	1.0027	50.675
221	STD 3 VER	50.306	.98437	.98154	.99388	.99427	50.114
222	STD BLK	.10088	-.01711	.02311	.00134	.11988	.02822
223	STD BLK	.07726	-.01743	.02762	.00018	.1213	.03745
224	STD BLK	.09546	-.01698	.02861	.00127	.12344	.03933

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
1	A6276501/TOT	-.00029	.10747	-.00048	.00181	17.308	5.5330
2	A6297704/TOT	-.00041	-.00281	.01377	.00214	9.1964	312.92
3	A6297708/TOT	.00003	.00120	-.00008	-.00125	2.6354	11.957
4	A6297711/TOT	.00175	.00089	.00058	-.00046	.14989	2.1719
5	A6297715/TOT	.00024	.00136	.00050	-.00003	.63893	.60524
6	AD612072	-.00018	.13226	.00017	.00298	19.992	5.0742
7	AD612824	-.00033	-.00289	.01397	.00365	9.8172	310.47
8	AD612828	.00019	.00080	-.00038	-.00102	2.6775	11.228
9	AD612833	.00182	.00069	.00082	-.00033	.10434	1.9828
10	AD612837	.00025	.00120	.00194	.00160	2.8071	.90837
11	AD613101/(1:5)	.00009	.00296	.04184	12.646	5.7792	.46109
12	AD613101/L (1:25)	.00020	.00097	.00846	2.4997	1.1782	.09098
13	AD613101/PS	.20615	.20730	.25394	13.850	16.681	11.558
14	AD613356/(1:5)	-.00012	.00006	.00061	.00099	.01970	13.407
15	AD613427/(1:5)	.00018	.00101	.00052	.00173	.20117	14.629
16	AD613466/(1:5)	.00033	.00417	.00313	.00170	1.1557	39.262
17	AD613782	.00017	.00504	.00060	.00035	64.691	1.7987
18	AD613783	.00031	.00425	.00118	.00062	64.242	1.8062
19	AD613784	-.00002	.00981	.00072	.00043	101.11	.43812
20	AD613784/L (1:5)	-.00011	.00219	.00049	.00007	20.514	.09416
21	AD613784/PS	.20225	.20862	.20274	.21422	108.60	10.998
22	AD613785/MS	.20028	.20919	.19863	.20270	107.53	10.610
23	AD613786/SD	.20078	.20914	.19814	.20252	110.86	10.686
24	AD613787	.00026	.00157	.00388	.00421	2.6123	1.5592
25	AD613788	-.00004	.00129	.00160	.00008	91.626	3.6579
26	AD613789	.00011	.00120	.00082	.00036	87.803	3.2256
27	AD613790	.00000	.00107	.00182	-.00031	87.954	2.7401
28	AD613791	.00013	.00106	.00185	.00083	90.102	3.5787
29	AD613792	-.00036	.00530	.00013	.00024	107.48	1.8008
30	AD613793	.00005	.00449	.00054	-.00002	19.754	.82521
31	AD613794	.00011	.00043	.00123	-.00028	.01692	.03345
32	AD613795	.00014	.00242	.00223	.00515	1.5185	6.0244
33	AD613796	.00012	.00918	.00883	-.00100	.17708	70.413
34	AD613797	.00018	.00134	.06895	.00534	.88154	41.972
35	AD613798	.00022	.01623	.04386	.08361	.57813	102.81
36	AD613799	.00025	.01132	.08771	.00985	13.320	61.351
37	AD613800/FB	.20092	.19839	.19615	.19505	9.8639	9.7863
38	AD613801/PB	.00015	.00003	.00001	.00013	.00038	.02435
39	AD613802	-.00015	.03511	.21658	.09782	128.90	41.658
40	AD613803	-.00010	.00793	.03385	.00890	16.219	10.636
41	AD613804	.00032	.00245	.01813	.00199	1.2455	9.7847

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
42	AD613805	.00020	.00078	.00028	-.00081	.01305	-.01282
43	AD613806	.00020	.00188	.00039	-.00098	.53219	4.9286
44	AD613806/L (1:5)	-.00002	.00064	-.00010	-.00039	.09717	.96808
45	AD613806/PS	.21076	.20578	.20899	.21452	11.057	15.394
46	AD613807/MS	.20222	.19979	.19748	.19571	10.475	15.322
47	AD613808/SD	.20366	.20169	.20005	.19721	10.545	15.162
48	AD613809	.00014	.00078	.00054	-.00090	.05654	4.9414
49	AD613810	.00012	.00081	.00107	.00212	.44515	1.7380
50	AD613811	.00032	.00077	.00071	.00322	.24338	2.1728
51	AD613812	.00004	.00047	.00051	.00284	.16445	2.0033
52	AD613813	.00018	.00084	.00032	.00407	.09102	2.5858
53	AD613814	-.00001	.00088	.00033	.00271	.13119	1.4908
54	AD613815	.00013	.00063	.00063	-.00012	1.0088	1.6838
55	AD613816	.00217	.00100	.00086	.03305	.35681	10.629
56	AD613817	.00012	.00089	.00009	.01541	.09965	14.341
57	AD613818	.00008	.00101	.00026	.01406	.10374	14.653
58	AD613819	.00001	.00357	.00631	.00495	6.7209	2.8629
59	AD613820/FB	.20194	.19958	.19784	.19661	9.9527	9.9831
60	AD613821/PB	.00006	.00076	.00010	-.00094	.00822	-.00518
61	AD613842	-.00003	.00046	.00008	.00046	1.6589	2.2111
62	AD613843	.00038	.00111	.00099	.00189	.32131	20.496
63	AD613844	.00008	.00059	.00033	-.00020	1.7532	7.0057
64	AD613845	.00019	.00068	.00067	-.00038	.26493	12.701
65	AD613846	.00013	.00087	.00011	-.00009	1.3460	4.1304
66	AD613847	.00026	.00058	.00048	.00039	1.6454	2.2080
67	AD613848	-.00005	.00079	.00103	-.00026	.20591	6.6863
68	AD613849	.00016	.00214	.02382	.00266	1.0150	59.076
69	AD613850	.00029	.00108	.00160	.00504	.82296	15.478
70	AD613851	.00020	.00133	.00104	.00095	.16535	32.261
71	AD613852	.00009	.00045	.00310	-.00016	-.00074	2.8728
72	AD613853	.00022	.00583	.00719	.00775	6.9859	53.302
73	AD613854	.00012	.00099	.00327	.00130	1.0422	11.121
74	AD613855	.00022	.00025	.00104	-.00004	.19964	16.071
75	AD613856	.00028	.00079	.00142	.00617	1.2859	1.1234
76	AD613856/L (1:5)	.00024	.00002	.00034	.00115	.26781	.19365
77	AD613856/PS	.21586	.20840	.20967	.22563	11.860	13.941
78	AD613857/MS	.20503	.20495	.20241	.21076	11.438	13.582
79	AD613858/SD	.20426	.20489	.20246	.21151	11.407	13.648
80	AD613859	.00007	.00176	.00904	.00576	.61108	30.958
81	AD613860/FB	.18315	.18677	.18572	.18690	9.2205	9.3531
82	AD613861/PB	.00018	.00024	.00018	.00036	.00201	.01341
83	AD613882	.00006	.00084	.00022	-.00094	2.5617	1.5932
84	AD613883	.00025	.00099	.00020	-.00094	2.8489	1.3078
85	AD613884	.00007	.00101	.00069	-.00102	1.4110	1.8891
86	AD613885	-.00023	.00196	.00003	-.00176	5.7504	1.9423
87	AD613886	-.00042	.00127	.00000	-.00131	32.760	1.5612
88	AD613886/L (1:5)	.00015	.00067	.00002	-.00094	6.5507	.28688
89	AD613886/PS	.20752	.20174	.20519	.21203	42.356	12.913
90	AD613887/MS	.20257	.19951	.19806	.19666	43.365	12.616
91	AD613888/SD	.20175	.19837	.19739	.19683	44.540	12.809
92	AD613889	-.00055	.00147	.00085	-.00080	24.538	.66714
93	AD613890	-.00024	.00118	.00020	-.00101	13.144	.88226
94	AD613891	-.00021	.00074	.00057	-.00081	13.214	.90073
95	AD613892	.00014	.00076	.00052	-.00084	.66846	1.6640

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
96	AD613893	-.00023	.00694	.00993	.00475	16.387	2.6503
97	AD613894	.00029	.00452	.00170	.00561	.17473	36.544
98	AD613895	.00016	.00442	.00146	.00330	.46798	20.050
99	AD613896	.00007	.00684	.00616	.04453	2.7259	15.317
100	AD613897	.00004	.00026	.00041	.00885	.00718	1.1165
101	AD613898	.00012	.00047	.00091	.07270	.01469	.14373
102	AD613899	.00004	.00045	.00078	.00522	-.00554	1.6304
103	AD613900/FB	.20186	.19557	.19276	.19160	9.7773	9.7670
104	AD613901/PB	.00011	.00071	-.00025	-.00088	.01091	-.00965
105	AD613922	.00630	.01850	.02088	.21934	148.83	7.2480
106	AD613923	-.00013	.00045	.00036	.00017	.00599	-.02427
107	AD613924	.00149	.00198	.00109	.04989	5.5555	18.899
108	AD613925	-.00013	.00548	.01184	.00087	26.849	47.654
109	AD613925/L (1:5)	-.00011	.00152	.00258	.00009	5.5286	8.7873
110	AD613925/PS	.19510	.19910	.20938	.21340	36.485	58.090
111	AD613926/MD	-.00013	.00496	.01974	.00097	27.668	51.021
112	AD613927/MS	.04794	.50585	.21531	.25655	28.765	51.655
113	AD613928	.00489	.01341	.00668	.14967	15.612	11.682
114	AD613928/L (1:5)	.00104	.00258	.00178	.02958	3.2108	2.1907
115	AD613928/PS	.19897	.20776	.20479	.35633	25.227	22.210
116	AD613929/MD	.00178	.00677	.00337	.06758	7.4279	10.398
117	AD613930/MS	.06235	.51243	.20959	.76271	53.406	14.068
118	AD613931	.01826	.04732	.07596	.57043	342.23	10.157
119	AD613932	-.00005	.00018	.00047	.00096	.03683	-.02257
120	AD613933	.00026	.00165	.00114	.00320	.38995	27.118
121	AD613934	.00009	.00146	.00205	.00098	10.003	21.720
122	AD613935/FB	.19894	.20271	.20166	.20507	10.117	10.386
123	AD613936/PB	-.00020	.00036	.00021	.00059	.00617	-.02538
124	AD613937	.00188	.01094	.00065	.00642	23.381	6.0004
125	AD613938	.00000	.00015	.00035	-.00045	.00286	-.02746
126	AD613939	.00133	.00139	.00059	.02385	2.0032	19.707
127	AD613940	-.00019	.00411	.00143	-.00054	14.555	46.870
128	AD613940/L (1:5)	.00000	.00045	.00064	.00067	2.9463	8.7417
129	AD613940/PS	.19237	.19408	.19583	.21039	24.102	56.975
130	AD613941/MD	-.00010	.00376	.00165	-.00032	17.276	45.864
131	AD613942/MS	.04551	.47420	.19036	.24031	20.459	46.314
132	AD613943	-.00003	.00224	.00063	.00074	1.3486	13.014
133	AD613943/L (1:5)	-.00005	.00039	.00056	-.00001	.29464	2.6743
134	AD613943/PS	.19224	.19408	.19642	.20883	11.345	24.578
135	AD613944/MD	-.00023	.00194	.00049	.00211	.05909	12.059
136	AD613945/MS	.04863	.50616	.20086	.25474	1.2875	14.173
137	AD613946	-.00012	.00042	.00056	.00117	.06724	5.2504
138	AD613947	-.00031	.00081	.00017	-.00050	-.00185	-.01222
139	AD613948	.00012	.00135	.00118	.00118	.29011	24.560
140	AD613949	.00009	.00188	.00153	.00062	9.0375	21.650
141	AD613950/FB	.19897	.19995	.19869	.19835	9.9241	10.015
142	AD613951/PB	.00008	.00018	.00048	-.00025	.00082	-.00817
143	CCB	.00011	.00047	-.00016	.00014	.00397	-.01433
144	CCB	.00040	.00090	.00018	-.00039	.02091	-.00865
145	CCB	.00043	.00071	.00037	-.00045	.02575	-.00273
146	CCB	.00025	.00099	.00010	-.00103	.02788	-.00591
147	CCB	.00023	.00092	.00036	-.00081	.01640	-.01070
148	CCB	.00018	.00068	.00035	-.00074	.01091	-.01429
149	CCB	.00017	.00057	.00017	-.00060	.00655	-.01420

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
150	CCB	.00020	.00036	.00067	.00165	.01117	.08411
151	CCB	.00040	.00059	.00038	.00023	.00834	.03079
152	CCB	.00033	.00036	.00026	-.00045	.00781	.02104
153	CCB	.00022	.00066	.00034	-.00036	.01111	.01301
154	CCB	.00018	.00033	.00062	-.00015	.01109	.02444
155	CCB	.00010	.00045	.00027	-.00049	.00938	.03327
156	CCB	.00034	.00055	-.00002	-.00037	.01649	.01480
157	CCB	.00023	.00023	.00079	.00005	.00254	-.01546
158	CCB	-.00009	.00013	.00007	-.00028	.00085	-.01302
159	CCB	.00008	.00004	.00026	.00022	.00034	-.02119
160	CCB	-.00004	-.00006	.00057	.00060	-.00667	-.00043
161	CCB	.00018	.00000	.00018	-.00003	-.00127	-.02244
162	CCB	.00014	.00005	.00053	.00069	.00533	-.01875
163	CCV	.49634	.49704	.50028	.52196	25.100	24.968
164	CCV	.48506	.49081	.49465	.52327	24.798	24.928
165	CCV	.50498	.49417	.49782	.50901	25.146	25.060
166	CCV	.50098	.49242	.49598	.50965	25.066	25.269
167	CCV	.50199	.48933	.49052	.50459	24.931	24.858
168	CCV	.50000	.49117	.49299	.50789	24.952	25.152
169	CCV	.49889	.49009	.49343	.50545	24.900	25.143
170	CCV	.48285	.50010	.50805	.52968	25.030	23.499
171	CCV	.49892	.49541	.49713	.51439	24.997	24.728
172	CCV	.49813	.49198	.49357	.51032	24.808	24.611
173	CCV	.50362	.49491	.49564	.51144	24.963	24.709
174	CCV	.48689	.48655	.48981	.51042	24.567	24.518
175	CCV	.50057	.49218	.49221	.50861	24.824	24.650
176	CCV	.49638	.48566	.48550	.50188	24.532	24.420
177	CCV	.47940	.48375	.48713	.50933	24.419	24.496
178	CCV	.48399	.48487	.48863	.51017	24.498	24.668
179	CCV	.48416	.48717	.49153	.51232	24.584	24.736
180	CCV	.47293	.48308	.48940	.51226	24.372	24.546
181	CCV	.48901	.49413	.50016	.52032	24.962	24.975
182	CCV	.47891	.48725	.49365	.51512	24.584	24.702
183	CRI	.00131	.00471	.00408	.00952	.06783	.46646
184	CRI	.00121	.00449	.00411	.00986	.07200	.47554
185	CRI	.00127	.00413	.00423	.01009	H.08462	.50305
186	CRI	.00085	.00430	.00468	.00943	H.08514	.48588
187	CRI	.00101	.00378	.00448	.01064	H.09098	.49690
188	CRI	.00102	.00403	.00437	.00971	.04611	.47349
189	CRI	.00065	.00398	.00461	.00969	.04384	.48201
190	ICB	.00050	.00096	.00025	-.00021	.01821	.00848
191	ICB	.00030	.00044	.00088	.00056	.01596	.03155
192	ICB	.00004	.00012	.00071	.00024	.00200	.00760
193	ICSA	-.00080	.00191	-.00249	-.00123	191.03	-.02910
194	ICSA	-.00166	.00217	-.00260	-.00191	188.99	-.02538
195	ICSA	.00057	.00126	-.00219	.00002	194.43	-.00659
196	ICSA	-.00046	.00126	-.00189	-.00042	191.76	-.02538
197	ICSA	.00022	.00104	-.00149	.00008	192.96	-.03886
198	ICSA	-.00017	.00085	-.00189	.00035	186.10	-.03351
199	ICSA	-.00028	.00117	-.00134	-.00028	189.28	-.01992
200	ICSAB	.96031	.48206	.48927	.53837	96.065	-.03467
201	ICSAB	.95240	.47987	.48754	.54193	95.744	-.04242
202	ICSAB	.99441	.48801	.49434	.53598	97.334	.00473
203	ICSAB	.96961	.48481	.49066	.53884	96.702	-.03061

Analysis Report Averages 03/29/06 07:10:32 AM page 14

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
204	ICSAB	.96191	.48487	.49338	.54243	96.784	-.04319
205	ICSAB	.93356	.47071	.48057	.52509	93.886	-.03454
206	ICSAB	.92996	.46981	.47865	.52482	93.664	-.04467
207	ICV	.37364	.37359	.37597	.39147	18.856	18.757
208	ICV	.37320	.37443	.37683	.39053	18.842	18.718
209	ICV	.36317	.36866	.37367	.39213	18.662	18.816
210	STD 1	2.36078	.98768	.81041	.44823	.86194	
211	STD 1	2.21869	.99463	.81097	.4604	.84654	
212	STD 1	2.32128	1.00463	.81275	.45233	.85237	
213	STD 2	11.4214	4.90754	3.98549	2.24653	4.23923	
214	STD 2	11.1682	5.02159	4.06973	2.27705	4.24563	
215	STD 2	11.5073	5.07059	4.094	2.28	4.29153	
216	STD 3	22.4969	9.71443	7.91006	4.49246	8.39616	136.424
217	STD 3	22.2941	9.87773	8.02121	4.48158	8.38154	135.418
218	STD 3	22.6132	9.85449	7.95863	4.44152	8.38149	135.076
219	STD 3 VER	.98153	.99208	.99808	1.0094	49.693	50.217
220	STD 3 VER	1.0245	1.0045	1.0073	1.0009	50.449	50.288
221	STD 3 VER	.98135	.98851	.99149	.99959	49.518	50.205
222	STD BLK	.00125	-.01227	.00295	-.00044	-.0017	-.27412
223	STD BLK	.00397	-.00866	.00035	.00559	-.00117	-.31612
224	STD BLK	.00736	-.00581	-.00027	.00454	.00027	-.20983

#	Sample Name	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
1	A6276501/TOT	35.364	7.5332	13.885	.12455	-.00363	.00291
2	A6297704/TOT	219.90	3.3450	H459.98	.00086	-.00758	-.00132
3	A6297708/TOT	139.27	2.3677	122.98	.00095	-.00629	.00157
4	A6297711/TOT	35.359	.01389	16.491	.00189	-.00343	.00158
5	A6297715/TOT	7.7067	.00602	2.2344	.00284	-.00469	.00188
6	AD612072	35.405	7.5160	14.025	.12985	.00066	.00041
7	AD612824	227.54	3.4701	H474.05	.00072	-.00635	.00017
8	AD612828	140.71	2.3956	124.07	.00042	-.00709	.00216
9	AD612833	35.888	.01210	16.625	.00100	-.00247	.00125
10	AD612837	7.8841	.03013	2.2152	.00278	.00178	.00329
11	AD613101/(1:5)	5.1090	.25490	.71803	.02785	.00308	.00340
12	AD613101/L (1:25)	1.0422	.05054	.10578	.00549	-.00023	.00213
13	AD613101/PS	15.972	.47855	11.572	.23754	.20758	.21742
14	AD613356/(1:5)	36.080	.06553	291.22	.00257	.00090	-.00058
15	AD613427/(1:5)	38.334	.07899	312.86	.00265	.00063	.00257
16	AD613466/(1:5)	20.172	.27725	133.67	.01074	-.00124	.00159
17	AD613782	14.759	1.8656	8.6782	.00086	.00047	.00125
18	AD613783	14.604	1.8596	8.6698	.00068	.00285	-.00058
19	AD613784	20.029	2.0250	9.9938	.00119	.00143	.00088
20	AD613784/L (1:5)	4.0959	.40983	1.8945	.00033	.00222	.00075
21	AD613784/PS	29.702	2.1695	20.318	.20420	.20141	.20279
22	AD613785/MS	29.450	2.2822	19.786	.19905	.20399	.20392
23	AD613786/SD	30.050	2.3215	20.269	.19886	.20265	.20226
24	AD613787	7.3583	.06534	28.463	.00231	.00155	.00196
25	AD613788	37.675	.47528	8.9987	.00171	.00122	.00124
26	AD613789	33.882	.23636	11.159	.00094	.01679	.01840
27	AD613790	41.431	.28145	7.6113	.00069	.00005	.00204
28	AD613791	36.210	.41590	5.6893	.00096	.05196	.05014
29	AD613792	10.676	1.7421	5.3486	.00223	.00075	.00017

#	Sample Name	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
30	AD613793	19.419	2.2383	30.168	.00191	.00294	.00009
31	AD613794	.00560	.00424	-.06882	.00000	.00058	.00161
32	AD613795	10.347	.14763	10.105	.00629	.00033	.00223
33	AD613796	.09402	.00525	H402.83	.01980	-.00202	.00048
34	AD613797	.62646	.01515	213.53	.05672	.00629	.00643
35	AD613798	.45008	.01146	H718.40	.04120	.03056	.03362
36	AD613799	6.6006	.11949	383.32	.01555	.01454	.01709
37	AD613800/FB	9.9747	.19632	9.9509	.19840	.20357	.20169
38	AD613801/PB	.00346	.00003	.08818	-.00002	.00170	.00061
39	AD613802	87.789	1.7718	29.136	.15852	.07967	.07794
40	AD613803	33.912	.30065	112.61	.02684	.00707	.00891
41	AD613804	58.359	.16025	97.260	.03927	.00043	.00109
42	AD613805	.01025	.00007	.05740	.00086	-.00045	.00014
43	AD613806	7.3864	.28623	5.1842	.00125	-.00028	.00238
44	AD613806/L (1:5)	1.4959	.05720	1.0242	.00002	-.00203	.00192
45	AD613806/PS	17.708	.48300	15.615	.21190	.20845	.20685
46	AD613807/MS	17.298	.48303	15.441	.20098	.20322	.20105
47	AD613808/SD	17.257	.47903	15.387	.20275	.20287	.20293
48	AD613809	7.6351	.00948	5.0338	.00128	-.00005	.00217
49	AD613810	8.5533	.00884	12.975	.00146	-.00036	.00315
50	AD613811	8.9379	.00512	51.587	.01690	-.00043	.00124
51	AD613812	8.0723	.00375	24.989	.01831	-.00024	.00308
52	AD613813	43.938	.00537	94.998	.00667	-.00165	.00000
53	AD613814	59.961	.04909	15.720	.00129	-.00090	.00430
54	AD613815	133.32	.19714	106.57	.00107	-.00206	.00176
55	AD613816	43.490	.04708	131.97	.00333	-.00002	.00320
56	AD613817	9.9163	.00799	H450.91	.00202	-.00310	.00394
57	AD613818	10.079	.00818	H458.19	.00187	-.00144	.00146
58	AD613819	4.6589	.82812	6.6062	.00669	.00344	.00354
59	AD613820/FB	10.008	.19648	9.9544	.20133	.20395	.20179
60	AD613821/PB	.00538	.00007	.01405	.00061	.00047	.00080
61	AD613842	54.206	.02315	10.758	.00022	.00223	-.00062
62	AD613843	41.995	.04709	255.01	.00206	.00031	.00044
63	AD613844	80.436	.03341	39.247	.00056	-.00044	.00112
64	AD613845	55.374	.02346	40.081	.00081	.00067	.00097
65	AD613846	69.642	.02777	15.600	.00081	-.00126	.00212
66	AD613847	53.826	.02296	10.716	-.00031	.00147	-.00052
67	AD613848	56.262	.11233	51.675	.00270	.00103	-.00011
68	AD613849	221.98	.23048	H944.51	.00494	-.00274	.00256
69	AD613850	84.977	.16126	54.018	.00545	.00074	-.00017
70	AD613851	100.12	.09824	H441.39	.00184	.00054	.00050
71	AD613852	52.677	1.9522	38.720	.00632	-.00030	.00016
72	AD613853	137.63	.27382	H747.84	.00948	.00329	.00334
73	AD613854	42.966	.03197	85.774	.00352	.00370	.00203
74	AD613855	29.873	.01533	81.033	.00104	.00066	.00068
75	AD613856	5.1797	.10257	H416.63	.00316	-.00016	.00097
76	AD613856/L (1:5)	1.0642	.02050	87.796	.00069	.00145	.00071
77	AD613856/PS	15.620	.30725	H410.67	.21570	.21310	.21200
78	AD613857/MS	15.318	.30842	H422.85	.20554	.20552	.21124
79	AD613858/SD	15.279	.30787	H423.60	.20463	.20839	.20725
80	AD613859	12.443	.12703	H3160.3	.13211	.00292	.00463
81	AD613860/FB	9.3817	.18577	9.3814	.18439	.18879	.19022
82	AD613861/PB	.00668	.00000	-.03741	-.00001	.00008	.00140
83	AD613882	35.340	.01991	12.672	.00052	-.00133	.00142

#	Sample Name	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
84	AD613883	32.278	.01498	11.697	.00062	-.00339	.00307
85	AD613884	44.320	.02323	25.515	.00023	-.00025	-.00025
86	AD613885	68.022	.09176	8.0577	.00036	-.00218	.00228
87	AD613886	45.109	2.2094	58.820	.00187	-.00228	.00269
88	AD613886/L (1:5)	9.0524	.44225	11.465	.00013	-.00041	.00086
89	AD613886/PS	54.289	2.3417	67.371	.20790	.20191	.20396
90	AD613887/MS	54.954	2.4598	69.578	.20132	.20152	.20144
91	AD613888/SD	55.834	2.5108	70.733	.20078	.20129	.19964
92	AD613889	32.268	2.0637	23.135	.00053	-.00210	.00183
93	AD613890	13.175	.46426	14.395	.00053	-.00256	.00291
94	AD613891	13.270	.47113	14.420	.00126	-.00060	.00086
95	AD613892	14.689	2.1889	32.344	.00037	.00039	.00183
96	AD613893	18.346	3.5069	108.45	.00582	.00035	.00658
97	AD613894	6.5191	.14534	29.519	.00584	-.00272	.00052
98	AD613895	4.3367	.07880	13.002	.00243	.00021	.00145
99	AD613896	5.4356	.18665	7.6960	.00375	.00257	.00676
100	AD613897	10.116	.00019	11.187	.00053	-.00235	.00238
101	AD613898	.50272	.00012	129.82	.00226	.00247	.00129
102	AD613899	37.283	.00022	23.924	.00127	.00207	.00055
103	AD613900/FB	9.8210	.19286	9.7749	.19766	.19983	.19970
104	AD613901/PB	.00392	.00000	-.09095	-.00023	-.00189	.00119
105	AD613922	17.591	1.6081	55.805	.06493	.09569	.10021
106	AD613923	.00460	.00012	.04532	.00098	-.00267	.00070
107	AD613924	40.731	.59571	74.254	.02017	.04211	.04633
108	AD613925	150.20	.37951	177.58	.01773	-.00421	.00264
109	AD613925/L (1:5)	30.612	.07764	35.209	.00387	-.00295	.00012
110	AD613925/PS	158.76	.57204	186.05	.21248	.19245	.19861
111	AD613926/MD	152.32	.39450	176.89	.02274	-.00411	-.00054
112	AD613927/MS	155.89	.89498	181.17	.51121	.02019	.02323
113	AD613928	28.302	2.3479	66.575	.04082	.06503	.06834
114	AD613928/L (1:5)	5.8153	.48257	13.271	.00890	.01334	.01291
115	AD613928/PS	37.736	2.4822	75.455	.23857	.25929	.26434
116	AD613929/MD	26.099	1.5895	68.498	.02433	.02479	.03128
117	AD613930/MS	33.036	5.2325	62.438	.58610	.24088	.24215
118	AD613931	25.663	1.8186	53.639	.19445	.35475	.36299
119	AD613932	.01101	.00041	.13487	.00190	-.00067	-.00116
120	AD613933	7.3810	.03244	31.803	.00200	-.00089	.00152
121	AD613934	104.67	.89893	208.35	.00634	-.00128	.00121
122	AD613935/FB	10.367	.20282	10.516	.20320	.20354	.20689
123	AD613936/PB	.01513	.00016	.09880	.00127	-.00228	-.00153
124	AD613937	14.589	1.3217	53.200	.04107	-.00215	.00013
125	AD613938	.00578	.00012	-.03741	.00089	-.00181	-.00012
126	AD613939	42.765	.56384	78.221	.01903	.00151	.00432
127	AD613940	142.74	.36322	165.64	.00822	-.00296	.00006
128	AD613940/L (1:5)	28.868	.07374	32.936	.00209	.00003	-.00119
129	AD613940/PS	149.42	.54860	172.50	.20173	.19289	.19399
130	AD613941/MD	137.88	.35136	159.47	.00776	-.00108	-.00029
131	AD613942/MS	139.04	.82691	160.85	.47069	.01936	.02044
132	AD613943	27.247	1.7391	50.684	.00996	-.00312	.00189
133	AD613943/L (1:5)	5.9686	.37880	10.901	.00298	.00108	-.00054
134	AD613943/PS	38.967	2.0385	64.827	.20734	.19228	.19411
135	AD613944/MD	27.669	1.5765	59.159	.01058	-.00198	-.00021
136	AD613945/MS	29.510	1.3666	55.156	.50972	.02251	.02152
137	AD613946	12.971	.21963	53.188	.00642	-.00214	-.00014

#	Sample Name	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
138	AD613947	.00445	.00010	-.04725	.00092	-.00292	-.00013
139	AD613948	5.5780	.03013	29.935	.00208	-.00066	.00079
140	AD613949	104.75	.90591	207.61	.00586	-.00268	.00025
141	AD613950/FB	10.175	.19798	10.182	.20107	.20021	.20436
142	AD613951/PB	.00800	.00003	.11805	.00054	-.00110	.00001
143	CCB	.02514	.00005	-.12579	-.00020	-.00488	.00245
144	CCB	.08321	.00024	.05769	.00051	-.00018	-.00011
145	CCB	.05529	.00016	.06882	.00006	-.00062	.00123
146	CCB	.06106	.00012	-.18930	.00029	-.00277	.00182
147	CCB	.03837	.00012	.08068	-.00042	-.00114	.00130
148	CCB	.00638	.00003	-.14099	-.00050	.00099	.00042
149	CCB	.00924	.00012	.05230	-.00012	.00009	-.00060
150	CCB	.02202	.00016	.03621	.00072	.00017	.00008
151	CCB	.02443	.00009	-.14013	.00013	.00294	.00003
152	CCB	.02321	.00014	-.00888	.00062	.00304	.00121
153	CCB	.00612	.00000	-.02804	.00032	-.00091	.00245
154	CCB	.00125	.00005	-.03894	.00057	.00108	-.00070
155	CCB	.00638	.00012	-.15785	-.00017	.00092	-.00064
156	CCB	.00598	.00011	-.18247	-.00002	-.00238	.00162
157	CCB	.01290	.00021	.15275	.00019	-.00040	-.00013
158	CCB	.00198	.00009	.10711	.00067	.00007	.00099
159	CCB	.01236	.00007	.15458	.00094	.00031	-.00083
160	CCB	.00965	.00017	-.02279	.00051	.00055	-.00117
161	CCB	.01586	.00021	.18123	.00100	-.00073	-.00069
162	CCB	.02569	.00022	.03257	.00045	.00011	.00063
163	CCV	25.369	.51092	24.940	.50483	.49795	.49953
164	CCV	25.032	.50505	25.029	.49773	.49199	.49195
165	CCV	25.367	.50305	24.796	.50552	.49921	.49725
166	CCV	25.200	.50131	24.738	.50433	.49640	.49233
167	CCV	25.046	.49962	24.389	.50104	.49504	.49434
168	CCV	24.991	.49925	24.540	.50309	.49539	.49890
169	CCV	24.945	.49727	24.446	.50187	.49358	.49692
170	CCV	25.688	.51606	25.278	.49782	.50307	.50529
171	CCV	25.352	.50862	24.692	.50130	.50409	.50367
172	CCV	25.189	.50528	24.656	.49855	.50270	.50275
173	CCV	25.283	.50595	24.572	.50322	.50384	.49967
174	CCV	24.834	.50029	24.549	.49060	.49482	.49309
175	CCV	25.107	.50286	24.604	.49686	.50214	.49717
176	CCV	24.800	.49655	24.224	.49300	.49400	.49159
177	CCV	24.885	.49805	24.559	.49214	.48661	.49016
178	CCV	24.985	.49865	24.733	.49332	.48826	.49174
179	CCV	25.111	.50111	24.773	.49494	.48773	.49096
180	CCV	25.012	.49929	24.766	.48947	.48988	.48875
181	CCV	25.491	.50881	25.078	.50355	.50061	.49894
182	CCV	25.111	.50184	24.827	.49412	.48977	.49544
183	CRI	.21157	.00309	1.0187	.01106	.00272	.00731
184	CRI	.21041	.00315	.94164	.01015	.00428	.00512
185	CRI	.21690	.00334	.92879	.01033	.00604	.00547
186	CRI	.21465	.00336	1.1168	.01062	.00515	.00496
187	CRI	.21714	.00344	1.1446	.01103	.00545	.00547
188	CRI	.20544	.00299	1.0520	.01069	.00449	.00566
189	CRI	.20857	.00297	1.0898	.01034	.00484	.00476
190	ICB	.01746	.00026	-.11562	.00082	-.00123	.00098
191	ICB	.01179	.00027	.03293	-.00006	.00219	-.00064

#	Sample Name	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
192	ICB	.01218	.00027	.15481	.00082	.00131	.00017
193	ICSA	488.28	-.00291	-.12076	.00012	.01108	-.00668
194	ICSA	480.02	-.00284	.07109	-.00024	.01204	-.00377
195	ICSA	494.00	-.00178	-.12481	.00089	.03262	-.01189
196	ICSA	490.82	-.00184	.05950	.00074	.02457	-.01185
197	ICSA	495.14	-.00173	-.01687	.00058	.02504	-.01267
198	ICSA	478.26	-.00179	-.00836	.00067	.02611	-.01297
199	ICSA	486.09	-.00167	.09216	.00098	.02447	-.01169
200	ICSAB	462.65	.48703	-.16917	.91508	.06577	.04144
201	ICSAB	460.00	.48569	.08981	.91269	.06281	.04273
202	ICSAB	467.12	.49176	-.09871	.93138	.08488	.03644
203	ICSAB	467.56	.49004	.08333	.92073	.07526	.03484
204	ICSAB	469.05	.49130	.15625	.92004	.07341	.03842
205	ICSAB	456.19	.47776	.15124	.89455	.07308	.03219
206	ICSAB	455.08	.47705	.03797	.89275	.07331	.03722
207	ICV	19.215	.38370	18.632	.38065	.37816	.37454
208	ICV	19.191	.38401	18.650	.37969	.37660	.38315
209	ICV	19.116	.38050	18.941	.37358	.37603	.37048
210	STD 1		.47057		.75506	.68111	3.58894
211	STD 1		.4705		.74641	.65051	3.59141
212	STD 1		.47133		.75313	.68094	3.64462
213	STD 2		2.32635		3.75695	3.17722	17.5076
214	STD 2		2.3566		3.77265	3.22244	18.0714
215	STD 2		2.3752		3.80892	3.2572	18.3747
216	STD 3	23.5308	4.6328	2.18545	7.41522	6.23359	34.7666
217	STD 3	23.9037	4.64939	2.17233	7.44102	6.32659	35.7822
218	STD 3	23.6923	4.63035	2.1661	7.44633	6.32926	35.6771
219	STD 3 VER	50.403	1.0016	50.790	.98913	.98527	.98769
220	STD 3 VER	50.807	1.0070	50.946	1.0093	1.0133	1.0083
221	STD 3 VER	50.366	.99446	50.820	.98518	.98099	.98991
222	STD BLK	.00456	.00089	.00268	-.01138	.03495	-.0403
223	STD BLK	.00379	.00099	.01001	-.00947	.01822	-.02457
224	STD BLK	.0049	.0009	.00381	-.01217	.02706	-.00283

#	Sample Name	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
1	A6276501/TOT	.00073	.01778	-.00183	.02216	.01560	.00325
2	A6297704/TOT	-.00340	.01131	L-.06531	.02076	.00658	.00055
3	A6297708/TOT	-.00104	.00612	-.00041	.01337	.00249	.00018
4	A6297711/TOT	-.00008	.00294	-.00475	.00978	-.00048	.00040
5	A6297715/TOT	-.00030	.00416	-.00531	.00795	.00226	.02635
6	AD612072	.00050	.00079	-.00391	-.00382	.00310	.00574
7	AD612824	-.00199	-.00058	L-.07101	-.00513	.00168	.00277
8	AD612828	-.00091	.00147	-.00429	-.00100	.00271	.00046
9	AD612833	.00001	-.00052	-.00295	-.00311	.00077	.00042
10	AD612837	.00279	-.00166	-.00279	-.00820	.00160	.04343
11	AD613101/(1:5)	.00329	.00363	-.00500	.00305	.00392	.07614
12	AD613101/L (1:25)	.00134	.00174	-.00324	.00163	.00180	.01578
13	AD613101/PS	.21414	.21460	.20511	.20739	.21821	.29290
14	AD613356/(1:5)	-.00008	-.00198	-.00263	-.00010	-.00293	.00031
15	AD613427/(1:5)	.00192	.00230	-.00102	.00050	.00319	.00143
16	AD613466/(1:5)	.00065	-.00258	-.00216	-.00653	-.00060	.00311
17	AD613782	.00099	.00184	.00173	-.00243	.00398	.00205

#	Sample Name	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
18	AD613783	.00056	.00245	-.00201	.00125	.00306	.00186
19	AD613784	.00106	.00157	.00250	-.00372	.00422	.01001
20	AD613784/L (1:5)	.00124	-.00076	.00255	-.00105	-.00061	.00231
21	AD613784/PS	.20233	.20926	.20539	.21177	.20801	.21852
22	AD613785/MS	.20394	.20997	.20687	.20246	.21372	.21124
23	AD613786/SD	.20239	.20869	.20419	.20823	.20892	.21007
24	AD613787	.00182	-.00242	.00323	.00077	-.00403	.11472
25	AD613788	.00123	.00070	.00168	-.00326	.00269	.00669
26	AD613789	.01786	.00190	.00199	.00162	.00203	.00153
27	AD613790	.00137	.00263	.00227	.00549	.00120	.00098
28	AD613791	.05074	.00185	.00039	.00350	.00102	.00231
29	AD613792	.00036	.00342	.00476	.00171	.00428	.00419
30	AD613793	.00104	.00136	.00385	.00041	.00184	.00204
31	AD613794	.00127	-.00528	-.00043	-.00520	-.00533	-.00013
32	AD613795	.00159	-.00322	.00128	-.00186	-.00390	.03086
33	AD613796	-.00034	.00853	.00271	.00956	.00802	.00316
34	AD613797	.00638	-.00399	.00211	.00059	-.00628	.01167
35	AD613798	.03260	.00183	-.00293	-.00216	.00383	.00588
36	AD613799	.01624	.00598	.00278	.01011	.00391	.03030
37	AD613800/FB	.20232	.19907	.19875	.19987	.19867	.19680
38	AD613801/PB	.00098	-.00450	.00006	-.00187	-.00581	-.00007
39	AD613802	.07852	.00224	-.00529	-.00406	.00540	2.2377
40	AD613803	.00829	.00875	-.00217	.00881	.00873	.48543
41	AD613804	.00087	.00270	-.00577	.00365	.00222	.04152
42	AD613805	-.00005	-.00021	-.00592	.00042	-.00052	.00039
43	AD613806	.00149	-.00174	-.00475	-.00475	-.00023	.00280
44	AD613806/L (1:5)	.00060	.00197	-.00374	-.00454	.00523	.00121
45	AD613806/PS	.20738	.21057	.20804	.21306	.20933	.21119
46	AD613807/MS	.20177	.19831	.20514	.20422	.19536	.20146
47	AD613808/SD	.20291	.19801	.20349	.20059	.19673	.20309
48	AD613809	.00143	.00244	-.00448	-.00239	.00486	.00069
49	AD613810	.00197	-.00021	-.00248	-.00342	.00138	.01260
50	AD613811	.00068	.00152	-.00160	.00022	.00218	.00259
51	AD613812	.00197	.00142	-.00526	-.00126	.00277	.00210
52	AD613813	-.00055	.00127	-.00133	-.00029	.00206	.00250
53	AD613814	.00257	.00033	-.00435	-.00557	.00328	.00052
54	AD613815	.00048	.00050	-.00366	.00045	.00052	.00118
55	AD613816	.00213	.00521	-.00599	.00091	.00736	.01145
56	AD613817	.00159	-.00056	-.00543	-.00308	.00069	.00095
57	AD613818	.00049	.00050	-.00429	-.00140	.00146	.00068
58	AD613819	.00351	.00115	-.00311	-.00033	.00189	.17945
59	AD613820/FB	.20251	.20002	.20037	.20548	.19729	.19947
60	AD613821/PB	.00069	.00091	-.00410	-.00331	.00302	.00029
61	AD613842	.00032	.00104	.00231	.00341	-.00014	.00010
62	AD613843	.00040	-.00118	.00220	-.00046	-.00153	.00508
63	AD613844	.00060	-.00269	.00208	-.00136	-.00335	.00019
64	AD613845	.00087	-.00387	-.00095	-.00297	-.00433	.00021
65	AD613846	.00099	-.00513	-.00276	-.00710	-.00415	.00027
66	AD613847	.00013	-.00130	.00051	.00130	-.00261	.00012
67	AD613848	.00026	-.00322	.00207	-.00483	-.00241	.00121
68	AD613849	.00079	-.00294	.00221	-.00712	-.00086	.02012
69	AD613850	.00013	-.00097	.00333	.00100	-.00197	.00917
70	AD613851	.00051	-.00414	-.00046	-.00556	-.00343	.00206
71	AD613852	.00000	-.00488	-.00042	-.00778	-.00343	-.00007

#	Sample Name	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
72	AD613853	.00332	-.00498	.00224	-.00131	-.00681	.10336
73	AD613854	.00259	-.00286	.00503	-.00341	-.00258	.02336
74	AD613855	.00067	-.00461	.00176	-.00051	-.00666	.00352
75	AD613856	.00059	-.00698	.00236	-.00820	-.00637	.01102
76	AD613856/L (1:5)	.00096	-.00233	.00165	.00118	-.00408	.00214
77	AD613856/PS	.21237	.21842	.22577	.22044	.21741	.22027
78	AD613857/MS	.20934	.20597	.21465	.20667	.20563	.21664
79	AD613858/SD	.20763	.20686	.21457	.20836	.20611	.21551
80	AD613859	.00406	-.00463	.00581	-.00123	-.00633	.01147
81	AD613860/FB	.18975	.18510	.18634	.18582	.18475	.18592
82	AD613861/PB	.00096	-.00588	.00076	-.00367	-.00699	-.00005
83	AD613882	.00050	.00155	-.00398	-.00569	.00517	.00085
84	AD613883	.00092	-.00157	-.00510	-.00414	-.00029	.00035
85	AD613884	-.00025	.00103	-.00464	.00071	.00119	.00069
86	AD613885	.00079	.00076	-.00277	-.00218	.00223	.00047
87	AD613886	.00103	-.00111	-.00265	-.00730	.00198	.00253
88	AD613886/L (1:5)	.00044	.00146	-.00613	-.00361	.00399	.00073
89	AD613886/PS	.20327	.21089	.21393	.21513	.20878	.20943
90	AD613887/MS	.20147	.20983	.21196	.21048	.20951	.20407
91	AD613888/SD	.20019	.21077	.20779	.21377	.20927	.20262
92	AD613889	.00051	.00464	-.00557	-.00332	.00863	.01833
93	AD613890	.00108	.00081	-.00327	-.00470	.00357	.00442
94	AD613891	.00037	.00120	-.00384	.00164	.00098	.00333
95	AD613892	.00135	.00237	-.00103	.00226	.00243	.01019
96	AD613893	.00450	.00348	-.00582	-.00215	.00630	.31865
97	AD613894	-.00056	.00071	-.00216	-.00581	.00398	.00427
98	AD613895	.00104	.00271	-.00531	.00135	.00339	.00721
99	AD613896	.00536	.00126	-.00126	.00148	.00115	.05624
100	AD613897	.00080	.00043	-.00323	.00106	.00011	.00037
101	AD613898	.00168	-.00298	.00138	-.00396	-.00249	-.00004
102	AD613899	.00106	-.00319	.00130	.00435	-.00697	-.00001
103	AD613900/FB	.19974	.20141	.20443	.20402	.20011	.19664
104	AD613901/PB	.00016	.00251	-.00457	-.00413	.00584	.00070
105	AD613922	.09871	.01562	.00435	.01297	.01694	.27861
106	AD613923	-.00041	-.00469	.00054	.00271	-.00840	.00000
107	AD613924	.04492	.00128	.00358	.00751	-.00183	.00341
108	AD613925	.00036	.00280	-.00131	.00929	-.00043	.00228
109	AD613925/L (1:5)	-.00090	-.00326	-.00300	-.00096	-.00441	.00054
110	AD613925/PS	.19655	.21166	.20593	.21095	.21202	.20249
111	AD613926/MD	-.00173	.00171	-.00177	.00937	-.00211	.00172
112	AD613927/MS	.02222	.05441	.10200	.06038	.05143	.00132
113	AD613928	.06724	.01286	.00312	.01251	.01303	.07530
114	AD613928/L (1:5)	.01305	.00590	.00004	.00600	.00586	.01534
115	AD613928/PS	.26266	.22740	.20529	.22737	.22741	.27052
116	AD613929/MD	.02912	.00947	.00213	.01479	.00682	.03885
117	AD613930/MS	.24173	.08882	.09417	.09439	.08604	.20744
118	AD613931	.36025	.03111	.00939	.02727	.03303	.78721
119	AD613932	-.00100	-.00128	.00169	.00469	-.00427	-.00002
120	AD613933	.00071	-.00078	-.00149	.00647	-.00441	.00111
121	AD613934	.00038	-.00060	.00162	.00776	-.00478	.00624
122	AD613935/FB	.20577	.21009	.20053	.21078	.20975	.20247
123	AD613936/PB	-.00178	.00080	-.00069	.00802	-.00280	.00011
124	AD613937	-.00062	.00164	-.00006	.00390	.00050	.00052
125	AD613938	-.00068	-.00346	-.00086	.00512	-.00776	.00002

Analysis Report Averages 03/29/06 07:10:32 AM page 21

#	Sample Name	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
126	AD613939	.00338	.00280	.00171	.00889	-.00024	.00014
127	AD613940	-.00094	.00348	-.00331	.00128	.00458	.00031
128	AD613940/L (1:5)	-.00078	-.00131	.00001	.00248	-.00321	.00011
129	AD613940/PS	.19362	.20855	.20380	.20980	.20794	.19851
130	AD613941/MD	-.00055	-.00161	.00198	.00240	-.00362	.00039
131	AD613942/MS	.02008	.05069	.09913	.05405	.04901	.00056
132	AD613943	.00022	.00564	-.00033	.00238	.00727	.00013
133	AD613943/L (1:5)	.00000	-.00011	.00008	.00165	-.00099	.00022
134	AD613943/PS	.19350	.20077	.19979	.19791	.20220	.19877
135	AD613944/MD	-.00080	.00246	-.00030	.00488	.00126	.00032
136	AD613945/MS	.02185	.05745	.10464	.05839	.05698	.00021
137	AD613946	-.00080	.00089	-.00098	.00434	-.00083	-.00006
138	AD613947	-.00106	.00088	-.00126	.00359	-.00046	.00003
139	AD613948	.00030	-.00153	.00179	.00448	-.00454	.00186
140	AD613949	-.00072	.00200	-.00149	.00782	-.00090	.00620
141	AD613950/FB	.20298	.20827	.19800	.21194	.20644	.19831
142	AD613951/PB	-.00035	-.00306	-.00154	.00226	-.00573	.00002
143	CCB	.00001	.00081	-.00499	-.00257	.00251	.00049
144	CCB	-.00013	.00082	-.00307	.00042	.00103	.00046
145	CCB	.00061	-.00065	-.00331	-.00038	-.00078	.00038
146	CCB	.00029	.00162	-.00358	-.00335	.00411	.00044
147	CCB	.00049	.00236	-.00202	-.00331	.00519	.00048
148	CCB	.00061	-.00042	-.00113	-.00107	-.00010	.00035
149	CCB	-.00036	-.00047	-.00262	-.00106	-.00017	.00016
150	CCB	.00011	-.00511	.00289	-.00293	-.00620	.00021
151	CCB	.00100	-.00685	.00027	-.00240	-.00908	-.00030
152	CCB	.00182	-.00512	.00234	-.00284	-.00626	.00001
153	CCB	.00133	-.00434	.00213	-.00422	-.00439	.00013
154	CCB	-.00010	-.00365	.00477	-.00157	-.00469	.00012
155	CCB	-.00011	-.00448	.00148	-.00212	-.00566	-.00018
156	CCB	.00029	-.00014	.00222	-.00495	.00225	.00000
157	CCB	-.00022	-.00090	.00167	.00279	-.00275	.00027
158	CCB	.00068	.00052	.00094	-.00057	.00107	.00012
159	CCB	-.00045	.00134	-.00230	.00398	.00002	.00016
160	CCB	-.00059	.00161	.00122	.00866	-.00190	.00016
161	CCB	-.00070	-.00296	-.00339	-.00219	-.00334	.00012
162	CCB	.00046	-.00184	.00003	-.00093	-.00229	.00015
163	CCV	.49900	.50461	.51007	.50546	.50419	.51598
164	CCV	.49196	.49620	.50505	.49936	.49462	.51362
165	CCV	.49790	.50295	.51560	.51460	.49713	.51055
166	CCV	.49369	.49819	.51258	.50831	.49313	.51003
167	CCV	.49457	.50110	.51301	.50157	.50087	.50892
168	CCV	.49773	.50075	.51112	.50992	.49618	.50923
169	CCV	.49581	.50051	.50772	.50643	.49755	.50748
170	CCV	.50455	.49827	.48826	.48682	.50400	.51417
171	CCV	.50381	.51323	.50287	.50260	.51856	.50979
172	CCV	.50273	.50868	.50283	.51142	.50731	.50755
173	CCV	.50106	.51338	.50788	.51837	.51089	.51055
174	CCV	.49366	.49321	.49748	.49418	.49274	.50398
175	CCV	.49882	.50884	.50639	.50684	.50984	.50767
176	CCV	.49240	.50215	.50457	.50007	.50320	.50195
177	CCV	.48898	.49056	.48833	.48000	.49584	.50277
178	CCV	.49058	.49267	.49778	.48949	.49427	.50461
179	CCV	.48989	.49618	.49724	.49487	.49683	.50651

#	Sample Name	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
180	CCV	.48913	.49016	.48869	.48432	.49309	.50193
181	CCV	.49950	.50469	.50229	.50353	.50528	.51375
182	CCV	.49355	.49268	.49322	.48100	.49852	.50728
183	CRI	.00578	.01768	.01784	.01252	.02027	.00554
184	CRI	.00484	.01420	.01846	.01002	.01629	.00544
185	CRI	.00566	.01217	.02149	.01107	.01272	.00528
186	CRI	.00502	.01171	.01870	.01189	.01163	.00545
187	CRI	.00547	.01036	.01823	.01215	.00946	.00567
188	CRI	.00527	.01736	.01972	.01731	.01739	.00533
189	CRI	.00479	.01321	.01763	.01525	.01220	.00521
190	ICB	.00024	.00115	-.00017	.00069	.00138	.00061
191	ICB	.00029	-.00070	.00450	.00443	-.00327	.00018
192	ICB	.00055	.00142	.00170	.00362	.00033	.00042
193	ICSA	-.00076	.00402	-.00312	-.00301	.00754	.00142
194	ICSA	.00149	.00839	-.00369	-.00186	.01352	.00135
195	ICSA	.00292	.00744	-.00107	.00413	.00909	.00108
196	ICSA	.00028	.00698	.00071	.00330	.00883	.00125
197	ICSA	-.00011	.00531	.00305	.00769	.00412	.00120
198	ICSA	.00004	.00295	.00039	.00525	.00180	.00084
199	ICSA	.00035	.00613	-.00213	.00476	.00681	.00127
200	ICSAB	.04954	.05595	.63316	.04869	.05958	.00147
201	ICSAB	.04941	.05003	.63304	.04891	.05059	.00150
202	ICSAB	.05257	.04657	.63781	.03705	.05133	.00119
203	ICSAB	.04830	.05330	.62541	.04800	.05595	.00150
204	ICSAB	.05007	.05291	.61892	.05167	.05354	.00131
205	ICSAB	.04580	.05099	.60017	.04357	.05470	.00133
206	ICSAB	.04924	.05348	.60368	.05754	.05145	.00133
207	ICV	.37574	.38140	.38351	.38775	.37823	.38655
208	ICV	.38097	.37872	.37975	.37221	.38197	.38591
209	ICV	.37233	.37443	.37317	.37373	.37478	.38411
210	STD 1			.22478	.37241	.61669	1.33278
211	STD 1			.20382	.34047	.59155	1.32343
212	STD 1			.21295	.35119	.59753	1.32434
213	STD 2			1.11457	2.1169	2.77236	6.65465
214	STD 2			1.05769	2.03216	2.78405	6.70834
215	STD 2			1.082	2.07601	2.83182	6.76582
216	STD 3			2.23928	4.32981	5.55747	13.2728
217	STD 3			2.13963	4.10712	5.5305	13.2651
218	STD 3			2.16681	4.16287	5.58986	13.2559
219	STD 3 VER	.98688	.99797	1.0252	1.0050	.99446	1.0004
220	STD 3 VER	1.0100	1.0335	1.0365	1.0244	1.0381	1.0092
221	STD 3 VER	.98694	1.0061	1.0025	.98799	1.0152	.99603
222	STD BLK			.01074	-.05794	.04361	-.01791
223	STD BLK			-.00396	-.05787	.07429	-.01137
224	STD BLK			-.00009	-.07403	.06638	-.01326

#	Sample Name	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
1	A6276501/TOT	-.00106	.00046	.01524	-.00322	.00062	.02297
2	A6297704/TOT	.00220	L-.00564	.00236	L-.01841	-.00243	6.4932
3	A6297708/TOT	.00043	.00001	.00121	L-.01011	.00073	.02475
4	A6297711/TOT	.00257	.00026	.00143	-.00210	.00099	.00091
5	A6297715/TOT	.00094	.00149	.00252	-.00005	.00140	.00010

#	Sample Name	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
6	AD612072	.00585	.00032	.01645	-.00069	.00063	.02626
7	AD612824	.00279	L-.00592	.00365	L-.01796	-.00331	6.8512
8	AD612828	.00135	-.00018	.00216	-.00824	.00083	.05463
9	AD612833	-.00090	.00016	.00185	-.00222	.00058	.00244
10	AD612837	.00334	.00330	.00848	-.00005	.00070	.00185
11	AD613101/(1:5)	-.00103	.02332	3.0398	.01902	.00108	.00226
12	AD613101/L (1:25)	-.00118	.00475	.61695	.00337	.00090	.00038
13	AD613101/PS	.20546	.23854	3.4231	.23447	.05461	.21274
14	AD613356/(1:5)	-.00009	.00002	.00663	.00116	.00015	-.00101
15	AD613427/(1:5)	.00101	.00091	.01190	.00062	.00030	.00061
16	AD613466/(1:5)	.00151	.00205	.13058	.00137	.00078	.00171
17	AD613782	.00094	.00234	.00258	.00080	.00035	.00114
18	AD613783	.00141	.00211	.00279	-.00162	-.00001	.00081
19	AD613784	.00383	.00177	.00313	-.00109	.00030	.00101
20	AD613784/L (1:5)	-.00211	.00049	.00047	-.00030	.00000	.00062
21	AD613784/PS	.20966	.20479	.19375	.20665	.05216	.20275
22	AD613785/MS	.20310	.20118	.20065	.20338	.04972	.19921
23	AD613786/SD	.20668	.20183	.19976	.20154	.05030	.19873
24	AD613787	.00240	.00642	.00887	.00070	.00026	.00249
25	AD613788	.00166	.00099	.00384	.00071	.00036	.00094
26	AD613789	-.00149	.00048	.00287	-.00022	.00037	.00111
27	AD613790	.00251	.00006	.00331	-.00036	.00034	.00094
28	AD613791	.00070	.00056	.00568	-.00097	.00022	.00209
29	AD613792	.00082	.00080	.00482	-.00116	.00039	.00297
30	AD613793	-.00289	.00069	.00307	.00162	.00017	-.00037
31	AD613794	.00193	.00044	.00130	.00115	.00042	.00040
32	AD613795	.00136	.00362	.02286	-.00089	.00017	.00191
33	AD613796	-.00144	.00091	.01574	.00102	.00048	.07069
34	AD613797	-.00056	.00351	.45106	-.00273	.00022	.16910
35	AD613798	-.00039	.00188	4.3701	.00096	.00005	.15781
36	AD613799	.00035	.00302	9.2891	-.00033	-.00016	.12931
37	AD613800/FB	.20453	.19649	.20271	.19998	.04965	.19646
38	AD613801/PB	-.00099	.00062	.00136	-.00112	-.00008	.00042
39	AD613802	.00216	.35790	.32511	.00395	.00157	.01763
40	AD613803	.00029	.04391	.05622	-.00277	.00134	.00874
41	AD613804	.00060	.01154	.01532	-.00141	.00238	.00640
42	AD613805	.00356	.00026	.00092	-.00156	.00107	.00064
43	AD613806	-.00038	.00062	.00635	.00115	.00092	-.00130
44	AD613806/L (1:5)	-.00042	.00007	.00119	.00201	.00081	-.00004
45	AD613806/PS	.21749	.20783	.20478	.21154	.05188	.20531
46	AD613807/MS	.20472	.19743	.20348	.20397	.05078	.19461
47	AD613808/SD	.20751	.19901	.20645	.20672	.05062	.19652
48	AD613809	-.00029	.00035	.00447	.00047	.00092	.00018
49	AD613810	.00317	.00117	.00444	-.00055	.00115	.00032
50	AD613811	.00246	.00044	.01178	-.00138	.00099	.01921
51	AD613812	-.00082	.00035	.00439	.00007	.00121	.02213
52	AD613813	-.00177	.00044	.86690	-.00071	.00115	.00283
53	AD613814	-.00116	.00111	.06155	-.00111	.00093	-.00014
54	AD613815	.00167	-.00004	.11141	-.00555	.00145	-.00015
55	AD613816	-.00010	.00043	.26198	-.00085	.00173	.00118
56	AD613817	.00176	.00074	.04815	.00057	.00127	.00494
57	AD613818	.00068	.00026	.04909	-.00165	.00087	.00536
58	AD613819	.00150	.00995	.02461	-.00100	.00123	.00039
59	AD613820/FB	.20811	.19700	.19955	.20049	.05029	.19319

#	Sample Name	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
60	AD613821/PB	-.00110	.00035	.00124	.00006	.00091	.00146
61	AD613842	-.00167	.00050	.00205	-.00136	-.00056	.01594
62	AD613843	.00212	.00080	.00556	-.00187	-.00016	.00253
63	AD613844	-.00244	.00022	.00174	.00028	.00003	.02108
64	AD613845	-.00072	.00070	.00114	-.00213	.00013	.00105
65	AD613846	.00085	.00050	.00175	-.00212	-.00037	.02123
66	AD613847	.00117	.00031	.00162	-.00237	-.00028	.01469
67	AD613848	.00149	.00080	.00147	-.00073	-.00011	.00072
68	AD613849	.00060	.00190	.01586	-.00045	-.00007	.00115
69	AD613850	.00054	.00107	.00985	-.00612	-.00022	.00222
70	AD613851	-.00135	.00101	.00508	-.00109	.00023	.00078
71	AD613852	-.00125	.00035	.00297	-.00163	-.00007	.02730
72	AD613853	-.00021	.00794	.03244	-.00020	.00016	.00185
73	AD613854	.00213	.00202	.01757	-.00104	.00010	.00210
74	AD613855	.00119	.00071	.00228	.00092	-.00058	.00163
75	AD613856	-.00162	.00268	.01600	-.00398	-.00065	.00525
76	AD613856/L (1:5)	-.00174	.00089	.00308	.00028	-.00049	-.00002
77	AD613856/PS	.21817	.21363	.22309	.21505	.05337	.21735
78	AD613857/MS	.20650	.20655	.22255	.20380	.05173	.21031
79	AD613858/SD	.20764	.20718	.21958	.20952	.05166	.20884
80	AD613859	-.00212	.00207	.07363	-.00285	-.00002	.00913
81	AD613860/FB	.18513	.18517	.18881	.19026	.04672	.18569
82	AD613861/PB	-.00117	.00053	.00121	-.00038	.00001	.00000
83	AD613882	.00205	.00011	.00104	.00105	.00127	.02163
84	AD613883	.00151	.00019	.00203	-.00151	.00119	.01378
85	AD613884	-.00001	.00004	.00075	-.00154	.00164	.00358
86	AD613885	.00375	.00031	.00156	-.00108	.00150	.00255
87	AD613886	-.00099	.00129	.00379	-.00104	.00118	.00093
88	AD613886/L (1:5)	.00353	.00048	.00113	.00084	.00109	.00005
89	AD613886/PS	.21752	.20806	.19391	.20816	.05256	.20402
90	AD613887/MS	.20873	.20111	.19728	.20113	.05160	.19628
91	AD613888/SD	.21050	.20077	.19642	.20218	.05249	.19819
92	AD613889	.00265	.00173	.00395	.00095	.00099	.00079
93	AD613890	.00286	.00069	.00331	.00037	.00157	.00159
94	AD613891	.00228	.00013	.00369	-.00222	.00096	.00360
95	AD613892	.00147	.00042	.00243	-.00058	.00068	-.00024
96	AD613893	.00031	.01879	.02188	.00016	.00112	.00156
97	AD613894	.00390	.00062	.00910	.00004	.00094	.00048
98	AD613895	.00239	.00061	.00888	-.00181	.00084	-.00120
99	AD613896	.00279	.00678	.02181	-.00009	.00149	.00135
100	AD613897	.00200	.00063	.02470	-.00023	.00146	.00450
101	AD613898	.00173	.00089	.02372	-.00200	-.00036	.00061
102	AD613899	-.00171	.00125	.01425	-.00289	.00003	.00603
103	AD613900/FB	.20615	.19268	.19515	.19814	.04971	.18874
104	AD613901/PB	.00285	-.00010	.00077	-.00074	.00115	-.00011
105	AD613922	.00314	.06851	1.9715	.00261	.00120	.00372
106	AD613923	.00289	-.00027	.00168	-.00062	.00026	-.00091
107	AD613924	.00245	.00142	.87047	-.00171	.00051	.00124
108	AD613925	.00250	.00253	.00190	.00115	.00025	.00350
109	AD613925/L (1:5)	.00273	-.00013	.00036	.00017	.00011	.00158
110	AD613925/PS	.20081	.20281	.19015	.20439	.05297	.20500
111	AD613926/MD	-.00032	.00270	.00179	-.00022	-.00008	.00394
112	AD613927/MS	.04764	.51230	.49331	.00117	.05133	.00189
113	AD613928	.00030	.01288	1.5152	.00184	.00023	.00070

#	Sample Name	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
114	AD613928/L (1:5)	.00177	.00229	.31750	.00197	-.00008	.00000
115	AD613928/PS	.19811	.21202	1.6565	.20545	.05220	.20327
116	AD613929/MD	.00127	.00594	.72726	.00017	.00030	.00085
117	AD613930/MS	.04599	.52692	5.5313	.01146	.04864	.00244
118	AD613931	.00302	.27224	5.9860	.01828	.00264	.00636
119	AD613932	.00182	-.00054	.00193	-.00012	-.00014	-.00004
120	AD613933	-.00009	-.00064	.00561	-.00112	.00039	.00184
121	AD613934	.00189	.00133	.00696	.00075	.00039	.00020
122	AD613935/FB	.20137	.20057	.20723	.20476	.05252	.20220
123	AD613936/PB	.00231	-.00018	.00107	.00098	.00018	.00081
124	AD613937	.00372	-.00046	1.3874	.00010	.00058	.00019
125	AD613938	.00021	-.00054	.00110	-.00087	.00043	.00010
126	AD613939	.00103	-.00004	.82970	-.00261	.00068	.00196
127	AD613940	-.00174	-.00005	.00217	.00155	.00042	.00165
128	AD613940/L (1:5)	.00200	-.00024	.00019	.00015	.00014	.00094
129	AD613940/PS	.19692	.19818	.18522	.20082	.05223	.20217
130	AD613941/MD	.00079	-.00012	.00301	.00093	.00062	.00163
131	AD613942/MS	.04965	.48246	.46317	-.00031	.04795	.00041
132	AD613943	-.00128	-.00057	.01318	-.00088	.00014	.00153
133	AD613943/L (1:5)	.00235	-.00036	.00236	.00025	-.00001	.00045
134	AD613943/PS	.19688	.19840	.19820	.19817	.05107	.20169
135	AD613944/MD	.00236	-.00036	.02104	-.00139	.00036	.00201
136	AD613945/MS	.05168	.50960	.51252	-.00113	.05020	.00190
137	AD613946	-.00090	-.00054	.03441	.00075	.00031	.00026
138	AD613947	.00188	-.00018	.00143	.00234	.00062	-.00042
139	AD613948	.00164	-.00028	.02639	.00011	.00023	.00224
140	AD613949	.00318	.00167	.00588	.00147	.00068	.00153
141	AD613950/FB	.19928	.19694	.20446	.20416	.05218	.19681
142	AD613951/PB	.00124	-.00063	.00076	.00010	.00040	.00157
143	CCB	.00378	.00026	.00006	-.00077	.00078	-.00080
144	CCB	.00008	.00017	.00021	-.00038	.00094	.00051
145	CCB	.00085	.00045	.00015	-.00031	.00107	.00171
146	CCB	.00046	.00054	.00078	-.00018	.00139	.00069
147	CCB	.00220	.00007	.00015	-.00031	.00135	.00187
148	CCB	.00223	.00026	.00015	.00049	.00096	.00116
149	CCB	.00515	.00026	.00000	.00076	.00138	.00207
150	CCB	.00018	.00054	-.00020	-.00085	-.00047	.00136
151	CCB	-.00166	.00062	-.00007	-.00049	-.00005	.00062
152	CCB	-.00083	.00062	-.00043	-.00137	-.00021	.00063
153	CCB	-.00051	.00063	.00016	.00017	.00015	.00095
154	CCB	.00083	.00044	-.00029	.00064	-.00022	.00169
155	CCB	.00228	.00053	.00013	.00122	-.00005	-.00061
156	CCB	-.00082	.00044	.00000	.00144	.00048	.00141
157	CCB	.00249	-.00026	.00022	.00215	.00036	.00140
158	CCB	.00140	-.00054	.00063	.00161	.00017	.00056
159	CCB	.00132	-.00054	.00065	.00000	.00021	.00135
160	CCB	.00311	-.00035	.00036	.00177	-.00033	.00015
161	CCB	-.00191	-.00035	.00043	.00050	.00045	.00166
162	CCB	.00130	-.00063	.00098	.00206	-.00052	.00106
163	CCV	.50845	.50318	.49289	.52565	.50102	.50106
164	CCV	.50243	.49928	.47820	.51774	.50177	.49254
165	CCV	.51960	.49798	.48806	.52090	.49292	.48968
166	CCV	.52003	.49758	.48301	.51486	.49362	.49060
167	CCV	.52336	.49303	.48117	.51683	.48821	.48375

#	Sample Name	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
168	CCV	.52250	.49549	.48051	.51265	.49114	.48897
169	CCV	.51833	.49526	.47920	.50890	.48948	.48488
170	CCV	.48301	.50301	.50693	.53828	.51066	.51773
171	CCV	.50944	.49971	.49556	.52551	.49510	.50109
172	CCV	.50823	.49716	.49118	.52266	.49115	.49661
173	CCV	.51703	.49946	.49095	.52318	.49303	.49487
174	CCV	.50362	.49407	.48058	.51442	.49282	.49066
175	CCV	.51855	.49651	.48647	.51801	.49046	.49422
176	CCV	.51234	.49183	.48178	.51324	.48445	.48742
177	CCV	.49007	.49130	.48190	.51016	.48974	.48852
178	CCV	.50000	.49293	.48393	.50859	.48975	.49030
179	CCV	.49563	.49443	.48625	.51251	.49325	.49296
180	CCV	.48327	.49048	.48312	.51065	.49219	.49399
181	CCV	.50705	.50181	.49603	.52210	.49936	.50111
182	CCV	.48839	.49503	.48902	.51221	.49494	.49807
183	CRI	.02068	.00545	.02014	.00879	.00317	.00888
184	CRI	.01924	.00513	.02014	.00584	.00353	.01001
185	CRI	.02366	.00563	.02025	.00741	.00284	.01108
186	CRI	.01953	.00457	.02009	.00886	.00373	.00975
187	CRI	.02231	.00472	.01979	.00913	.00350	.01022
188	CRI	.01989	.00440	.01960	.00981	.00304	.00866
189	CRI	.02209	.00457	.01970	.00927	.00301	.00959
190	ICB	.00362	.00044	.00020	.00089	.00069	.00000
191	ICB	.00235	.00081	-.00006	-.00009	-.00004	.00289
192	ICB	.00270	-.00017	-.00021	.00231	.00036	.00118
193	ICSA	.00100	-.00039	.00019	.00170	.00054	.00260
194	ICSA	.00067	.00005	.00009	.00139	.00108	-.00017
195	ICSA	.00058	-.00043	.00238	.00234	.00039	.00041
196	ICSA	-.00077	-.00106	.00171	.00194	.00079	.00001
197	ICSA	.00067	-.00109	.00212	-.00079	.00055	.00118
198	ICSA	.00523	-.00117	.00260	.00338	.00083	.00147
199	ICSA	-.00134	-.00143	.00343	.00110	.00078	.00113
200	ICSAB	.10039	.49793	.92189	.00013	.21666	-.00108
201	ICSAB	.10239	.49759	.90736	.00132	.21829	-.00033
202	ICSAB	.10391	.50251	.94231	.00228	.21670	.00116
203	ICSAB	.10585	.50209	.92906	.00137	.21707	.00166
204	ICSAB	.10214	.50234	.93328	.00369	.21879	.00192
205	ICSAB	.09867	.48890	.91047	.00189	.21237	.00130
206	ICSAB	.09881	.48672	.90943	.00106	.21170	.00033
207	ICV	.38546	.37819	.37313	Q.39653	.37556	.37645
208	ICV	.38464	.37864	.37637	Q.39931	.37583	.38158
209	ICV	.37709	.37583	.36610	.38910	.37569	.37437
210	STD 1	.42857	.09993	.12049	.07003	.58109	.35613
211	STD 1	.37012	.10012	.12531	.07141	.58192	.36648
212	STD 1	.39551	.10105	.12583	.07291	.57708	.36548
213	STD 2	2.17459	.49905	.58516	.34084	3.08551	1.74682
214	STD 2	2.04084	.50498	.62815	.36229	3.1415	1.85271
215	STD 2	2.09536	.5089	.6332	.36591	3.15001	1.85674
216	STD 3	4.34331	.99482	1.1457	.67683	6.26089	3.46914
217	STD 3	4.08602	1.00017	1.22817	.71514	6.26426	3.64073
218	STD 3	4.19859	.99921	1.21047	.70611	6.21657	3.60662
219	STD 3 VER	.99150	1.0034	.98220	1.0011	1.0116	.99959
220	STD 3 VER	1.0474	1.0100	1.0045	1.0162	1.0053	1.0108
221	STD 3 VER	.99339	.99969	.97950	.98781	1.0016	.99798

#	Sample Name	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
222	STD BLK	-.02973	-.00026	.00053	.0017	-.04748	.0034
223	STD BLK	-.01931	-.00045	.00081	.00108	-.05343	.00224
224	STD BLK	-.02143	.00063	.00081	.00027	-.05404	.00245

Standardization Rpt. 03/28/06 07:11:17 PM page 1

Method: TRACE1 Standard: STD BLK
Run Time: 03/28/06 19:06:24

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	.07726	-.01744	.02762	.00018	.12131	.03746	.00397
SDev	.00191	.01956	.00209	.00000	.00097	.00058	.00281
%RSD	2.4776	112.17	7.5588	.16466	.79600	1.5392	70.834
#1	.07862	-.03127	.02910	.00018	.12199	.03705	.00596
#2	.07591	-.00361	.02614	.00018	.12063	.03786	.00198

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	-.00867	.00036	.00559	-.00117	-.31613	.00379	.00099
SDev	.00180	.00204	.00127	.00013	.05005	.00052	.00013
%RSD	20.785	568.17	22.649	10.715	15.831	13.632	13.020
#1	-.00994	-.00108	.00470	-.00108	-.35151	.00416	.00108
#2	-.00739	.00180	.00649	-.00126	-.28074	.00343	.00090

Elem	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1	1960/2
Avge	.01002	-.00948	.01822	-.02458	-.00397	-.05787	.07429
SDev	.00139	.00062	.01069	.07897	.00357	.01962	.00944
%RSD	13.852	6.5701	58.673	321.34	89.897	33.911	12.707
#1	.00904	-.00904	.01066	.03127	-.00145	-.07175	.08097
#2	.01100	-.00992	.02578	-.08042	-.00649	-.04399	.06762

Elem	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Avge	-.01137	-.01931	-.00045	.00081	.00108	-.05343	.00225
SDev	.00049	.00431	.00013	.00013	.00077	.00272	.00804
%RSD	4.3251	22.308	28.442	15.551	70.834	5.0911	357.27
#1	-.01102	-.01627	-.00054	.00072	.00163	-.05151	-.00343
#2	-.01172	-.02236	-.00036	.00090	.00054	-.05535	.00793

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5540	--	--	--	--	--	--
SDev	9.121609	--	--	--	--	--	--
%RSD	.1646604	--	--	--	--	--	--
#1	5533	--	--	--	--	--	--
#2	5546	--	--	--	--	--	--

Standardization Rpt. 03/28/06 07:15:47 PM page 1

Method: TRACE1 Standard: STD 1
Run Time: 03/28/06 19:11:21

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	4.4989	1.2459	.46577	.82124	1.7876	2.2187	.99464
SDev	.0039	.0069	.00186	.00090	.0032	.0060	.00231
%RSD	.08733	.55640	.40000	.10911	.17890	.26858	.23227
#1	4.5016	1.2508	.46445	.82061	1.7899	2.2229	.99627
#2	4.4961	1.2410	.46709	.82188	1.7854	2.2145	.99300

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Ni2316	2203/1	2203/2
Avge	.81098	.46041	.84654	.47050	.74642	.65052	3.5914
SDev	.00362	.00125	.00280	.00039	.00151	.01103	.0717
%RSD	.44669	.27066	.33105	.08372	.20180	1.6952	1.9972
#1	.81354	.46129	.84852	.47078	.74748	.64272	3.6421
#2	.80842	.45953	.84456	.47022	.74535	.65831	3.5407

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Avge	.20383	.34048	.59156	1.3234	.37012	.10012	.12531
SDev	.00799	.02467	.03025	.0028	.00578	.00001	.00067
%RSD	3.9221	7.2459	5.1132	.21493	1.5606	.01362	.53598
#1	.19817	.32303	.61295	1.3254	.37421	.10011	.12579
#2	.20948	.35792	.57017	1.3214	.36604	.10013	.12484

Elem	Sn1899	Ag3280	Mo2020
Avge	.07142	.58192	.36649
SDev	.00216	.00124	.00067
%RSD	3.0248	.21284	.18151
#1	.07294	.58280	.36602
#2	.06989	.58105	.36696

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5398	--	--	--	--	--	--
SDev	34.57745	--	--	--	--	--	--
%RSD	.6405011	--	--	--	--	--	--
#1	5374	--	--	--	--	--	--
#2	5423	--	--	--	--	--	--

Standardization Rpt. 03/28/06 07:20:17 PM page 1

Method: TRACE1 Standard: STD 2
Run Time: 03/28/06 19:15:51

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	22.393	6.4466	2.1175	4.1024	8.5041	11.168	5.0216
SDev	.049	.0463	.0108	.0079	.0193	.058	.0085
%RSD	.21722	.71825	.51086	.19186	.22721	.52336	.16926
#1	22.359	6.4139	2.1098	4.0968	8.4905	11.127	5.0156
#2	22.428	6.4794	2.1251	4.1080	8.5178	11.209	5.0276

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Ni2316	2203/1	2203/2
Avge	4.0697	2.2771	4.2456	2.3566	3.7727	3.2224	18.071
SDev	.0043	.0041	.0083	.0060	.0176	.0034	.031
%RSD	.10645	.18154	.19598	.25537	.46783	.10632	.17410
#1	4.0667	2.2741	4.2397	2.3523	3.7602	3.2249	18.049
#2	4.0728	2.2800	4.2515	2.3609	3.7851	3.2200	18.094

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Avge	1.0577	2.0322	2.7841	6.7083	2.0408	.50499	.62815
SDev	.0041	.0163	.0033	.0181	.0020	.00079	.00309
%RSD	.38502	.80214	.11984	.26979	.09600	.15682	.49248
#1	1.0606	2.0206	2.7864	6.6955	2.0395	.50443	.62597
#2	1.0548	2.0437	2.7817	6.7211	2.0422	.50555	.63034

Elem	Sn1899	Ag3280	Mo2020
Avge	.36229	3.1415	1.8527
SDev	.00370	.0013	.0050
%RSD	1.0201	.04053	.26802
#1	.35968	3.1406	1.8492
#2	.36490	3.1424	1.8562

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5480	--	--	--	--	--	--
SDev	12.40959	--	--	--	--	--	--
%RSD	.2264389	--	--	--	--	--	--
#1	5472	--	--	--	--	--	--
#2	5489	--	--	--	--	--	--

Standardization Rpt. 03/28/06 07:25:15 PM page 1

Method: TRACE1 Standard: STD 3
Run Time: 03/28/06 19:20:21

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	44.425	12.864	4.1615	8.0913	16.585	47.658	22.294
SDev	.030	.012	.0055	.0020	.010	.016	.049
%RSD	.06680	.09648	.13190	.02479	.06091	.03445	.21789
#1	44.446	12.856	4.1576	8.0899	16.592	47.669	22.260
#2	44.404	12.873	4.1654	8.0928	16.578	47.646	22.328

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	9.8777	8.0212	4.4816	8.3815	135.42	23.904	4.6494
SDev	.0095	.0099	.0022	.0084	.07	.025	.0015
%RSD	.09574	.12374	.04935	.10039	.05512	.10364	.03182
#1	9.8844	8.0282	4.4832	8.3875	135.47	23.921	4.6504
#2	9.8710	8.0142	4.4800	8.3756	135.36	23.886	4.6484

Elem	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1	1960/2
Avge	2.1723	7.4410	6.3266	35.782	2.1396	4.1071	5.5305
SDev	.0122	.0075	.0051	.054	.0059	.0045	.0297
%RSD	.56211	.10106	.08027	.14970	.27782	.10992	.53704
#1	2.1810	7.4463	6.3230	35.820	2.1354	4.1039	5.5515
#2	2.1637	7.4357	6.3302	35.744	2.1438	4.1103	5.5095

Elem	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Avge	13.265	4.0860	1.0002	1.2282	.71514	6.2643	3.6407
SDev	.001	.0116	.0004	.0031	.00163	.0102	.0095
%RSD	.00990	.28448	.04485	.25345	.22846	.16294	.25961
#1	13.266	4.0778	1.0005	1.2304	.71399	6.2715	3.6474
#2	13.264	4.0942	.99986	1.2260	.71630	6.2570	3.6340

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5524	--	--	--	--	--	--
SDev	18.03122	--	--	--	--	--	--
%RSD	.3264131	--	--	--	--	--	--
#1	5511	--	--	--	--	--	--
#2	5537	--	--	--	--	--	--

Standardization Report 03/28/06 07:25:15 PM page 1

Method: TRACE1 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	1.12671	-.086895	03/28/06 07:20:21
As1890	189.042	Multiple	Standards	.078043	.001373	03/28/06 07:20:21
B_2496	249.678	Multiple	Standards	.239158	-.006637	03/28/06 07:20:21
Ba4934	493.409	Multiple	Standards	.122482	-.000027	03/28/06 07:20:21
Be3130	313.042	Multiple	Standards	.060180	-.007303	03/28/06 07:20:21
Ca3179	317.933	STD 3	STD BLK	.912324	-.003443	03/28/06 07:20:21
Cd2265	226.502	Multiple	Standards	.045105	-.000175	03/28/06 07:20:21
Co2286	228.616	Multiple	Standards	.100237	.000864	03/28/06 07:20:21
Cr2677	267.716	Multiple	Standards	.123706	-.000047	03/28/06 07:20:21
Cu3247	324.753	Multiple	Standards	.220640	-.001240	03/28/06 07:20:21
Fe2714	271.441	Multiple	Standards	5.92798	.006792	03/28/06 07:20:21
K_7664	766.491	STD 3	STD BLK	.991717	.103174	03/28/06 07:20:21
Mg2790	279.078	STD 3	STD BLK	.911733	.000021	03/28/06 07:20:21
Mn2576	257.610	Multiple	Standards	.213176	-.000214	03/28/06 07:20:21
Na3302	330.232	STD 3	STD BLK	.997614	-.005386	03/28/06 07:20:21
Ni2316	231.604	Multiple	Standards	.132732	.001253	03/28/06 07:20:21
2203/1	220.351	Multiple	Standards	.161447	-.002940	03/28/06 07:20:21
2203/2	220.352	Multiple	Standards	.027428	.000671	03/28/06 07:20:21
PB2203	220.353	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
SE1960	196.026	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Sb2068	206.838	Multiple	Standards	.479398	.001918	03/28/06 07:20:21
1960/1	196.021	Multiple	Standards	.243643	.014126	03/28/06 07:20:21
1960/2	196.022	Multiple	Standards	.183932	-.013637	03/28/06 07:20:21
Ti3372	337.280	Multiple	Standards	.074880	.000851	03/28/06 07:20:21
Tl1908	190.864	Multiple	Standards	.245979	.004780	03/28/06 07:20:21
V_2924	292.402	Multiple	Standards	.996105	.000449	03/28/06 07:20:21
Zn2062	206.200	Multiple	Standards	.802879	-.000655	03/28/06 07:20:21
Sn1899	189.989	Multiple	Standards	1.39737	-.001503	03/28/06 07:20:21
Ag3280	328.068	Multiple	Standards	.157382	.008409	03/28/06 07:20:21
Mo2020	202.030	Multiple	Standards	.273031	-.000611	03/28/06 07:20:21

Standardization Readback Report 03/28/06 07:25:15 PM page 1

Method: TRACE1

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	STD BLK	.000000	.000158	-.000158
		STD 1	5.00000	4.98201	.017994
		STD 2	25.0000	25.1439	-.143867
		STD 3	50.0000	49.9667	.033287

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	STD BLK	.000000	.000012	-.000012
		STD 1	.100000	.098608	.001392
		STD 2	.500000	.504488	-.004488
		STD 3	1.00000	1.00535	-.005345

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	STD BLK	.000000	-.000031	.000031
		STD 1	.100000	.104756	-.004756
		STD 2	.500000	.499773	.000227
		STD 3	1.00000	.988623	.011377

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	STD BLK	.000000	-.000005	.000005
		STD 1	.100000	.100560	-.000560
		STD 2	.500000	.502441	-.002441
		STD 3	1.00000	.991015	.008985

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.100278	-.000278
		STD 2	.500000	.504479	-.004479
		STD 3	1.00000	.990786	.009214

CorCoef: 0.99995

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Ca3179	317.933	STD BLK	.030729	.037457	-.006727
		STD 3	43.4757	47.6575	-4.18188

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	STD BLK	.000000	.000004	-.000004
		STD 1	.100000	.099900	.000100
		STD 2	.500000	.503568	-.003568
		STD 3	1.00000	1.00541	-.005406

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	STD BLK	.000000	-.000004	.000004
		STD 1	.100000	.100564	-.000564
		STD 2	.500000	.504216	-.004216
		STD 3	1.00000	.990983	.009017

CorCoef: 0.99996

Standardization Readback Report 03/28/06 07:25:15 PM page 2

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.100275	-.000275
		STD 2	.500000	.503402	-.003402
		STD 3	1.00000	.992221	.007779
CorCoef:	0.99997				

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	STD BLK	.000000	-.000006	.000006
		STD 1	.100000	.100345	-.000345
		STD 2	.500000	.501168	-.001168
		STD 3	1.00000	.987577	.012423
CorCoef:	0.99997				

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	STD BLK	.000000	-.000163	.000163
		STD 1	5.00000	5.02506	-.025064
		STD 2	25.0000	25.1748	-.174807
		STD 3	50.0000	49.6924	.307602
CorCoef:	0.99998				

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	STD BLK	-.210334	-.316126	.105792
		STD 3	134.399	135.418	-1.01852

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Mg2790	279.078	STD BLK	.003478	.003791	-.000313
		STD 3	21.7938	23.9037	-2.10990

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.100086	-.000086
		STD 2	.500000	.502158	-.002158
		STD 3	1.00000	.990927	.009073
CorCoef:	0.99997				

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	STD BLK	.004608	.010018	-.005410
		STD 3	2.16177	2.17234	-.010569

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	STD BLK	.000000	-.000005	.000005
		STD 1	.100000	.100326	-.000326
		STD 2	.500000	.502005	-.002005
		STD 3	1.00000	.988914	.011086
CorCoef:	0.99997				

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	STD BLK	.000000	.000002	-.000002
		STD 1	.100000	.102084	-.002084
		STD 2	.500000	.517315	-.017315
		STD 3	1.00000	1.01847	-.018473
CorCoef:	0.99996				

Standardization Readback Report 03/28/06 07:25:15 PM page 3

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.099178	.000822
		STD 2	.500000	.496342	.003658
		STD 3	1.00000	.982119	.017881
CorCoef:	0.99998				

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
PB2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
SE1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	STD BLK	.000000	.000015	-.000015
		STD 1	.100000	.099632	.000368
		STD 2	.500000	.508976	-.008976
		STD 3	1.00000	1.02765	-.027655
CorCoef:	0.99999				

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	STD BLK	.000000	.000026	-.000026
		STD 1	.100000	.097081	.002919
		STD 2	.500000	.509247	-.009247
		STD 3	1.00000	1.01480	-.014796
CorCoef:	0.99999				

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	STD BLK	.000000	.000028	-.000028
		STD 1	.100000	.095170	.004830
		STD 2	.500000	.498440	.001560
		STD 3	1.00000	1.00360	-.003600
CorCoef:	0.99999				

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3372	337.280	STD BLK	.000000	-.000000	.000000
		STD 1	.100000	.099950	.000050
		STD 2	.500000	.503174	-.003174
		STD 3	1.00000	.994146	.005854
CorCoef:	0.99998				

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	STD BLK	.000000	.000030	-.000030
		STD 1	.100000	.095822	.004178
		STD 2	.500000	.506785	-.006785
		STD 3	1.00000	1.00986	-.009856
CorCoef:	0.99998				

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	STD BLK	.000000	-.000000	.000000
		STD 1	.100000	.100180	-.000180
		STD 2	.500000	.503469	-.003469
		STD 3	1.00000	.996726	.003274

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.099958	.000042
		STD 2	.500000	.503675	-.003675
		STD 3	1.00000	.985424	.014576

CorCoef: 0.99993

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	STD BLK	.000000	.000011	-.000011
		STD 1	.100000	.098291	.001709
		STD 2	.500000	.504751	-.004751
		STD 3	1.00000	.997813	.002187

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	STD BLK	.000000	-.000001	.000001
		STD 1	.100000	.099993	.000007
		STD 2	.500000	.502827	-.002827
		STD 3	1.00000	.994293	.005707

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	STD BLK	.000000	.000003	-.000003
		STD 1	.100000	.099452	.000548
		STD 2	.500000	.505237	-.005237
		STD 3	1.00000	.993422	.006578

CorCoef: 0.99996

Analysis Report Blank Sample 03/28/06 07:30:12 PM page 1

Method: TRACE1 Sample Name: STD 3 VER Operator: SW
Run Time: 03/28/06 19:25:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.637	1.0226	.99409	1.0046	1.0027	50.675	1.0245
SDev	.151	.0038	.00290	.0019	.0022	.082	.0017
%RSD	.29725	.37213	.29163	.18901	.21569	.16104	.16165
#1	50.743	1.0253	.99614	1.0059	1.0043	50.732	1.0257
#2	50.530	1.0199	.99204	1.0032	1.0012	50.617	1.0234
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0045	1.0073	1.0009	50.449	50.288	50.807	1.0070
SDev	.0024	.0016	.0029	.074	.146	.102	.0014
%RSD	.23465	.15998	.28926	.14715	.29091	.20129	.14018
#1	1.0061	1.0084	1.0029	50.501	50.391	50.880	1.0080
#2	1.0028	1.0061	.99883	50.396	50.184	50.735	1.0060
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.946	1.0093	1.0133	1.0083	1.0100	1.0335	1.0365
SDev	.217	.0018	.0004	.0022	.0013	.0004	.0061
%RSD	.42684	.17699	.03921	.21679	.13127	.04094	.59160
#1	51.100	1.0106	1.0130	1.0099	1.0109	1.0332	1.0408
#2	50.793	1.0080	1.0135	1.0068	1.0090	1.0338	1.0321
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0244	1.0381	1.0092	1.0474	1.0100	1.0045	1.0162
SDev	.0022	.0005	.0020	.0012	.0026	.0008	.0014
%RSD	.21394	.04442	.19658	.11532	.26047	.07571	.13369
#1	1.0229	1.0385	1.0106	1.0465	1.0119	1.0051	1.0171
#2	1.0260	1.0378	1.0078	1.0483	1.0081	1.0040	1.0152
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	1.0053	1.0108
SDev	.0014	.0005
%RSD	.13901	.04950
#1	1.0063	1.0104
#2	1.0043	1.0111
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5483	--	--	--	--	--	--
SDev	2.439656	--	--	--	--	--	--
%RSD	.0444923	--	--	--	--	--	--
#1	5482	--	--	--	--	--	--
#2	5485	--	--	--	--	--	--

Analysis Report QC Standard 03/28/06 07:35:09 PM page 1

Method: TRACE1 Sample Name: ICV Operator: SW
Run Time: 03/28/06 19:30:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.919	.36919	Q.35390	.36930	.37929	19.225	.37320
SDev	.065	.00059	.00248	.00141	.00162	.111	.00339
%RSD	.34527	.15940	.69964	.38174	.42765	.57818	.90743
#1	18.965	.36960	Q.35566	.37030	.38044	19.304	.37560
#2	18.873	.36877	Q.35215	.36830	.37815	19.147	.37081
Errors	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass
Value	18.750	.37500	.37500	.37500	.37500	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37443	.37684	.39054	18.842	18.718	19.191	.38402
SDev	.00239	.00272	.00164	.110	.108	.103	.00161
%RSD	.63941	.72173	.42044	.58166	.57608	.53897	.42006
#1	.37612	.37876	.39170	18.919	18.794	19.264	.38516
#2	.37274	.37491	.38938	18.764	18.642	19.118	.38288
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500	.37500	.37500	18.750	18.750	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.650	.37970	.37661	.38315	.38097	.37872	.37975
SDev	.148	.00273	.00402	.00204	.00270	.00769	.00003
%RSD	.79599	.71861	1.0673	.53257	.70860	2.0302	.00779
#1	18.755	.38163	.37945	.38460	.38288	.38416	.37977
#2	18.545	.37777	.37376	.38171	.37907	.37328	.37973
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	18.750	.37500			.37500	.37500	.37500
Range	5.0000	5.0000			5.0000	5.0000	5.0000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37221	.38198	.38592	.38464	.37865	.37638	Q.39931
SDev	.00897	.00705	.00227	.00405	.00174	.00298	.00586
%RSD	2.4109	1.8447	.58682	1.0538	.45852	.79116	1.4670
#1	.37856	.38696	.38752	.38751	.37987	.37848	Q.40346
#2	.36587	.37700	.38432	.38178	.37742	.37427	Q.39517
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail
Value			.37500	.37500	.37500	.37500	.37500
Range			5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.37583	.38158
SDev	.00145	.00180
%RSD	.38520	.47099
#1	.37686	.38285
#2	.37481	.38031
Errors	QC Pass	QC Pass
Value	.37500	.37500
Range	5.0000	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5470	--	--	--	--	--	--
SDev	.9546632	--	--	--	--	--	--
%RSD	.0174538	--	--	--	--	--	--
#1	5469	--	--	--	--	--	--
#2	5470	--	--	--	--	--	--

Analysis Report Blank Sample 03/28/06 07:40:06 PM page 1

Method: TRACE1 Sample Name: ICB Operator: SW
Run Time: 03/28/06 19:35:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00467	.00122	.00191	.00024	.00019	.00829	.00031
SDev	.00271	.00164	.00064	.00003	.00005	.00334	.00021
%RSD	58.027	133.81	33.414	12.146	26.824	40.284	69.238
#1	.00276	.00238	.00146	.00022	.00016	.00593	.00016
#2	.00659	.00007	.00237	.00026	.00023	.01065	.00046
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	.00088	.00056	.01596	.03155	.01180	.00027
SDev	.00003	.00007	.00067	.00222	.01793	.00512	.00002
%RSD	6.6791	8.1761	119.78	13.909	56.844	43.396	8.5576
#1	.00042	.00093	.00104	.01439	.04423	.00818	.00026
#2	.00046	.00083	.00009	.01753	.01887	.01542	.00029
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03293	-.00007	.00220	-.00065	.00030	-.00070	.00450
SDev	.12946	.00062	.00207	.00123	.00013	.00313	.00170
%RSD	393.12	914.87	94.445	189.20	42.644	444.58	37.693
#1	.12447	.00037	.00366	-.00151	.00021	-.00292	.00570
#2	-.05861	-.00051	.00073	.00022	.00039	.00151	.00330
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00444	-.00328	.00019	.00235	.00081	-.00007	-.00010
SDev	.00109	.00415	.00003	.00068	.00000	.00001	.00017
%RSD	24.615	126.67	18.695	28.856	.39589	7.6141	175.89
#1	.00367	-.00621	.00016	.00283	.00082	-.00006	-.00022
#2	.00521	-.00034	.00021	.00187	.00081	-.00007	.00002
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00005	.00289
SDev	.00027	.00095
%RSD	570.03	32.816
#1	.00015	.00356
#2	-.00024	.00222
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5462	--	--	--	--	--	--
SDev	47.09338	--	--	--	--	--	--
%RSD	.8622792	--	--	--	--	--	--
#1	5428	--	--	--	--	--	--
#2	5495	--	--	--	--	--	--

Analysis Report Blank Sample 03/28/06 07:45:02 PM page 1

Method: TRACE1 Sample Name: CRI Operator: SW
Run Time: 03/28/06 19:40:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21316	.01109	.06440	.00219	.00205	.53258	.00127
SDev	.00529	.00044	.00035	.00003	.00000	.00139	.00009
%RSD	2.4798	4.0036	.54274	1.1337	.17423	.26129	7.3211
#1	.21690	.01140	.06415	.00217	.00205	.53159	.00121
#2	.20942	.01077	.06464	.00221	.00204	.53356	.00134
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.07500	.00300	.00300	.75000	.00150
Low	.10000	.00500	.02500	.00100	.00100	.25000	.00050

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00413	.00424	.01010	H.08463	.50306	.21690	.00335
SDev	.00024	.00008	.00042	.00055	.01476	.00245	.00004
%RSD	5.7472	1.9384	4.2029	.65127	2.9334	1.1286	1.3156
#1	.00430	.00418	.01040	H.08424	.49262	.21517	.00332
#2	.00396	.00430	.00980	H.08502	.51349	.21863	.00338
Errors	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.92879	.01034	.00604	.00548	.00567	.01218	.02149
SDev	.07766	.00021	.00248	.00303	.00285	.00441	.00092
%RSD	8.3619	2.0304	41.109	55.416	50.335	36.244	4.2691
#1	.87388	.01019	.00780	.00762	H.00768	.00906	.02084
#2	.98371	.01049	.00429	.00333	.00365	.01530	.02214
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.5000	.01500			.00750	.02250	.03000
Low	.50000	.00500			.00250	.00750	.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01107	.01273	.00529	.02366	.00563	.02026	.00742
SDev	.00400	.00462	.00051	.00030	.00001	.00006	.00122
%RSD	36.121	36.298	9.5857	1.2839	.25611	.29261	16.383
#1	.00825	.00946	.00565	.02388	.00564	.02030	.00656
#2	.01390	.01600	.00493	.02345	.00562	.02022	.00828
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00750	.03000	.00750	.03000	.01500
Low			.00250	.01000	.00250	.01000	.00500

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00284	.01109
SDev	.00034	.00069
%RSD	11.816	6.2417
#1	.00260	.01157
#2	.00308	.01060
Errors	LC Pass	LC Pass
High	.00450	.01500
Low	.00150	.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5568	--	--	--	--	--	--
SDev	15.80356	--	--	--	--	--	--
%RSD	.2838245	--	--	--	--	--	--
#1	5557	--	--	--	--	--	--
#2	5579	--	--	--	--	--	--

Analysis Report QC Standard 03/28/06 07:49:58 PM page 1

Method: TRACE1 Sample Name: ICSA Operator: SW
Run Time: 03/28/06 19:45:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	512.19	.00227	.00308	.00797	.00172	508.59	.00057
SDev	.00	.00219	.00083	.00006	.00000	1.16	.00004
%RSD	.00017	96.689	26.849	.81037	.15509	.22773	7.0720
#1	512.19	.00072	.00366	.00793	.00172	507.77	.00054
#2	512.19	.00382	.00249	.00802	.00172	509.41	.00060
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value	500.00					500.00	
Range	100.00					100.00	

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00126	-.00219	.00002	194.43	-.00659	494.00	-.00179
SDev	.00018	.00056	.00002	.20	.00915	.33	.00004
%RSD	14.182	25.487	86.684	.10244	138.76	.06654	2.4928
#1	.00114	-.00259	.00001	194.29	-.00012	493.77	-.00182
#2	.00139	-.00180	.00004	194.57	-.01306	494.24	-.00176
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK	QC Pass	NOCHECK
Value				200.00		500.00	
Range				40.000		100.00	

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.12482	.00089	.03262	-.01190	.00293	.00744	-.00108
SDev	.09216	.00011	.00051	.00108	.00089	.00015	.00124
%RSD	73.836	12.494	1.5555	9.0356	30.290	2.0006	115.12
#1	-.18999	.00081	.03298	-.01114	.00355	.00734	-.00196
#2	-.05965	.00097	.03226	-.01266	.00230	.00755	-.00020
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00414	.00909	.00108	.00059	-.00043	.00238	.00235
SDev	.00589	.00272	.00004	.00835	.00040	.00013	.00231
%RSD	142.29	29.928	3.7736	1418.1	93.114	5.3080	98.359
#1	-.00003	.01102	.00106	.00649	-.00072	.00230	.00072
#2	.00830	.00717	.00111	-.00532	-.00015	.00247	.00398
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00040	.00042
SDev	.00027	.00109
%RSD	68.188	260.94
#1	.00021	.00118
#2	.00059	-.00035
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5129	--	--	--	--	--	--
SDev	7.742612	--	--	--	--	--	--
%RSD	.1509568	--	--	--	--	--	--
#1	5124	--	--	--	--	--	--
#2	5134	--	--	--	--	--	--

Analysis Report QC Standard 03/28/06 07:54:54 PM page 1

Method: TRACE1 Sample Name: ICSAB Operator: SW
Run Time: 03/28/06 19:50:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	518.28	.10695	.00689	.51210	.49773	521.44	.99442
SDev	.14	.00148	.00045	.00039	.00022	.25	.00185
%RSD	.02609	1.3857	6.5256	.07684	.04357	.04841	.18647
#1	518.18	.10590	.00721	.51183	.49758	521.62	.99573
#2	518.37	.10800	.00657	.51238	.49789	521.26	.99311
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48801	.49434	.53599	97.334	.00474	467.12	.49177
SDev	.00004	.00064	.00163	.119	.02696	.22	.00052
%RSD	.00738	.12869	.30508	.12188	569.02	.04769	.10551
#1	.48804	.49479	.53714	97.418	.02380	467.27	.49140
#2	.48799	.49389	.53483	97.250	-.01433	466.96	.49213
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.09872	.93138	.08489	.03644	.05257	.04658	.63782
SDev	.09800	.00040	.00218	.00290	.00120	.00912	.00013
%RSD	99.273	.04343	2.5719	7.9500	2.2927	19.589	.02000
#1	-.02942	.93167	.08643	.03439	.05172	.04013	.63773
#2	-.16801	.93109	.08334	.03849	.05343	.05303	.63791
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value		1.0000			.05000	.05000	.60000
Range		.20000			.01000	.01000	.12000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03705	.05134	.00120	.10391	.50252	.94231	.00228
SDev	.00039	.01349	.00012	.00187	.00019	.00052	.00172
%RSD	1.0511	26.279	10.179	1.8006	.03780	.05555	75.460
#1	.03678	.04180	.00128	.10523	.50265	.94194	.00107
#2	.03733	.06088	.00111	.10259	.50238	.94268	.00350
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK
Value				.10000	.50000	1.0000	
Range				.02000	.10000	.20000	

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.21670	.00116
SDev	.00057	.00022
%RSD	.26233	19.185
#1	.21630	.00101
#2	.21710	.00132
Errors	QC Pass	NOCHECK
Value	.20000	
Range	.04000	

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5174	--	--	--	--	--	--
SDev	11.98525	--	--	--	--	--	--
%RSD	.2316427	--	--	--	--	--	--
#1	5182	--	--	--	--	--	--
#2	5166	--	--	--	--	--	--

Analysis Report QC Standard 03/28/06 08:01:11 PM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 03/28/06 19:56:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.354	.48417	.46625	.49938	.51298	25.632	.48285
SDev	.059	.00264	.00050	.00086	.00021	.020	.00026
%RSD	.23297	.54477	.10635	.17255	.04142	.07915	.05327
#1	25.313	.48603	.46660	.49877	.51283	25.617	.48267
#2	25.396	.48230	.46590	.49999	.51313	25.646	.48304
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50010	.50806	.52968	25.030	23.499	25.688	.51607
SDev	.00011	.00055	.00061	.010	.053	.009	.00032
%RSD	.02136	.10813	.11592	.03939	.22363	.03324	.06159
#1	.50003	.50767	.52925	25.023	23.462	25.682	.51584
#2	.50018	.50844	.53012	25.037	23.536	25.694	.51629
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.278	.49783	.50307	.50530	.50456	.49828	.48827
SDev	.038	.00041	.00385	.00092	.00067	.00316	.00225
%RSD	.14860	.08285	.76613	.18102	.13345	.63408	.46143
#1	25.251	.49812	.50035	.50594	.50408	.50051	.48667
#2	25.305	.49754	.50580	.50465	.50503	.49604	.48986
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48682	.50401	.51418	.48301	.50301	.50693	.53829
SDev	.00765	.00857	.00048	.00297	.00053	.00147	.00170
%RSD	1.5721	1.6996	.09389	.61412	.10510	.29000	.31550
#1	.48141	.51007	.51383	.48092	.50339	.50797	.53949
#2	.49224	.49795	.51452	.48511	.50264	.50589	.53709
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.51066	.51774
SDev	.00130	.00171
%RSD	.25453	.32948
#1	.50974	.51653
#2	.51158	.51894
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5305	--	--	--	--	--	--
SDev	12.62192	--	--	--	--	--	--
%RSD	.2379195	--	--	--	--	--	--
#1	5314	--	--	--	--	--	--
#2	5296	--	--	--	--	--	--

Analysis Report Blank Sample 03/28/06 08:06:09 PM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 03/28/06 20:01:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00519	-.00019	.00086	.00037	.00026	.02606	.00021
SDev	.00157	.00083	.00131	.00002	.00002	.00192	.00007
%RSD	30.218	429.90	152.12	5.4509	8.8277	7.3852	35.678
#1	.00408	-.00078	.00179	.00039	.00027	.02470	.00015
#2	.00630	.00039	-.00007	.00036	.00024	.02742	.00026
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00036	.00068	.00165	.01118	.08412	.02203	.00016
SDev	.00028	.00007	.00040	.00158	.00021	.00002	.00002
%RSD	78.503	10.900	24.538	14.146	.25073	.06602	14.812
#1	.00056	.00063	.00137	.01229	.08427	.02204	.00015
#2	.00016	.00073	.00194	.01006	.08397	.02202	.00018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03621	.00072	.00017	.00009	.00012	-.00512	.00290
SDev	.08668	.00001	.00120	.00157	.00065	.00179	.00178
%RSD	239.37	1.7849	687.48	1817.0	560.03	34.933	61.278
#1	-.02508	.00073	-.00067	.00120	.00057	-.00638	.00416
#2	.09751	.00071	.00102	-.00102	-.00034	-.00385	.00164
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00294	-.00621	.00021	.00018	.00054	-.00021	-.00086
SDev	.00005	.00270	.00025	.00496	.00013	.00000	.00054
%RSD	1.6165	43.581	117.68	2743.5	24.312	2.2643	63.572
#1	-.00290	-.00812	.00039	-.00333	.00064	-.00020	-.00124
#2	-.00297	-.00429	.00004	.00369	.00045	-.00021	-.00047
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00048	.00137
SDev	.00003	.00063
%RSD	6.2829	45.808
#1	-.00050	.00092
#2	-.00046	.00181
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5376	--	--	--	--	--	--
SDev	55.68466	--	--	--	--	--	--
%RSD	1.035758	--	--	--	--	--	--
#1	5337	--	--	--	--	--	--
#2	5416	--	--	--	--	--	--

Analysis Report 03/28/06 08:11:05 PM page 1

Method: TRACE1 Sample Name: AD613898 Operator: SW
Run Time: 03/28/06 20:06:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02248	.00202	.10358	.00258	-.00000	1.2798	.00013
SDev	.00748	.00021	.00171	.00003	.00002	.0015	.00010
%RSD	33.268	10.215	1.6481	.99648	354.42	.11944	76.185
#1	.01720	.00187	.10479	.00257	-.00002	1.2809	.00006
#2	.02777	.00217	.10237	.00260	.00001	1.2787	.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00048	.00092	.07270	.01470	.14373	.50272	.00013
SDev	.00001	.00008	.00034	.00073	.01232	.00176	.00005
%RSD	2.7029	8.3295	.47202	4.9692	8.5720	.35027	41.073
#1	.00047	.00086	.07294	.01418	.13502	.50148	.00009
#2	.00049	.00097	.07246	.01522	.15245	.50397	.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	129.82	.00226	.00247	.00129	.00169	-.00299	.00139
SDev	.10	.00005	.00091	.00065	.00074	.00023	.00328
%RSD	.07785	2.1385	36.620	50.599	43.768	7.7170	236.36
#1	129.89	.00223	.00183	.00083	.00116	-.00315	-.00093
#2	129.74	.00230	.00312	.00176	.00221	-.00282	.00371
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00397	-.00250	-.00004	.00174	.00089	.02373	-.00201
SDev	.00234	.00152	.00030	.00022	.00038	.00026	.00036
%RSD	59.028	60.751	720.72	12.939	42.195	1.0813	17.725
#1	-.00231	-.00357	-.00025	.00158	.00063	.02355	-.00226
#2	-.00562	-.00142	.00017	.00190	.00116	.02391	-.00176
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00036	.00061
SDev	.00062	.00062
%RSD	170.52	101.43
#1	-.00080	.00017
#2	.00007	.00105
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5582	--	--	--	--	--	--
SDev	11.13693	--	--	--	--	--	--
%RSD	.1995249	--	--	--	--	--	--
#1	5574	--	--	--	--	--	--
#2	5590	--	--	--	--	--	--

Analysis Report 03/28/06 08:16:02 PM page 1

Method: TRACE1 Sample Name: AD613899 Operator: SW
Run Time: 03/28/06 20:11:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02075	.00206	.03791	.23466	.00016	127.74	.00004
SDev	.00560	.00155	.00049	.00028	.00001	.17	.00001
%RSD	26.995	75.286	1.2894	.11890	7.9917	.13374	26.222
#1	.01679	.00096	.03826	.23447	.00015	127.62	.00004
#2	.02472	.00316	.03757	.23486	.00017	127.86	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00046	.00079	.00523	-.00555	1.6304	37.283	.00023
SDev	.00035	.00049	.00007	.00681	.0065	.095	.00008
%RSD	75.627	62.085	1.4266	122.76	.39760	.25507	36.159
#1	.00021	.00114	.00517	-.00073	1.6350	37.215	.00029
#2	.00070	.00044	.00528	-.01036	1.6258	37.350	.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.924	.00128	.00207	.00056	.00106	-.00320	.00130
SDev	.014	.00041	.00048	.00032	.00037	.00263	.00036
%RSD	.05912	31.735	23.276	56.756	35.000	82.108	27.583
#1	23.934	.00157	.00242	.00078	.00133	-.00506	.00156
#2	23.914	.00099	.00173	.00033	.00080	-.00134	.00105
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00435	-.00697	-.00002	-.00172	.00126	.01426	-.00289
SDev	.00157	.00473	.00028	.00071	.00064	.00002	.00160
%RSD	36.080	67.751	1423.5	41.513	50.547	.15770	55.517
#1	.00546	-.01032	.00018	-.00121	.00171	.01427	-.00403
#2	.00324	-.00363	-.00021	-.00222	.00081	.01424	-.00176
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00004	.00604
SDev	.00011	.00022
%RSD	295.38	3.6263
#1	.00011	.00619
#2	-.00004	.00588
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5546	--	--	--	--	--	--
SDev	8.166946	--	--	--	--	--	--
%RSD	.1472696	--	--	--	--	--	--
#1	5540	--	--	--	--	--	--
#2	5551	--	--	--	--	--	--

Analysis Report 03/28/06 08:20:59 PM page 1

Method: TRACE1 Sample Name: AD613861/PB Operator: SW
Run Time: 03/28/06 20:16:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01728	-.00155	.00113	.00010	.00001	.02422	.00019
SDev	.00522	.00201	.00002	.00003	.00008	.00048	.00009
%RSD	30.240	129.73	2.1284	28.859	1394.6	1.9729	49.674
#1	.02097	-.00297	.00115	.00008	.00006	.02388	.00025
#2	.01358	-.00013	.00112	.00013	-.00005	.02456	.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00024	.00019	.00036	.00202	.01341	.00669	-.00000
SDev	.00025	.00008	.00049	.00674	.00073	.00075	.00008
%RSD	100.42	43.108	134.84	334.04	5.4432	11.220	1733.8
#1	.00007	.00024	.00071	.00678	.01289	.00615	-.00006
#2	.00042	.00013	.00002	-.00275	.01393	.00722	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.03742	-.00002	.00009	.00140	.00097	-.00589	.00077
SDev	.01409	.00033	.00055	.00127	.00103	.00213	.00272
%RSD	37.650	1771.6	618.96	90.206	106.46	36.095	354.40
#1	-.04738	-.00025	.00048	.00230	.00169	-.00439	.00269
#2	-.02746	.00021	-.00030	.00051	.00024	-.00739	-.00116
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00367	-.00700	-.00005	-.00117	.00054	.00121	-.00039
SDev	.00483	.00077	.00007	.00347	.00013	.00002	.00194
%RSD	131.53	11.069	136.69	296.51	23.337	1.2098	502.78
#1	-.00026	-.00645	-.00011	.00128	.00045	.00122	-.00175
#2	-.00708	-.00755	-.00000	-.00363	.00063	.00120	.00098
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00001	-.00000
SDev	.00006	.00031
%RSD	392.52	24136.
#1	.00005	-.00022
#2	-.00002	.00022
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5587	--	--	--	--	--	--
SDev	42.95674	--	--	--	--	--	--
%RSD	.7688935	--	--	--	--	--	--
#1	5556	--	--	--	--	--	--
#2	5617	--	--	--	--	--	--

Analysis Report 03/28/06 08:25:56 PM page 1

Method: TRACE1 Sample Name: AD613860/FB Operator: SW
Run Time: 03/28/06 20:21:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.2567	.18456	.17528	.19046	.18638	9.2761	.18316
SDev	.0091	.00187	.00089	.00007	.00008	.0005	.00001
%RSD	.09868	1.0110	.50616	.03677	.04273	.00571	.00466
#1	9.2503	.18324	.17465	.19041	.18643	9.2764	.18316
#2	9.2632	.18588	.17590	.19051	.18632	9.2757	.18315
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18677	.18572	.18690	9.2205	9.3531	9.3817	.18577
SDev	.00062	.00005	.00011	.0004	.0186	.0051	.00001
%RSD	.33135	.02591	.06007	.00427	.19934	.05448	.00416
#1	.18721	.18576	.18682	9.2208	9.3399	9.3853	.18578
#2	.18634	.18569	.18698	9.2203	9.3663	9.3781	.18577
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.3814	.18439	.18879	.19023	.18975	.18511	.18635
SDev	.0007	.00017	.00112	.00211	.00103	.00179	.00230
%RSD	.00780	.09062	.59522	1.1089	.54427	.96619	1.2350
#1	9.3819	.18451	.18800	.19172	.19048	.18637	.18797
#2	9.3809	.18427	.18959	.18874	.18902	.18384	.18472
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	11.500	.23000			.23000	.23000	.23000
Low	8.5000	.17000			.17000	.17000	.17000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18582	.18475	.18592	.18513	.18517	.18882	.19026
SDev	.00383	.00460	.00008	.00245	.00064	.00078	.00008
%RSD	2.0587	2.4874	.04332	1.3250	.34608	.41174	.04349
#1	.18312	.18800	.18598	.18340	.18562	.18827	.19032
#2	.18853	.18150	.18586	.18687	.18472	.18936	.19020
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.23000	.23000	.23000	.23000	.23000
Low			.17000	.17000	.17000	.17000	.17000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.04673	.18569
SDev	.00011	.00077
%RSD	.23531	.41314
#1	.04665	.18515
#2	.04681	.18623
Errors	LC Pass	NOCHECK
High	.05750	
Low	.04250	

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5471	--	--	--	--	--	--
SDev	7.530618	--	--	--	--	--	--
%RSD	.1376341	--	--	--	--	--	--
#1	5466	--	--	--	--	--	--
#2	5477	--	--	--	--	--	--

Analysis Report 03/28/06 08:30:53 PM page 1

Method: TRACE1 Sample Name: AD613842 Operator: SW
Run Time: 03/28/06 20:26:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01526	.02077	.05897	.06925	.00006	88.638	-.00003
SDev	.00013	.00244	.00023	.00003	.00000	.041	.00017
%RSD	.83701	11.748	.39521	.04154	1.8281	.04601	527.14
#1	.01535	.02249	.05914	.06927	.00006	88.610	-.00015
#2	.01517	.01904	.05881	.06923	.00006	88.667	.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00046	.00009	.00047	1.6589	2.2111	54.206	.02315
SDev	.00023	.00051	.00044	.0044	.0261	.027	.00001
%RSD	50.945	589.48	93.324	.26815	1.1807	.05063	.05366
#1	.00029	.00045	.00077	1.6621	2.2295	54.187	.02316
#2	.00063	-.00028	.00016	1.6558	2.1926	54.225	.02315
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.758	.00022	.00224	-.00062	.00033	.00104	.00232
SDev	.096	.00001	.00065	.00243	.00141	.00003	.00024
%RSD	.89339	5.5824	28.940	389.81	428.69	2.9473	10.492
#1	10.826	.00023	.00269	-.00235	-.00067	.00106	.00249
#2	10.690	.00021	.00178	.00110	.00132	.00102	.00215
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00341	-.00014	.00011	-.00168	.00050	.00205	-.00136
SDev	.00065	.00028	.00007	.00179	.00013	.00040	.00090
%RSD	19.022	194.85	67.338	106.50	25.689	19.665	66.366
#1	.00387	-.00034	.00006	-.00041	.00041	.00177	-.00200
#2	.00296	.00005	.00016	-.00294	.00059	.00234	-.00072
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00057	.01594
SDev	.00057	.00070
%RSD	101.15	4.4085
#1	-.00016	.01644
#2	-.00097	.01544
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5470	--	--	--	--	--	--
SDev	22.27386	--	--	--	--	--	--
%RSD	.4072078	--	--	--	--	--	--
#1	5454	--	--	--	--	--	--
#2	5486	--	--	--	--	--	--

Analysis Report 03/28/06 08:35:50 PM page 1

Method: TRACE1 Sample Name: AD613843 Operator: SW
Run Time: 03/28/06 20:30:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22370	.00028	6.0061	.03302	.00025	98.376	.00038
SDev	.00560	.00106	.0119	.00010	.00000	.240	.00014
%RSD	2.5039	377.07	.19884	.30527	.86575	.24381	35.474
#1	.21974	-.00047	5.9976	.03295	.00025	98.207	.00048
#2	.22766	.00103	6.0145	.03309	.00025	98.546	.00029
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00111	.00099	.00190	.32131	20.496	41.995	.04709
SDev	.00000	.00029	.00029	.00808	.049	.114	.00016
%RSD	.20426	29.340	15.310	2.5135	.23969	.27201	.34220
#1	.00112	.00120	.00211	.31560	20.531	41.914	.04698
#2	.00111	.00079	.00169	.32702	20.461	42.075	.04721
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	255.01	.00206	.00031	.00044	.00040	-.00118	.00221
SDev	.01	.00021	.00272	.00097	.00026	.00323	.00268
%RSD	.00355	10.110	869.11	217.50	65.157	273.81	121.37
#1	255.00	.00221	.00223	-.00024	.00058	.00111	.00410
#2	255.02	.00191	-.00161	.00113	.00022	-.00347	.00031
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00046	-.00154	.00508	.00212	.00080	.00556	-.00187
SDev	.00886	.00042	.00103	.00052	.00026	.00020	.00055
%RSD	1918.1	27.264	20.219	24.329	32.048	3.6152	29.322
#1	.00580	-.00124	.00435	.00176	.00062	.00542	-.00226
#2	-.00672	-.00184	.00581	.00249	.00099	.00570	-.00148
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00016	.00254
SDev	.00087	.00024
%RSD	534.51	9.6401
#1	-.00078	.00237
#2	.00045	.00271
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5435	--	--	--	--	--	--
SDev	7.000288	--	--	--	--	--	--
%RSD	.1287942	--	--	--	--	--	--
#1	5430	--	--	--	--	--	--
#2	5440	--	--	--	--	--	--

Analysis Report 03/28/06 08:40:47 PM page 1

Method: TRACE1 Sample Name: AD613844 Operator: SW
Run Time: 03/28/06 20:35:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02748	.02132	.89431	.25204	.00019	121.47	.00008
SDev	.00404	.00208	.00366	.00051	.00002	.22	.00022
%RSD	14.710	9.7383	.40984	.20411	9.7950	.17907	258.19
#1	.02462	.02279	.89690	.25240	.00020	121.63	.00024
#2	.03033	.01986	.89172	.25167	.00018	121.32	-.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00059	.00033	-.00021	1.7532	7.0057	80.436	.03341
SDev	.00005	.00082	.00011	.0149	.0486	.200	.00016
%RSD	8.7545	249.41	53.180	.85259	.69307	.24922	.49493
#1	.00056	.00091	-.00028	1.7637	7.0400	80.577	.03353
#2	.00063	-.00025	-.00013	1.7426	6.9713	80.294	.03330
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	39.247	.00057	-.00044	.00112	.00060	-.00269	.00209
SDev	.129	.00056	.00176	.00069	.00104	.00132	.00252
%RSD	.32969	98.832	398.18	61.055	173.40	48.983	120.99
#1	39.338	.00017	.00080	.00161	.00134	-.00362	.00030
#2	39.156	.00097	-.00169	.00064	-.00014	-.00176	.00387
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00136	-.00336	.00019	-.00244	.00023	.00174	.00028
SDev	.00406	.00005	.00001	.00178	.00000	.00020	.00178
%RSD	298.39	1.5609	5.7731	72.691	.35205	11.410	630.77
#1	-.00423	-.00332	.00019	-.00119	.00023	.00160	-.00098
#2	.00151	-.00339	.00020	-.00370	.00023	.00188	.00154
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00004	.02108
SDev	.00022	.00180
%RSD	632.09	8.5273
#1	-.00012	.01981
#2	.00019	.02235
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5526	--	--	--	--	--	--
SDev	13.68224	--	--	--	--	--	--
%RSD	.2475942	--	--	--	--	--	--
#1	5516	--	--	--	--	--	--
#2	5536	--	--	--	--	--	--

Analysis Report 03/28/06 08:45:45 PM page 1

Method: TRACE1 Sample Name: AD613845 Operator: SW
Run Time: 03/28/06 20:40:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02169	.00045	2.2670	.09477	.00011	117.64	.00020
SDev	.00300	.00120	.0431	.00193	.00011	2.36	.00003
%RSD	13.826	263.37	1.8991	2.0375	99.517	2.0050	13.952
#1	.01957	-.00039	2.2365	.09340	.00003	115.98	.00018
#2	.02382	.00130	2.2974	.09613	.00018	119.31	.00022
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00068	.00068	-.00038	.26494	12.701	55.374	.02346
SDev	.00023	.00049	.00041	.00975	.196	1.089	.00045
%RSD	33.682	72.454	105.24	3.6797	1.5439	1.9661	1.9226
#1	.00085	.00102	-.00010	.25804	12.562	54.604	.02314
#2	.00052	.00033	-.00067	.27183	12.839	56.144	.02378
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	40.081	.00082	.00068	.00098	.00088	-.00388	-.00095
SDev	.634	.00012	.00026	.00136	.00100	.00360	.00160
%RSD	1.5822	15.187	37.689	139.61	113.46	92.930	167.98
#1	39.633	.00090	.00086	.00194	.00158	-.00133	-.00208
#2	40.530	.00073	.00050	.00001	.00017	-.00643	.00018
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00297	-.00433	.00022	-.00073	.00071	.00115	-.00213
SDev	.00335	.00708	.00007	.00126	.00012	.00013	.00160
%RSD	112.65	163.48	34.882	173.50	17.226	11.101	74.773
#1	-.00534	.00068	.00027	.00016	.00079	.00106	-.00101
#2	-.00060	-.00934	.00016	-.00162	.00062	.00124	-.00326
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00013	.00106
SDev	.00030	.00078
%RSD	222.02	73.939
#1	.00035	.00050
#2	-.00008	.00161
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5603	--	--	--	--	--	--
SDev	81.24650	--	--	--	--	--	--
%RSD	1.449989	--	--	--	--	--	--
#1	5661	--	--	--	--	--	--
#2	5546	--	--	--	--	--	--

Analysis Report 03/28/06 08:50:42 PM page 1

Method: TRACE1 Sample Name: AD613846 Operator: SW
Run Time: 03/28/06 20:45:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01779	.00653	.25522	.09656	.00011	117.04	.00014
SDev	.00218	.00119	.00166	.00014	.00005	.34	.00016
%RSD	12.267	18.228	.64835	.14890	42.638	.29181	118.17
#1	.01934	.00569	.25639	.09646	.00015	117.28	.00002
#2	.01625	.00737	.25405	.09666	.00008	116.80	.00025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00087	.00012	-.00009	1.3460	4.1304	69.642	.02778
SDev	.00051	.00034	.00016	.0117	.0048	.271	.00001
%RSD	57.899	283.17	180.06	.87227	.11638	.38906	.01710
#1	.00052	.00036	.00002	1.3377	4.1270	69.833	.02778
#2	.00123	-.00012	-.00021	1.3543	4.1338	69.450	.02778
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.600	.00082	-.00126	.00212	.00100	-.00514	-.00277
SDev	.010	.00021	.00145	.00006	.00044	.00076	.00134
%RSD	.06176	25.645	115.22	2.9693	44.360	14.859	48.353
#1	15.593	.00096	-.00023	.00208	.00131	-.00460	-.00371
#2	15.607	.00067	-.00229	.00217	.00068	-.00568	-.00182
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00710	-.00416	.00028	.00086	.00051	.00175	-.00213
SDev	.00282	.00255	.00007	.00297	.00013	.00019	.00054
%RSD	39.690	61.426	26.737	347.38	25.457	10.897	25.344
#1	-.00909	-.00235	.00022	-.00125	.00042	.00189	-.00251
#2	-.00511	-.00597	.00033	.00296	.00060	.00162	-.00175
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00038	.02123
SDev	.00016	.00008
%RSD	43.615	.39411
#1	-.00026	.02117
#2	-.00049	.02129
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5456	--	--	--	--	--	--
SDev	38.60810	--	--	--	--	--	--
%RSD	.7076912	--	--	--	--	--	--
#1	5483	--	--	--	--	--	--
#2	5428	--	--	--	--	--	--

Analysis Report 03/28/06 08:55:39 PM page 1

Method: TRACE1 Sample Name: AD613847 Operator: SW
Run Time: 03/28/06 20:50:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02151	.01938	.06044	.06914	.00006	88.330	.00026
SDev	.00083	.00015	.00017	.00001	.00001	.117	.00002
%RSD	3.8653	.78884	.28799	.00919	10.616	.13248	5.7525
#1	.02092	.01927	.06056	.06915	.00005	88.248	.00025
#2	.02209	.01949	.06032	.06914	.00006	88.413	.00027
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00059	.00048	.00039	1.6454	2.2080	53.826	.02297
SDev	.00000	.00008	.00015	.0004	.0068	.087	.00003
%RSD	.23850	16.107	38.305	.02355	.30839	.16188	.15350
#1	.00059	.00043	.00050	1.6452	2.2129	53.765	.02294
#2	.00059	.00054	.00029	1.6457	2.2032	53.888	.02299
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.716	-.00032	.00147	-.00053	.00014	-.00131	.00051
SDev	.047	.00056	.00218	.00033	.00095	.00175	.00155
%RSD	.44126	176.60	148.41	63.209	686.87	134.25	303.41
#1	10.682	.00008	-.00007	-.00076	-.00053	-.00255	.00161
#2	10.749	-.00072	.00301	-.00029	.00081	-.00007	-.00059
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00131	-.00261	.00013	.00118	.00032	.00163	-.00238
SDev	.00402	.00062	.00008	.00027	.00013	.00022	.00272
%RSD	306.66	23.818	65.399	22.993	40.885	13.433	114.34
#1	-.00153	-.00305	.00019	.00137	.00023	.00178	-.00046
#2	.00415	-.00217	.00007	.00099	.00041	.00147	-.00430
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00028	.01470
SDev	.00019	.00017
%RSD	65.665	1.1884
#1	-.00015	.01482
#2	-.00042	.01457
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5441	--	--	--	--	--	--
SDev	24.28919	--	--	--	--	--	--
%RSD	.4464329	--	--	--	--	--	--
#1	5424	--	--	--	--	--	--
#2	5458	--	--	--	--	--	--

Analysis Report QC Standard 03/28/06 09:01:55 PM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 03/28/06 20:57:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.094	.49536	.46540	.48735	.50039	25.490	.49893
SDev	.062	.00107	.00098	.00154	.00060	.039	.00048
%RSD	.24799	.21560	.21062	.31669	.12037	.15183	.09639
#1	25.050	.49460	.46471	.48625	.49996	25.463	.49859
#2	25.138	.49611	.46610	.48844	.50081	25.517	.49927
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49541	.49714	.51440	24.997	24.728	25.352	.50862
SDev	.00097	.00136	.00070	.047	.025	.045	.00115
%RSD	.19600	.27380	.13563	.18658	.10176	.17857	.22542
#1	.49473	.49617	.51390	24.964	24.746	25.320	.50781
#2	.49610	.49810	.51489	25.030	24.710	25.384	.50943
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.692	.50131	.50410	.50368	.50382	.51324	.50288
SDev	.099	.00008	.00577	.00059	.00231	.00253	.00293
%RSD	.40288	.01581	1.1442	.11652	.45895	.49290	.58273
#1	24.762	.50136	.50818	.50409	.50545	.51145	.50081
#2	24.622	.50125	.50002	.50326	.50218	.51503	.50495
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50260	.51856	.50979	.50945	.49971	.49556	.52552
SDev	.00693	.00033	.00120	.00470	.00100	.00098	.00133
%RSD	1.3790	.06350	.23547	.92210	.20088	.19745	.25331
#1	.49770	.51833	.50894	.50612	.49900	.49487	.52458
#2	.50750	.51879	.51064	.51277	.50042	.49625	.52646
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.49511	.50109
SDev	.00049	.00012
%RSD	.09925	.02299
#1	.49476	.50117
#2	.49546	.50101
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5532	--	--	--	--	--	--
SDev	8.591278	--	--	--	--	--	--
%RSD	.1552910	--	--	--	--	--	--
#1	5526	--	--	--	--	--	--
#2	5538	--	--	--	--	--	--

Analysis Report Blank Sample 03/28/06 09:06:53 PM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 03/28/06 21:01:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02680	-.00021	.00104	.00023	.00023	.02324	.00040
SDev	.00301	.00304	.00084	.00005	.00005	.00055	.00011
%RSD	11.221	1440.9	80.578	20.929	21.082	2.3658	28.389
#1	.02893	-.00236	.00163	.00026	.00027	.02285	.00032
#2	.02467	.00194	.00045	.00019	.00020	.02363	.00048
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00059	.00039	.00024	.00835	.03079	.02443	.00009
SDev	.00031	.00065	.00062	.00679	.02333	.00152	.00006
%RSD	51.539	166.67	264.16	81.348	75.767	6.2266	58.779
#1	.00081	.00085	.00068	.01315	.04729	.02551	.00013
#2	.00038	-.00007	-.00021	.00355	.01430	.02336	.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.14013	.00014	.00294	.00003	.00100	-.00686	.00027
SDev	.22270	.00052	.00014	.00088	.00063	.00542	.00342
%RSD	158.92	374.73	4.6420	2583.5	63.237	79.066	1259.9
#1	.01734	.00051	.00304	.00066	.00145	-.00302	.00269
#2	-.29761	-.00023	.00284	-.00059	.00055	L-.01070	-.00215
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00240	-.00909	-.00030	-.00166	.00063	-.00007	-.00050
SDev	.00360	.00634	.00043	.00118	.00026	.00021	.00107
%RSD	149.97	69.699	140.25	71.042	40.442	280.26	215.52
#1	.00015	-.00461	-.00000	-.00083	.00081	.00007	-.00125
#2	-.00495	-.01357	-.00061	-.00249	.00045	-.00022	.00026
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00005	.00062
SDev	.00044	.00042
%RSD	862.92	66.831
#1	.00026	.00033
#2	-.00036	.00092
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5534	--	--	--	--	--	--
SDev	13.57624	--	--	--	--	--	--
%RSD	.2453131	--	--	--	--	--	--
#1	5525	--	--	--	--	--	--
#2	5544	--	--	--	--	--	--

Analysis Report 03/28/06 09:11:50 PM page 1

Method: TRACE1 Sample Name: AD613848 Operator: SW
Run Time: 03/28/06 21:06:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07489	.00189	.93034	.04809	.00022	115.65	-.00005
SDev	.00252	.00148	.00053	.00021	.00002	.45	.00001
%RSD	3.3698	78.121	.05671	.44539	9.3429	.39241	21.263
#1	.07668	.00085	.93071	.04824	.00023	115.97	-.00004
#2	.07311	.00294	.92996	.04794	.00020	115.33	-.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00080	.00103	-.00027	.20591	6.6863	56.262	.11233
SDev	.00014	.00024	.00023	.00504	.0053	.255	.00019
%RSD	17.904	23.005	84.784	2.4492	.07907	.45355	.17269
#1	.00090	.00120	-.00011	.20948	6.6901	56.442	.11247
#2	.00070	.00086	-.00043	.20235	6.6826	56.081	.11219
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	51.675	.00271	.00103	-.00011	.00027	-.00322	.00207
SDev	.061	.00075	.00116	.00152	.00063	.00037	.00284
%RSD	.11790	27.865	112.05	1371.4	233.01	11.529	136.88
#1	51.632	.00217	.00185	-.00119	-.00017	-.00348	.00408
#2	51.718	.00324	.00021	.00096	.00071	-.00296	.00007
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00483	-.00242	.00121	.00149	.00081	.00147	-.00073
SDev	.00109	.00110	.00043	.00215	.00000	.00031	.00108
%RSD	22.636	45.708	35.817	144.02	.04680	21.224	146.61
#1	-.00406	-.00320	.00091	-.00003	.00081	.00125	.00003
#2	-.00561	-.00163	.00152	.00301	.00081	.00170	-.00150
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00012	.00072
SDev	.00001	.00081
%RSD	6.6315	111.55
#1	-.00012	.00129
#2	-.00011	.00015
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5490	--	--	--	--	--	--
SDev	7.954951	--	--	--	--	--	--
%RSD	.1448890	--	--	--	--	--	--
#1	5496	--	--	--	--	--	--
#2	5485	--	--	--	--	--	--

Analysis Report 03/28/06 09:16:47 PM page 1

Method: TRACE1 Sample Name: AD613849 Operator: SW
Run Time: 03/28/06 21:11:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.87422	.00069	3.1724	.46392	.00084	504.25	.00017
SDev	.03286	.00067	.0102	.00139	.00002	1.75	.00000
%RSD	3.7590	97.131	.32061	.29944	1.7746	.34780	1.7090
#1	.89746	.00022	3.1796	.46490	.00085	505.49	.00017
#2	.85099	.00117	3.1652	.46294	.00083	503.01	.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00214	.02382	.00267	1.0150	59.076	221.98	.23049
SDev	.00008	.00026	.00034	.0237	.155	.74	.00071
%RSD	3.6941	1.0923	12.577	2.3354	.26184	.33197	.30943
#1	.00209	.02400	.00290	1.0317	59.186	222.50	.23099
#2	.00220	.02364	.00243	.99820	58.967	221.46	.22998
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H944.51	.00495	-.00274	.00256	.00080	-.00295	.00221
SDev	1.27	.00067	.00147	.00024	.00033	.00203	.00048
%RSD	.13409	13.480	53.495	9.3375	41.356	68.662	21.708
#1	H945.41	.00542	-.00170	.00239	.00103	-.00152	.00187
#2	H943.61	.00447	-.00378	.00273	.00056	-.00438	.00255
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00712	-.00086	.02013	.00060	.00191	.01586	-.00046
SDev	.00263	.00172	.00292	.00600	.00042	.00030	.00059
%RSD	36.967	199.13	14.518	997.94	21.871	1.9194	128.22
#1	-.00526	.00035	.02219	.00484	.00220	.01608	-.00087
#2	-.00898	-.00208	.01806	-.00364	.00161	.01564	-.00004
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00008	.00115
SDev	.00023	.00150
%RSD	298.60	130.61
#1	-.00024	.00221
#2	.00008	.00009
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4999	--	--	--	--	--	--
SDev	11.34927	--	--	--	--	--	--
%RSD	.2270251	--	--	--	--	--	--
#1	5007	--	--	--	--	--	--
#2	4991	--	--	--	--	--	--

Analysis Report 03/28/06 09:21:45 PM page 1

Method: TRACE1 Sample Name: AD613850 Operator: SW
Run Time: 03/28/06 21:16:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44454	.00203	1.2153	.07162	.00025	273.94	.00030
SDev	.00314	.00054	.0015	.00001	.00003	.35	.00017
%RSD	.70567	26.807	.12689	.01443	13.592	.12663	58.339
#1	.44676	.00242	1.2142	.07161	.00027	273.70	.00042
#2	.44232	.00165	1.2164	.07163	.00022	274.19	.00018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00109	.00160	.00504	.82297	15.478	84.977	.16127
SDev	.00005	.00015	.00038	.00250	.007	.133	.00010
%RSD	4.8425	9.6381	7.4311	.30373	.04485	.15697	.06306
#1	.00113	.00149	.00531	.82120	15.473	84.883	.16119
#2	.00105	.00171	.00478	.82473	15.483	85.071	.16134
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	54.018	.00546	.00074	-.00017	.00013	-.00098	.00334
SDev	.186	.00012	.00248	.00136	.00008	.00111	.00131
%RSD	.34524	2.1941	333.93	779.65	63.386	113.44	39.218
#1	53.886	.00537	-.00101	.00079	.00019	-.00019	.00241
#2	54.150	.00554	.00249	-.00114	.00007	-.00176	.00426
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00101	-.00197	.00918	.00055	.00107	.00986	-.00613
SDev	.00159	.00246	.00044	.00066	.00092	.00015	.00039
%RSD	157.76	124.77	4.7926	121.54	85.457	1.5484	6.2977
#1	-.00012	-.00023	.00949	.00008	.00172	.00996	-.00640
#2	.00213	-.00371	.00886	.00101	.00042	.00975	-.00585
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00023	.00222
SDev	.00010	.00102
%RSD	45.933	46.026
#1	-.00015	.00150
#2	-.00030	.00295
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5403	--	--	--	--	--	--
SDev	24.60718	--	--	--	--	--	--
%RSD	.4554607	--	--	--	--	--	--
#1	5385	--	--	--	--	--	--
#2	5420	--	--	--	--	--	--

Analysis Report 03/28/06 09:26:42 PM page 1

Method: TRACE1 Sample Name: AD613851 Operator: SW
Run Time: 03/28/06 21:21:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12765	.00038	3.4127	.18519	.00052	238.33	.00020
SDev	.00752	.00092	.0017	.00021	.00003	.04	.00013
%RSD	5.8923	244.15	.05032	.11153	6.3862	.01757	62.507
#1	.13297	.00103	3.4139	.18534	.00055	238.36	.00011
#2	.12233	-.00027	3.4115	.18505	.00050	238.30	.00029
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00134	.00105	.00095	.16535	32.261	100.12	.09824
SDev	.00041	.00027	.00007	.00447	.041	.00	.00002
%RSD	30.307	25.769	7.0038	2.7049	.12854	.00249	.02462
#1	.00163	.00124	.00100	.16851	32.291	100.12	.09823
#2	.00105	.00086	.00091	.16219	32.232	100.12	.09826
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H441.39	.00185	.00054	.00051	.00052	-.00415	-.00047
SDev	.32	.00020	.00207	.00022	.00054	.00139	.00412
%RSD	.07162	10.786	382.59	44.289	104.61	33.471	881.51
#1	H441.62	.00199	.00201	.00035	.00090	-.00513	.00245
#2	H441.17	.00171	-.00092	.00066	.00013	-.00317	-.00338
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00557	-.00344	.00206	-.00136	.00101	.00509	-.00110
SDev	.00656	.00120	.00051	.00300	.00027	.00078	.00094
%RSD	117.87	34.886	24.619	221.33	26.618	15.249	85.479
#1	-.01021	-.00259	.00242	-.00348	.00120	.00564	-.00176
#2	-.00093	-.00429	.00171	.00077	.00082	.00454	-.00043
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00024	.00078
SDev	.00046	.00056
%RSD	193.58	71.029
#1	.00056	.00118
#2	-.00009	.00039
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5249	--	--	--	--	--	--
SDev	17.07690	--	--	--	--	--	--
%RSD	.3253627	--	--	--	--	--	--
#1	5236	--	--	--	--	--	--
#2	5261	--	--	--	--	--	--

Analysis Report 03/28/06 09:31:39 PM page 1

Method: TRACE1 Sample Name: AD613852 Operator: SW
Run Time: 03/28/06 21:26:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01118	-.00007	.62952	.11377	.00016	126.22	.00009
SDev	.00284	.00075	.00157	.00002	.00002	.24	.00008
%RSD	25.378	1120.3	.24961	.01450	10.904	.19082	85.829
#1	.00918	.00047	.63063	.11376	.00018	126.05	.00004
#2	.01319	-.00060	.62841	.11378	.00015	126.39	.00015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00046	.00311	-.00016	-.00074	2.8728	52.677	1.9522
SDev	.00004	.00020	.00005	.01211	.0215	.031	.0006
%RSD	8.0857	6.4907	32.357	1628.1	.75000	.05880	.03226
#1	.00048	.00325	-.00020	.00782	2.8881	52.655	1.9517
#2	.00043	.00297	-.00012	-.00931	2.8576	52.699	1.9526
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	38.720	.00632	-.00031	.00016	.00000	-.00489	-.00042
SDev	.070	.00042	.00125	.00004	.00039	.00438	.00154
%RSD	.18155	6.7216	405.65	26.911	9277.9	89.626	364.95
#1	38.671	.00662	-.00119	.00019	-.00027	-.00798	-.00152
#2	38.770	.00602	.00058	.00013	.00028	-.00179	.00067
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00779	-.00344	-.00007	-.00126	.00036	.00298	-.00163
SDev	.00818	.00248	.00009	.00101	.00013	.00022	.00089
%RSD	105.04	72.166	132.19	80.357	35.301	7.3357	54.817
#1	-.01357	-.00519	-.00000	-.00054	.00045	.00313	-.00226
#2	-.00200	-.00168	-.00014	-.00198	.00027	.00283	-.00100
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00008	.02731
SDev	.00062	.00109
%RSD	776.17	4.0020
#1	.00036	.02654
#2	-.00051	.02808
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5525	--	--	--	--	--	--
SDev	18.98589	--	--	--	--	--	--
%RSD	.3436437	--	--	--	--	--	--
#1	5511	--	--	--	--	--	--
#2	5538	--	--	--	--	--	--

Analysis Report 03/28/06 09:36:36 PM page 1

Method: TRACE1 Sample Name: AD613853 Operator: SW
Run Time: 03/28/06 21:31:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.9529	.00326	2.4361	.09518	.00087	343.65	.00022
SDev	.1490	.00264	.0111	.00027	.00002	2.23	.00011
%RSD	3.0093	81.201	.45590	.27952	1.9889	.64977	51.143
#1	5.0583	.00513	2.4282	.09536	.00086	342.07	.00030
#2	4.8475	.00139	2.4439	.09499	.00089	345.23	.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00584	.00720	.00776	6.9859	53.302	137.63	.27382
SDev	.00001	.00039	.00002	.0085	.163	.75	.00181
%RSD	.23127	5.3882	.31152	.12224	.30578	.54160	.66156
#1	.00583	.00747	.00777	6.9798	53.186	137.10	.27254
#2	.00585	.00692	.00774	6.9919	53.417	138.16	.27510
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H747.84	.00948	.00329	.00334	.00333	-.00498	.00224
SDev	3.21	.00005	.00274	.00053	.00127	.00020	.00124
%RSD	.42943	.53594	83.191	15.792	38.015	4.0058	55.418
#1	H745.57	.00945	.00523	.00372	.00422	-.00484	.00136
#2	H750.11	.00952	.00136	.00297	.00243	-.00512	.00312
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00131	-.00682	.10337	-.00022	.00794	.03245	-.00021
SDev	.00283	.00112	.01092	.00105	.00010	.00024	.00059
%RSD	215.94	16.377	10.569	486.85	1.2284	.73785	285.56
#1	.00069	-.00761	.11109	.00053	.00801	.03228	.00021
#2	-.00331	-.00603	.09564	-.00096	.00787	.03262	-.00063
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00017	.00186
SDev	.00016	.00182
%RSD	94.006	98.090
#1	.00006	.00057
#2	.00028	.00314
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5224	--	--	--	--	--	--
SDev	20.78887	--	--	--	--	--	--
%RSD	.3979683	--	--	--	--	--	--
#1	5238	--	--	--	--	--	--
#2	5209	--	--	--	--	--	--

Analysis Report 03/28/06 09:41:34 PM page 1

Method: TRACE1 Sample Name: AD613854 Operator: SW
Run Time: 03/28/06 21:36:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.88477	.00050	2.2727	.08655	.00022	87.185	.00013
SDev	.00243	.00042	.0041	.00006	.00000	.088	.00008
%RSD	.27466	83.219	.18049	.06901	1.5860	.10041	59.741
#1	.88649	.00021	2.2698	.08651	.00022	87.123	.00018
#2	.88305	.00080	2.2756	.08659	.00021	87.247	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00099	.00327	.00130	1.0422	11.121	42.966	.03198
SDev	.00009	.00015	.00040	.0075	.021	.040	.00003
%RSD	9.0902	4.6516	30.397	.72233	.18437	.09289	.10711
#1	.00106	.00317	.00158	1.0369	11.136	42.938	.03196
#2	.00093	.00338	.00102	1.0476	11.107	42.994	.03200
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	85.774	.00352	.00370	.00204	.00259	-.00286	.00504
SDev	.035	.00014	.00178	.00021	.00045	.00205	.00024
%RSD	.04098	3.9225	47.940	10.194	17.461	71.744	4.7034
#1	85.799	.00362	.00245	.00218	.00227	-.00431	.00487
#2	85.749	.00342	.00496	.00189	.00291	-.00141	.00520
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00341	-.00259	.02336	.00214	.00202	.01757	-.00105
SDev	.00097	.00356	.00047	.00272	.00000	.00084	.00160
%RSD	28.278	137.72	2.0177	127.05	.14043	4.7951	152.25
#1	-.00273	-.00511	.02303	.00406	.00202	.01817	.00008
#2	-.00410	-.00007	.02369	.00022	.00202	.01698	-.00218
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00011	.00211
SDev	.00021	.00062
%RSD	195.67	29.464
#1	.00025	.00167
#2	-.00004	.00255
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5564	--	--	--	--	--	--
SDev	8.166946	--	--	--	--	--	--
%RSD	.1467931	--	--	--	--	--	--
#1	5558	--	--	--	--	--	--
#2	5569	--	--	--	--	--	--

Analysis Report 03/28/06 09:46:31 PM page 1

Method: TRACE1 Sample Name: AD613855 Operator: SW
Run Time: 03/28/06 21:41:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13039	-.00147	3.1469	.09087	.00017	62.808	.00023
SDev	.00271	.00003	.0298	.00086	.00004	.531	.00016
%RSD	2.0813	1.7115	.94792	.94433	21.241	.84480	71.646
#1	.13231	-.00145	3.1680	.09148	.00020	63.184	.00034
#2	.12847	-.00148	3.1258	.09026	.00015	62.433	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00026	.00104	-.00004	.19964	16.071	29.873	.01534
SDev	.00018	.00014	.00009	.00043	.165	.243	.00003
%RSD	69.493	13.574	194.57	.21602	1.0244	.81302	.18220
#1	.00038	.00094	.00002	.19934	16.188	30.044	.01536
#2	.00013	.00114	-.00011	.19995	15.955	29.701	.01532
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	81.033	.00105	.00067	.00068	.00068	-.00461	.00177
SDev	.948	.00032	.00021	.00003	.00009	.00331	.00253
%RSD	1.1703	31.005	31.899	3.8875	13.081	71.720	143.39
#1	81.703	.00128	.00082	.00070	.00074	-.00227	-.00002
#2	80.362	.00082	.00052	.00066	.00062	-.00695	.00356
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00051	-.00666	.00353	.00119	.00071	.00228	.00093
SDev	.00421	.00286	.00130	.00004	.00013	.00042	.00091
%RSD	819.81	42.875	36.798	3.1737	18.015	18.373	97.752
#1	.00247	-.00464	.00445	.00117	.00062	.00258	.00157
#2	-.00349	-.00869	.00261	.00122	.00081	.00198	.00029
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00059	.00163
SDev	.00036	.00113
%RSD	61.597	69.139
#1	-.00084	.00243
#2	-.00033	.00084
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5486	--	--	--	--	--	--
SDev	9.864278	--	--	--	--	--	--
%RSD	.1798221	--	--	--	--	--	--
#1	5479	--	--	--	--	--	--
#2	5493	--	--	--	--	--	--

Analysis Report 03/28/06 09:51:28 PM page 1

Method: TRACE1 Sample Name: AD613856 Operator: SW
Run Time: 03/28/06 21:46:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06605	.07178	.20094	.00462	.00030	130.81	.00029
SDev	.00216	.00071	.00198	.00007	.00002	.09	.00001
%RSD	3.2773	.98712	.98589	1.6246	7.7769	.06744	3.2959
#1	.06759	.07128	.20234	.00457	.00032	130.75	.00028
#2	.06452	.07229	.19954	.00467	.00028	130.88	.00030
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00080	.00143	.00618	1.2859	1.1234	5.1797	.10257
SDev	.00028	.00038	.00002	.0034	.0105	.0054	.00007
%RSD	35.671	26.249	.34312	.26826	.93866	.10334	.06970
#1	.00060	.00169	.00616	1.2884	1.1308	5.1759	.10252
#2	.00100	.00116	.00619	1.2835	1.1159	5.1835	.10262
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H416.63	.00317	-.00016	.00098	.00060	-.00698	.00237
SDev	.39	.00021	.00049	.00030	.00003	.00321	.00200
%RSD	.09390	6.5255	304.83	30.350	5.7193	45.967	84.785
#1	H416.91	.00331	.00019	.00077	.00058	-.00471	.00095
#2	H416.35	.00302	-.00051	.00119	.00062	-.00925	.00378
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00820	-.00637	.01103	-.00162	.00269	.01600	-.00399
SDev	.00002	.00482	.00003	.00226	.00026	.00024	.00131
%RSD	.20226	75.691	.25449	139.27	9.5491	1.4896	32.742
#1	-.00821	-.00296	.01101	-.00322	.00251	.01584	-.00306
#2	-.00819	-.00978	.01105	-.00002	.00287	.01617	-.00491
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00065	.00525
SDev	.00042	.00004
%RSD	64.509	.82511
#1	-.00035	.00522
#2	-.00095	.00528
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5246	--	--	--	--	--	--
SDev	27.15283	--	--	--	--	--	--
%RSD	.5176108	--	--	--	--	--	--
#1	5227	--	--	--	--	--	--
#2	5265	--	--	--	--	--	--

Analysis Report 03/28/06 09:56:26 PM page 1

Method: TRACE1 Sample Name: AD613856/L (1:5) Operator: SW
Run Time: 03/28/06 21:51:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01722	.01419	.04344	.00094	.00006	26.334	.00025
SDev	.00106	.00206	.00117	.00001	.00001	.018	.00020
%RSD	6.1755	14.554	2.6816	1.2923	19.136	.06805	80.442
#1	.01647	.01565	.04426	.00093	.00005	26.347	.00039
#2	.01797	.01273	.04261	.00095	.00007	26.321	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	.00035	.00116	.26781	.19366	1.0642	.02051
SDev	.00005	.00075	.00019	.00401	.01589	.0008	.00002
%RSD	222.54	216.82	16.353	1.4969	8.2064	.07919	.10533
#1	.00006	.00088	.00103	.27065	.20490	1.0648	.02052
#2	-.00001	-.00018	.00129	.26498	.18242	1.0636	.02049
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	87.796	.00070	.00146	.00072	.00096	-.00233	.00165
SDev	.128	.00011	.00166	.00113	.00020	.00076	.00431
%RSD	.14610	14.986	113.62	157.33	20.826	32.638	260.52
#1	87.886	.00062	.00263	-.00008	.00082	-.00179	.00470
#2	87.705	.00077	.00029	.00152	.00111	-.00287	-.00139
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00118	-.00409	.00215	-.00174	.00089	.00308	.00028
SDev	.00704	.00238	.00022	.00115	.00013	.00050	.00143
%RSD	595.14	58.177	10.098	65.746	14.170	16.304	506.40
#1	.00616	-.00577	.00230	-.00093	.00080	.00273	-.00073
#2	-.00379	-.00241	.00199	-.00256	.00098	.00344	.00129
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00050	-.00003
SDev	.00064	.00165
%RSD	128.45	5516.7
#1	-.00095	.00114
#2	-.00005	-.00120
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5496	--	--	--	--	--	--
SDev	20.25854	--	--	--	--	--	--
%RSD	.3686102	--	--	--	--	--	--
#1	5482	--	--	--	--	--	--
#2	5510	--	--	--	--	--	--

Analysis Report QC Standard 03/28/06 10:02:42 PM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 03/28/06 21:57:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.979	.49287	.46404	.48526	.49625	25.325	.49813
SDev	.015	.00037	.00011	.00015	.00002	.042	.00126
%RSD	.06129	.07524	.02444	.03062	.00334	.16555	.25236
#1	24.968	.49261	.46412	.48536	.49624	25.295	.49724
#2	24.990	.49314	.46396	.48515	.49626	25.355	.49902
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49198	.49357	.51033	24.808	24.611	25.189	.50528
SDev	.00137	.00054	.00116	.027	.002	.042	.00075
%RSD	.27922	.10965	.22691	.10799	.00890	.16690	.14778
#1	.49101	.49319	.51115	24.789	24.610	25.159	.50476
#2	.49295	.49396	.50951	24.827	24.613	25.218	.50581
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.656	.49855	.50270	.50276	.50274	.50868	.50284
SDev	.053	.00086	.00051	.00314	.00226	.00039	.00176
%RSD	.21431	.17180	.10130	.62393	.44991	.07658	.34906
#1	24.618	.49795	.50234	.50054	.50114	.50896	.50160
#2	24.693	.49916	.50306	.50497	.50434	.50841	.50408
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51143	.50732	.50755	.50823	.49716	.49119	.52267
SDev	.00164	.00024	.00014	.00592	.00017	.00100	.00013
%RSD	.32137	.04681	.02663	1.1650	.03459	.20248	.02563
#1	.51259	.50715	.50746	.50405	.49729	.49049	.52257
#2	.51026	.50748	.50765	.51242	.49704	.49189	.52276
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.49116	.49662
SDev	.00009	.00015
%RSD	.01766	.02926
#1	.49110	.49651
#2	.49122	.49672
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5536	--	--	--	--	--	--
SDev	6.151622	--	--	--	--	--	--
%RSD	.1111253	--	--	--	--	--	--
#1	5531	--	--	--	--	--	--
#2	5540	--	--	--	--	--	--

Analysis Report Blank Sample 03/28/06 10:07:40 PM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 03/28/06 22:02:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02516	.00038	.00262	.00025	.00017	.02559	.00034
SDev	.00055	.00016	.00067	.00005	.00003	.00063	.00010
%RSD	2.1850	41.317	25.563	18.744	17.037	2.4437	28.738
#1	.02554	.00027	.00310	.00021	.00015	.02514	.00027
#2	.02477	.00050	.00215	.00028	.00020	.02603	.00040
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00036	.00026	-.00045	.00781	.02104	.02321	.00015
SDev	.00018	.00025	.00050	.00151	.00496	.00252	.00008
%RSD	48.792	95.319	111.02	19.351	23.596	10.878	54.480
#1	.00024	.00009	-.00010	.00888	.02455	.02143	.00009
#2	.00049	.00044	-.00081	.00674	.01753	.02500	.00020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00889	.00063	.00304	.00121	.00182	-.00513	.00234
SDev	.04415	.00028	.00066	.00128	.00107	.00238	.00327
%RSD	496.76	45.243	21.642	105.24	58.746	46.449	139.48
#1	-.04011	.00083	.00351	.00211	.00258	-.00681	.00466
#2	.02233	.00043	.00258	.00031	.00106	-.00344	.00003
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00285	-.00627	.00002	-.00083	.00063	-.00044	-.00138
SDev	.00257	.00229	.00011	.00260	.00000	.00071	.00123
%RSD	90.165	36.511	640.69	312.12	.03570	161.42	89.490
#1	-.00467	-.00789	-.00006	.00101	.00063	.00006	-.00225
#2	-.00103	-.00465	.00009	-.00267	.00063	-.00094	-.00051
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00021	.00063
SDev	.00033	.00169
%RSD	154.62	267.22
#1	-.00044	.00183
#2	.00002	-.00056
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5605	--	--	--	--	--	--
SDev	6.151967	--	--	--	--	--	--
%RSD	.1097546	--	--	--	--	--	--
#1	5601	--	--	--	--	--	--
#2	5610	--	--	--	--	--	--

Analysis Report 03/28/06 10:12:37 PM page 1

Method: TRACE1 Sample Name: AD613856/PS Operator: SW
Run Time: 03/28/06 22:07:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.397	.28691	.38825	.21285	.20956	137.90	.21586
SDev	.015	.00376	.00054	.00030	.00009	.06	.00017
%RSD	.14849	1.3110	.13919	.13983	.04415	.04063	.08028
#1	10.386	.28425	.38787	.21264	.20963	137.86	.21599
#2	10.407	.28957	.38863	.21306	.20950	137.94	.21574
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20841	.20967	.22563	11.860	13.941	15.620	.30725
SDev	.00072	.00029	.00070	.014	.016	.016	.00009
%RSD	.34395	.13844	.31204	.11469	.11383	.10455	.02804
#1	.20790	.20988	.22613	11.870	13.952	15.631	.30719
#2	.20892	.20947	.22514	11.851	13.930	15.608	.30731
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H410.67	.21570	.21311	.21201	.21238	.21842	.22577
SDev	.45	.00001	.00092	.00225	.00120	.00270	.00026
%RSD	.11042	.00603	.43030	1.0626	.56372	1.2362	.11512
#1	H410.35	.21569	.21376	.21042	.21153	.21652	.22559
#2	H410.99	.21571	.21246	.21360	.21322	.22033	.22595
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22044	.21742	.22027	.21818	.21364	.22309	.21505
SDev	.00238	.00524	.00009	.00109	.00042	.00003	.00122
%RSD	1.0804	2.4106	.03910	.50022	.19646	.01406	.56964
#1	.22213	.21371	.22021	.21895	.21334	.22311	.21418
#2	.21876	.22112	.22033	.21740	.21394	.22307	.21592
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05338	.21736
SDev	.00016	.00084
%RSD	.29373	.38625
#1	.05327	.21795
#2	.05349	.21676
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5426	--	--	--	--	--	--
SDev	5.833631	--	--	--	--	--	--
%RSD	.1075210	--	--	--	--	--	--
#1	5421	--	--	--	--	--	--
#2	5430	--	--	--	--	--	--

Analysis Report 03/28/06 10:17:35 PM page 1

Method: TRACE1 Sample Name: AD613857/MS Operator: SW
Run Time: 03/28/06 22:12:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.350	.28300	.38808	.21063	.20432	141.08	.20503
SDev	.006	.00132	.00017	.00025	.00039	.34	.00193
%RSD	.05834	.46633	.04491	.11716	.18941	.24313	.94295
#1	10.346	.28393	.38820	.21080	.20459	141.33	.20640
#2	10.355	.28207	.38795	.21045	.20405	140.84	.20366
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20496	.20241	.21077	11.438	13.582	15.318	.30842
SDev	.00074	.00064	.00049	.038	.034	.036	.00056
%RSD	.36228	.31563	.23146	.33655	.25325	.23802	.18230
#1	.20548	.20287	.21111	11.466	13.606	15.344	.30882
#2	.20443	.20196	.21042	11.411	13.558	15.292	.30802
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H422.85	.20554	.20552	.21125	.20934	.20598	.21465
SDev	.28	.00163	.00028	.00223	.00139	.00340	.00396
%RSD	.06629	.79520	.13396	1.0541	.66570	1.6496	1.8460
#1	H423.04	.20670	.20533	.21282	.21033	.20838	.21746
#2	H422.65	.20439	.20572	.20967	.20836	.20358	.21185
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20668	.20563	.21665	.20651	.20656	.22256	.20381
SDev	.00104	.00458	.00096	.00023	.00079	.00099	.00140
%RSD	.50304	2.2258	.44314	.11350	.38073	.44458	.68844
#1	.20741	.20887	.21733	.20667	.20711	.22326	.20480
#2	.20594	.20240	.21597	.20634	.20600	.22186	.20282
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05174	.21032
SDev	.00015	.00226
%RSD	.29454	1.0732
#1	.05184	.21191
#2	.05163	.20872
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5344	--	--	--	--	--	--
SDev	6.894291	--	--	--	--	--	--
%RSD	.1290033	--	--	--	--	--	--
#1	5349	--	--	--	--	--	--
#2	5339	--	--	--	--	--	--

Analysis Report 03/28/06 10:22:32 PM page 1

Method: TRACE1 Sample Name: AD613858/SD Operator: SW
Run Time: 03/28/06 22:17:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.384	.28265	.38587	.21167	.20438	140.72	.20426
SDev	.011	.00179	.00026	.00014	.00007	.02	.00090
%RSD	.10190	.63175	.06838	.06787	.03512	.01499	.44059
#1	10.377	.28139	.38568	.21157	.20443	140.70	.20362
#2	10.391	.28391	.38606	.21177	.20433	140.73	.20490
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20490	.20247	.21152	11.407	13.648	15.279	.30787
SDev	.00023	.00084	.00042	.014	.026	.009	.00021
%RSD	.11122	.41425	.19821	.12401	.18987	.05815	.06987
#1	.20506	.20306	.21181	11.397	13.667	15.273	.30802
#2	.20474	.20188	.21122	11.417	13.630	15.285	.30772
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H423.60	.20464	.20840	.20725	.20763	.20686	.21458
SDev	.17	.00042	.00230	.00244	.00086	.00287	.00051
%RSD	.03921	.20334	1.1022	1.1782	.41605	1.3877	.23930
#1	H423.72	.20435	.21002	.20553	.20702	.20483	.21494
#2	H423.48	.20493	.20677	.20898	.20824	.20889	.21422
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20837	.20611	.21551	.20764	.20718	.21958	.20952
SDev	.00102	.00481	.00018	.00160	.00024	.00042	.00082
%RSD	.48727	2.3355	.08574	.76844	.11751	.18886	.39135
#1	.20908	.20271	.21565	.20877	.20701	.21929	.21010
#2	.20765	.20952	.21538	.20651	.20735	.21987	.20894
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05167	.20885
SDev	.00043	.00265
%RSD	.83877	1.2697
#1	.05136	.21072
#2	.05197	.20697
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5362	--	--	--	--	--	--
SDev	20.89487	--	--	--	--	--	--
%RSD	.3896969	--	--	--	--	--	--
#1	5347	--	--	--	--	--	--
#2	5377	--	--	--	--	--	--

Analysis Report 03/28/06 10:27:29 PM page 1

Method: TRACE1 Sample Name: AD613859 Operator: SW
Run Time: 03/28/06 22:22:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20218	.00244	.09121	.08523	.00101	50.275	.00008
SDev	.00294	.00019	.00025	.00007	.00005	.011	.00014
%RSD	1.4520	7.7918	.27024	.08602	4.5825	.02129	168.88
#1	.20010	.00230	.09138	.08528	.00104	50.267	.00018
#2	.20426	.00257	.09103	.08517	.00097	50.282	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00176	.00905	.00577	.61109	30.958	12.443	.12703
SDev	.00029	.00027	.00035	.00178	.023	.002	.00010
%RSD	16.665	3.0059	6.0222	.29211	.07332	.01541	.07878
#1	.00155	.00924	.00552	.61235	30.942	12.441	.12710
#2	.00197	.00885	.00601	.60982	30.974	12.444	.12696
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H3160.3	.13212	.00293	.00463	.00407	-.00464	.00581
SDev	.7	.00160	.00328	.00228	.00043	.00468	.00345
%RSD	.02307	1.2073	111.81	49.181	10.570	100.99	59.405
#1	H3160.8	.13324	.00524	.00302	.00376	-.00795	.00825
#2	H3159.8	.13099	.00061	.00625	.00437	-.00133	.00337
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00124	-.00634	.01148	-.00213	.00207	.07363	-.00285
SDev	.00717	.00344	.00039	.00041	.00016	.00030	.00022
%RSD	579.53	54.259	3.3614	19.517	7.8237	.40158	7.8154
#1	-.00631	-.00877	.01175	-.00242	.00219	.07342	-.00301
#2	.00383	-.00390	.01120	-.00183	.00196	.07384	-.00269
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00002	.00914
SDev	.00043	.00017
%RSD	1762.8	1.8719
#1	-.00033	.00926
#2	.00028	.00901
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4536	--	--	--	--	--	--
SDev	20.15254	--	--	--	--	--	--
%RSD	.4443241	--	--	--	--	--	--
#1	4521	--	--	--	--	--	--
#2	4550	--	--	--	--	--	--

Analysis Report 03/28/06 10:32:27 PM page 1

Method: TRACE1 Sample Name: AD613801/PB Operator: SW
Run Time: 03/28/06 22:27:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01114	.00093	.00258	.00013	.00002	.01819	.00016
SDev	.00109	.00009	.00014	.00003	.00001	.00059	.00001
%RSD	9.8096	9.7025	5.3151	24.290	33.741	3.2295	6.8502
#1	.01037	.00087	.00267	.00011	.00002	.01778	.00015
#2	.01192	.00099	.00248	.00015	.00003	.01861	.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	.00002	.00013	.00038	.02435	.00347	.00004
SDev	.00010	.00057	.00003	.00002	.00498	.00261	.00003
%RSD	290.39	2961.3	23.649	5.3334	20.444	75.296	78.347
#1	.00011	-.00038	.00015	.00037	.02787	.00162	.00005
#2	-.00004	.00042	.00011	.00040	.02083	.00531	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08819	-.00002	.00171	.00062	.00098	-.00450	.00006
SDev	.10844	.00012	.00108	.00036	.00012	.00461	.00006
%RSD	122.96	468.22	63.207	57.666	12.324	102.31	92.096
#1	.01151	.00006	.00247	.00037	.00107	-.00776	.00002
#2	.16487	-.00011	.00094	.00087	.00090	-.00125	.00010
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00188	-.00581	-.00007	-.00099	.00063	.00137	-.00113
SDev	.00108	.00745	.00034	.00403	.00000	.00021	.00160
%RSD	57.672	128.17	464.48	405.87	.09035	15.211	141.95
#1	-.00111	-.01108	-.00031	.00186	.00063	.00152	-.00226
#2	-.00265	-.00054	.00016	-.00384	.00063	.00122	.00000
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00009	.00042
SDev	.00010	.00097
%RSD	115.03	231.11
#1	-.00002	-.00027
#2	-.00016	.00111
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5556	--	--	--	--	--	--
SDev	11.13693	--	--	--	--	--	--
%RSD	.2004568	--	--	--	--	--	--
#1	5548	--	--	--	--	--	--
#2	5564	--	--	--	--	--	--

Analysis Report 03/28/06 10:37:24 PM page 1

Method: TRACE1 Sample Name: AD613800/FB Operator: SW
Run Time: 03/28/06 22:32:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.7505	.20082	.18510	.20048	.19631	9.9020	.20093
SDev	.0112	.00144	.00129	.00014	.00032	.0117	.00006
%RSD	.11488	.71679	.69635	.06769	.16075	.11771	.02926
#1	9.7584	.19980	.18601	.20038	.19654	9.9102	.20097
#2	9.7426	.20184	.18419	.20057	.19609	9.8937	.20089
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19840	.19616	.19506	9.8639	9.7863	9.9747	.19633
SDev	.00003	.00109	.00103	.0171	.0285	.0190	.00044
%RSD	.01361	.55510	.52801	.17327	.29164	.19011	.22509
#1	.19838	.19693	.19578	9.8760	9.8065	9.9881	.19664
#2	.19842	.19539	.19433	9.8518	9.7661	9.9613	.19602
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9509	.19840	.20357	.20170	.20232	.19907	.19875
SDev	.0571	.00036	.00310	.00397	.00162	.00472	.00063
%RSD	.57378	.18064	1.5236	1.9705	.79977	2.3718	.31505
#1	9.9105	.19815	.20577	.19889	.20118	.19573	.19831
#2	9.9913	.19865	.20138	.20451	.20347	.20241	.19920
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	11.500	.23000			.23000	.23000	.23000
Low	8.5000	.17000			.17000	.17000	.17000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19987	.19867	.19680	.20453	.19650	.20272	.19999
SDev	.00260	.00578	.00004	.00133	.00029	.00023	.00096
%RSD	1.3031	2.9094	.02206	.64861	.14654	.11146	.47797
#1	.19803	.19459	.19683	.20359	.19670	.20288	.20066
#2	.20172	.20276	.19677	.20547	.19629	.20256	.19931
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.23000	.23000	.23000	.23000	.23000
Low			.17000	.17000	.17000	.17000	.17000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.04965	.19647
SDev	.00011	.00014
%RSD	.22658	.07014
#1	.04957	.19637
#2	.04973	.19657
Errors	LC Pass	NOCHECK
High	.05750	
Low	.04250	

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5576	--	--	--	--	--	--
SDev	11.77360	--	--	--	--	--	--
%RSD	.2111355	--	--	--	--	--	--
#1	5568	--	--	--	--	--	--
#2	5585	--	--	--	--	--	--

Analysis Report 03/28/06 10:42:22 PM page 1

Method: TRACE1 Sample Name: AD613782 Operator: SW
Run Time: 03/28/06 22:37:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07610	.00342	.00931	.04080	.00019	63.580	.00017
SDev	.00303	.00112	.00043	.00019	.00002	.092	.00009
%RSD	3.9779	32.627	4.6145	.46987	10.891	.14453	53.544
#1	.07824	.00420	.00901	.04066	.00021	63.515	.00011
#2	.07396	.00263	.00961	.04094	.00018	63.645	.00024
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00504	.00060	.00036	64.691	1.7987	14.759	1.8656
SDev	.00010	.00056	.00013	.046	.0073	.014	.0033
%RSD	1.9930	92.913	37.520	.07059	.40847	.09505	.17685
#1	.00497	.00021	.00026	64.723	1.7935	14.749	1.8633
#2	.00511	.00100	.00045	64.658	1.8039	14.769	1.8679
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.6782	.00086	.00048	.00125	.00099	.00184	.00174
SDev	.0940	.00009	.00183	.00036	.00037	.00302	.00235
%RSD	1.0833	10.134	384.22	28.482	37.483	163.99	135.05
#1	8.6117	.00092	-.00082	.00150	.00073	-.00029	.00008
#2	8.7446	.00080	.00177	.00100	.00126	.00398	.00340
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00244	.00398	.00206	.00094	.00234	.00258	.00080
SDev	.00221	.00343	.00004	.00248	.00002	.00000	.00053
%RSD	90.602	86.160	2.0222	262.84	.85246	.06224	66.230
#1	-.00400	.00156	.00209	.00270	.00233	.00258	.00118
#2	-.00088	.00641	.00203	-.00081	.00236	.00258	.00043
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00035	.00115
SDev	.00041	.00162
%RSD	116.20	141.36
#1	.00064	.00000
#2	.00006	.00229
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5490	--	--	--	--	--	--
SDev	30.01682	--	--	--	--	--	--
%RSD	.5467619	--	--	--	--	--	--
#1	5511	--	--	--	--	--	--
#2	5469	--	--	--	--	--	--

Analysis Report 03/28/06 10:47:19 PM page 1

Method: TRACE1 Sample Name: AD613783 Operator: SW
Run Time: 03/28/06 22:42:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07429	.00355	.00896	.04044	.00018	62.947	.00032
SDev	.00125	.00198	.00081	.00011	.00001	.016	.00003
%RSD	1.6805	55.583	9.0175	.26103	6.1415	.02572	9.5163
#1	.07517	.00495	.00953	.04052	.00019	62.936	.00034
#2	.07341	.00216	.00839	.04037	.00017	62.959	.00029
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00425	.00118	.00063	64.242	1.8062	14.604	1.8596
SDev	.00013	.00009	.00001	.051	.0005	.006	.0005
%RSD	3.0758	7.7461	1.4417	.07963	.03014	.04008	.02641
#1	.00435	.00125	.00062	64.206	1.8066	14.600	1.8599
#2	.00416	.00112	.00064	64.278	1.8058	14.608	1.8592
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.6698	.00069	.00285	-.00058	.00056	.00246	-.00202
SDev	.0183	.00036	.00157	.00066	.00096	.00308	.00457
%RSD	.21086	52.201	55.043	112.55	171.38	125.08	226.54
#1	8.6827	.00094	.00396	-.00012	.00124	.00028	-.00525
#2	8.6569	.00043	.00174	-.00105	-.00012	.00463	.00121
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00126	.00306	.00186	.00141	.00211	.00279	-.00163
SDev	.00219	.00571	.00018	.00121	.00010	.00032	.00001
%RSD	174.55	186.56	9.5129	85.823	4.8980	11.368	.42825
#1	.00281	-.00098	.00174	.00055	.00204	.00302	-.00163
#2	-.00029	.00710	.00199	.00227	.00219	.00257	-.00162
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00002	.00081
SDev	.00002	.00075
%RSD	157.51	91.871
#1	-.00003	.00028
#2	.00000	.00134
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5437	--	--	--	--	--	--
SDev	42.00207	--	--	--	--	--	--
%RSD	.7725585	--	--	--	--	--	--
#1	5407	--	--	--	--	--	--
#2	5466	--	--	--	--	--	--

Analysis Report 03/28/06 10:52:17 PM page 1

Method: TRACE1 Sample Name: AD613784 Operator: SW
Run Time: 03/28/06 22:47:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41972	.00513	.01033	.01261	.00019	68.997	-.00003
SDev	.00182	.00069	.00003	.00000	.00000	.094	.00002
%RSD	.43298	13.421	.25474	.02576	2.1022	.13571	79.989
#1	.41844	.00464	.01035	.01261	.00018	68.931	-.00004
#2	.42101	.00562	.01031	.01261	.00019	69.064	-.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00981	.00072	.00043	101.11	.43812	20.029	2.0250
SDev	.00027	.00014	.00058	.13	.00720	.014	.0023
%RSD	2.7137	19.756	134.11	.13216	1.6430	.07035	.11518
#1	.00963	.00083	.00084	101.01	.43303	20.019	2.0233
#2	.01000	.00062	.00002	101.20	.44321	20.039	2.0266
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9938	.00119	.00143	.00088	.00107	.00158	.00251
SDev	.1807	.00074	.00247	.00174	.00034	.00271	.00133
%RSD	1.8080	62.169	172.29	197.29	32.043	171.97	53.186
#1	10.122	.00067	.00317	-.00035	.00082	.00350	.00157
#2	9.8661	.00172	-.00031	.00212	.00131	-.00034	.00345
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00372	.00423	.01001	.00383	.00177	.00313	-.00109
SDev	.00462	.00176	.00025	.00036	.00024	.00010	.00018
%RSD	124.22	41.657	2.5242	9.3197	13.759	3.0688	16.535
#1	-.00045	.00547	.00983	.00408	.00160	.00320	-.00122
#2	-.00699	.00298	.01019	.00358	.00195	.00306	-.00096
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00031	.00101
SDev	.00059	.00111
%RSD	192.79	109.94
#1	-.00011	.00023
#2	.00073	.00180
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5566	--	--	--	--	--	--
SDev	8.272942	--	--	--	--	--	--
%RSD	.1486362	--	--	--	--	--	--
#1	5560	--	--	--	--	--	--
#2	5572	--	--	--	--	--	--

Analysis Report 03/28/06 10:57:15 PM page 1

Method: TRACE1 Sample Name: AD613784/L (1:5) Operator: SW
Run Time: 03/28/06 22:52:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10423	.00167	.00216	.00266	.00006	14.074	-.00011
SDev	.00006	.00006	.00017	.00006	.00003	.079	.00019
%RSD	.05500	3.6932	8.1129	2.1156	47.100	.56013	164.36
#1	.10419	.00171	.00203	.00262	.00008	14.130	.00002
#2	.10427	.00162	.00228	.00269	.00004	14.019	-.00024
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00220	.00049	.00008	20.514	.09417	4.0959	.40984
SDev	.00018	.00002	.00062	.129	.00556	.0192	.00231
%RSD	8.1786	4.0844	793.10	.62832	5.9063	.46896	.56293
#1	.00207	.00050	.00052	20.605	.09810	4.1095	.41147
#2	.00232	.00048	-.00036	20.423	.09023	4.0823	.40821
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8945	.00033	.00223	.00076	.00125	-.00076	.00256
SDev	.1523	.00046	.00010	.00060	.00037	.00198	.00025
%RSD	8.0377	139.03	4.4627	79.756	29.682	259.29	9.7121
#1	2.0022	.00066	.00216	.00119	.00151	-.00216	.00273
#2	1.7868	.00001	.00230	.00033	.00099	.00064	.00238
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00106	-.00061	.00232	-.00212	.00049	.00047	-.00030
SDev	.00235	.00414	.00002	.00172	.00025	.00020	.00211
%RSD	221.35	673.35	.72404	81.085	51.565	41.361	703.37
#1	.00060	-.00354	.00231	-.00090	.00067	.00033	-.00179
#2	-.00272	.00231	.00233	-.00333	.00031	.00061	.00119
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00001	.00063
SDev	.00017	.00047
%RSD	3034.2	75.839
#1	-.00011	.00029
#2	.00012	.00096
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5591	--	--	--	--	--	--
SDev	44.33573	--	--	--	--	--	--
%RSD	.7929698	--	--	--	--	--	--
#1	5560	--	--	--	--	--	--
#2	5622	--	--	--	--	--	--

Analysis Report QC Standard 03/28/06 11:03:33 PM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 03/28/06 22:58:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.029	.49472	.46173	.48667	.49710	25.411	.50363
SDev	.121	.00309	.00365	.00257	.00261	.125	.00350
%RSD	.48397	.62360	.79114	.52827	.52561	.49029	.69497
#1	25.115	.49691	.46432	.48849	.49894	25.499	.50610
#2	24.943	.49254	.45915	.48486	.49525	25.322	.50115
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49492	.49564	.51145	24.963	24.709	25.283	.50596
SDev	.00200	.00243	.00291	.120	.164	.150	.00289
%RSD	.40451	.48970	.56929	.48007	.66509	.59413	.57165
#1	.49633	.49736	.51351	25.047	24.825	25.389	.50800
#2	.49350	.49393	.50939	24.878	24.593	25.177	.50391
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.572	.50323	.50385	.49968	.50107	.51338	.50788
SDev	.222	.00317	.00604	.00172	.00316	.00991	.00383
%RSD	.90486	.63016	1.1979	.34511	.63065	1.9302	.75504
#1	24.729	.50547	.50812	.50090	.50330	.52039	.51059
#2	24.415	.50099	.49958	.49846	.49883	.50637	.50517
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51837	.51089	.51056	.51704	.49947	.49095	.52319
SDev	.01597	.00688	.00208	.00328	.00341	.00103	.00412
%RSD	3.0801	1.3468	.40823	.63361	.68317	.20966	.78780
#1	.52966	.51576	.51203	.51936	.50188	.49168	.52610
#2	.50708	.50603	.50908	.51472	.49706	.49022	.52027
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.49303	.49487
SDev	.00229	.00276
%RSD	.46378	.55812
#1	.49465	.49683
#2	.49141	.49292
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5545	--	--	--	--	--	--
SDev	26.62250	--	--	--	--	--	--
%RSD	.4801064	--	--	--	--	--	--
#1	5526	--	--	--	--	--	--
#2	5564	--	--	--	--	--	--

Analysis Report Blank Sample 03/28/06 11:08:31 PM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 03/28/06 23:03:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00728	-.00056	.00163	.00013	.00011	.00339	.00023
SDev	.00035	.00129	.00079	.00006	.00006	.00456	.00036
%RSD	4.7546	229.19	48.146	48.495	50.968	134.54	157.11
#1	.00752	.00035	.00219	.00018	.00007	.00016	.00048
#2	.00703	-.00148	.00108	.00009	.00016	.00662	-.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00067	.00034	-.00036	.01111	.01302	.00613	.00000
SDev	.00009	.00052	.00014	.00463	.01484	.00422	.00003
%RSD	13.649	151.42	39.253	41.689	113.96	68.866	947.90
#1	.00073	.00071	-.00026	.01439	.02351	.00314	-.00002
#2	.00060	-.00002	-.00046	.00783	.00253	.00911	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02804	.00032	-.00091	.00246	.00134	-.00434	.00214
SDev	.01251	.00014	.00224	.00075	.00125	.00225	.00158
%RSD	44.596	42.417	246.51	30.380	93.210	51.811	73.683
#1	-.01920	.00023	-.00250	.00193	.00046	-.00593	.00102
#2	-.03689	.00042	.00068	.00298	.00222	-.00275	.00325
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00423	-.00440	.00014	-.00052	.00063	.00016	.00018
SDev	.00502	.00086	.00052	.00063	.00000	.00073	.00018
%RSD	118.65	19.654	378.79	120.85	.14321	454.53	101.72
#1	-.00778	-.00501	.00051	-.00008	.00063	.00068	.00030
#2	-.00068	-.00379	-.00023	-.00096	.00063	-.00036	.00005
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00016	.00095
SDev	.00070	.00100
%RSD	449.11	104.48
#1	.00065	.00166
#2	-.00034	.00025
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5407	--	--	--	--	--	--
SDev	13.89458	--	--	--	--	--	--
%RSD	.2569680	--	--	--	--	--	--
#1	5417	--	--	--	--	--	--
#2	5397	--	--	--	--	--	--

Analysis Report 03/28/06 11:13:29 PM page 1

Method: TRACE1 Sample Name: AD613784/PS Operator: SW
Run Time: 03/28/06 23:08:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.552	.20880	.20514	.21941	.20195	77.015	.20225
SDev	.011	.00190	.00040	.00026	.00023	.228	.00022
%RSD	.10459	.90990	.19762	.11944	.11437	.29627	.10763
#1	10.544	.20746	.20485	.21923	.20179	76.853	.20210
#2	10.559	.21015	.20542	.21960	.20211	77.176	.20240
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20863	.20274	.21423	108.60	10.998	29.702	2.1695
SDev	.00070	.00099	.00019	.27	.003	.068	.0055
%RSD	.33614	.48917	.08960	.24612	.03032	.22977	.25372
#1	.20813	.20204	.21409	108.41	11.000	29.654	2.1656
#2	.20912	.20345	.21436	108.79	10.995	29.751	2.1734
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.318	.20421	.20142	.20279	.20233	.20927	.20540
SDev	.031	.00127	.00119	.00025	.00056	.00157	.00179
%RSD	.15109	.62093	.58876	.12233	.27694	.74902	.87323
#1	20.340	.20331	.20225	.20297	.20273	.20816	.20667
#2	20.296	.20510	.20058	.20262	.20194	.21038	.20413
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21177	.20802	.21853	.20967	.20480	.19375	.20666
SDev	.00042	.00256	.00172	.00290	.00023	.00013	.00007
%RSD	.19865	1.2314	.78944	1.3824	.11241	.06710	.03347
#1	.21207	.20621	.21731	.20762	.20463	.19366	.20661
#2	.21148	.20983	.21975	.21172	.20496	.19385	.20671
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05216	.20276
SDev	.00024	.00080
%RSD	.46116	.39604
#1	.05233	.20219
#2	.05199	.20333
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5495	--	--	--	--	--	--
SDev	17.50089	--	--	--	--	--	--
%RSD	.3184600	--	--	--	--	--	--
#1	5483	--	--	--	--	--	--
#2	5508	--	--	--	--	--	--

Analysis Report 03/28/06 11:18:27 PM page 1

Method: TRACE1 Sample Name: AD613785/MS Operator: SW
Run Time: 03/28/06 23:13:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.405	.20691	.19658	.21532	.19891	77.737	.20029
SDev	.012	.00140	.00051	.00029	.00027	.061	.00012
%RSD	.11537	.67589	.26117	.13385	.13750	.07793	.06041
#1	10.413	.20790	.19622	.21553	.19911	77.780	.20037
#2	10.396	.20592	.19694	.21512	.19872	77.694	.20020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20919	.19864	.20270	107.53	10.610	29.450	2.2822
SDev	.00023	.00041	.00089	.20	.023	.031	.0026
%RSD	.10819	.20682	.43814	.18343	.21737	.10430	.11593
#1	.20903	.19893	.20333	107.67	10.627	29.472	2.2840
#2	.20935	.19835	.20207	107.39	10.594	29.428	2.2803
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.786	.19905	.20399	.20393	.20395	.20997	.20688
SDev	.100	.00003	.00001	.00224	.00150	.00319	.00446
%RSD	.50742	.01515	.00606	1.0972	.73378	1.5193	2.1556
#1	19.715	.19907	.20400	.20551	.20501	.20772	.20372
#2	19.857	.19903	.20398	.20235	.20289	.21223	.21003
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20247	.21373	.21124	.20310	.20118	.20066	.20338
SDev	.00106	.00426	.00031	.00115	.00057	.00191	.00047
%RSD	.52251	1.9914	.14520	.56614	.28262	.95321	.22868
#1	.20172	.21072	.21146	.20229	.20158	.20201	.20305
#2	.20322	.21674	.21103	.20391	.20078	.19930	.20371
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.04973	.19922
SDev	.00021	.00191
%RSD	.41632	.96092
#1	.04958	.19787
#2	.04988	.20057
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5552	--	--	--	--	--	--
SDev	1.802984	--	--	--	--	--	--
%RSD	.0324726	--	--	--	--	--	--
#1	5551	--	--	--	--	--	--
#2	5554	--	--	--	--	--	--

Analysis Report 03/28/06 11:23:25 PM page 1

Method: TRACE1 Sample Name: AD613786/SD Operator: SW
Run Time: 03/28/06 23:18:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.385	.20937	.19878	.21692	.19831	79.814	.20078
SDev	.000	.00060	.00071	.00024	.00000	.045	.00049
%RSD	.00243	.28601	.35509	.11281	.00213	.05647	.24193
#1	10.385	.20894	.19828	.21675	.19831	79.782	.20044
#2	10.384	.20979	.19928	.21710	.19830	79.846	.20113
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20915	.19815	.20253	110.86	10.686	30.050	2.3215
SDev	.00080	.00015	.00075	.05	.051	.014	.0015
%RSD	.38106	.07695	.36785	.04956	.47505	.04566	.06356
#1	.20971	.19804	.20306	110.90	10.722	30.040	2.3205
#2	.20858	.19826	.20200	110.82	10.650	30.059	2.3226
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.269	.19887	.20266	.20227	.20240	.20870	.20419
SDev	.052	.00033	.00279	.00076	.00042	.00243	.00351
%RSD	.25567	.16556	1.3746	.37354	.20935	1.1631	1.7192
#1	20.305	.19910	.20463	.20173	.20270	.20698	.20171
#2	20.232	.19863	.20069	.20280	.20210	.21041	.20668
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20824	.20893	.21008	.20668	.20183	.19977	.20155
SDev	.00355	.00186	.00015	.00159	.00002	.00144	.00079
%RSD	1.7055	.89281	.07079	.77101	.00768	.72273	.39104
#1	.20573	.20761	.21018	.20555	.20182	.19875	.20211
#2	.21075	.21025	.20997	.20781	.20185	.20079	.20099
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05030	.19873
SDev	.00097	.00027
%RSD	1.9207	.13502
#1	.05098	.19854
#2	.04962	.19892
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5569	--	--	--	--	--	--
SDev	16.86456	--	--	--	--	--	--
%RSD	.3028307	--	--	--	--	--	--
#1	5557	--	--	--	--	--	--
#2	5581	--	--	--	--	--	--

Analysis Report 03/28/06 11:28:22 PM page 1

Method: TRACE1 Sample Name: AD613787 Operator: SW
Run Time: 03/28/06 23:23:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.5075	.00795	.04845	.03991	.00019	15.763	.00027
SDev	.1361	.00024	.00131	.00081	.00002	.032	.00007
%RSD	3.8792	3.0539	2.7000	2.0383	11.375	.20087	26.033
#1	3.6037	.00778	.04937	.04048	.00017	15.741	.00022
#2	3.4113	.00813	.04752	.03933	.00020	15.785	.00031
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00158	.00389	.00422	2.6123	1.5592	7.3583	.06535
SDev	.00013	.00037	.00031	.0165	.0641	.0061	.00000
%RSD	8.3007	9.5928	7.2778	.63353	4.1117	.08271	.00444
#1	.00167	.00415	.00444	2.6240	1.6045	7.3626	.06534
#2	.00149	.00362	.00400	2.6006	1.5138	7.3540	.06535
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	28.463	.00232	.00155	.00196	.00183	-.00243	.00323
SDev	.049	.00080	.00069	.00273	.00159	.00433	.00037
%RSD	.17360	34.559	44.623	139.21	87.218	178.46	11.406
#1	28.498	.00288	.00204	.00003	.00070	-.00549	.00297
#2	28.428	.00175	.00106	.00389	.00295	.00064	.00349
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00078	-.00403	.11473	.00240	.00642	.00887	.00071
SDev	.00386	.00457	.01107	.00516	.00012	.00020	.00014
%RSD	495.30	113.30	9.6494	214.99	1.8700	2.2268	20.302
#1	-.00195	-.00726	.12255	.00605	.00651	.00873	.00061
#2	.00351	-.00080	.10690	-.00125	.00634	.00901	.00081
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00027	.00249
SDev	.00019	.00233
%RSD	72.520	93.627
#1	.00041	.00414
#2	.00013	.00084
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5626	--	--	--	--	--	--
SDev	2.015323	--	--	--	--	--	--
%RSD	.0358199	--	--	--	--	--	--
#1	5625	--	--	--	--	--	--
#2	5628	--	--	--	--	--	--

Analysis Report 03/28/06 11:33:20 PM page 1

Method: TRACE1 Sample Name: AD613788 Operator: SW
Run Time: 03/28/06 23:28:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20633	.00377	.02643	.72068	.00043	197.76	-.00005
SDev	.00174	.00160	.00072	.00223	.00003	.50	.00001
%RSD	.84295	42.460	2.7362	.30962	7.0581	.25200	19.289
#1	.20510	.00491	.02592	.71910	.00041	197.41	-.00005
#2	.20756	.00264	.02694	.72226	.00045	198.11	-.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00130	.00160	.00008	91.626	3.6579	37.675	.47528
SDev	.00034	.00009	.00033	.059	.0227	.089	.00144
%RSD	26.271	5.5069	401.76	.06490	.61989	.23581	.30304
#1	.00106	.00166	.00031	91.584	3.6739	37.612	.47426
#2	.00154	.00154	-.00015	91.668	3.6419	37.738	.47630
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.9987	.00172	.00122	.00124	.00123	.00071	.00169
SDev	.1278	.00014	.00340	.00389	.00146	.00117	.00094
%RSD	1.4205	7.8691	278.61	313.55	118.58	165.57	55.978
#1	9.0891	.00181	.00362	-.00151	.00020	.00153	.00102
#2	8.9083	.00162	-.00118	.00399	.00227	-.00012	.00235
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00327	.00269	.00669	.00167	.00100	.00384	.00072
SDev	.00601	.00125	.00042	.00102	.00053	.00021	.00037
%RSD	183.96	46.427	6.2554	61.171	53.254	5.5949	51.770
#1	.00098	.00181	.00640	.00239	.00062	.00369	.00046
#2	-.00752	.00358	.00699	.00095	.00137	.00399	.00098
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00036	.00095
SDev	.00012	.00089
%RSD	34.277	93.609
#1	.00027	.00157
#2	.00045	.00032
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5437	--	--	--	--	--	--
SDev	27.04684	--	--	--	--	--	--
%RSD	.4975022	--	--	--	--	--	--
#1	5456	--	--	--	--	--	--
#2	5417	--	--	--	--	--	--

Analysis Report 03/28/06 11:38:18 PM page 1

Method: TRACE1 Sample Name: AD613789 Operator: SW
Run Time: 03/28/06 23:33:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07372	-.00048	.03903	.81316	.00041	227.57	.00012
SDev	.00068	.00172	.00007	.00251	.00000	.55	.00008
%RSD	.92802	354.22	.17016	.30903	.88514	.24195	64.292
#1	.07324	.00073	.03899	.81138	.00042	227.18	.00006
#2	.07421	-.00170	.03908	.81493	.00041	227.96	.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00121	.00083	.00037	87.803	3.2256	33.882	.23636
SDev	.00020	.00023	.00014	.146	.0002	.065	.00062
%RSD	16.449	27.743	38.633	.16605	.00648	.19297	.26382
#1	.00135	.00067	.00047	87.700	3.2258	33.836	.23592
#2	.00107	.00099	.00027	87.906	3.2255	33.928	.23680
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.159	.00094	.01680	.01840	.01787	.00190	.00200
SDev	.028	.00044	.00061	.00052	.00014	.00117	.00248
%RSD	.24915	46.512	3.6579	2.8214	.79317	61.345	124.24
#1	11.179	.00063	.01723	.01804	.01777	.00272	.00375
#2	11.139	.00125	.01636	.01877	.01797	.00108	.00024
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00163	.00204	.00153	-.00149	.00049	.00287	-.00023
SDev	.00374	.00362	.00003	.00114	.00039	.00054	.00018
%RSD	229.82	177.46	1.9163	76.508	80.814	18.739	80.391
#1	-.00102	.00460	.00155	-.00068	.00021	.00249	-.00010
#2	.00427	-.00052	.00151	-.00230	.00077	.00325	-.00036
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00037	.00112
SDev	.00003	.00097
%RSD	6.8524	87.038
#1	.00039	.00181
#2	.00036	.00043
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5338	--	--	--	--	--	--
SDev	3.181981	--	--	--	--	--	--
%RSD	.0596128	--	--	--	--	--	--
#1	5340	--	--	--	--	--	--
#2	5336	--	--	--	--	--	--

Analysis Report 03/28/06 11:43:15 PM page 1

Method: TRACE1 Sample Name: AD613790 Operator: SW
Run Time: 03/28/06 23:38:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05177	.00314	.03597	.83345	.00031	204.30	-.00000
SDev	.00298	.00073	.00009	.00188	.00000	.49	.00013
%RSD	5.7542	23.179	.24501	.22610	1.1699	.23784	4337.3
#1	.04966	.00365	.03591	.83212	.00031	203.95	.00009
#2	.05387	.00262	.03604	.83479	.00031	204.64	-.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00107	.00183	-.00031	87.954	2.7401	41.431	.28146
SDev	.00056	.00046	.00053	.216	.0213	.057	.00073
%RSD	51.788	25.172	167.19	.24583	.77755	.13649	.25855
#1	.00068	.00150	-.00069	87.801	2.7552	41.391	.28094
#2	.00147	.00215	.00006	88.107	2.7251	41.471	.28197
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.6113	.00070	.00005	.00204	.00138	.00263	.00228
SDev	.0550	.00055	.00238	.00052	.00114	.00357	.00317
%RSD	.72308	78.183	4557.6	25.481	82.588	135.59	139.01
#1	7.6502	.00108	.00173	.00241	.00219	.00011	.00452
#2	7.5724	.00031	-.00163	.00167	.00057	.00515	.00004
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00549	.00120	.00099	.00252	.00006	.00332	-.00037
SDev	.00128	.00599	.00004	.00055	.00012	.00030	.00108
%RSD	23.254	499.24	3.9302	21.962	191.65	9.1015	295.04
#1	.00640	-.00304	.00102	.00291	-.00002	.00353	-.00113
#2	.00459	.00544	.00096	.00212	.00015	.00310	.00040
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00034	.00094
SDev	.00030	.00169
%RSD	85.982	178.66
#1	.00014	.00214
#2	.00055	-.00025
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5485	--	--	--	--	--	--
SDev	8.485281	--	--	--	--	--	--
%RSD	.1547110	--	--	--	--	--	--
#1	5479	--	--	--	--	--	--
#2	5491	--	--	--	--	--	--

Analysis Report 03/28/06 11:48:13 PM page 1

Method: TRACE1 Sample Name: AD613791 Operator: SW
Run Time: 03/28/06 23:43:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08252	.00324	.03323	.86405	.00043	207.67	.00014
SDev	.00137	.00238	.00017	.00201	.00000	.42	.00013
%RSD	1.6585	73.401	.49972	.23267	.34883	.20034	97.395
#1	.08155	.00156	.03334	.86262	.00043	207.37	.00004
#2	.08349	.00492	.03311	.86547	.00043	207.96	.00023
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00106	.00185	.00084	90.102	3.5787	36.210	.41590
SDev	.00026	.00061	.00026	.226	.0014	.068	.00074
%RSD	24.382	32.747	31.638	.25042	.04043	.18875	.17822
#1	.00088	.00228	.00065	89.943	3.5776	36.161	.41538
#2	.00125	.00142	.00102	90.262	3.5797	36.258	.41643
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.6893	.00096	.05197	.05014	.05075	.00185	.00039
SDev	.1005	.00055	.00035	.00056	.00049	.00164	.00031
%RSD	1.7666	57.138	.68053	1.1075	.96195	88.581	78.352
#1	5.6182	.00057	.05172	.04975	.05040	.00069	.00061
#2	5.7603	.00135	.05222	.05054	.05109	.00301	.00017
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00351	.00102	.00232	.00071	.00057	.00569	-.00098
SDev	.00033	.00229	.00039	.00229	.00038	.00040	.00054
%RSD	9.4938	224.07	16.806	323.95	67.865	7.0989	55.113
#1	.00327	-.00060	.00204	.00233	.00029	.00597	-.00060
#2	.00374	.00264	.00259	-.00091	.00084	.00540	-.00136
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00022	.00209
SDev	.00001	.00001
%RSD	4.5854	.24091
#1	.00023	.00209
#2	.00021	.00210
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5460	--	--	--	--	--	--
SDev	6.788294	--	--	--	--	--	--
%RSD	.1243380	--	--	--	--	--	--
#1	5464	--	--	--	--	--	--
#2	5455	--	--	--	--	--	--

Analysis Report 03/28/06 11:53:11 PM page 1

Method: TRACE1 Sample Name: AD613792 Operator: SW
Run Time: 03/28/06 23:48:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15442	.01941	.02537	.07975	.00025	56.524	-.00037
SDev	.00241	.00087	.00045	.00004	.00000	.037	.00025
%RSD	1.5604	4.4717	1.7796	.05556	.35981	.06593	68.034
#1	.15613	.01879	.02505	.07978	.00025	56.551	-.00019
#2	.15272	.02002	.02569	.07972	.00025	56.498	-.00055
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00530	.00014	.00024	107.48	1.8008	10.676	1.7421
SDev	.00051	.00005	.00042	.05	.0184	.024	.0013
%RSD	9.6582	34.194	171.03	.04333	1.0200	.22519	.07195
#1	.00567	.00010	.00054	107.51	1.8138	10.693	1.7430
#2	.00494	.00017	-.00005	107.44	1.7878	10.659	1.7412
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.3486	.00223	.00075	.00018	.00037	.00343	.00476
SDev	.1854	.00007	.00127	.00128	.00043	.00095	.00267
%RSD	3.4660	3.0762	169.52	724.71	116.87	27.752	56.150
#1	5.4797	.00228	.00165	-.00073	.00006	.00410	.00665
#2	5.2175	.00219	-.00015	.00108	.00067	.00275	.00287
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00171	.00429	.00419	.00082	.00081	.00483	-.00117
SDev	.00184	.00051	.00003	.00223	.00013	.00010	.00106
%RSD	107.29	11.875	.58688	270.98	15.888	2.0386	90.902
#1	.00301	.00464	.00418	.00240	.00090	.00476	-.00192
#2	.00041	.00393	.00421	-.00076	.00072	.00490	-.00042
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00040	.00298
SDev	.00047	.00062
%RSD	117.00	20.778
#1	.00007	.00254
#2	.00073	.00342
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5590	--	--	--	--	--	--
SDev	6.363961	--	--	--	--	--	--
%RSD	.1138353	--	--	--	--	--	--
#1	5586	--	--	--	--	--	--
#2	5595	--	--	--	--	--	--

Analysis Report 03/28/06 11:58:08 PM page 1

Method: TRACE1 Sample Name: AD613793 Operator: SW
Run Time: 03/28/06 23:53:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10709	.00101	.01380	.10100	.00025	92.427	.00005
SDev	.00022	.00031	.00053	.00015	.00002	.008	.00011
%RSD	.20163	30.777	3.8334	.14458	7.2126	.00911	207.98
#1	.10725	.00079	.01417	.10090	.00027	92.433	-.00002
#2	.10694	.00123	.01342	.10111	.00024	92.421	.00013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00449	.00055	-.00003	19.754	.82522	19.419	2.2383
SDev	.00035	.00029	.00000	.001	.01012	.006	.0001
%RSD	7.7756	52.425	.85855	.00752	1.2261	.03077	.00533
#1	.00474	.00075	-.00003	19.755	.83237	19.423	2.2382
#2	.00425	.00034	-.00003	19.753	.81806	19.415	2.2384
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	30.168	.00191	.00294	.00010	.00104	.00137	.00385
SDev	.110	.00010	.00035	.00076	.00062	.00248	.00068
%RSD	.36377	5.3869	11.889	774.06	59.541	181.45	17.523
#1	30.246	.00198	.00269	-.00044	.00060	-.00039	.00433
#2	30.090	.00184	.00319	.00063	.00148	.00313	.00337
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00041	.00185	.00205	-.00290	.00070	.00307	.00162
SDev	.00633	.00056	.00008	.00136	.00051	.00020	.00161
%RSD	1531.8	30.453	3.7324	46.795	73.401	6.6673	99.687
#1	-.00406	.00145	.00199	-.00194	.00106	.00293	.00048
#2	.00489	.00225	.00210	-.00386	.00034	.00322	.00276
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00017	-.00038
SDev	.00008	.00084
%RSD	45.189	222.10
#1	.00023	-.00097
#2	.00012	.00022
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5503	--	--	--	--	--	--
SDev	2.333314	--	--	--	--	--	--
%RSD	.0424038	--	--	--	--	--	--
#1	5501	--	--	--	--	--	--
#2	5504	--	--	--	--	--	--

Analysis Report QC Standard 03/29/06 00:04:26 AM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 03/28/06 23:59:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.929	.48381	.45631	.48607	.49159	25.018	.48689
SDev	.118	.00202	.00170	.00255	.00190	.112	.00160
%RSD	.47356	.41763	.37227	.52516	.38718	.44765	.32776
#1	24.846	.48523	.45511	.48427	.49024	24.939	.48577
#2	25.013	.48238	.45751	.48788	.49293	25.097	.48802
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48655	.48982	.51042	24.567	24.518	24.834	.50030
SDev	.00271	.00277	.00159	.104	.053	.094	.00242
%RSD	.55729	.56504	.31175	.42191	.21456	.37924	.48299
#1	.48464	.48786	.50930	24.493	24.480	24.767	.49859
#2	.48847	.49178	.51155	24.640	24.555	24.900	.50201
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.549	.49061	.49483	.49309	.49367	.49322	.49749
SDev	.135	.00244	.00024	.00526	.00343	.00684	.00077
%RSD	.55015	.49735	.04896	1.0673	.69468	1.3874	.15463
#1	24.454	.48888	.49500	.48937	.49124	.48838	.49694
#2	24.645	.49233	.49466	.49681	.49609	.49806	.49803
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49418	.49274	.50398	.50362	.49408	.48058	.51443
SDev	.00734	.00659	.00161	.00625	.00224	.00040	.00148
%RSD	1.4863	1.3378	.31950	1.2412	.45270	.08368	.28761
#1	.48899	.48808	.50284	.49920	.49250	.48030	.51338
#2	.49938	.49740	.50512	.50804	.49566	.48087	.51548
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.49283	.49067
SDev	.00232	.00329
%RSD	.47019	.66985
#1	.49119	.48834
#2	.49447	.49299
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5435	--	--	--	--	--	--
SDev	17.50089	--	--	--	--	--	--
%RSD	.3219754	--	--	--	--	--	--
#1	5448	--	--	--	--	--	--
#2	5423	--	--	--	--	--	--

Analysis Report Blank Sample 03/29/06 00:09:24 AM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 03/29/06 00:04:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00954	.00033	.00032	.00009	.00010	.00313	.00018
SDev	.00186	.00153	.00045	.00002	.00005	.00025	.00007
%RSD	19.564	463.49	138.86	15.634	56.689	7.9150	36.786
#1	.00822	-.00075	.00001	.00011	.00006	.00330	.00023
#2	.01085	.00142	.00064	.00008	.00013	.00295	.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	.00063	-.00016	.01109	.02445	.00126	.00006
SDev	.00021	.00007	.00023	.00917	.03124	.00230	.00005
%RSD	62.415	10.913	148.13	82.685	127.76	182.72	92.821
#1	.00048	.00058	-.00032	.00461	.04654	.00288	.00009
#2	.00019	.00067	.00001	.01758	.00236	-.00037	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.03894	.00057	.00109	-.00071	-.00011	-.00365	.00478
SDev	.09131	.00093	.00175	.00391	.00202	.00057	.00047
%RSD	234.46	162.99	160.88	552.34	1856.5	15.658	9.8798
#1	.02562	-.00009	.00233	-.00347	-.00154	-.00406	.00511
#2	-.10351	.00123	-.00015	.00205	.00132	-.00325	.00444
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00158	-.00469	.00013	.00083	.00045	-.00029	.00065
SDev	.00035	.00068	.00027	.00006	.00026	.00010	.00052
%RSD	22.410	14.521	216.90	7.3148	57.123	34.364	80.249
#1	-.00183	-.00517	-.00007	.00088	.00063	-.00022	.00102
#2	-.00133	-.00421	.00032	.00079	.00027	-.00036	.00028
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00022	.00170
SDev	.00064	.00117
%RSD	289.73	69.140
#1	-.00068	.00087
#2	.00023	.00252
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5515	--	--	--	--	--	--
SDev	40.30509	--	--	--	--	--	--
%RSD	.7308597	--	--	--	--	--	--
#1	5543	--	--	--	--	--	--
#2	5486	--	--	--	--	--	--

Analysis Report 03/29/06 00:14:22 AM page 1

Method: TRACE1 Sample Name: AD613794 Operator: SW
Run Time: 03/29/06 00:09:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02367	-.00188	.00039	.00026	.00014	.02110	.00011
SDev	.00340	.00070	.00081	.00013	.00004	.00457	.00021
%RSD	14.353	37.572	207.70	47.893	29.150	21.666	188.01
#1	.02127	-.00237	-.00018	.00017	.00011	.01787	-.00004
#2	.02607	-.00138	.00096	.00035	.00017	.02434	.00026
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	.00124	-.00028	.01693	.03345	.00560	.00424
SDev	.00022	.00030	.00006	.00679	.00532	.00378	.00013
%RSD	49.782	24.080	20.584	40.082	15.894	67.505	3.0301
#1	.00028	.00103	-.00024	.01213	.03721	.00293	.00415
#2	.00059	.00145	-.00032	.02173	.02969	.00828	.00433
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.06882	.00001	.00058	.00162	.00127	-.00529	-.00044
SDev	.05684	.00040	.00013	.00097	.00061	.00112	.00307
%RSD	82.591	7565.7	22.675	60.270	47.624	21.183	701.78
#1	-.10901	.00029	.00068	.00093	.00084	-.00608	.00173
#2	-.02863	-.00028	.00049	.00231	.00170	-.00450	-.00260
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00520	-.00533	-.00013	.00194	.00045	.00131	.00115
SDev	.00155	.00246	.00026	.00114	.00026	.00072	.00054
%RSD	29.885	46.103	198.79	58.795	56.738	54.790	46.918
#1	-.00410	-.00707	-.00032	.00113	.00027	.00080	.00153
#2	-.00630	-.00359	.00005	.00274	.00063	.00181	.00077
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00042	.00040
SDev	.00013	.00122
%RSD	29.959	304.28
#1	.00051	-.00046
#2	.00033	.00126
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5528	--	--	--	--	--	--
SDev	9.970275	--	--	--	--	--	--
%RSD	.1803709	--	--	--	--	--	--
#1	5521	--	--	--	--	--	--
#2	5535	--	--	--	--	--	--

Analysis Report 03/29/06 00:19:19 AM page 1

Method: TRACE1 Sample Name: AD613795 Operator: SW
Run Time: 03/29/06 00:14:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.82888	.00103	.03719	.03149	.00021	42.841	.00014
SDev	.01936	.00297	.00049	.00002	.00002	.010	.00003
%RSD	2.3357	288.01	1.3120	.04630	10.397	.02279	24.327
#1	.84257	-.00107	.03754	.03150	.00023	42.848	.00017
#2	.81519	.00313	.03685	.03148	.00020	42.834	.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00243	.00224	.00515	1.5185	6.0244	10.347	.14763
SDev	.00001	.00024	.00019	.0128	.0074	.006	.00011
%RSD	.40533	10.876	3.6495	.84071	.12343	.05684	.07418
#1	.00242	.00241	.00528	1.5276	6.0297	10.352	.14771
#2	.00243	.00206	.00502	1.5095	6.0192	10.343	.14755
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.105	.00630	.00034	.00223	.00160	-.00323	.00128
SDev	.067	.00037	.00113	.00040	.00011	.00002	.00153
%RSD	.65926	5.8817	337.01	17.803	7.0456	.47647	119.46
#1	10.058	.00656	.00114	.00195	.00168	-.00322	.00020
#2	10.152	.00603	-.00047	.00251	.00152	-.00324	.00237
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00187	-.00391	.03087	.00137	.00363	.02286	-.00090
SDev	.00471	.00238	.00101	.00023	.00001	.00027	.00071
%RSD	252.18	60.822	3.2557	16.774	.23696	1.2005	78.821
#1	-.00519	-.00223	.03158	.00121	.00363	.02306	-.00140
#2	.00146	-.00559	.03016	.00153	.00362	.02267	-.00040
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00018	.00192
SDev	.00002	.00065
%RSD	8.9079	34.146
#1	.00019	.00145
#2	.00017	.00238
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5546	--	--	--	--	--	--
SDev	16.33424	--	--	--	--	--	--
%RSD	.2945494	--	--	--	--	--	--
#1	5534	--	--	--	--	--	--
#2	5557	--	--	--	--	--	--

Analysis Report 03/29/06 00:24:17 AM page 1

Method: TRACE1 Sample Name: AD613796 Operator: SW
Run Time: 03/29/06 00:19:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16307	.03834	.06215	2.2389	.00122	H1698.7	.00013
SDev	.00290	.00017	.00085	.0006	.00002	1.8	.00003
%RSD	1.7757	.43393	1.3658	.02625	1.7499	.10741	19.317
#1	.16512	.03846	.06275	2.2393	.00124	H1700.0	.00015
#2	.16102	.03822	.06155	2.2385	.00121	H1697.4	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00919	.00883	-.00100	.17709	70.413	.09402	.00526
SDev	.00033	.00039	.00039	.00199	.055	.00124	.00007
%RSD	3.5988	4.3910	38.560	1.1256	.07808	1.3162	1.3521
#1	.00942	.00910	-.00073	.17850	70.374	.09315	.00531
#2	.00895	.00856	-.00127	.17568	70.452	.09490	.00520
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H402.83	.01980	-.00202	.00049	-.00035	.00854	.00272
SDev	.09	.00032	.00024	.00059	.00047	.00179	.00412
%RSD	.02282	1.5885	11.843	120.25	136.17	20.959	151.50
#1	H402.77	.02003	-.00185	.00091	-.00001	.00980	.00563
#2	H402.90	.01958	-.00219	.00007	-.00068	.00727	-.00019
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00956	.00803	.00317	-.00145	.00092	.01575	.00103
SDev	.00225	.00156	.00003	.00120	.00014	.00058	.00019
%RSD	23.477	19.458	1.0850	83.134	14.729	3.6869	18.851
#1	.01115	.00913	.00314	-.00230	.00101	.01616	.00117
#2	.00798	.00692	.00319	-.00060	.00082	.01534	.00089
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00049	.07070
SDev	.00002	.00030
%RSD	4.0741	.42026
#1	.00048	.07049
#2	.00050	.07091
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5266	--	--	--	--	--	--
SDev	13.25825	--	--	--	--	--	--
%RSD	.2517505	--	--	--	--	--	--
#1	5257	--	--	--	--	--	--
#2	5276	--	--	--	--	--	--

Analysis Report 03/29/06 00:29:15 AM page 1

Method: TRACE1 Sample Name: AD613797 Operator: SW
Run Time: 03/29/06 00:24:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.55164	.00515	.03799	.56944	.00030	269.39	.00018
SDev	.00094	.00214	.00016	.00076	.00003	.15	.00008
%RSD	.16990	41.462	.41139	.13342	9.3156	.05670	44.348
#1	.55098	.00666	.03788	.56890	.00032	269.28	.00013
#2	.55230	.00364	.03810	.56998	.00028	269.49	.00024
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00135	.06896	.00535	.88154	41.972	.62647	.01515
SDev	.00003	.00030	.00020	.00408	.002	.00498	.00015
%RSD	1.8837	.42794	3.7936	.46263	.00567	.79558	.96560
#1	.00133	.06875	.00549	.87866	41.974	.62295	.01526
#2	.00137	.06917	.00520	.88442	41.970	.62999	.01505
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	213.53	.05673	.00630	.00643	.00639	-.00399	.00212
SDev	.09	.00097	.00293	.00056	.00135	.00284	.00056
%RSD	.04159	1.7172	46.557	8.6421	21.086	71.270	26.473
#1	213.59	.05742	.00422	.00604	.00543	-.00198	.00252
#2	213.47	.05604	.00837	.00683	.00734	-.00600	.00172
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00060	-.00629	.01167	-.00056	.00351	.45106	-.00274
SDev	.00829	.00012	.00013	.00096	.00000	.00006	.00108
%RSD	1383.8	1.9317	1.1049	169.49	.05617	.01214	39.490
#1	.00646	-.00620	.01158	-.00124	.00351	.45110	-.00197
#2	-.00526	-.00637	.01176	.00011	.00351	.45102	-.00350
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00022	.16911
SDev	.00016	.00020
%RSD	70.246	.12075
#1	.00034	.16925
#2	.00011	.16896
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5481	--	--	--	--	--	--
SDev	3.181981	--	--	--	--	--	--
%RSD	.0580595	--	--	--	--	--	--
#1	5478	--	--	--	--	--	--
#2	5483	--	--	--	--	--	--

Analysis Report 03/29/06 00:34:13 AM page 1

Method: TRACE1 Sample Name: AD613798 Operator: SW
Run Time: 03/29/06 00:29:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19026	.05561	.03281	.86336	.00077	823.91	.00022
SDev	.00320	.00251	.00006	.00547	.00007	6.51	.00003
%RSD	1.6841	4.5180	.18623	.63397	9.0223	.79020	12.747
#1	.19253	.05383	.03285	.86723	.00082	828.51	.00020
#2	.18799	.05738	.03277	.85949	.00072	819.31	.00024
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01624	.04387	.08362	.57813	102.81	.45008	.01147
SDev	.00018	.00073	.00028	.00534	.18	.00036	.00001
%RSD	1.1281	1.6581	.33287	.92306	.17543	.08068	.10463
#1	.01637	.04438	.08381	.58191	102.94	.44983	.01146
#2	.01611	.04335	.08342	.57436	102.68	.45034	.01148
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H718.40	.04121	.03057	.03362	.03260	.00183	-.00293
SDev	1.76	.00016	.00106	.00218	.00180	.00339	.00102
%RSD	.24447	.38833	3.4682	6.4709	5.5335	184.82	34.684
#1	H719.64	.04109	.03132	.03516	.03388	.00423	-.00221
#2	H717.16	.04132	.02982	.03208	.03133	-.00056	-.00365
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00217	.00383	.00588	-.00040	.00188	4.3701	.00096
SDev	.00519	.00249	.00027	.00017	.00040	.0330	.00040
%RSD	239.39	64.968	4.5212	42.449	21.317	.75572	41.549
#1	.00150	.00560	.00569	-.00052	.00160	4.3935	.00124
#2	-.00583	.00207	.00607	-.00028	.00217	4.3468	.00068
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00005	.15782
SDev	.00066	.00227
%RSD	1234.4	1.4369
#1	-.00041	.15942
#2	.00052	.15621
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5144	--	--	--	--	--	--
SDev	33.41080	--	--	--	--	--	--
%RSD	.6495447	--	--	--	--	--	--
#1	5120	--	--	--	--	--	--
#2	5167	--	--	--	--	--	--

Analysis Report 03/29/06 00:39:12 AM page 1

Method: TRACE1 Sample Name: AD613799 Operator: SW
Run Time: 03/29/06 00:34:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.79858	.02763	.09369	2.3829	.00138	H1684.0	.00025
SDev	.00308	.00276	.00021	.0015	.00001	2.1	.00001
%RSD	.38599	10.003	.22601	.06278	.54445	.12434	5.2488
#1	.79640	.02568	.09354	2.3818	.00138	H1682.5	.00026
#2	.80075	.02958	.09384	2.3839	.00137	H1685.4	.00024
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01132	.08772	.00986	13.320	61.351	6.6006	.11949
SDev	.00022	.00366	.00031	.018	.174	.0025	.00006
%RSD	1.9323	4.1780	3.1594	.13314	.28298	.03803	.04873
#1	.01148	.08513	.01008	13.308	61.473	6.5988	.11945
#2	.01117	.09031	.00964	13.333	61.228	6.6024	.11953
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	383.32	.01555	.01455	.01709	.01624	.00598	.00279
SDev	.44	.00013	.00124	.00032	.00020	.00334	.00080
%RSD	.11515	.81256	8.5339	1.8809	1.2248	55.906	28.839
#1	383.63	.01564	.01367	.01732	.01610	.00362	.00222
#2	383.00	.01546	.01542	.01686	.01638	.00835	.00336
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01012	.00392	.03030	.00035	.00302	9.2891	-.00033
SDev	.00525	.00239	.00051	.00022	.00026	.0112	.00135
%RSD	51.925	61.049	1.6837	63.445	8.7033	.12077	402.50
#1	.00640	.00223	.02994	.00019	.00284	9.2812	-.00129
#2	.01383	.00561	.03067	.00051	.00321	9.2970	.00062
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00017	.12932
SDev	.00040	.00114
%RSD	240.60	.88022
#1	-.00045	.12851
#2	.00012	.13012
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5130	--	--	--	--	--	--
SDev	18.98589	--	--	--	--	--	--
%RSD	.3700790	--	--	--	--	--	--
#1	5117	--	--	--	--	--	--
#2	5144	--	--	--	--	--	--

Analysis Report QC Standard 03/29/06 00:45:30 AM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 03/29/06 00:40:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.910	.49059	.46123	.48627	.49259	25.186	.50058
SDev	.104	.00044	.00158	.00222	.00248	.135	.00289
%RSD	.41729	.08935	.34258	.45698	.50290	.53679	.57663
#1	24.837	.49090	.46011	.48470	.49084	25.090	.49854
#2	24.984	.49028	.46234	.48785	.49434	25.281	.50262
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49218	.49222	.50861	24.824	24.650	25.107	.50287
SDev	.00239	.00264	.00194	.111	.081	.111	.00285
%RSD	.48557	.53659	.38070	.44619	.32684	.44253	.56631
#1	.49049	.49035	.50724	24.746	24.593	25.029	.50086
#2	.49387	.49408	.50998	24.903	24.707	25.186	.50488
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.604	.49687	.50215	.49717	.49883	.50884	.50639
SDev	.043	.00319	.00165	.00244	.00218	.00650	.00043
%RSD	.17584	.64221	.32931	.49064	.43656	1.2779	.08451
#1	24.635	.49461	.50098	.49545	.49729	.50424	.50609
#2	24.573	.49912	.50332	.49890	.50037	.51344	.50669
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50684	.50985	.50767	.51855	.49652	.48648	.51802
SDev	.00984	.00483	.00247	.00845	.00293	.00310	.00117
%RSD	1.9412	.94826	.48692	1.6293	.58978	.63748	.22513
#1	.49989	.50643	.50593	.51258	.49444	.48428	.51719
#2	.51380	.51326	.50942	.52453	.49859	.48867	.51884
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.49046	.49422
SDev	.00223	.00110
%RSD	.45399	.22326
#1	.48889	.49344
#2	.49204	.49500
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5549	--	--	--	--	--	--
SDev	14.31891	--	--	--	--	--	--
%RSD	.2580437	--	--	--	--	--	--
#1	5559	--	--	--	--	--	--
#2	5539	--	--	--	--	--	--

Analysis Report Blank Sample 03/29/06 00:50:29 AM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 03/29/06 00:45:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01588	.00087	.00119	.00018	.00015	.02360	.00011
SDev	.00144	.00081	.00066	.00005	.00001	.00182	.00005
%RSD	9.0387	92.203	55.326	25.715	5.8422	7.7212	47.943
#1	.01689	.00030	.00072	.00015	.00016	.02489	.00015
#2	.01487	.00144	.00165	.00021	.00014	.02231	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00045	.00027	-.00049	.00938	.03328	.00639	.00013
SDev	.00015	.00011	.00011	.01415	.00229	.00345	.00005
%RSD	33.229	40.046	22.360	150.80	6.8740	54.024	42.381
#1	.00035	.00019	-.00042	-.00062	.03166	.00395	.00009
#2	.00056	.00035	-.00057	.01939	.03490	.00882	.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.15786	-.00017	.00093	-.00064	-.00012	-.00449	.00149
SDev	.00313	.00002	.00089	.00037	.00005	.00125	.00012
%RSD	1.9797	9.4525	96.251	57.557	44.037	27.790	8.2131
#1	-.16007	-.00016	.00156	-.00090	-.00008	-.00360	.00157
#2	-.15565	-.00019	.00030	-.00038	-.00015	-.00537	.00140
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00212	-.00567	-.00018	.00229	.00054	.00013	.00123
SDev	.00037	.00206	.00010	.00198	.00013	.00010	.00035
%RSD	17.430	36.255	57.425	86.533	23.221	77.602	28.572
#1	-.00238	-.00422	-.00025	.00089	.00045	.00006	.00148
#2	-.00186	-.00712	-.00011	.00369	.00063	.00020	.00098
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00006	-.00061
SDev	.00006	.00027
%RSD	100.81	44.985
#1	-.00002	-.00081
#2	-.00010	-.00042
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5623	--	--	--	--	--	--
SDev	.8486662	--	--	--	--	--	--
%RSD	.0150918	--	--	--	--	--	--
#1	5623	--	--	--	--	--	--
#2	5624	--	--	--	--	--	--

Analysis Report QC Standard 03/29/06 00:56:47 AM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 03/29/06 00:51:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.629	.48429	.45596	.48160	.48586	24.925	.49639
SDev	.090	.00032	.00009	.00207	.00154	.079	.00079
%RSD	.36591	.06538	.01955	.43069	.31779	.31505	.15852
#1	24.565	.48452	.45590	.48013	.48476	24.870	.49583
#2	24.692	.48407	.45603	.48306	.48695	24.981	.49694
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48566	.48550	.50189	24.532	24.420	24.800	.49656
SDev	.00138	.00049	.00206	.056	.024	.075	.00176
%RSD	.28393	.10186	.41116	.22919	.09637	.30231	.35527
#1	.48469	.48515	.50043	24.492	24.437	24.747	.49531
#2	.48664	.48585	.50335	24.572	24.404	24.853	.49780
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.224	.49300	.49401	.49160	.49240	.50216	.50458
SDev	.001	.00172	.00289	.00411	.00178	.00606	.00011
%RSD	.00279	.34986	.58570	.83687	.36160	1.2063	.02163
#1	24.224	.49178	.49605	.48869	.49114	.49787	.50465
#2	24.223	.49422	.49196	.49451	.49366	.50644	.50450
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50007	.50321	.50195	.51234	.49184	.48178	.51324
SDev	.00402	.00708	.00131	.00477	.00162	.00081	.00384
%RSD	.80312	1.4067	.26066	.93070	.32906	.16795	.74888
#1	.49723	.49820	.50103	.50897	.49069	.48121	.51052
#2	.50291	.50821	.50288	.51571	.49298	.48235	.51596
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.48445	.48743
SDev	.00163	.00051
%RSD	.33712	.10404
#1	.48330	.48779
#2	.48561	.48707
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5594	--	--	--	--	--	--
SDev	34.15312	--	--	--	--	--	--
%RSD	.6105531	--	--	--	--	--	--
#1	5618	--	--	--	--	--	--
#2	5570	--	--	--	--	--	--

Analysis Report Blank Sample 03/29/06 01:01:46 AM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 03/29/06 00:56:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01332	-.00001	.00205	.00024	.00013	.03056	.00035
SDev	.00273	.00090	.00094	.00006	.00003	.00113	.00024
%RSD	20.489	13338.	45.822	26.023	25.074	3.7015	68.328
#1	.01525	.00063	.00272	.00029	.00016	.02976	.00052
#2	.01139	-.00064	.00139	.00020	.00011	.03136	.00018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00055	-.00002	-.00037	.01650	.01480	.00598	.00012
SDev	.00055	.00010	.00014	.01221	.01058	.00239	.00008
%RSD	98.728	393.75	38.182	74.024	71.471	39.912	70.390
#1	.00094	-.00009	-.00027	.02513	.02228	.00430	.00006
#2	.00017	.00004	-.00047	.00786	.00732	.00767	.00018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.18248	-.00002	-.00238	.00163	.00029	-.00015	.00222
SDev	.06093	.00026	.00251	.00127	.00001	.00128	.00304
%RSD	33.388	1205.7	105.36	77.654	2.7697	857.10	136.83
#1	-.13940	.00016	-.00416	.00252	.00030	.00075	.00437
#2	-.22556	-.00021	-.00061	.00073	.00029	-.00105	.00007
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00496	.00226	.00001	-.00082	.00045	.00001	.00144
SDev	.00507	.00445	.00022	.00068	.00026	.00010	.00236
%RSD	102.37	197.35	2721.1	82.719	57.392	1504.5	163.53
#1	-.00855	.00540	.00017	-.00034	.00063	.00008	-.00023
#2	-.00137	-.00089	-.00015	-.00130	.00027	-.00007	.00311
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00049	.00141
SDev	.00038	.00103
%RSD	78.337	72.728
#1	.00076	.00069
#2	.00022	.00214
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5463	--	--	--	--	--	--
SDev	9.863933	--	--	--	--	--	--
%RSD	.1805465	--	--	--	--	--	--
#1	5470	--	--	--	--	--	--
#2	5456	--	--	--	--	--	--

Analysis Report 03/31/06 07:04:16 AM page 1

STL Buffalo Analyst: AK/JP Date: 3/31/06 Secondary Review: JP Date: 3/31/06
Spikes: 5-MDL-18, 1-MDL-5, 6-138-E, 6-090-F, 2-MDL-17
Pippettes: 02-10-06-(1-12), 03-17-06-(13)

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	STD BLK 7-015-A	A033006	TRACE2	03/30/06	09:41		X	IR
2	STD 1 7-019-C	A033006	TRACE2	03/30/06	09:46		X	IR
3	STD 2 7-019-D	A033006	TRACE2	03/30/06	09:51		X	IR
4	STD 3 7-019-B	A033006	TRACE2	03/30/06	09:55		X	IR
5	STD 3 VER ↓	A033006	TRACE2	03/30/06	10:00	SW	B	CONC
6	ICV 7-019-E	A033006	TRACE2	03/30/06	10:08	SW	Q	CONC
7	ICB 7-015-A	A033006	TRACE2	03/30/06	10:13	SW	B	CONC
8	CRI 7-022-A	A033006	TRACE2	03/30/06	10:18	SW	B	CONC
9	ICSA 7-018-B	A033006	TRACE2	03/30/06	10:23	SW	Q	CONC
10	ICSAB 7-012-C	A033006	TRACE2	03/30/06	10:28	SW	Q	CONC
11	CCV 7-021-F	A033006	TRACE2	03/30/06	10:34	SW	Q	CONC
12	CCB 7-015-A	A033006	TRACE2	03/30/06	10:39	SW	B	CONC
13	AD613941/MD 3110	A033006	TRACE2	03/30/06	10:44	SW	S	CONC
14	AD613942/MS	A033006	TRACE2	03/30/06	10:48	SW	S	CONC
15	AD613943	A033006	TRACE2	03/30/06	10:53	SW	S	CONC
16	AD613943/L (1:5)	A033006	TRACE2	03/30/06	10:58	SW	S	CONC
17	AD613943/PS	A033006	TRACE2	03/30/06	11:03	SW	S	CONC
18	AD613944/MD	A033006	TRACE2	03/30/06	11:08	SW	S	CONC
19	AD613945/MS	A033006	TRACE2	03/30/06	11:13	SW	S	CONC
20	AD613946	A033006	TRACE2	03/30/06	11:17	SW	S	CONC
21	AD613947 3156	A033006	TRACE2	03/30/06	11:22	SW	S	CONC
22	AD613948	A033006	TRACE2	03/30/06	11:27	SW	S	CONC
23	CCV	A033006	TRACE2	03/30/06	11:33	SW	Q	CONC
24	CCB	A033006	TRACE2	03/30/06	11:38	SW	B	CONC
25	AD613949	A033006	TRACE2	03/30/06	11:43	SW	S	CONC
26	AD613801/PB	A033006	TRACE2	03/30/06	11:48	SW	S	CONC
27	AD613800/FB	A033006	TRACE2	03/30/06	11:53	SW	S	CONC
28	AD613782 3047	A033006	TRACE2	03/30/06	11:57	SW	S	CONC
29	AD613783	A033006	TRACE2	03/30/06	12:02	SW	S	CONC
30	AD613784	A033006	TRACE2	03/30/06	12:07	SW	S	CONC
31	AD613784/L (1:5)	A033006	TRACE2	03/30/06	12:17	SW	S	CONC
32	CRI	A033006	TRACE2	03/30/06	12:23	SW	B	CONC
33	ICSA	A033006	TRACE2	03/30/06	12:28	SW	Q	CONC
34	ICSAB	A033006	TRACE2	03/30/06	12:33	SW	Q	CONC
35	CCV	A033006	TRACE2	03/30/06	12:39	SW	Q	CONC
36	CCB	A033006	TRACE2	03/30/06	12:44	SW	B	CONC
37	AD613784/PS	A033006	TRACE2	03/30/06	12:49	SW	S	CONC
38	AD613785/MS	A033006	TRACE2	03/30/06	12:53	SW	S	CONC
39	AD613786/SD	A033006	TRACE2	03/30/06	12:58	SW	S	CONC
40	AD613787	A033006	TRACE2	03/30/06	13:03	SW	S	CONC
41	AD613788	A033006	TRACE2	03/30/06	13:08	SW	S	CONC
42	AD613789	A033006	TRACE2	03/30/06	13:13	SW	S	CONC
43	AD613790	A033006	TRACE2	03/30/06	13:18	SW	S	CONC
44	AD613791	A033006	TRACE2	03/30/06	13:22	SW	S	CONC
45	AD613792	A033006	TRACE2	03/30/06	13:27	SW	S	CONC
46	AD613793	A033006	TRACE2	03/30/06	13:32	SW	S	CONC
47	CCV	A033006	TRACE2	03/30/06	13:38	SW	Q	CONC
48	CCB	A033006	TRACE2	03/30/06	13:43	SW	B	CONC
49	AD613794 3054	A033006	TRACE2	03/30/06	13:48	SW	S	CONC
50	AD613795	A033006	TRACE2	03/30/06	13:53	SW	S	CONC

Analysis Report Summary 03/31/06 07:04:16 AM page 2

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
51	AD613796 3092	A033006	TRACE2	03/30/06	13:58	SW	S	CONC
52	AD613797	A033006	TRACE2	03/30/06	14:02	SW	S	CONC
53	AD613798	A033006	TRACE2	03/30/06	14:07	SW	S	CONC
54	AD613799	A033006	TRACE2	03/30/06	14:12	SW	S	CONC
55	AD613796/(1:5)	A033006	TRACE2	03/30/06	14:17	SW	S	CONC
56	AD613798/(1:5)	A033006	TRACE2	03/30/06	14:22	SW	S	CONC
57	AD613799/(1:5)	A033006	TRACE2	03/30/06	14:27	SW	S	CONC
58	AD613861/PB	A033006	TRACE2	03/30/06	14:31	SW	S	CONC
59	CCV	A033006	TRACE2	03/30/06	14:38	SW	Q	CONC
60	CCB	A033006	TRACE2	03/30/06	14:42	SW	B	CONC
61	AD613842 3003	A033006	TRACE2	03/30/06	14:50	SW	S	CONC
62	AD613843	A033006	TRACE2	03/30/06	14:55	SW	S	CONC
63	AD613844	A033006	TRACE2	03/30/06	15:00	SW	S	CONC
64	AD613845	A033006	TRACE2	03/30/06	15:04	SW	S	CONC
65	AD613846	A033006	TRACE2	03/30/06	15:09	SW	S	CONC
66	AD613847	A033006	TRACE2	03/30/06	15:14	SW	S	CONC
67	AD613848	A033006	TRACE2	03/30/06	15:19	SW	S	CONC
68	AD613849	A033006	TRACE2	03/30/06	15:24	SW	S	CONC
69	AD613850	A033006	TRACE2	03/30/06	15:29	SW	S	CONC
70	CCV	A033006	TRACE2	03/30/06	15:35	SW	Q	CONC
71	CCB	A033006	TRACE2	03/30/06	15:40	SW	B	CONC
72	AD613851	A033006	TRACE2	03/30/06	15:44	SW	S	CONC
73	AD613852	A033006	TRACE2	03/30/06	15:49	SW	S	CONC
74	AD613853	A033006	TRACE2	03/30/06	15:54	SW	S	CONC
75	AD613854	A033006	TRACE2	03/30/06	15:59	SW	S	CONC
76	AD613855	A033006	TRACE2	03/30/06	16:04	SW	S	CONC
77	AD613849/(1:5)	A033006	TRACE2	03/30/06	16:09	SW	S	CONC
78	AD613851/(1:5)	A033006	TRACE2	03/30/06	16:13	SW	S	CONC
79	AD613853/(1:5)	A033006	TRACE2	03/30/06	16:18	SW	S	CONC
80	AD613898 3152	A033006	TRACE2	03/30/06	16:23	SW	S	CONC
81	AD613899	A033006	TRACE2	03/30/06	16:28	SW	S	CONC
82	CCV	A033006	TRACE2	03/30/06	16:34	SW	Q	CONC
83	CCB	A033006	TRACE2	03/30/06	16:39	SW	B	CONC
84	STD BLK	A033006	TRACE2	03/30/06	16:49		X	IR
85	STD 1	A033006	TRACE2	03/30/06	16:55		X	IR
86	STD 2	A033006	TRACE2	03/30/06	16:59		X	IR
87	STD 3	A033006	TRACE2	03/30/06	17:03		X	IR
88	STD 3 VER	A033006	TRACE2	03/30/06	17:08	SW	B	CONC
89	ICV	A033006	TRACE2	03/30/06	17:13	SW	Q	CONC
90	ICB	A033006	TRACE2	03/30/06	17:18	SW	B	CONC
91	CRI	A033006	TRACE2	03/30/06	17:23	SW	B	CONC
92	ICSA	A033006	TRACE2	03/30/06	17:28	SW	Q	CONC
93	ICSAB	A033006	TRACE2	03/30/06	17:33	SW	Q	CONC
94	CCV	A033006	TRACE2	03/30/06	17:39	SW	Q	CONC
95	CCB	A033006	TRACE2	03/30/06	17:44	SW	B	CONC
96	AD613841/PB	A033006	TRACE2	03/30/06	17:48	SW	S	CONC
97	AD613840/FB	A033006	TRACE2	03/30/06	17:53	SW	S	CONC
98	AD613822/(1:10) 3112	A033006	TRACE2	03/30/06	17:58	SW	S	CONC
99	AD613829/(1:5)	A033006	TRACE2	03/30/06	18:03	SW	S	CONC
100	AD613833/(1:10)	A033006	TRACE2	03/30/06	18:08	SW	S	CONC
101	AD613881/PB	A033006	TRACE2	03/30/06	18:13	SW	S	CONC
102	AD613880/FB	A033006	TRACE2	03/30/06	18:17	SW	S	CONC
103	AD613865 3145	A033006	TRACE2	03/30/06	18:22	SW	S	CONC
104	AD613866	A033006	TRACE2	03/30/06	18:27	SW	S	CONC

Analysis Report Summary 03/31/06 07:04:16 AM page 3

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
105	AD613867 3145	A033006	TRACE2	03/30/06	18:32	SW	S	CONC
106	CCV	A033006	TRACE2	03/30/06	18:38	SW	Q	CONC
107	CCB	A033006	TRACE2	03/30/06	18:43	SW	B	CONC
108	AD613868	A033006	TRACE2	03/30/06	18:48	SW	S	CONC
109	AD613869	A033006	TRACE2	03/30/06	18:53	SW	S	CONC
110	AD613869/L (1:5)	A033006	TRACE2	03/30/06	18:58	SW	S	CONC
111	AD613869/PS	A033006	TRACE2	03/30/06	19:02	SW	S	CONC
112	AD613870/MS	A033006	TRACE2	03/30/06	19:07	SW	S	CONC
113	AD613871/SD	A033006	TRACE2	03/30/06	19:12	SW	S	CONC
114	AD613872	A033006	TRACE2	03/30/06	19:17	SW	S	CONC
115	AD613873	A033006	TRACE2	03/30/06	19:22	SW	S	CONC
116	AD613874	A033006	TRACE2	03/30/06	19:27	SW	S	CONC
117	AD613875	A033006	TRACE2	03/30/06	19:32	SW	S	CONC
118	CCV	A033006	TRACE2	03/30/06	19:38	SW	Q	CONC
119	CCB	A033006	TRACE2	03/30/06	19:43	SW	B	CONC
120	AD613876	A033006	TRACE2	03/30/06	19:47	SW	S	CONC
121	AD613877	A033006	TRACE2	03/30/06	19:52	SW	S	CONC
122	AD613878	A033006	TRACE2	03/30/06	19:57	SW	S	CONC
123	AD613879 3149	A033006	TRACE2	03/30/06	20:02	SW	S	CONC
124	AD613862 3087	A033006	TRACE2	03/30/06	20:07	SW	S	CONC
125	AD613863	A033006	TRACE2	03/30/06	20:12	SW	S	CONC
126	AD613864	A033006	TRACE2	03/30/06	20:17	SW	S	CONC
127	AD613990/PB	A033006	TRACE2	03/30/06	20:21	SW	S	CONC
128	AD613898/FB	A033006	TRACE2	03/30/06	20:26	SW	S	CONC
129	AD613986 2975	A033006	TRACE2	03/30/06	20:31	SW	S	CONC
130	CCV	A033006	TRACE2	03/30/06	20:37	SW	Q	CONC
131	CCB	A033006	TRACE2	03/30/06	20:42	SW	B	CONC
132	AD613986/L (1:5)	A033006	TRACE2	03/30/06	20:47	SW	S	CONC
133	AD613986/PS	A033006	TRACE2	03/30/06	20:52	SW	S	CONC
134	AD613987/MS	A033006	TRACE2	03/30/06	20:57	SW	S	CONC
135	AD613988/SD	A033006	TRACE2	03/30/06	21:02	SW	S	CONC
136	CRI	A033006	TRACE2	03/30/06	21:08	SW	B	CONC
137	ICSA	A033006	TRACE2	03/30/06	21:13	SW	Q	CONC
138	ICSAB	A033006	TRACE2	03/30/06	21:18	SW	Q	CONC
139	CCV	A033006	TRACE2	03/30/06	21:24	SW	Q	CONC
140	CCB	A033006	TRACE2	03/30/06	21:29	SW	B	CONC

Curvefit Fit Status Summary 01/12/06 03:41:11 PM

Method: TRACE2
Mode: Concentration
Standards Table: NAKCAMG
Data File: BJAN1206

Element	Wavelength	Date-of-Fit	Type-of-Fit	Correlation
Ca3179	317.933	01/12/06 03:36	Full Fit	.999981
K_7664	766.491	01/12/06 03:36	Full Fit	.999890
Mg2790	279.078	01/12/06 03:37	Full Fit	.999973
Na3302	330.232	01/12/06 03:37	Full Fit	.999769

Calibration Report 01/12/06 03:09:02 PM page 1

Method: TRACE2 Standard Name: STD BLK Operator:
Run Time: 01/12/06 15:06:01
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	.0187368	-.013323	.0131973	.0092251
SDev	.0000522	.014416	.0025729	.0009780
%RSD	.2785264	108.2074	19.49542	10.60165
#1	.0187737	-.003129	.0113780	.0085335
#2	.0186999	-.023517	.0150166	.0099166
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3522	--	--	--	--	--	--
SDev	9.811107	--	--	--	--	--	--
%RSD	.2785278	--	--	--	--	--	--
#1	3516	--	--	--	--	--	--
#2	3529	--	--	--	--	--	--

Calibration Report

01/12/06 03:12:37 PM

Method: TRACE2 Standard Name: STD 1
Run Time: 01/12/06 15:09:37 Operator:
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	4.139975	7.338139	8.180307	.3290854
SDev	.014799	.039449	.028677	.0063283
%RSD	.3574726	.5375855	.3505662	1.923005
#1	4.150439	7.366034	8.200585	.3246106
#2	4.129510	7.310245	8.160029	.3335602
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3533	--	--	--	--	--	--
SDev	9.917276	--	--	--	--	--	--
%RSD	.2807349	--	--	--	--	--	--
#1	3540	--	--	--	--	--	--
#2	3526	--	--	--	--	--	--

Calibration Report 01/12/06 03:16:42 PM

Method: TRACE2 Standard Name: STD 2 Operator:
Run Time: 01/12/06 15:13:42
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	20.09482	33.58319	40.76353	1.591690
SDev	.02826	.08707	.03667	.011993
%RSD	.1406230	.2592807	.0899606	.7534580
#1	20.07484	33.64476	40.73760	1.600170
#2	20.11480	33.52162	40.78946	1.583210
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3509	--	--	--	--	--	--
SDev	16.65240	--	--	--	--	--	--
%RSD	.4745490	--	--	--	--	--	--
#1	3521	--	--	--	--	--	--
#2	3497	--	--	--	--	--	--

Calibration Report 01/12/06 03:20:30 PM

Method: TRACE2 Standard Name: STD 3 Operator:
Run Time: 01/12/06 15:17:30
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	40.33597	67.84751	83.22988	3.438724
SDev	.01648	.04579	.02288	.001151
%RSD	.0408663	.0674911	.0274958	.0334603
#1	40.32431	67.87989	83.21370	3.439537
#2	40.34763	67.81513	83.24606	3.437910
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3465	--	--	--	--	--	--
SDev	2.598652	--	--	--	--	--	--
%RSD	.0750077	--	--	--	--	--	--
#1	3463	--	--	--	--	--	--
#2	3466	--	--	--	--	--	--

Calibration Report 01/12/06 03:24:29 PM

Method: TRACE2 Standard Name: NAKCAMG100 Operator:
Run Time: 01/12/06 15:21:30
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	78.86287	127.0746	167.8150	7.177074
SDev	.04026	.3672	.0498	.016800
%RSD	.0510524	.2889405	.0296912	.2340797
#1	78.89134	126.8149	167.8502	7.165195
#2	78.83440	127.3342	167.7798	7.188953
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3426	--	--	--	--	--	--
SDev	4.295639	--	--	--	--	--	--
%RSD	.1253794	--	--	--	--	--	--
#1	3423	--	--	--	--	--	--
#2	3429	--	--	--	--	--	--

Calibration Report 01/12/06 03:28:33 PM

Method: TRACE2 Standard Name: NAKCAMG400 Operator:
Run Time: 01/12/06 15:25:33
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	287.0898	413.3951	689.8328	32.30347
SDev	.8149	.4500	1.6912	.07109
%RSD	.2838392	.1088577	.2451552	.2200606
#1	287.6660	413.7133	691.0286	32.35374
#2	286.5136	413.0769	688.6370	32.25321
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3251	--	--	--	--	--	--
SDev	8.379285	--	--	--	--	--	--
%RSD	.2577726	--	--	--	--	--	--
#1	3245	--	--	--	--	--	--
#2	3257	--	--	--	--	--	--

Analysis Report Summary 03/31/06 07:04:34 AM page 1

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	AD613782	A033006	TRACE2	03/30/06	11:57	SW	S	CONC
2	AD613783	A033006	TRACE2	03/30/06	12:02	SW	S	CONC
3	AD613784	A033006	TRACE2	03/30/06	12:07	SW	S	CONC
4	AD613784/L (1:5)	A033006	TRACE2	03/30/06	12:17	SW	S	CONC
5	AD613784/PS	A033006	TRACE2	03/30/06	12:49	SW	S	CONC
6	AD613785/MS	A033006	TRACE2	03/30/06	12:53	SW	S	CONC
7	AD613786/SD	A033006	TRACE2	03/30/06	12:58	SW	S	CONC
8	AD613787	A033006	TRACE2	03/30/06	13:03	SW	S	CONC
9	AD613788	A033006	TRACE2	03/30/06	13:08	SW	S	CONC
10	AD613789	A033006	TRACE2	03/30/06	13:13	SW	S	CONC
11	AD613790	A033006	TRACE2	03/30/06	13:18	SW	S	CONC
12	AD613791	A033006	TRACE2	03/30/06	13:22	SW	S	CONC
13	AD613792	A033006	TRACE2	03/30/06	13:27	SW	S	CONC
14	AD613793	A033006	TRACE2	03/30/06	13:32	SW	S	CONC
15	AD613794	A033006	TRACE2	03/30/06	13:48	SW	S	CONC
16	AD613795	A033006	TRACE2	03/30/06	13:53	SW	S	CONC
17	AD613796	A033006	TRACE2	03/30/06	13:58	SW	S	CONC
18	AD613796/(1:5)	A033006	TRACE2	03/30/06	14:17	SW	S	CONC
19	AD613797	A033006	TRACE2	03/30/06	14:02	SW	S	CONC
20	AD613798	A033006	TRACE2	03/30/06	14:07	SW	S	CONC
21	AD613798/(1:5)	A033006	TRACE2	03/30/06	14:22	SW	S	CONC
22	AD613799	A033006	TRACE2	03/30/06	14:12	SW	S	CONC
23	AD613799/(1:5)	A033006	TRACE2	03/30/06	14:27	SW	S	CONC
24	AD613800/FB	A033006	TRACE2	03/30/06	11:53	SW	S	CONC
25	AD613801/PB	A033006	TRACE2	03/30/06	11:48	SW	S	CONC
26	AD613822/(1:10)	A033006	TRACE2	03/30/06	17:58	SW	S	CONC
27	AD613829/(1:5)	A033006	TRACE2	03/30/06	18:03	SW	S	CONC
28	AD613833/(1:10)	A033006	TRACE2	03/30/06	18:08	SW	S	CONC
29	AD613840/FB	A033006	TRACE2	03/30/06	17:53	SW	S	CONC
30	AD613841/PB	A033006	TRACE2	03/30/06	17:48	SW	S	CONC
31	AD613842	A033006	TRACE2	03/30/06	14:50	SW	S	CONC
32	AD613843	A033006	TRACE2	03/30/06	14:55	SW	S	CONC
33	AD613844	A033006	TRACE2	03/30/06	15:00	SW	S	CONC
34	AD613845	A033006	TRACE2	03/30/06	15:04	SW	S	CONC
35	AD613846	A033006	TRACE2	03/30/06	15:09	SW	S	CONC
36	AD613847	A033006	TRACE2	03/30/06	15:14	SW	S	CONC
37	AD613848	A033006	TRACE2	03/30/06	15:19	SW	S	CONC
38	AD613849	A033006	TRACE2	03/30/06	15:24	SW	S	CONC
39	AD613849/(1:5)	A033006	TRACE2	03/30/06	16:09	SW	S	CONC
40	AD613850	A033006	TRACE2	03/30/06	15:29	SW	S	CONC
41	AD613851	A033006	TRACE2	03/30/06	15:44	SW	S	CONC
42	AD613851/(1:5)	A033006	TRACE2	03/30/06	16:13	SW	S	CONC
43	AD613852	A033006	TRACE2	03/30/06	15:49	SW	S	CONC
44	AD613853	A033006	TRACE2	03/30/06	15:54	SW	S	CONC
45	AD613853/(1:5)	A033006	TRACE2	03/30/06	16:18	SW	S	CONC
46	AD613854	A033006	TRACE2	03/30/06	15:59	SW	S	CONC
47	AD613855	A033006	TRACE2	03/30/06	16:04	SW	S	CONC
48	AD613861/PB	A033006	TRACE2	03/30/06	14:31	SW	S	CONC
49	AD613862	A033006	TRACE2	03/30/06	20:07	SW	S	CONC
50	AD613863	A033006	TRACE2	03/30/06	20:12	SW	S	CONC
51	AD613864	A033006	TRACE2	03/30/06	20:17	SW	S	CONC
52	AD613865	A033006	TRACE2	03/30/06	18:22	SW	S	CONC
53	AD613866	A033006	TRACE2	03/30/06	18:27	SW	S	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
54	AD613867	A033006	TRACE2	03/30/06	18:32	SW	S	CONC
55	AD613868	A033006	TRACE2	03/30/06	18:48	SW	S	CONC
56	AD613869	A033006	TRACE2	03/30/06	18:53	SW	S	CONC
57	AD613869/L (1:5)	A033006	TRACE2	03/30/06	18:58	SW	S	CONC
58	AD613869/PS	A033006	TRACE2	03/30/06	19:02	SW	S	CONC
59	AD613870/MS	A033006	TRACE2	03/30/06	19:07	SW	S	CONC
60	AD613871/SD	A033006	TRACE2	03/30/06	19:12	SW	S	CONC
61	AD613872	A033006	TRACE2	03/30/06	19:17	SW	S	CONC
62	AD613873	A033006	TRACE2	03/30/06	19:22	SW	S	CONC
63	AD613874	A033006	TRACE2	03/30/06	19:27	SW	S	CONC
64	AD613875	A033006	TRACE2	03/30/06	19:32	SW	S	CONC
65	AD613876	A033006	TRACE2	03/30/06	19:47	SW	S	CONC
66	AD613877	A033006	TRACE2	03/30/06	19:52	SW	S	CONC
67	AD613878	A033006	TRACE2	03/30/06	19:57	SW	S	CONC
68	AD613879	A033006	TRACE2	03/30/06	20:02	SW	S	CONC
69	AD613880/FB	A033006	TRACE2	03/30/06	18:17	SW	S	CONC
70	AD613881/PB	A033006	TRACE2	03/30/06	18:13	SW	S	CONC
71	AD613898	A033006	TRACE2	03/30/06	16:23	SW	S	CONC
72	AD613898/FB	A033006	TRACE2	03/30/06	20:26	SW	S	CONC
73	AD613899	A033006	TRACE2	03/30/06	16:28	SW	S	CONC
74	AD613941/MD	A033006	TRACE2	03/30/06	10:44	SW	S	CONC
75	AD613942/MS	A033006	TRACE2	03/30/06	10:48	SW	S	CONC
76	AD613943	A033006	TRACE2	03/30/06	10:53	SW	S	CONC
77	AD613943/L (1:5)	A033006	TRACE2	03/30/06	10:58	SW	S	CONC
78	AD613943/PS	A033006	TRACE2	03/30/06	11:03	SW	S	CONC
79	AD613944/MD	A033006	TRACE2	03/30/06	11:08	SW	S	CONC
80	AD613945/MS	A033006	TRACE2	03/30/06	11:13	SW	S	CONC
81	AD613946	A033006	TRACE2	03/30/06	11:17	SW	S	CONC
82	AD613947	A033006	TRACE2	03/30/06	11:22	SW	S	CONC
83	AD613948	A033006	TRACE2	03/30/06	11:27	SW	S	CONC
84	AD613949	A033006	TRACE2	03/30/06	11:43	SW	S	CONC
85	AD613986	A033006	TRACE2	03/30/06	20:31	SW	S	CONC
86	AD613986/L (1:5)	A033006	TRACE2	03/30/06	20:47	SW	S	CONC
87	AD613986/PS	A033006	TRACE2	03/30/06	20:52	SW	S	CONC
88	AD613987/MS	A033006	TRACE2	03/30/06	20:57	SW	S	CONC
89	AD613988/SD	A033006	TRACE2	03/30/06	21:02	SW	S	CONC
90	AD613990/PB	A033006	TRACE2	03/30/06	20:21	SW	S	CONC
91	CCB	A033006	TRACE2	03/30/06	10:39	SW	B	CONC
92	CCB	A033006	TRACE2	03/30/06	11:38	SW	B	CONC
93	CCB	A033006	TRACE2	03/30/06	12:44	SW	B	CONC
94	CCB	A033006	TRACE2	03/30/06	13:43	SW	B	CONC
95	CCB	A033006	TRACE2	03/30/06	14:42	SW	B	CONC
96	CCB	A033006	TRACE2	03/30/06	15:40	SW	B	CONC
97	CCB	A033006	TRACE2	03/30/06	16:39	SW	B	CONC
98	CCB	A033006	TRACE2	03/30/06	17:44	SW	B	CONC
99	CCB	A033006	TRACE2	03/30/06	18:43	SW	B	CONC
100	CCB	A033006	TRACE2	03/30/06	19:43	SW	B	CONC
101	CCB	A033006	TRACE2	03/30/06	20:42	SW	B	CONC
102	CCB	A033006	TRACE2	03/30/06	21:29	SW	B	CONC
103	CCV	A033006	TRACE2	03/30/06	10:34	SW	Q	CONC
104	CCV	A033006	TRACE2	03/30/06	11:33	SW	Q	CONC
105	CCV	A033006	TRACE2	03/30/06	12:39	SW	Q	CONC
106	CCV	A033006	TRACE2	03/30/06	13:38	SW	Q	CONC
107	CCV	A033006	TRACE2	03/30/06	14:38	SW	Q	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
108	CCV	A033006	TRACE2	03/30/06	15:35	SW	Q	CONC
109	CCV	A033006	TRACE2	03/30/06	16:34	SW	Q	CONC
110	CCV	A033006	TRACE2	03/30/06	17:39	SW	Q	CONC
111	CCV	A033006	TRACE2	03/30/06	18:38	SW	Q	CONC
112	CCV	A033006	TRACE2	03/30/06	19:38	SW	Q	CONC
113	CCV	A033006	TRACE2	03/30/06	20:37	SW	Q	CONC
114	CCV	A033006	TRACE2	03/30/06	21:24	SW	Q	CONC
115	CRI	A033006	TRACE2	03/30/06	10:18	SW	B	CONC
116	CRI	A033006	TRACE2	03/30/06	12:23	SW	B	CONC
117	CRI	A033006	TRACE2	03/30/06	17:23	SW	B	CONC
118	CRI	A033006	TRACE2	03/30/06	21:08	SW	B	CONC
119	ICB	A033006	TRACE2	03/30/06	10:13	SW	B	CONC
120	ICB	A033006	TRACE2	03/30/06	17:18	SW	B	CONC
121	ICSA	A033006	TRACE2	03/30/06	10:23	SW	Q	CONC
122	ICSA	A033006	TRACE2	03/30/06	12:28	SW	Q	CONC
123	ICSA	A033006	TRACE2	03/30/06	17:28	SW	Q	CONC
124	ICSA	A033006	TRACE2	03/30/06	21:13	SW	Q	CONC
125	ICSAB	A033006	TRACE2	03/30/06	10:28	SW	Q	CONC
126	ICSAB	A033006	TRACE2	03/30/06	12:33	SW	Q	CONC
127	ICSAB	A033006	TRACE2	03/30/06	17:33	SW	Q	CONC
128	ICSAB	A033006	TRACE2	03/30/06	21:18	SW	Q	CONC
129	ICV	A033006	TRACE2	03/30/06	10:08	SW	Q	CONC
130	ICV	A033006	TRACE2	03/30/06	17:13	SW	Q	CONC
131	STD 1	A033006	TRACE2	03/30/06	09:46		X	IR
132	STD 1	A033006	TRACE2	03/30/06	16:55		X	IR
133	STD 2	A033006	TRACE2	03/30/06	09:51		X	IR
134	STD 2	A033006	TRACE2	03/30/06	16:59		X	IR
135	STD 3	A033006	TRACE2	03/30/06	09:55		X	IR
136	STD 3	A033006	TRACE2	03/30/06	17:03		X	IR
137	STD 3 VER	A033006	TRACE2	03/30/06	10:00	SW	B	CONC
138	STD 3 VER	A033006	TRACE2	03/30/06	17:08	SW	B	CONC
139	STD BLK	A033006	TRACE2	03/30/06	09:41		X	IR
140	STD BLK	A033006	TRACE2	03/30/06	16:49		X	IR

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
1	AD613782	.07768	.00305	.01264	.03852	.00013	64.328
2	AD613783	.07590	.00337	.01173	.03760	.00013	63.063
3	AD613784	.40520	.00547	.01322	.01080	.00014	68.163
4	AD613784/L (1:5)	.11471	.00069	.00440	.00269	.00015	14.262
5	AD613784/PS	10.219	.20345	.20113	.20561	.19759	78.227
6	AD613785/MS	10.673	.21308	.20832	.21843	.20882	82.028
7	AD613786/SD	10.569	.20918	.20984	.21161	.20637	82.773
8	AD613787	2.9309	.00830	.05029	.03503	.00019	15.751
9	AD613788	.19228	.00555	.02984	.73496	.00026	212.23
10	AD613789	.07145	.00146	.04243	.81783	.00033	244.90
11	AD613790	.03830	.00394	.03917	.82537	.00032	219.29
12	AD613791	.06813	.00447	.03607	.86152	.00027	219.48
13	AD613792	.13962	.02311	.02874	.08259	.00015	59.402
14	AD613793	.08910	.00088	.01507	.10197	.00014	96.330
15	AD613794	.00992	.00192	.00176	.00018	.00004	.02484
16	AD613795	.52682	-.00001	.03876	.03034	.00018	44.192
17	AD613796	.14570	.03838	.06604	2.2824	.00083	C.00000
18	AD613796/(1:5)	.03063	.00864	.01436	.47082	.00030	316.11
19	AD613797	.55139	.00649	.04022	.60193	.00026	294.57
20	AD613798	.19209	.05961	.03844	.94533	.00061	H992.02
21	AD613798/(1:5)	.03690	.01116	.00841	.18830	.00024	175.84
22	AD613799	.78941	.03051	.10009	2.4873	.00089	C.00000
23	AD613799/(1:5)	.15818	.00669	.02013	.51389	.00030	311.70
24	AD613800/FB	9.6623	.19132	.19082	.18535	.19710	9.4620
25	AD613801/PB	.00475	.00145	.00818	.00013	.00000	.03003
26	AD613822/(1:10)	.01489	.00456	.50854	.04969	.00003	16.043
27	AD613829/(1:5)	.31977	.00329	.51177	.16770	.00014	28.749
28	AD613833/(1:10)	.01911	.00261	2.7106	.13464	.00018	37.353
29	AD613840/FB	10.282	.20922	.19932	.21496	.20812	10.251
30	AD613841/PB	.02040	.00103	.00006	.00011	-.00006	.02001
31	AD613842	.02397	.01936	.06156	.07423	.00024	95.527
32	AD613843	.19347	-.00035	6.2803	.03395	.00025	103.86
33	AD613844	.01550	.02437	.93921	.26806	.00022	130.10
34	AD613845	.01744	-.00014	2.4251	.10578	.00021	129.51
35	AD613846	.01661	.00653	.27227	.10358	.00019	126.20
36	AD613847	.02289	.02175	.06751	.07230	.00017	93.961
37	AD613848	.05964	.00075	.98155	.05097	.00021	123.87
38	AD613849	.74416	.00058	3.4111	.51981	.00068	584.21
39	AD613849/(1:5)	.15740	.00079	.67039	.10217	.00030	109.19
40	AD613850	.41700	.00196	1.2901	.07770	.00034	303.38
41	AD613851	.12128	.00165	3.6011	.20426	.00044	262.23
42	AD613851/(1:5)	.02630	.00121	.71072	.04062	.00021	50.751
43	AD613852	.00939	.00040	.66656	.12208	.00027	136.03
44	AD613853	4.3128	.00269	2.5793	.09949	.00072	383.55
45	AD613853/(1:5)	.93373	.00040	.50895	.02173	.00031	75.176
46	AD613854	.74791	.00003	2.4567	.09838	.00029	96.793
47	AD613855	.10266	.00029	3.3204	.10090	.00021	67.374
48	AD613861/PB	.01424	.00169	.00210	.00011	.00006	.06258
49	AD613862	.01429	.02772	.03571	.42854	.00011	103.25
50	AD613863	.01788	.00177	.09291	.06505	.00016	110.59
51	AD613864	.02138	.00300	.08954	.51838	.00012	80.012
52	AD613865	.23730	.00799	.12452	.15856	.00008	89.299
53	AD613866	.17711	.03030	.39048	.10616	.00009	55.606

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
54	AD613867	.07314	.00302	.02356	.27040	.00013	134.79
55	AD613868	.05633	-.00027	.00783	.07297	.00008	80.277
56	AD613869	.03323	.00331	.00835	.30615	.00005	54.306
57	AD613869/L (1:5)	.00922	.00169	.00080	.06029	.00000	10.631
58	AD613869/PS	10.102	.20737	.20519	.50264	.20425	63.057
59	AD613870/MS	10.536	.21677	.21018	.53917	.21261	67.427
60	AD613871/SD	10.664	.21579	.21348	.53914	.21197	66.684
61	AD613872	.94220	.00289	.01046	.12435	.00011	54.544
62	AD613873	.89101	.00267	.05571	.27565	.00026	221.93
63	AD613874	.57293	.00915	.03337	.30506	.00021	235.46
64	AD613875	.26843	.00154	.00758	.34988	.00008	53.143
65	AD613876	.96272	.02055	.01824	.60155	.00018	145.06
66	AD613877	.69069	.00115	.01674	.16087	.00011	41.721
67	AD613878	.27530	.00401	.00832	.36353	.00009	53.958
68	AD613879	.01546	.00066	-.00116	.00023	-.00002	.03667
69	AD613880/FB	9.8681	.19773	.19399	.20030	.19911	9.7161
70	AD613881/PB	.01932	.00230	.00558	.00013	.00013	.01882
71	AD613898	.02299	.00068	.11800	.00293	.00016	1.2836
72	AD613898/FB	9.7250	.20249	.18395	.20809	.19838	9.7929
73	AD613899	.01153	.00270	.04560	.26044	.00025	139.17
74	AD613941/MD	.05012	.01240	3.5670	3.3057	.00030	247.52
75	AD613942/MS	2.1316	.05592	3.5818	5.4938	.05217	249.68
76	AD613943	.02029	.00350	.49747	.09407	.00017	211.99
77	AD613943/L (1:5)	.00774	.00188	.10402	.01899	.00009	41.774
78	AD613943/PS	9.6965	.19051	.67097	.27631	.18911	214.03
79	AD613944/MD	.00297	.00212	.42341	.07283	.00014	184.20
80	AD613945/MS	2.0442	.04441	.49774	2.0674	.05136	207.78
81	AD613946	.00927	.00018	.08851	.06441	.00009	118.63
82	AD613947	.00639	.00146	.00350	.00023	-.00001	.03251
83	AD613948	.15659	.00506	.12164	.23973	.00003	12.774
84	AD613949	.15591	.00846	3.0402	1.3957	.00017	205.60
85	AD613986	.01318	.00077	.04173	.05835	.00006	81.958
86	AD613986/L (1:5)	.01317	.00181	.00689	.01238	.00011	16.729
87	AD613986/PS	9.9086	.20080	.23589	.27026	.20225	92.260
88	AD613987/MS	9.7448	.19452	.22845	.26205	.19508	92.814
89	AD613988/SD	9.9649	.20723	.23227	.26963	.20136	93.731
90	AD613990/PB	.01315	.00024	-.00183	.00039	.00001	.00320
91	CCB	.02841	.00114	.00071	.00013	.00007	.02653
92	CCB	.01770	.00038	.00225	.00016	.00015	.02501
93	CCB	.05754	.00184	.00218	.00014	.00018	.06161
94	CCB	.02581	.00057	.00221	.00016	.00014	.02879
95	CCB	.02623	.00048	.00160	.00007	.00016	.04040
96	CCB	.00991	.00197	.00634	.00015	.00024	.01182
97	CCB	.01190	.00263	.00566	.00010	.00024	.00318
98	CCB	.01122	.00007	-.00023	.00009	.00001	.00651
99	CCB	.00461	.00119	-.00039	.00002	.00005	-.00132
100	CCB	.00384	.00062	-.00191	.00007	.00006	-.00022
101	CCB	.00840	-.00089	-.00113	.00010	.00008	-.00572
102	CCB	.01900	.00011	-.00208	.00020	.00013	-.00068
103	CCV	25.068	.48964	.47127	.48466	.50544	25.373
104	CCV	24.670	.47806	.46132	.46209	.49607	24.752
105	CCV	24.837	.48310	.46323	.47296	.50194	25.141
106	CCV	24.829	.48002	.46155	.47181	.50200	25.050
107	CCV	25.205	.49058	.46416	.49552	.50635	25.434

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
108	CCV	25.513	.49928	.47366	.51030	.51265	25.782
109	CCV	25.650	.50459	.47393	.52557	.51533	26.034
110	CCV	25.194	.49347	.47503	.48940	.50498	25.532
111	CCV	25.104	.48343	.46832	.47702	.50183	25.228
112	CCV	25.324	.49487	.47045	.49598	.50413	25.515
113	CCV	25.505	.49862	.47398	.50734	.50640	25.662
114	CCV	25.408	.49979	.47282	.52176	.50710	25.918
115	CRI	.19710	.00943	.04952	.00200	.00202	.48455
116	CRI	.19698	.00929	.04877	.00192	.00211	.48771
117	CRI	.19894	.01065	.04859	.00203	.00202	.48107
118	CRI	L.09397	.01245	L.02251	.00117	L.00053	L.22220
119	ICB	.00343	-.00073	.00227	.00007	.00002	-.00077
120	ICB	.01214	.00050	.00110	.00017	.00018	.00238
121	ICSA	507.43	.00175	.00803	.01143	.00142	529.67
122	ICSA	504.03	.00106	.00702	.01128	.00144	528.46
123	ICSA	508.00	-.00063	.00532	.01187	.00137	536.89
124	ICSA	519.28	.00185	.00397	.01292	.00143	555.44
125	ICSAB	512.50	.10455	.01419	.50054	.49433	542.94
126	ICSAB	516.91	.10666	.01508	.51488	.50193	553.99
127	ICSAB	523.05	.10954	.01177	.53224	.50294	565.01
128	ICSAB	524.05	.10618	.01058	.54247	.49906	562.79
129	ICV	18.806	.37385	Q.35565	.37572	.37736	19.033
130	ICV	19.218	.37698	.36456	.37405	.38498	19.389
131	STD 1	8.40661	.92516	1.60993	3.93424	6.49008	
132	STD 1	8.60628	.95532	1.63175	4.31152	6.64367	
133	STD 2	41.828	4.59274	7.42692	19.7248	31.5143	
134	STD 2	43.0037	4.76467	7.50459	21.9584	32.3927	
135	STD 3	84.5771	9.28892	14.8121	40.0427	62.6286	45.6925
136	STD 3	86.359	9.50247	14.8929	43.3609	64.0887	47.0504
137	STD 3 VER	51.975	1.0352	1.0187	1.0482	1.0278	52.200
138	STD 3 VER	50.218	.98234	.99373	.97730	.99008	50.018
139	STD BLK	.05464	-.00668	.08807	.00463	.19887	.02483
140	STD BLK	.06448	-.0083	.14149	.00553	.20901	.02768

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
1	AD613782	.00062	.00388	.00055	.00098	65.659	1.6876
2	AD613783	.00079	.00431	.00141	.00100	64.966	1.6667
3	AD613784	.00129	.00916	.00102	.00126	101.85	.36696
4	AD613784/L (1:5)	.00005	.00154	.00055	.00034	21.341	.06517
5	AD613784/PS	.19524	.20365	.19909	.20710	109.59	10.388
6	AD613785/MS	.20528	.21746	.20924	.21080	112.23	10.752
7	AD613786/SD	.20280	.21670	.20789	.20820	115.07	10.757
8	AD613787	.00003	.00100	.00329	.00515	2.6382	1.2615
9	AD613788	.00063	.00069	.00199	.00061	95.061	3.5629
10	AD613789	.00074	.00071	.00182	.00086	91.820	3.1399
11	AD613790	.00111	.00042	.00212	.00109	92.768	2.6546
12	AD613791	.00073	.00048	.00236	.00182	92.520	3.4561
13	AD613792	.00052	.00480	.00056	.00043	111.26	1.6902
14	AD613793	.00029	.00412	.00022	.00026	20.303	.73239
15	AD613794	.00006	.00015	.00084	.00005	.01190	-.00200
16	AD613795	.00002	.00226	.00209	.00571	1.5423	5.9508
17	AD613796	-.00004	.00861	.00849	.00144	.16352	75.126

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
18	AD613796/(1:5)	.00012	.00153	.00223	.00021	.03802	12.353
19	AD613797	.00003	.00137	.07130	.00591	.88023	43.796
20	AD613798	.00009	.01696	.04659	.08961	.58319	112.38
21	AD613798/(1:5)	-.00013	.00357	.00892	.01662	.12432	18.197
22	AD613799	.00006	.01015	.07824	.01119	13.675	64.547
23	AD613799/(1:5)	-.00008	.00204	.01616	.00138	2.7879	10.362
24	AD613800/FB	.19566	.19961	.19884	.19455	9.9509	9.6822
25	AD613801/PB	.00002	.00010	-.00005	.00095	-.00649	.00056
26	AD613822/(1:10)	-.00006	.00134	.00161	.00325	.38634	16.967
27	AD613829/(1:5)	-.00002	.00322	.02160	.02015	6.7668	5.9377
28	AD613833/(1:10)	.00020	.00747	.01443	.01786	.26009	118.34
29	AD613840/FB	.20654	.20790	.20626	.21005	10.319	10.148
30	AD613841/PB	-.00001	.00021	.00017	-.00083	-.00055	.00417
31	AD613842	-.00016	-.00006	.00016	-.00031	1.7499	2.1206
32	AD613843	.00012	.00118	.00093	.00209	.33398	21.151
33	AD613844	-.00007	.00023	.00070	-.00049	1.8367	7.0375
34	AD613845	-.00014	.00035	.00025	-.00087	.27522	13.140
35	AD613846	-.00020	-.00018	.00021	-.00084	1.3984	4.0654
36	AD613847	-.00016	-.00011	-.00007	-.00026	1.7359	2.0961
37	AD613848	-.00007	-.00005	.00045	-.00052	.20314	6.7260
38	AD613849	-.00014	.00160	.02518	.00289	1.0617	63.058
39	AD613849/(1:5)	-.00017	.00029	.00524	.00042	.20802	9.4755
40	AD613850	.00002	.00083	.00155	.00425	.84432	15.869
41	AD613851	.00007	.00063	.00102	.00056	.17969	33.738
42	AD613851/(1:5)	-.00009	-.00014	.00019	-.00070	.03469	5.4230
43	AD613852	-.00014	.00055	.00314	-.00031	.01198	2.8009
44	AD613853	-.00006	.00580	.00678	.00856	7.1010	56.182
45	AD613853/(1:5)	-.00017	.00082	.00151	.00005	1.4454	8.6844
46	AD613854	-.00001	.00042	.00378	.00091	1.0748	11.460
47	AD613855	-.00007	.00010	.00115	-.00069	.22491	16.557
48	AD613861/PB	-.00010	-.00024	.00005	-.00087	-.00432	-.00311
49	AD613862	-.00021	.00057	.00003	-.00123	2.7956	1.5213
50	AD613863	-.00020	-.00012	.00049	-.00132	.00523	2.7318
51	AD613864	-.00026	.00103	.00038	-.00058	.30561	1.9931
52	AD613865	-.00028	.00027	.00016	.00014	7.8333	1.3957
53	AD613866	-.00009	.00052	.00039	.00006	.64967	1.1285
54	AD613867	-.00026	.00079	.00059	.00035	36.162	1.8308
55	AD613868	-.00020	.00045	.00014	-.00029	6.7469	.32857
56	AD613869	-.00030	.00727	.00068	-.00047	8.0503	1.1238
57	AD613869/L (1:5)	-.00008	.00168	.00030	.00014	1.6167	.21319
58	AD613869/PS	.20142	.20593	.20325	.21345	18.067	11.782
59	AD613870/MS	.20861	.21733	.20876	.21459	17.896	11.991
60	AD613871/SD	.20773	.21637	.20848	.21442	18.025	12.128
61	AD613872	-.00024	.00259	.00106	.00166	9.2775	1.8363
62	AD613873	-.00022	.00116	.00103	.00112	38.463	2.9766
63	AD613874	-.00055	.00110	.00135	.00026	57.601	2.9302
64	AD613875	-.00040	.00253	.00042	-.00037	19.632	1.5359
65	AD613876	-.00074	.00195	.00189	.00171	55.357	6.4352
66	AD613877	-.00039	.00128	.00151	.00172	24.622	5.1595
67	AD613878	-.00031	.00261	.00066	.00036	27.918	1.5577
68	AD613879	-.00008	.00010	.00026	-.00085	.01070	.01734
69	AD613880/FB	.19804	.20009	.19893	.20007	9.9446	9.8175
70	AD613881/PB	-.00007	.00039	.00043	-.00039	.00183	.01071
71	AD613898	-.00020	-.00023	.00069	.07676	.01065	.11367

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
72	AD613898/FB	.19594	.19560	.19412	.20152	9.6571	9.6280
73	AD613899	-.00021	-.00006	.00052	.00435	.00845	1.5660
74	AD613941/MD	.00009	.00341	.00136	-.00021	18.886	50.677
75	AD613942/MS	.04972	.51735	.20762	.26006	22.192	50.670
76	AD613943	.00003	.00246	.00028	.00179	1.5162	14.328
77	AD613943/L (1:5)	.00000	.00041	.00002	.00047	.32128	2.6403
78	AD613943/PS	.18638	.18898	.19112	.19935	11.104	24.808
79	AD613944/MD	.00005	.00202	.00000	.00209	.08330	12.114
80	AD613945/MS	.04920	.51377	.20362	.25541	1.3550	14.110
81	AD613946	-.00013	.00032	.00043	.00147	.07630	5.0473
82	AD613947	.00001	.00012	.00006	-.00006	.00288	-.00746
83	AD613948	.00004	.00142	.00097	.00184	.29026	24.540
84	AD613949	.00017	.00165	.00145	.00159	9.0678	21.650
85	AD613986	-.00017	-.00001	.00049	-.00144	.41245	3.2362
86	AD613986/L (1:5)	-.00015	.00004	.00060	-.00187	.08852	.62494
87	AD613986/PS	.19777	.19373	.19829	.21319	10.325	13.624
88	AD613987/MS	.18971	.19040	.19103	.19701	9.8949	13.364
89	AD613988/SD	.19639	.19614	.19622	.20408	10.178	13.584
90	AD613990/PB	.00005	.00047	-.00038	-.00140	-.00617	.01206
91	CCB	.00014	.00007	.00017	-.00019	.01527	-.01069
92	CCB	.00011	-.00026	.00008	.00032	.00869	-.01309
93	CCB	.00016	-.00004	.00020	.00080	.01789	-.00127
94	CCB	-.00006	-.00018	.00029	-.00020	.01432	.00023
95	CCB	.00005	-.00009	.00025	-.00108	.00479	-.00463
96	CCB	.00001	-.00012	.00029	-.00115	.00540	.00000
97	CCB	-.00014	-.00013	.00038	-.00186	.01125	-.00375
98	CCB	.00007	.00018	.00033	.00008	-.00326	.00895
99	CCB	-.00006	-.00003	.00009	-.00048	-.00500	.01465
100	CCB	-.00021	.00008	-.00007	-.00068	-.01090	.00807
101	CCB	-.00004	.00013	.00018	-.00142	.00272	.00674
102	CCB	.00001	-.00002	.00012	-.00249	-.00260	.02085
103	CCV	.49625	.50137	.50490	.52060	25.300	25.093
104	CCV	.48534	.49267	.49742	.50785	24.932	24.691
105	CCV	.48929	.49571	.50203	.51209	25.149	24.655
106	CCV	.48866	.49457	.50144	.51120	25.178	24.609
107	CCV	.49136	.49502	.50155	.52079	25.166	24.770
108	CCV	.49635	.49804	.50425	.52873	25.313	24.910
109	CCV	.49719	.49849	.50370	.53405	25.228	24.902
110	CCV	.49475	.49856	.50362	.52367	25.216	25.157
111	CCV	.49027	.49518	.50151	.51931	25.105	25.065
112	CCV	.49133	.49317	.49819	.52811	24.886	25.149
113	CCV	.49122	.49260	.49760	.53308	24.833	25.259
114	CCV	.49279	.49151	.49392	.53681	24.671	25.278
115	CRI	.00106	.00390	.00448	.00999	.06287	.44183
116	CRI	.00103	.00366	.00421	.01049	.05691	.43506
117	CRI	.00100	.00398	.00396	.00988	.04887	.46042
118	CRI	.00083	.00369	.00307	L.00259	.03867	.26931
119	ICB	.00000	-.00016	-.00006	-.00036	-.00481	.00254
120	ICB	.00017	.00047	.00035	-.00042	.00891	.01154
121	ICSA	.00390	.00065	-.01275	.00138	194.29	-.01250
122	ICSA	.00370	.00057	-.01244	.00147	194.09	-.00337
123	ICSA	.00058	.00097	-.01284	.00027	192.61	.01326
124	ICSA	-.00112	.00115	-.01308	-.00066	189.89	.01489
125	ICSAB	.96679	.49106	.48426	.53790	96.806	-.00074

Analysis Report Averages 03/31/06 07:04:34 AM page 9

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
126	ICSAB	.97781	.49335	.48746	.54208	97.371	-.00917
127	ICSAB	.98282	.49395	.48583	.55185	97.023	.00210
128	ICSAB	.96448	.48476	.47832	.55706	95.180	.00468
129	ICV	.37057	.37230	.37373	.39171	18.722	18.535
130	ICV	.37781	.38007	.38342	Q.39868	19.204	18.918
131	STD 1	11.1564	.6782	1.75001	.85683	1.53486	
132	STD 1	11.245	.67982	1.7598	.87119	1.54029	
133	STD 2	54.9947	3.40645	8.69321	4.03532	7.60075	
134	STD 2	55.684	3.40821	8.73228	4.17752	7.61878	
135	STD 3	109.629	6.78326	17.3531	8.0603	15.1261	59.3304
136	STD 3	110.465	6.78413	17.4166	8.27893	15.1908	59.2141
137	STD 3 VER	1.0241	1.0269	1.0264	1.0349	51.249	52.278
138	STD 3 VER	.98584	.99308	.99712	.99572	49.875	51.254
139	STD BLK	-.02605	-.00634	-.00119	.06405	.00017	-.02221
140	STD BLK	-.02627	-.00893	.00035	.05466	.00196	-.03999

#	Sample Name	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
1	AD613782	14.729	1.8808	.00035	8.8757	.00025	-.00019
2	AD613783	14.453	1.8671	.00024	8.5538	.00129	-.00378
3	AD613784	19.769	2.0327	.00078	9.7927	.00101	-.00222
4	AD613784/L (1:5)	4.1403	.42437	-.00033	2.0600	.00075	-.00301
5	AD613784/PS	29.358	2.1764	.19799	19.798	.19754	.19375
6	AD613785/MS	30.397	2.3739	.20854	20.601	.20633	.20755
7	AD613786/SD	30.798	2.4099	.20667	20.671	.20251	.20727
8	AD613787	7.3488	.06735	.00322	28.885	.00287	.00304
9	AD613788	39.042	.49177	.00073	9.3781	.00109	-.00190
10	AD613789	35.191	.24512	-.00012	11.510	.00076	.01470
11	AD613790	43.358	.29608	.00018	7.9034	.00041	-.00079
12	AD613791	37.029	.42626	.00139	5.8914	.00078	.05161
13	AD613792	10.906	1.7956	.00248	5.5578	.00243	-.00164
14	AD613793	19.706	2.2909	-.00084	30.845	.00198	-.00201
15	AD613794	.00762	.00433	-.00104	-.30365	.00015	-.00153
16	AD613795	10.486	.15233	.00081	10.464	.00751	.00056
17	AD613796	.09614	.00551	.07366	432.04	.02009	.00031
18	AD613796/(1:5)	.02134	.00120	.01472	88.018	.00454	-.00052
19	AD613797	.62486	.01543	.17497	223.76	.05820	.00542
20	AD613798	.45682	.01210	.16794	H807.13	.04506	.03520
21	AD613798/(1:5)	.09530	.00247	.03367	175.02	.01032	.00795
22	AD613799	6.6623	.12253	.13410	408.86	.01633	.01721
23	AD613799/(1:5)	1.3617	.02452	.02616	82.144	.00313	.00066
24	AD613800/FB	9.7970	.19804	.19716	9.6906	.19530	.20371
25	AD613801/PB	.00743	.00005	-.00048	-.09259	-.00016	-.00014
26	AD613822/(1:10)	9.3748	.20716	.00207	118.86	.00296	.00087
27	AD613829/(1:5)	13.176	.47010	.04516	213.42	.06182	.00363
28	AD613833/(1:10)	25.332	.31867	.01712	445.52	.12143	.00321
29	AD613840/FB	10.333	.20536	.20746	10.675	.20984	.20730
30	AD613841/PB	.01119	.00012	.00080	.02167	-.00039	.00021
31	AD613842	56.657	.02397	.01456	11.337	.00055	-.00121
32	AD613843	43.098	.04866	.00186	267.91	.00135	-.00148
33	AD613844	83.750	.03445	.02160	40.803	-.00040	.00117
34	AD613845	58.303	.02443	.00034	42.632	.00034	-.00139
35	AD613846	72.400	.02845	.02193	16.442	.00026	-.00119

Analysis Report Averages 03/31/06 07:04:34 AM page 10

#	Sample Name	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
36	AD613847	55.706	.02366	.01459	11.131	.00012	-.00121
37	AD613848	57.877	.11461	.00127	53.873	.00245	.00208
38	AD613849	238.40	.23842	.00249	H1086.3	.00482	-.00244
39	AD613849/(1:5)	47.077	.04864	-.00002	244.73	.00123	.00109
40	AD613850	88.804	.16587	.00259	56.275	.00480	.00097
41	AD613851	104.52	.10072	.00055	483.75	.00151	-.00137
42	AD613851/(1:5)	20.703	.02023	-.00040	97.857	.00016	.00008
43	AD613852	54.539	2.0053	.02840	40.390	.00680	-.00134
44	AD613853	144.90	.28220	.00095	H850.14	.00816	.00280
45	AD613853/(1:5)	28.950	.05677	.00025	185.71	.00197	.00139
46	AD613854	45.390	.03370	.00315	92.102	.00441	.00091
47	AD613855	30.735	.01575	.00127	85.090	.00036	-.00157
48	AD613861/PB	.00547	.00005	-.00033	-.18619	-.00028	.00054
49	AD613862	46.916	.03548	.01526	11.969	.00037	.00049
50	AD613863	52.855	.00048	.00329	14.404	-.00015	.00130
51	AD613864	44.233	.26805	.02447	16.319	.00008	-.00108
52	AD613865	21.230	.43057	.00079	79.535	-.00008	.00166
53	AD613866	28.327	.05825	.00194	147.61	.00123	.00142
54	AD613867	28.541	.73582	.00158	36.708	.00051	-.00067
55	AD613868	13.069	1.5098	.00068	4.9143	-.00016	-.00164
56	AD613869	14.978	.10488	.00020	47.781	.02703	-.00065
57	AD613869/L (1:5)	2.9938	.02117	.00070	9.7463	.00526	.00093
58	AD613869/PS	24.907	.30184	.20472	57.190	.23066	.19991
59	AD613870/MS	26.072	.31006	.21165	60.145	.23988	.21050
60	AD613871/SD	25.824	.31225	.21126	60.396	.23961	.20959
61	AD613872	9.8147	1.2166	.00145	27.672	.00227	.00080
62	AD613873	51.741	.49038	.00162	9.2906	.00144	.00153
63	AD613874	51.689	.57031	.00068	7.8699	.00057	.00277
64	AD613875	15.377	.27438	.00064	80.267	.00245	-.00128
65	AD613876	26.717	.30452	.00239	6.3506	.00153	.00115
66	AD613877	9.4652	1.2813	.00154	51.370	.00167	-.00007
67	AD613878	15.659	.28117	.00091	81.680	.00272	-.00148
68	AD613879	.00689	.00031	.00069	.04973	-.00023	.00106
69	AD613880/FB	9.9130	.19822	.19896	10.129	.19915	.19948
70	AD613881/PB	.00461	.00001	-.00039	.01199	-.00032	-.00059
71	AD613898	.49628	.00019	.00034	137.99	.00217	-.00037
72	AD613898/FB	9.7972	.19287	.19541	10.388	.20016	.19738
73	AD613899	38.507	.00022	.00555	25.600	.00106	-.00129
74	AD613941/MD	152.24	.38268	.00128	172.59	.00767	.00113
75	AD613942/MS	152.61	.89534	.00060	173.82	.51238	.02017
76	AD613943	29.595	1.9145	.00167	55.640	.01134	-.00300
77	AD613943/L (1:5)	6.0634	.39641	.00000	11.092	.00220	-.00186
78	AD613943/PS	38.581	2.0657	.19322	64.084	.19756	.18743
79	AD613944/MD	26.889	1.5602	.00093	57.280	.00989	-.00072
80	AD613945/MS	29.391	1.3786	.00091	54.697	.51177	.02287
81	AD613946	12.713	.21940	-.00019	52.265	.00615	.00042
82	AD613947	.00875	.00018	-.00074	-.28084	.00116	-.00143
83	AD613948	5.4144	.03003	.00131	29.625	.00230	-.00204
84	AD613949	104.67	.90453	.00105	205.98	.00521	-.00023
85	AD613986	13.028	.28364	.00054	20.913	.00052	.00067
86	AD613986/L (1:5)	2.7064	.05879	.00044	4.4200	-.00026	.00216
87	AD613986/PS	23.112	.47722	.20018	31.170	.20292	.19351
88	AD613987/MS	22.904	.48098	.19389	31.190	.19270	.19366
89	AD613988/SD	23.273	.48555	.19925	31.445	.20029	.19970

#	Sample Name	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
90	AD613990/PB	.00097	-.00003	.00002	-.02698	.00069	.00022
91	CCB	.03007	.00005	.00082	-.28922	-.00017	-.00030
92	CCB	.02048	.00013	.00005	-.20169	.00015	.00076
93	CCB	.06522	.00009	.00063	-.08716	.00032	.00033
94	CCB	.02511	.00010	.00060	-.27407	.00022	.00067
95	CCB	.02310	.00002	.00064	.02875	-.00024	.00051
96	CCB	.01054	.00010	.00014	-.14345	.00004	.00019
97	CCB	.00565	.00009	.00019	-.16382	-.00008	-.00034
98	CCB	.01503	.00006	.00176	.06035	-.00057	.00108
99	CCB	.00380	.00000	.00114	.03980	-.00042	.00155
100	CCB	.00333	.00007	.00195	-.03507	-.00050	.00206
101	CCB	.00354	.00004	.00118	.04985	-.00070	.00216
102	CCB	.01145	.00007	.00202	.07760	-.00073	.00433
103	CCV	25.225	.51326	.50552	24.758	.50581	.50581
104	CCV	24.919	.50527	.49617	24.141	.49150	.49486
105	CCV	24.972	.50851	.49841	24.466	.49862	.49370
106	CCV	25.049	.50772	.49845	24.483	.49612	.50151
107	CCV	25.242	.50733	.49957	24.878	.50075	.50291
108	CCV	25.253	.51033	.50362	25.389	.50747	.50607
109	CCV	25.333	.50829	.50341	25.397	.51252	.50448
110	CCV	25.299	.51215	.50542	25.164	.50633	.49832
111	CCV	25.280	.50949	.50191	25.158	.49954	.49621
112	CCV	25.244	.50602	.50244	25.273	.50331	.49102
113	CCV	25.265	.50504	.50267	25.362	.50547	.49314
114	CCV	25.069	.50164	.50227	25.432	.50933	.49235
115	CRI	.20578	.00304	.00972	.86731	.00962	.00400
116	CRI	.20093	.00314	.00973	.86215	.00958	.00214
117	CRI	.19894	.00311	.01088	.99145	.00937	.00511
118	CRI	L.09762	.00155	.00503	.64889	L.00466	-.01107
119	ICB	.00154	.00003	.00054	-.34999	-.00016	.00210
120	ICB	.00665	.00017	.00143	.05764	-.00016	-.00131
121	ICSA	518.48	.00009	.00089	-.22342	-.00013	.04020
122	ICSA	515.63	.00015	.00037	-.21509	.00017	.04096
123	ICSA	518.67	.00011	.00131	-.00601	.00036	.04536
124	ICSA	517.55	.00017	.00300	.03019	.00014	.03506
125	ICSAB	487.41	.49466	.00083	-.15328	.91720	.09491
126	ICSAB	490.18	.49582	.00127	-.26841	.92993	.09615
127	ICSAB	494.34	.49681	.00215	-.11707	.93975	.09457
128	ICSAB	485.14	.48804	.00227	-.07367	.93025	.08783
129	ICV	18.905	.37965	.37744	18.743	.37908	.37724
130	ICV	19.392	.39003	.38778	19.132	.38617	.38005
131	STD 1		1.27825	1.79522		4.60631	1.59014
132	STD 1		1.26994	1.78726		4.67477	1.64294
133	STD 2		6.3302	8.86157		23.2395	7.75528
134	STD 2		6.29567	8.87466		23.8788	7.77201
135	STD 3	89.2184	12.6195	17.7646	2.75974	46.3153	15.4391
136	STD 3	89.1292	12.5772	17.726	2.82625	47.1348	15.4284
137	STD 3 VER	51.960	1.0251	1.0355	51.856	1.0252	1.0292
138	STD 3 VER	50.269	.99998	.99991	50.206	.98447	.98364
139	STD BLK	.0156	.00239	.01972	.0173	-.1127	.03275
140	STD BLK	.02358	.00268	.00732	.00822	-.10787	.02733

#	Sample Name	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
1	AD613782	.00006	-.00002	.00248	.00014	.00012	.00366
2	AD613783	.00092	-.00064	.00503	-.00010	.00013	.00748
3	AD613784	-.00136	-.00165	.00532	-.00076	.00271	.00663
4	AD613784/L (1:5)	-.00016	-.00111	.00400	.00194	.00219	.00491
5	AD613784/PS	.19290	.19318	.19852	.19345	.20157	.19700
6	AD613785/MS	.20699	.20718	.21011	.20698	.20741	.21147
7	AD613786/SD	.20442	.20537	.20631	.20205	.20173	.20860
8	AD613787	.00150	.00201	.00327	-.00021	.00486	.00248
9	AD613788	-.00179	-.00183	.00831	-.00245	.00560	.00967
10	AD613789	.01979	.01809	.00415	-.00004	.00118	.00564
11	AD613790	.00062	.00015	.00442	-.00041	-.00108	.00717
12	AD613791	.05056	.05091	.00478	-.00401	.00334	.00550
13	AD613792	.00219	.00091	.00620	.00117	-.00365	.01113
14	AD613793	.00141	.00026	.00094	.00053	-.00066	.00174
15	AD613794	.00099	.00015	.00086	.00085	.00190	.00034
16	AD613795	.00328	.00238	.00275	.00100	.00280	.00272
17	AD613796	-.00077	-.00041	.01455	.00285	.01962	.01201
18	AD613796/(1:5)	-.00016	-.00028	.00377	-.00162	.00295	.00417
19	AD613797	.00652	.00616	.00166	-.00144	.00339	.00080
20	AD613798	.03586	.03564	.01012	-.00014	.01446	.00795
21	AD613798/(1:5)	.00603	.00667	.00217	-.00029	.00373	.00139
22	AD613799	.01839	.01800	.01096	.00020	.01251	.01019
23	AD613799/(1:5)	.00383	.00278	.00112	-.00080	-.00292	.00314
24	AD613800/FB	.19653	.19892	.19335	.18956	.19743	.19131
25	AD613801/PB	.00146	.00092	-.00109	-.00061	.00003	-.00165
26	AD613822/(1:10)	-.00002	.00027	-.00188	.00008	-.00196	-.00183
27	AD613829/(1:5)	.00081	.00175	.00135	.00148	.00307	.00048
28	AD613833/(1:10)	-.00055	.00069	-.00045	.00076	.00269	-.00203
29	AD613840/FB	.21198	.21042	.20640	.20954	.20862	.20529
30	AD613841/PB	-.00243	-.00154	.00002	-.00009	.00681	-.00337
31	AD613842	.00185	.00083	.00065	-.00026	-.00138	.00166
32	AD613843	.00247	.00115	.00339	-.00051	.00703	.00158
33	AD613844	-.00141	-.00055	-.00111	.00050	-.00002	-.00166
34	AD613845	-.00054	-.00082	.00151	-.00122	.00215	.00119
35	AD613846	.00033	-.00017	.00024	.00089	.00328	-.00127
36	AD613847	.00086	.00017	-.00188	-.00164	-.00489	-.00037
37	AD613848	-.00087	.00011	.00218	.00101	.00616	.00019
38	AD613849	.00126	.00003	.00157	-.00125	.00874	-.00201
39	AD613849/(1:5)	.00074	.00085	-.00161	-.00162	-.00213	-.00135
40	AD613850	.00154	.00135	.00168	.00087	.00339	.00082
41	AD613851	.00141	.00048	.00112	.00147	.00639	-.00150
42	AD613851/(1:5)	.00098	.00068	.00346	-.00005	.00714	.00162
43	AD613852	.00073	.00003	.00194	-.00071	.00095	.00243
44	AD613853	-.00028	.00074	-.00103	-.00064	.00279	-.00295
45	AD613853/(1:5)	.00169	.00159	.00146	-.00023	.00108	.00165
46	AD613854	.00216	.00174	-.00073	-.00095	-.00413	.00096
47	AD613855	.00075	-.00002	.00298	-.00101	.00386	.00254
48	AD613861/PB	.00150	.00118	.00155	.00120	.00749	-.00140
49	AD613862	-.00200	-.00117	-.00395	-.00047	-.00483	-.00351
50	AD613863	-.00169	-.00069	.00172	-.00055	.00297	.00109
51	AD613864	-.00079	-.00088	-.00210	.00108	-.00355	-.00138
52	AD613865	-.00192	-.00072	.00109	-.00010	.00452	-.00062
53	AD613866	-.00213	-.00094	.00089	-.00172	.00642	-.00186

#	Sample Name	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
54	AD613867	-.00278	-.00208	.00417	.00032	.00808	.00222
55	AD613868	-.00092	-.00116	.00105	.00049	.00002	.00157
56	AD613869	-.00095	-.00085	-.00065	-.00071	-.00146	-.00025
57	AD613869/L (1:5)	-.00069	-.00015	-.00004	.00063	-.00150	.00068
58	AD613869/PS	.19995	.19994	.20231	.20360	.20903	.19896
59	AD613870/MS	.21243	.21179	.21263	.21207	.21872	.20959
60	AD613871/SD	.21355	.21224	.21223	.21325	.22186	.20741
61	AD613872	.00032	.00048	.00172	-.00042	.00198	.00159
62	AD613873	-.00110	-.00022	-.00018	.00124	.00251	-.00153
63	AD613874	-.00108	.00020	.00246	.00269	.00714	.00012
64	AD613875	-.00020	-.00056	.00160	-.00092	.00536	-.00028
65	AD613876	-.00025	.00021	.00168	.00103	.00068	.00218
66	AD613877	.00006	.00001	-.00068	.00273	-.00382	.00088
67	AD613878	-.00072	-.00097	-.00065	.00156	-.00581	.00191
68	AD613879	-.00158	-.00070	.00032	.00106	.00453	-.00178
69	AD613880/FB	.20066	.20027	.19911	.19678	.20038	.19848
70	AD613881/PB	-.00045	-.00050	-.00186	-.00123	-.00355	-.00102
71	AD613898	.00083	.00043	.00209	.00219	.00683	-.00027
72	AD613898/FB	.19929	.19866	.19592	.20032	.19974	.19401
73	AD613899	.00036	-.00018	.00267	-.00137	.00059	.00370
74	AD613941/MD	.00051	.00072	.00260	-.00132	.00365	.00207
75	AD613942/MS	.02385	.02263	.05650	.10525	.05374	.05789
76	AD613943	.00041	-.00072	.00574	-.00188	.00891	.00416
77	AD613943/L (1:5)	.00105	.00008	.00075	-.00018	-.00109	.00168
78	AD613943/PS	.18546	.18612	.19511	.18233	.19780	.19377
79	AD613944/MD	.00064	.00019	.00359	-.00149	.00579	.00249
80	AD613945/MS	.02081	.02150	.05862	.09987	.05600	.05992
81	AD613946	-.00080	-.00039	.00048	.00148	.00141	.00002
82	AD613947	.00094	.00015	-.00133	-.00076	.00128	-.00264
83	AD613948	.00017	-.00056	.00254	-.00124	.00946	-.00091
84	AD613949	.00119	.00071	.00114	.00010	.00894	-.00275
85	AD613986	.00031	.00043	-.00011	.00154	-.00025	-.00003
86	AD613986/L (1:5)	-.00229	-.00080	.00142	.00021	.00357	.00035
87	AD613986/PS	.20262	.19959	.20263	.19525	.20440	.20174
88	AD613987/MS	.19558	.19494	.19669	.19474	.20165	.19421
89	AD613988/SD	.19986	.19981	.20116	.20361	.21017	.19666
90	AD613990/PB	-.00266	-.00170	-.00290	.00172	.00903	-.00887
91	CCB	.00090	.00049	.00105	.00127	-.00021	.00168
92	CCB	.00213	.00167	.00223	.00060	.00392	.00138
93	CCB	.00114	.00087	.00236	.00006	.00522	.00093
94	CCB	-.00203	-.00113	.00206	.00171	.00755	-.00068
95	CCB	.00004	.00020	.00094	.00238	-.00129	.00205
96	CCB	.00075	.00057	.00049	.00296	.00032	.00057
97	CCB	-.00039	-.00037	.00353	.00165	.00222	.00418
98	CCB	-.00354	-.00200	-.00142	.00065	.00240	-.00333
99	CCB	-.00313	-.00157	.00104	-.00112	.00709	-.00197
100	CCB	-.00327	-.00149	-.00141	.00078	.00235	-.00330
101	CCB	-.00206	-.00065	.00045	-.00054	.00363	-.00114
102	CCB	-.00303	-.00057	.00155	.00181	.00545	-.00039
103	CCV	.50129	.50279	.50008	.49756	.50540	.49742
104	CCV	.48918	.49107	.48557	.48494	.48759	.48456
105	CCV	.49549	.49490	.48965	.48560	.48952	.48973
106	CCV	.49261	.49557	.48959	.48881	.49362	.48757
107	CCV	.49789	.49956	.49063	.49362	.49777	.48707

#	Sample Name	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
108	CCV	.50359	.50442	.49997	.49974	.50014	.49989
109	CCV	.51150	.50916	.50129	.50493	.49964	.50212
110	CCV	.50278	.50130	.50470	.49880	.51512	.49950
111	CCV	.49354	.49443	.50082	.49540	.51795	.49226
112	CCV	.49832	.49589	.50764	.50241	.51262	.50516
113	CCV	.50204	.49907	.50665	.50404	.51686	.50156
114	CCV	.50592	.50141	.50933	.51111	.51592	.50604
115	CRI	.00663	.00576	.01707	.01969	.01433	.01844
116	CRI	.00650	.00505	.01487	.01824	.01330	.01565
117	CRI	.00324	.00386	.01441	.01818	.01617	.01354
118	CRI	.00773	L.00146	L.00714	.01485	-.02310	.02226
119	ICB	-.00037	.00045	.00129	.00050	-.00085	.00237
120	ICB	-.00071	-.00091	-.00069	.00096	-.00107	-.00050
121	ICSA	-.01954	.00035	.00433	.00165	.00537	.00381
122	ICSA	-.02029	.00010	-.00067	.00048	-.00620	.00208
123	ICSA	-.02005	.00172	-.00087	-.00019	.00897	-.00579
124	ICSA	-.01639	.00074	.00016	.00318	-.00029	.00039
125	ICSAB	.02695	.04958	.05260	.60843	.04843	.05468
126	ICSAB	.03072	.05250	.05507	.61898	.05416	.05553
127	ICSAB	.02991	.05144	.05550	.62595	.05703	.05474
128	ICSAB	.03285	.05116	.05051	.62682	.05437	.04858
129	ICV	.37752	.37743	.37822	.37893	.38027	.37719
130	ICV	.38175	.38119	.38739	.38420	.39939	.38139
131	STD 1	1.52752			.61993	.55246	1.26239
132	STD 1	1.56721			.63189	.50737	1.27608
133	STD 2	7.56113			3.02662	3.01953	5.74128
134	STD 2	7.90137			3.11176	2.9899	5.90696
135	STD 3	14.9921			6.13665	6.08812	11.3966
136	STD 3	15.4085			6.23789	6.07463	11.6041
137	STD 3 VER	1.0172	1.0212	1.0191	1.0366	1.0327	1.0123
138	STD 3 VER	.97925	.98071	.99991	.99444	1.0295	.98513
139	STD BLK	.00151			.00257	-.08521	.10051
140	STD BLK	.03556			.00571	-.08219	.12452

#	Sample Name	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
1	AD613782	.00294	.00785	.00135	.00243	.00340	.00013
2	AD613783	.00228	.00392	.00172	.00296	.00321	.00020
3	AD613784	.00975	.00560	.00118	.00315	.00300	-.00001
4	AD613784/L (1:5)	.00386	-.00012	.00043	.00062	.00157	-.00018
5	AD613784/PS	.21436	.20172	.19991	.19311	.20218	.05110
6	AD613785/MS	.21597	.20519	.21024	.21120	.21139	.05138
7	AD613786/SD	.21049	.21305	.20805	.20850	.20909	.05081
8	AD613787	.06870	.00215	.00558	.00875	.00351	.00010
9	AD613788	.00601	.00434	.00075	.00380	.00312	.00013
10	AD613789	.00148	.00569	.00043	.00299	.00351	-.00010
11	AD613790	.00089	.00454	-.00020	.00347	.00126	-.00027
12	AD613791	.00230	.00420	.00000	.00621	.00354	.00006
13	AD613792	.00400	.00597	.00070	.00481	.00090	-.00003
14	AD613793	.00191	.00032	.00020	.00359	.00366	.00008
15	AD613794	.00005	.00194	.00055	.00164	.00194	-.00013
16	AD613795	.01638	-.00086	.00302	.02365	.00076	-.00005
17	AD613796	.00246	-.00172	.00070	.02159	.00330	.00038

#	Sample Name	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
18	AD613796/(1:5)	.00069	-.00004	.00040	.00418	.00220	.00036
19	AD613797	.01124	-.00179	.00355	.47281	.00201	.00001
20	AD613798	.00569	.00062	.00153	4.7327	.00266	-.00014
21	AD613798/(1:5)	.00124	-.00014	.00065	.97072	.00304	.00025
22	AD613799	.02949	-.00162	.00309	9.6021	.00256	-.00003
23	AD613799/(1:5)	.00601	-.00226	.00073	2.0163	.00227	-.00007
24	AD613800/FB	.19179	.19359	.19683	.20254	.19992	.04806
25	AD613801/PB	.00003	-.00090	.00030	.00157	.00158	-.00012
26	AD613822/(1:10)	.00148	-.00166	.00188	.00179	.00103	.00010
27	AD613829/(1:5)	.00422	-.00168	.00938	.07376	.00329	-.00007
28	AD613833/(1:10)	.00077	.00015	.00026	.01529	.00118	.00009
29	AD613840/FB	.20955	.20898	.20817	.21292	.20843	.05344
30	AD613841/PB	-.00007	-.00035	.00005	.00114	.00222	-.00035
31	AD613842	.00021	-.00279	-.00002	.00275	.00265	-.00059
32	AD613843	.00271	-.00536	.00032	.00605	.00275	.00008
33	AD613844	.00000	.00229	-.00028	.00208	.00176	-.00013
34	AD613845	.00020	-.00260	.00000	.00172	.00168	.00009
35	AD613846	.00020	.00232	-.00008	.00170	.00104	-.00010
36	AD613847	.00015	.00087	-.00022	.00144	.00245	.00002
37	AD613848	.00105	-.00034	.00000	.00186	.00079	.00012
38	AD613849	.00861	-.00070	.00054	.01723	.00283	-.00040
39	AD613849/(1:5)	.00259	-.00270	.00026	.00470	.00200	.00028
40	AD613850	.00651	-.00152	.00082	.01046	.00257	.00029
41	AD613851	.00136	.00138	.00026	.00592	.00443	-.00060
42	AD613851/(1:5)	.00062	-.00181	-.00006	.00153	.00191	.00009
43	AD613852	.00009	-.00089	-.00004	.00516	.00173	.00030
44	AD613853	.04944	-.00199	.00589	.03837	.00291	.00009
45	AD613853/(1:5)	.01558	-.00103	.00159	.00713	.00323	.00042
46	AD613854	.01228	-.00002	.00139	.01902	.00270	-.00018
47	AD613855	.00173	.00160	.00051	.00254	.00080	-.00005
48	AD613861/PB	.00015	-.00098	.00025	.00182	.00129	.00006
49	AD613862	.00018	-.00144	.00007	.00128	.00170	-.00008
50	AD613863	-.00001	-.00228	.00026	.00243	.00158	-.00046
51	AD613864	.00014	-.00448	-.00005	.00177	.00014	.00010
52	AD613865	.01016	-.00149	.00008	.00253	.00175	-.00017
53	AD613866	.00420	-.00182	.00099	.00267	-.00081	-.00008
54	AD613867	.00166	-.00155	.00089	.00183	.00206	.00034
55	AD613868	.00161	.00041	.00080	.00175	.00075	.00004
56	AD613869	.00035	-.00495	.00008	.00593	-.00152	-.00028
57	AD613869/L (1:5)	.00064	.00019	-.00003	.00164	.00162	.00007
58	AD613869/PS	.20414	.20420	.20435	.20228	.20758	.05134
59	AD613870/MS	.21409	.21591	.21229	.21962	.21257	.05392
60	AD613871/SD	.21385	.21140	.21171	.21753	.20909	.05296
61	AD613872	.02135	-.00097	.00196	.00688	.00114	-.00018
62	AD613873	.03375	-.00304	.00245	.00627	.00350	.00042
63	AD613874	.01950	.00062	.00178	.00398	.00050	-.00037
64	AD613875	.00556	-.00232	.00059	.00655	.00010	-.00051
65	AD613876	.02899	-.00018	.00201	.00697	.00177	.00032
66	AD613877	.01336	-.00187	.00259	.00518	.00286	.00046
67	AD613878	.00610	.00108	.00056	.00742	.00092	-.00010
68	AD613879	.00016	.00000	.00006	.00070	.00161	-.00012
69	AD613880/FB	.19830	.20028	.19897	.20317	.19898	.05015
70	AD613881/PB	.00009	-.00286	.00020	.00140	.00266	-.00041
71	AD613898	.00024	-.00295	.00051	.02503	.00168	-.00017

#	Sample Name	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
72	AD613898/FB	.20264	.19788	.19832	.20097	.19949	.05062
73	AD613899	.00004	.00092	.00058	.01519	.00013	.00029
74	AD613941/MD	.00030	.00394	.00029	.00310	.00171	.00014
75	AD613942/MS	.00038	.05127	.52158	.50754	.00136	.05074
76	AD613943	.00018	-.00171	.00021	.01491	.00205	.00028
77	AD613943/L (1:5)	.00007	-.00084	.00000	.00317	.00127	-.00024
78	AD613943/PS	.18643	.19046	.19093	.19453	.20257	.04852
79	AD613944/MD	-.00012	.00128	.00024	.02204	.00294	-.00018
80	AD613945/MS	.00009	.04893	.51129	.52098	.00194	.04959
81	AD613946	.00000	.00024	.00011	.03523	.00358	.00034
82	AD613947	-.00017	-.00005	.00029	.00192	.00248	.00022
83	AD613948	.00157	.00035	.00011	.00697	.00277	.00021
84	AD613949	.00515	.00043	.00160	.00543	.00590	-.00005
85	AD613986	.00014	-.00313	.00018	.00174	.00244	-.00026
86	AD613986/L (1:5)	.00016	-.00075	.00032	.00044	.00059	.00049
87	AD613986/PS	.20584	.20220	.20233	.19411	.19976	.05182
88	AD613987/MS	.19764	.19035	.19512	.19404	.19611	.05010
89	AD613988/SD	.20489	.19656	.20125	.20164	.19913	.05216
90	AD613990/PB	-.00034	-.00008	-.00018	.00062	.00248	-.00012
91	CCB	.00024	-.00037	.00030	-.00001	.00181	.00002
92	CCB	.00025	-.00091	.00024	-.00007	.00173	.00015
93	CCB	.00017	.00039	.00031	.00140	.00133	-.00009
94	CCB	.00014	.00157	.00031	.00166	.00088	.00041
95	CCB	.00015	.00235	-.00012	.00148	.00072	.00009
96	CCB	.00028	.00159	.00031	.00000	.00067	-.00020
97	CCB	.00047	-.00017	.00038	.00029	.00022	.00009
98	CCB	.00012	.00145	.00012	.00019	.00168	-.00022
99	CCB	.00015	.00088	.00037	-.00022	.00167	.00051
100	CCB	-.00002	-.00081	.00006	.00006	.00009	-.00004
101	CCB	.00036	-.00222	.00025	.00014	.00145	.00030
102	CCB	.00052	-.00139	.00026	-.00022	.00214	.00028
103	CCV	.51415	.50892	.50378	.49941	.51127	.49603
104	CCV	.49983	.49621	.49501	.48907	.50070	.48254
105	CCV	.50717	.50883	.50118	.49441	.50616	.48778
106	CCV	.50606	.50355	.50135	.49415	.50162	.48684
107	CCV	.51751	.50695	.50533	.49504	.50217	.49615
108	CCV	.52684	.51643	.51188	.49899	.50932	.50376
109	CCV	.53406	.51955	.51434	.50023	.51190	.51114
110	CCV	.51683	.51445	.50446	.49632	.50609	.49718
111	CCV	.51153	.50550	.50137	.49129	.50237	.49339
112	CCV	.51992	.51102	.50403	.49155	.49879	.50102
113	CCV	.52643	.50834	.50619	.49144	.49830	.50748
114	CCV	.53191	.51347	.50681	.49268	.49795	.51146
115	CRI	.00523	.02024	.00538	.02045	.00796	.00294
116	CRI	.00509	.01965	.00506	.02043	.00821	.00307
117	CRI	.00530	.01686	.00532	.01987	.00961	.00294
118	CRI	.00314	.01137	.00320	.01177	L.00457	.00201
119	ICB	.00004	.00266	.00036	.00005	.00080	.00004
120	ICB	.00035	.00144	.00043	.00019	.00050	-.00001
121	ICSA	.00099	.00899	-.00109	.00152	.00592	.00019
122	ICSA	.00089	.00819	-.00094	.00187	.00565	.00028
123	ICSA	.00089	.00162	-.00068	.00039	.00181	.00016
124	ICSA	.00104	-.00487	.00004	.00068	.00556	.00055
125	ICSAB	.00111	.10433	.49702	.93288	.00698	.21134

#	Sample Name	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
126	ICSAB	.00112	.10602	.50446	.94256	.00648	.21473
127	ICSAB	.00125	.10614	.50479	.94491	.00372	.21789
128	ICSAB	.00118	.10354	.50362	.92169	.00728	.21955
129	ICV	.38864	.38763	.37723	.37333	.37755	.37413
130	ICV	Q.39381	Q.39541	.38469	.38066	.38551	.37954
131	STD 1	5.56551	.59086	.27656	.24961	2.635	1.45023
132	STD 1	5.80252	.62049	.28301	.25222	2.67831	1.50159
133	STD 2	27.3387	3.11955	1.37436	1.22683	13.3977	7.25208
134	STD 2	28.7647	3.21152	1.42026	1.24477	13.3734	7.55356
135	STD 3	54.818	6.3711	2.75561	2.42921	26.8545	14.6687
136	STD 3	57.0127	6.46627	2.83201	2.44792	26.8566	15.1212
137	STD 3 VER	1.0348	1.0444	1.0325	1.0220	1.0293	1.0376
138	STD 3 VER	.98742	1.0115	.99621	.98044	.98418	.99493
139	STD BLK	.09624	-.01789	.00034	.00137	-.11212	-.00257
140	STD BLK	.10522	-.01102	.00035	.00142	-.10539	-.00249

Standardization Rpt. 03/30/06 09:46:44 AM page 1

Method: TRACE2 Standard: STD BLK
Run Time: 03/30/06 09:41:55

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	.05464	-.00668	.08808	.00463	.19888	.02484	-.02605
SDev	.00006	.00149	.01212	.00317	.00134	.00011	.00499
%RSD	.11081	22.298	13.756	68.517	.67594	.42119	19.152
#1	.05469	-.00774	.09665	.00688	.19983	.02476	-.02958
#2	.05460	-.00563	.07951	.00239	.19793	.02491	-.02252

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	-.00635	-.00119	.06406	.00017	-.02221	.01560	.00240
SDev	.00318	.00169	.00207	.00024	.02023	.00469	.00001
%RSD	50.174	141.42	3.2275	141.42	91.056	30.057	.55414
#1	-.00860	.00000	.06260	.00000	-.00791	.01892	.00241
#2	-.00410	-.00239	.06552	.00034	-.03651	.01229	.00239

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1
Avge	.01973	.01731	-.11270	.03276	.00151	.00258	-.08522
SDev	.01053	.00325	.00277	.01544	.01138	.00341	.03102
%RSD	53.355	18.747	2.4550	47.140	753.40	132.06	36.400
#1	.02717	.01960	-.11075	.04368	-.00653	.00499	-.06328
#2	.01229	.01502	-.11466	.02184	.00956	.00017	-.10715

Elem	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Avge	.10052	.09625	-.01790	.00034	.00137	-.11212	-.00258
SDev	.04949	.00673	.00637	.00000	.00001	.03405	.00316
%RSD	49.237	6.9965	35.579	.55414	.55414	30.370	122.70
#1	.13551	.09149	-.02240	.00034	.00138	-.13620	-.00482
#2	.06552	.10101	-.01339	.00034	.00137	-.08804	-.00034

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2919	--	--	--	--	--	--
SDev	16.17507	--	--	--	--	--	--
%RSD	.5541375	--	--	--	--	--	--
#1	2908	--	--	--	--	--	--
#2	2930	--	--	--	--	--	--

Standardization Rpt. 03/30/06 09:51:07 AM page 1

Method: TRACE2 Standard: STD 1
Run Time: 03/30/06 09:46:47

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	8.4066	.92517	1.6099	3.9342	6.4901	11.156	.67820
SDev	.0351	.00561	.0136	.0252	.0226	.045	.00287
%RSD	.41718	.60640	.84190	.63974	.34859	.40673	.42393
#1	8.3818	.92913	1.6004	3.9165	6.4741	11.124	.67617
#2	8.4314	.92120	1.6195	3.9520	6.5061	11.189	.68023

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Mo2020	Ni2316	2203/1
Avge	1.7500	.85684	1.5349	1.2783	1.7952	4.6063	1.5901
SDev	.0100	.00020	.0048	.0057	.0126	.0879	.0178
%RSD	.57030	.02374	.31554	.44785	.70460	1.9078	1.1206
#1	1.7430	.85698	1.5314	1.2742	1.7863	4.5442	1.6027
#2	1.7571	.85669	1.5383	1.2823	1.8042	4.6685	1.5775

Elem	2203/2	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924
Avge	1.5275	.61993	.55246	1.2624	5.5655	.59087	.27657
SDev	.0248	.00426	.03203	.0035	.0144	.00776	.00081
%RSD	1.6260	.68747	5.7977	.28105	.25802	1.3138	.29431
#1	1.5451	.62295	.52981	1.2599	5.5554	.58538	.27599
#2	1.5100	.61692	.57511	1.2649	5.5757	.59636	.27714

Elem	Zn2062	Sn1899	Ag3280
Avge	.24961	2.6350	1.4502
SDev	.00129	.0549	.0039
%RSD	.51591	2.0838	.26691
#1	.24870	2.5962	1.4530
#2	.25052	2.6738	1.4475

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2931	--	--	--	--	--	--
SDev	.9546632	--	--	--	--	--	--
%RSD	.0325763	--	--	--	--	--	--
#1	2931	--	--	--	--	--	--
#2	2930	--	--	--	--	--	--

Standardization Rpt. 03/30/06 09:55:31 AM page 1

Method: TRACE2 Standard: STD 2
Run Time: 03/30/06 09:51:11

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	41.828	4.5927	7.4269	19.725	31.514	54.995	3.4065
SDev	.065	.0281	.0173	.118	.120	.146	.0094
%RSD	.15495	.61270	.23302	.59674	.37936	.26625	.27481
#1	41.782	4.5728	7.4147	19.642	31.430	54.891	3.3998
#2	41.874	4.6126	7.4392	19.808	31.599	55.098	3.4131

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Mo2020	Ni2316	2203/1
Avge	8.6932	4.0353	7.6008	6.3302	8.8616	23.240	7.7553
SDev	.0241	.0087	.0241	.0209	.0633	.043	.0026
%RSD	.27765	.21487	.31678	.32968	.71392	.18311	.03345
#1	8.6761	4.0292	7.5837	6.3154	8.8168	23.209	7.7534
#2	8.7103	4.0415	7.6178	6.3450	8.9063	23.270	7.7571

Elem	2203/2	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924
Avge	7.5611	3.0266	3.0195	5.7413	27.339	3.1196	1.3744
SDev	.0315	.0055	.0050	.0465	.129	.0695	.0042
%RSD	.41613	.18207	.16537	.81053	.47180	2.2290	.30412
#1	7.5834	3.0305	3.0160	5.7742	27.248	3.0704	1.3714
#2	7.5389	3.0227	3.0231	5.7084	27.430	3.1687	1.3773

Elem	Zn2062	Sn1899	Ag3280
Avge	1.2268	13.398	7.2521
SDev	.0047	.027	.0062
%RSD	.37941	.20365	.08534
#1	1.2235	13.417	7.2477
#2	1.2301	13.378	7.2565

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2928	--	--	--	--	--	--
SDev	.1589955	--	--	--	--	--	--
%RSD	.0054297	--	--	--	--	--	--
#1	2928	--	--	--	--	--	--
#2	2928	--	--	--	--	--	--

Standardization Rpt. 03/30/06 10:00:23 AM page 1

Method: TRACE2 Standard: STD 3
Run Time: 03/30/06 09:55:35

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	84.577	9.2889	14.812	40.043	62.629	45.693	109.63
SDev	.066	.0106	.004	.076	.089	.082	.11
%RSD	.07849	.11357	.02897	.18968	.14171	.18042	.09990
#1	84.530	9.2815	14.809	39.989	62.566	45.634	109.55
#2	84.624	9.2964	14.815	40.096	62.691	45.751	109.71

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	6.7833	17.353	8.0603	15.126	59.330	89.218	12.620
SDev	.0048	.030	.0187	.010	.050	.079	.014
%RSD	.07113	.17090	.23243	.06738	.08369	.08869	.10765
#1	6.7799	17.332	8.0471	15.119	59.295	89.162	12.610
#2	6.7867	17.374	8.0736	15.133	59.366	89.274	12.629

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1
Avge	17.765	2.7597	46.315	15.439	14.992	6.1367	6.0881
SDev	.037	.0082	.014	.018	.019	.0131	.0475
%RSD	.20796	.29848	.03123	.11367	.12643	.21328	.77962
#1	17.739	2.7539	46.305	15.427	14.979	6.1459	6.1217
#2	17.791	2.7656	46.326	15.452	15.006	6.1274	6.0546

Elem	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Avge	11.397	54.818	6.3711	2.7556	2.4292	26.855	14.669
SDev	.137	.051	.0583	.0058	.0013	.112	.009
%RSD	1.2015	.09303	.91564	.21041	.05496	.41781	.06402
#1	11.300	54.782	6.3299	2.7515	2.4283	26.775	14.662
#2	11.493	54.854	6.4124	2.7597	2.4302	26.934	14.675

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2908	--	--	--	--	--	--
SDev	5.091134	--	--	--	--	--	--
%RSD	.1751020	--	--	--	--	--	--
#1	2911	--	--	--	--	--	--
#2	2904	--	--	--	--	--	--

Standardization Report 03/30/06 10:00:23 AM page 1

Method: TRACE2 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	.596453	-.032390	03/30/06 09:55:35
As1890	189.042	Multiple	Standards	.107865	.000717	03/30/06 09:55:35
B_2496	249.678	Multiple	Standards	.067928	-.006003	03/30/06 09:55:35
Ba4934	493.409	Multiple	Standards	.025257	-.000110	03/30/06 09:55:35
Be3130	313.042	Multiple	Standards	.015963	-.003178	03/30/06 09:55:35
Ca3179	317.933	STD 3	STD BLK	.882839	-.003191	03/30/06 09:55:35
Cd2265	226.502	Multiple	Standards	.009058	.000226	03/30/06 09:55:35
Co2286	228.616	Multiple	Standards	.146942	.000929	03/30/06 09:55:35
Cr2677	267.716	Multiple	Standards	.057497	.000064	03/30/06 09:55:35
Cu3247	324.753	Multiple	Standards	.125727	-.008051	03/30/06 09:55:35
Fe2714	271.441	Multiple	Standards	3.28482	-.000913	03/30/06 09:55:35
K_7664	766.491	STD 3	STD BLK	1.14335	.012074	03/30/06 09:55:35
Mg2790	279.078	STD 3	STD BLK	.932893	-.001356	03/30/06 09:55:35
Mn2576	257.610	Multiple	Standards	.078884	-.000195	03/30/06 09:55:35
Mo2020	202.030	Multiple	Standards	.056401	-.001114	03/30/06 09:55:35
Na3302	330.232	STD 3	STD BLK	1.25053	-.012421	03/30/06 09:55:35
Ni2316	231.604	Multiple	Standards	.021353	.002399	03/30/06 09:55:35
2203/1	220.351	Multiple	Standards	.065769	-.002160	03/30/06 09:55:35
2203/2	220.352	Multiple	Standards	.065581	-.000107	03/30/06 09:55:35
PB2203	220.353	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
SE1960	196.026	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Sb2068	206.838	Multiple	Standards	.164486	-.000431	03/30/06 09:55:35
1960/1	196.021	Multiple	Standards	.159744	.013596	03/30/06 09:55:35
1960/2	196.022	Multiple	Standards	.085172	-.008577	03/30/06 09:55:35
Ti3372	337.280	Multiple	Standards	.018304	-.001762	03/30/06 09:55:35
Tl1908	190.864	Multiple	Standards	.158189	.002854	03/30/06 09:55:35
V_2924	292.402	Multiple	Standards	.363289	-.000127	03/30/06 09:55:35
Zn2062	206.200	Multiple	Standards	.406959	-.000568	03/30/06 09:55:35
Sn1899	189.989	Multiple	Standards	.036831	.004119	03/30/06 09:55:35
Ag3280	328.068	Multiple	Standards	.068635	.000180	03/30/06 09:55:35

Standardization Readback Report 03/30/06 10:00:23 AM page 1

Method: TRACE2

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	STD BLK	.000000	.000202	-.000202
		STD 1	5.00000	4.98176	.018237
		STD 2	25.0000	24.9161	.083921
		STD 3	50.0000	50.4139	-.413910

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	STD BLK	.000000	-.000004	.000004
		STD 1	.100000	.100510	-.000510
		STD 2	.500000	.496114	.003886
		STD 3	1.00000	1.00267	-.002668

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	STD BLK	.000000	-.000020	.000020
		STD 1	.100000	.103357	-.003357
		STD 2	.500000	.498492	.001508
		STD 3	1.00000	1.00015	-.000149

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	STD BLK	.000000	.000007	-.000007
		STD 1	.100000	.099258	.000742
		STD 2	.500000	.498083	.001917
		STD 3	1.00000	1.01125	-.011255

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	STD BLK	.000000	-.000004	.000004
		STD 1	.100000	.100423	-.000423
		STD 2	.500000	.499883	.000117
		STD 3	1.00000	.996560	.003440

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Ca3179	317.933	STD BLK	.018737	.024837	-.006100
		STD 3	40.3360	45.6925	-5.35658

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	STD BLK	.000000	-.000010	.000010
		STD 1	.100000	.101281	-.001281
		STD 2	.500000	.498369	.001631
		STD 3	1.00000	.993243	.006757

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.100586	-.000586
		STD 2	.500000	.501482	-.001482
		STD 3	1.00000	.997677	.002323

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	STD BLK	.000000	-.000005	.000005
		STD 1	.100000	.100684	-.000684
		STD 2	.500000	.499894	.000106
		STD 3	1.00000	.997809	.002191

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	STD BLK	.000000	.000003	-.000003
		STD 1	.100000	.099677	.000323
		STD 2	.500000	.499301	.000699
		STD 3	1.00000	1.00535	-.005352

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	STD BLK	.000000	-.000352	.000352
		STD 1	5.00000	5.04085	-.040849
		STD 2	25.0000	24.9662	.033794
		STD 3	50.0000	49.6856	.314362

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	STD BLK	-.013323	-.022212	.008889
		STD 3	67.8475	59.3304	8.51711

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Mg2790	279.078	STD BLK	.013197	.015601	-.002403
		STD 3	83.2299	89.2184	-5.98851

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	STD BLK	.000000	-.000006	.000006
		STD 1	.100000	.100640	-.000640
		STD 2	.500000	.499159	.000841
		STD 3	1.00000	.995285	.004715

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	STD BLK	.000000	-.000001	.000001
		STD 1	.100000	.100139	-.000139
		STD 2	.500000	.498689	.001311
		STD 3	1.00000	1.00083	-.000831

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	STD BLK	.009225	.017310	-.008085
		STD 3	3.43872	2.75974	.678981

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	STD BLK	.000000	-.000008	.000008
		STD 1	.100000	.100757	-.000757
		STD 2	.500000	.498632	.001368
		STD 3	1.00000	.991369	.008631

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	STD BLK	.000000	-.000006	.000006
		STD 1	.100000	.102422	-.002422
		STD 2	.500000	.507896	-.007896
		STD 3	1.00000	1.01325	-.013252

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	STD BLK	.000000	-.000008	.000008
		STD 1	.100000	.100069	-.000069
		STD 2	.500000	.495758	.004242
		STD 3	1.00000	.983088	.016912

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
PB2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
SE1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	STD BLK	.000000	-.000007	.000007
		STD 1	.100000	.101539	-.001539
		STD 2	.500000	.497406	.002594
		STD 3	1.00000	1.00896	-.008963

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	STD BLK	.000000	-.000017	.000017
		STD 1	.100000	.101849	-.001849
		STD 2	.500000	.495950	.004050
		STD 3	1.00000	.986140	.013860

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	STD BLK	.000000	-.000016	.000016
		STD 1	.100000	.098944	.001056
		STD 2	.500000	.480422	.019578
		STD 3	1.00000	.962096	.037904

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3372	337.280	STD BLK	.000000	-.000001	.000001
		STD 1	.100000	.100106	-.000106
		STD 2	.500000	.498633	.001367
		STD 3	1.00000	1.00160	-.001599

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	STD BLK	.000000	.000023	-.000023
		STD 1	.100000	.096323	.003677
		STD 2	.500000	.496335	.003665
		STD 3	1.00000	1.01070	-.010695

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	STD BLK	.000000	-.000002	.000002
		STD 1	.100000	.100348	-.000348
		STD 2	.500000	.499165	.000835
		STD 3	1.00000	1.00096	-.000957

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	STD BLK	.000000	-.000010	.000010
		STD 1	.100000	.101014	-.001014
		STD 2	.500000	.498705	.001295
		STD 3	1.00000	.988024	.011976

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	STD BLK	.000000	-.000010	.000010
		STD 1	.100000	.101168	-.001168
		STD 2	.500000	.497564	.002436
		STD 3	1.00000	.993188	.006812

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	STD BLK	.000000	.000003	-.000003
		STD 1	.100000	.099717	.000283
		STD 2	.500000	.497929	.002071
		STD 3	1.00000	1.00697	-.006968

CorCoef: 0.99998

Analysis Report Blank Sample 03/30/06 10:05:14 AM page 1

Method: TRACE2 Sample Name: STD 3 VER Operator: SW
Run Time: 03/30/06 10:00:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	51.975	1.0352	1.0187	1.0482	1.0278	52.200	1.0241
SDev	.285	.0068	.0048	.0036	.0047	.270	.0047
%RSD	.54913	.65380	.47036	.34540	.45489	.51730	.45804
#1	51.773	1.0304	1.0153	1.0456	1.0245	52.009	1.0208
#2	52.177	1.0400	1.0221	1.0508	1.0311	52.391	1.0275
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0269	1.0264	1.0349	51.249	52.278	51.960	1.0251
SDev	.0039	.0064	.0057	.209	.210	.235	.0044
%RSD	.37801	.62141	.55408	.40691	.40170	.45192	.43323
#1	1.0242	1.0219	1.0309	51.102	52.130	51.794	1.0220
#2	1.0297	1.0309	1.0390	51.397	52.427	52.126	1.0283
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0355	51.856	1.0252	1.0292	1.0172	1.0212	1.0191
SDev	.0091	.191	.0038	.0044	.0123	.0096	.0004
%RSD	.87842	.36786	.37278	.42322	1.2070	.94393	.03441
#1	1.0291	51.721	1.0225	1.0261	1.0085	1.0144	1.0188
#2	1.0419	51.991	1.0279	1.0323	1.0259	1.0280	1.0193
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0366	1.0327	1.0123	1.0348	1.0444	1.0325	1.0220
SDev	.0026	.0042	.0016	.0048	.0100	.0040	.0043
%RSD	.24930	.41095	.15767	.46803	.95504	.38268	.41808
#1	1.0348	1.0297	1.0134	1.0314	1.0374	1.0297	1.0190
#2	1.0384	1.0357	1.0111	1.0383	1.0515	1.0353	1.0250
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	1.0293	1.0376
SDev	.0041	.0047
%RSD	.40120	.45333
#1	1.0263	1.0343
#2	1.0322	1.0409
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2844	--	--	--	--	--	--
SDev	5.409298	--	--	--	--	--	--
%RSD	.1902054	--	--	--	--	--	--
#1	2848	--	--	--	--	--	--
#2	2840	--	--	--	--	--	--

Analysis Report QC Standard 03/30/06 10:13:40 AM page 1

Method: TRACE2 Sample Name: ICV Operator: SW
Run Time: 03/30/06 10:08:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.806	.37386	Q.35565	.37573	.37736	19.033	.37058
SDev	.027	.00338	.00198	.00102	.00057	.021	.00025
%RSD	.14098	.90504	.55818	.27033	.15145	.10944	.06785
#1	18.787	.37625	Q.35425	.37501	.37696	19.019	.37040
#2	18.825	.37147	.35705	.37644	.37777	19.048	.37076
Errors	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass
Value	18.750	.37500	.37500	.37500	.37500	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37230	.37373	.39172	18.722	18.535	18.905	.37966
SDev	.00018	.00014	.00036	.004	.003	.028	.00007
%RSD	.04981	.03626	.09100	.02319	.01439	.14760	.01803
#1	.37243	.37383	.39146	18.725	18.537	18.885	.37971
#2	.37217	.37364	.39197	18.719	18.533	18.925	.37961
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500	.37500	.37500	18.750	18.750	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37745	18.743	.37908	.37724	.37753	.37743	.37822
SDev	.00178	.086	.00040	.00150	.00126	.00134	.00306
%RSD	.47157	.45860	.10691	.39788	.33432	.35547	.81009
#1	.37619	18.804	.37880	.37618	.37663	.37648	.37605
#2	.37871	18.682	.37937	.37830	.37842	.37838	.38039
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.37500	18.750	.37500			.37500	.37500
Range	5.0000	5.0000	5.0000			5.0000	5.0000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37893	.38028	.37720	.38864	.38763	.37724	.37334
SDev	.00010	.00840	.00040	.00054	.00079	.00034	.00076
%RSD	.02496	2.2092	.10483	.13953	.20323	.08901	.20292
#1	.37886	.37434	.37692	.38826	.38819	.37700	.37387
#2	.37900	.38622	.37748	.38902	.38707	.37748	.37280
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500			.37500	.37500	.37500	.37500
Range	5.0000			5.0000	5.0000	5.0000	5.0000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.37755	.37413
SDev	.00297	.00025
%RSD	.78638	.06766
#1	.37545	.37395
#2	.37965	.37431
Errors	QC Pass	QC Pass
Value	.37500	.37500
Range	5.0000	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2940	--	--	--	--	--	--
SDev	3.287978	--	--	--	--	--	--
%RSD	.1118445	--	--	--	--	--	--
#1	2942	--	--	--	--	--	--
#2	2937	--	--	--	--	--	--

Analysis Report Blank Sample 03/30/06 10:18:30 AM page 1

Method: TRACE2 Sample Name: ICB Operator: SW
Run Time: 03/30/06 10:13:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00343	-.00074	.00227	.00007	.00002	-.00078	.00001
SDev	.00169	.00265	.00032	.00001	.00002	.00078	.00006
%RSD	49.123	359.89	14.035	7.9586	103.64	100.25	757.20
#1	.00224	.00114	.00205	.00007	.00004	-.00023	-.00003
#2	.00463	-.00261	.00250	.00008	.00001	-.00133	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00017	-.00006	-.00037	-.00481	.00255	.00154	.00003
SDev	.00028	.00007	.00007	.00867	.02294	.00015	.00009
%RSD	167.55	109.59	17.967	180.06	900.11	9.3731	288.30
#1	.00003	-.00001	-.00032	.00132	.01877	.00164	-.00003
#2	-.00037	-.00011	-.00042	-.01094	-.01367	.00144	.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00054	-.34999	-.00017	.00210	-.00037	.00045	.00130
SDev	.00053	.03025	.00029	.00363	.00028	.00140	.00129
%RSD	97.191	8.6436	171.04	172.61	76.419	309.84	99.421
#1	.00017	-.32860	.00003	-.00046	-.00057	-.00054	.00039
#2	.00091	-.37138	-.00037	.00467	-.00017	.00144	.00221
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00051	-.00085	.00238	.00005	.00266	.00037	.00005
SDev	.00124	.00358	.00015	.00008	.00566	.00000	.00029
%RSD	245.67	418.55	6.2648	171.23	212.71	.00127	549.95
#1	.00138	-.00338	.00227	-.00001	-.00134	.00037	-.00015
#2	-.00037	.00167	.00248	.00010	.00667	.00037	.00026
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00081	.00004
SDev	.00006	.00026
%RSD	6.8983	654.58
#1	.00077	.00023
#2	.00085	-.00015
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2946	--	--	--	--	--	--
SDev	2.333487	--	--	--	--	--	--
%RSD	.0791986	--	--	--	--	--	--
#1	2945	--	--	--	--	--	--
#2	2948	--	--	--	--	--	--

Analysis Report Blank Sample 03/30/06 10:23:20 AM page 1

Method: TRACE2 Sample Name: CRI Operator: SW
Run Time: 03/30/06 10:18:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19710	.00943	.04952	.00200	.00203	.48455	.00107
SDev	.00085	.00097	.00029	.00001	.00001	.00143	.00008
%RSD	.42852	10.283	.58810	.23415	.35939	.29585	7.7840
#1	.19770	.01012	.04973	.00200	.00202	.48557	.00112
#2	.19650	.00875	.04931	.00201	.00203	.48354	.00101
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.07500	.00300	.00300	.75000	.00150
Low	.10000	.00500	.02500	.00100	.00100	.25000	.00050

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00390	.00449	.01000	.06288	.44183	.20579	.00305
SDev	.00026	.00008	.00027	.00443	.00913	.00069	.00004
%RSD	6.7371	1.7392	2.7399	7.0421	2.0668	.33495	1.3304
#1	.00371	.00443	.00981	.06601	.44829	.20627	.00308
#2	.00409	.00454	.01019	.05975	.43538	.20530	.00302
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00972	.86732	.00963	.00401	.00664	.00576	.01707
SDev	.00007	.00117	.00007	.00157	.00023	.00037	.00068
%RSD	.70618	.13513	.68234	39.186	3.5299	6.3660	3.9901
#1	.00967	.86649	.00967	.00290	.00680	.00550	.01756
#2	.00977	.86815	.00958	.00512	.00647	.00602	.01659
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01500	1.5000	.01500			.00750	.02250
Low	.00500	.50000	.00500			.00250	.00750

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01970	.01433	.01844	.00524	.02025	.00539	.02045
SDev	.00166	.00158	.00181	.00027	.00185	.00012	.00019
%RSD	8.4410	11.042	9.8313	5.2342	9.1480	2.1484	.91651
#1	.02087	.01321	.01973	.00504	.02156	.00531	.02059
#2	.01852	.01545	.01716	.00543	.01894	.00547	.02032
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.03000			.00750	.03000	.00750	.03000
Low	.01000			.00250	.01000	.00250	.01000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00797	.00294
SDev	.00061	.00015
%RSD	7.6678	4.9790
#1	.00840	.00284
#2	.00754	.00305
Errors	LC Pass	LC Pass
High	.01500	.00450
Low	.00500	.00150

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2932	--	--	--	--	--	--
SDev	14.95541	--	--	--	--	--	--
%RSD	.5099884	--	--	--	--	--	--
#1	2943	--	--	--	--	--	--
#2	2922	--	--	--	--	--	--

Analysis Report QC Standard 03/30/06 10:28:10 AM page 1

Method: TRACE2 Sample Name: ICSA Operator: SW
Run Time: 03/30/06 10:23:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	507.43	.00175	.00803	.01143	.00142	529.67	.00391
SDev	.39	.00320	.00057	.00003	.00001	1.10	.00024
%RSD	.07604	182.67	7.1469	.29856	.98518	.20823	6.1092
#1	507.15	.00401	.00844	.01141	.00141	528.89	.00408
#2	507.70	-.00051	.00763	.01146	.00143	530.45	.00374
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value	500.00					500.00	
Range	100.00					100.00	

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00066	-.01276	.00138	194.29	-.01251	518.48	.00010
SDev	.00039	.00033	.00001	.33	.01337	.31	.00000
%RSD	59.005	2.5564	.80744	.16810	106.93	.05993	.36282
#1	.00038	-.01253	.00137	194.06	-.00305	518.26	.00010
#2	.00093	-.01299	.00139	194.53	-.02196	518.70	.00010
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK	QC Pass	NOCHECK
Value				200.00		500.00	
Range				40.000		100.00	

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00089	-.22343	-.00014	.04020	-.01954	.00035	.00434
SDev	.00088	.12166	.00048	.00227	.00295	.00122	.00653
%RSD	98.771	54.453	349.54	5.6351	15.117	344.56	150.59
#1	.00027	-.13740	.00020	.03860	-.01745	.00121	-.00028
#2	.00151	-.30945	-.00048	.04181	-.02163	-.00051	.00895
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00165	.00538	.00382	.00100	.00900	-.00109	.00152
SDev	.00119	.00564	.00697	.00006	.00321	.00019	.00042
%RSD	71.774	104.94	182.74	6.4489	35.632	17.331	27.698
#1	.00249	.00139	-.00112	.00104	.00673	-.00122	.00182
#2	.00081	.00937	.00875	.00095	.01126	-.00096	.00123
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00593	.00019
SDev	.00040	.00031
%RSD	6.7573	159.82
#1	.00564	.00041
#2	.00621	-.00003
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2681	--	--	--	--	--	--
SDev	3.287978	--	--	--	--	--	--
%RSD	.1226217	--	--	--	--	--	--
#1	2684	--	--	--	--	--	--
#2	2679	--	--	--	--	--	--

Analysis Report QC Standard 03/30/06 10:33:00 AM page 1

Method: TRACE2 Sample Name: ICSAB Operator: SW
Run Time: 03/30/06 10:28:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	512.50	.10455	.01419	.50055	.49433	542.94	.96679
SDev	.36	.00088	.00028	.00108	.00066	1.19	.00030
%RSD	.07054	.84156	1.9709	.21618	.13319	.21889	.03137
#1	512.25	.10518	.01399	.49978	.49387	542.10	.96658
#2	512.76	.10393	.01439	.50131	.49480	543.78	.96700
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49106	.48427	.53791	96.806	-.00074	487.41	.49466
SDev	.00116	.00065	.00059	.088	.01134	.42	.00052
%RSD	.23673	.13331	.10939	.09047	1525.5	.08700	.10419
#1	.49024	.48381	.53749	96.744	.00727	487.11	.49430
#2	.49189	.48473	.53833	96.868	-.00876	487.71	.49503
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00083	-.15329	.91720	.09491	.02696	.04959	.05260
SDev	.00092	.01088	.00206	.00412	.00253	.00032	.00220
%RSD	110.82	7.0961	.22474	4.3386	9.3827	.63699	4.1780
#1	.00148	-.16098	.91574	.09782	.02517	.04936	.05105
#2	.00018	-.14560	.91866	.09200	.02875	.04981	.05416
Errors	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value			1.0000			.05000	.05000
Range			.20000			.01000	.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.60843	.04844	.05468	.00112	.10433	.49702	.93288
SDev	.00081	.00349	.00504	.00010	.00134	.00069	.00106
%RSD	.13225	7.1979	9.2166	8.9382	1.2871	.13958	.11333
#1	.60900	.05091	.05112	.00119	.10338	.49653	.93213
#2	.60786	.04597	.05825	.00105	.10528	.49752	.93363
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.60000				.10000	.50000	1.0000
Range	.12000				.02000	.10000	.20000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00699	.21134
SDev	.00002	.00062
%RSD	.27846	.29174
#1	.00700	.21091
#2	.00697	.21178
Errors	NOCHECK	QC Pass
Value		.20000
Range		.04000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2725	--	--	--	--	--	--
SDev	.3181635	--	--	--	--	--	--
%RSD	.0116768	--	--	--	--	--	--
#1	2725	--	--	--	--	--	--
#2	2725	--	--	--	--	--	--

Analysis Report QC Standard 03/30/06 10:39:10 AM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 03/30/06 10:34:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.068	.48965	.47127	.48467	.50544	25.373	.49626
SDev	.028	.00336	.00156	.00171	.00044	.022	.00004
%RSD	.11230	.68685	.33012	.35306	.08740	.08859	.00721
#1	25.088	.48727	.47017	.48346	.50513	25.357	.49623
#2	25.048	.49202	.47237	.48588	.50575	25.389	.49628
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50138	.50491	.52061	25.300	25.093	25.225	.51326
SDev	.00016	.00022	.00007	.003	.100	.007	.00008
%RSD	.03238	.04443	.01318	.00998	.39921	.02951	.01481
#1	.50149	.50475	.52056	25.298	25.164	25.220	.51332
#2	.50126	.50507	.52066	25.302	25.022	25.230	.51321
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50553	24.758	.50582	.50581	.50130	.50280	.50008
SDev	.00133	.026	.00026	.00167	.00032	.00035	.00447
%RSD	.26271	.10301	.05205	.33023	.06293	.06878	.89395
#1	.50459	24.776	.50563	.50699	.50107	.50304	.50324
#2	.50647	24.740	.50600	.50463	.50152	.50256	.49692
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49756	.50541	.49742	.51415	.50893	.50379	.49942
SDev	.00597	.00433	.00454	.00013	.00452	.00010	.00011
%RSD	1.1998	.85620	.91313	.02598	.88808	.02032	.02182
#1	.50179	.50847	.50064	.51406	.51212	.50386	.49950
#2	.49334	.50235	.49421	.51424	.50573	.50371	.49934
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.51128	.49604
SDev	.00039	.00081
%RSD	.07695	.16275
#1	.51156	.49547
#2	.51100	.49661
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2905	--	--	--	--	--	--
SDev	4.666801	--	--	--	--	--	--
%RSD	.1606569	--	--	--	--	--	--
#1	2902	--	--	--	--	--	--
#2	2908	--	--	--	--	--	--

Analysis Report Blank Sample 03/30/06 10:44:00 AM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 03/30/06 10:39:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02841	.00114	.00072	.00013	.00008	.02654	.00015
SDev	.02849	.00169	.00092	.00003	.00006	.02684	.00013
%RSD	100.28	147.77	127.20	18.991	79.813	101.15	89.928
#1	.00827	-.00005	.00007	.00011	.00003	.00756	.00005
#2	.04856	.00233	.00137	.00015	.00012	.04552	.00024
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	.00017	-.00019	.01528	-.01070	.03008	.00006
SDev	.00028	.00023	.00014	.01345	.01506	.03013	.00002
%RSD	355.28	137.08	71.037	88.011	140.75	100.18	32.515
#1	.00028	.00001	-.00029	.00577	-.00005	.00877	.00005
#2	-.00012	.00034	-.00010	.02479	-.02135	.05138	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00082	-.28922	-.00017	-.00031	.00090	.00050	.00105
SDev	.00000	.12626	.00008	.00170	.00029	.00037	.00037
%RSD	.50387	43.655	47.647	555.77	32.147	74.395	35.066
#1	.00082	-.37851	-.00011	.00089	.00070	.00076	.00131
#2	.00082	-.19994	-.00023	-.00150	.00111	.00024	.00079
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00127	-.00022	.00169	.00025	-.00037	.00031	-.00001
SDev	.00122	.00152	.00021	.00005	.00176	.00009	.00020
%RSD	96.181	706.63	12.320	19.828	471.93	28.389	1367.6
#1	.00214	.00086	.00154	.00028	.00087	.00037	-.00015
#2	.00041	-.00129	.00183	.00021	-.00161	.00024	.00012
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00181	.00003
SDev	.00315	.00008
%RSD	173.85	292.58
#1	.00404	.00009
#2	-.00042	-.00003
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2944	--	--	--	--	--	--
SDev	5.833631	--	--	--	--	--	--
%RSD	.1981700	--	--	--	--	--	--
#1	2948	--	--	--	--	--	--
#2	2940	--	--	--	--	--	--

Analysis Report 03/30/06 10:48:50 AM page 1

Method: TRACE2 Sample Name: AD613941/MD Operator: SW
Run Time: 03/30/06 10:44:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05012	.01241	3.5670	3.3057	.00031	247.52	.00010
SDev	.04793	.00063	.0035	.0018	.00010	.19	.00021
%RSD	95.626	5.0682	.09828	.05343	33.850	.07598	209.71
#1	.01623	.01196	3.5695	3.3044	.00023	247.65	-.00005
#2	.08402	.01285	3.5645	3.3069	.00038	247.38	.00025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00342	.00137	-.00022	18.886	50.677	152.24	.38268
SDev	.00011	.00040	.00034	.030	.069	.18	.00053
%RSD	3.2072	29.023	154.10	.15816	.13692	.11939	.13746
#1	.00350	.00165	-.00045	18.907	50.726	152.37	.38305
#2	.00334	.00109	.00002	18.865	50.628	152.11	.38231
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00129	172.59	.00768	.00114	.00051	.00072	.00260
SDev	.00019	.31	.00000	.00126	.00146	.00055	.00129
%RSD	14.938	.17680	.03465	110.22	283.01	76.538	49.461
#1	.00115	172.81	.00768	.00203	-.00052	.00033	.00169
#2	.00142	172.38	.00767	.00025	.00154	.00111	.00351
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00132	.00366	.00207	.00030	.00395	.00030	.00311
SDev	.00058	.00568	.00091	.00002	.00267	.00027	.00030
%RSD	43.924	155.36	44.092	7.0380	67.643	90.312	9.5482
#1	-.00091	-.00036	.00272	.00029	.00584	.00011	.00290
#2	-.00173	.00768	.00143	.00032	.00206	.00049	.00332
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00171	.00014
SDev	.00017	.00086
%RSD	9.9540	596.23
#1	.00183	-.00046
#2	.00159	.00075
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2883	--	--	--	--	--	--
SDev	1.484993	--	--	--	--	--	--
%RSD	.0515033	--	--	--	--	--	--
#1	2882	--	--	--	--	--	--
#2	2884	--	--	--	--	--	--

Analysis Report 03/30/06 10:53:40 AM page 1

Method: TRACE2 Sample Name: AD613942/MS Operator: SW
Run Time: 03/30/06 10:48:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.1316	.05592	3.5818	5.4938	.05218	249.68	.04972
SDev	.0280	.00040	.0031	.0187	.00001	.57	.00005
%RSD	1.3121	.70901	.08749	.33956	.00903	.22966	.10704
#1	2.1118	.05564	3.5840	5.5070	.05218	250.08	.04969
#2	2.1513	.05620	3.5796	5.4806	.05218	249.27	.04976
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51735	.20763	.26007	22.192	50.670	152.61	.89534
SDev	.00160	.00057	.00112	.033	.116	.30	.00089
%RSD	.30842	.27453	.42943	.15090	.22881	.19614	.09926
#1	.51848	.20803	.26086	22.216	50.752	152.82	.89597
#2	.51622	.20722	.25928	22.168	50.588	152.40	.89471
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00060	173.82	.51238	.02017	.02386	.02263	.05651
SDev	.00057	.51	.00047	.00120	.00032	.00061	.00596
%RSD	94.075	.29405	.09235	5.9593	1.3302	2.7042	10.538
#1	.00101	174.18	.51272	.02102	.02408	.02306	.05230
#2	.00020	173.46	.51205	.01932	.02363	.02220	.06072
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10525	.05374	.05789	.00038	.05127	.52159	.50755
SDev	.00115	.00047	.00870	.00012	.00121	.00126	.00061
%RSD	1.0926	.87278	15.024	31.756	2.3581	.24131	.12025
#1	.10606	.05341	.05174	.00047	.05042	.52248	.50798
#2	.10444	.05407	.06404	.00030	.05213	.52070	.50712
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00137	.05075
SDev	.00089	.00012
%RSD	64.809	.23076
#1	.00200	.05066
#2	.00074	.05083
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2878	--	--	--	--	--	--
SDev	.0531711	--	--	--	--	--	--
%RSD	.0018474	--	--	--	--	--	--
#1	2878	--	--	--	--	--	--
#2	2878	--	--	--	--	--	--

Analysis Report 03/30/06 10:58:30 AM page 1

Method: TRACE2 Sample Name: AD613943 Operator: SW
Run Time: 03/30/06 10:53:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02030	.00351	.49748	.09408	.00018	211.99	.00003
SDev	.00142	.00060	.00086	.00074	.00003	.51	.00019
%RSD	6.9767	17.079	.17293	.78183	14.810	.24116	640.92
#1	.02130	.00393	.49809	.09460	.00019	212.35	.00017
#2	.01930	.00308	.49687	.09356	.00016	211.62	-.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00247	.00028	.00179	1.5162	14.328	29.595	1.9145
SDev	.00011	.00018	.00011	.0011	.001	.012	.0005
%RSD	4.4880	64.811	6.1982	.07384	.00792	.03947	.02451
#1	.00255	.00015	.00187	1.5154	14.329	29.604	1.9148
#2	.00239	.00041	.00171	1.5170	14.328	29.587	1.9142
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00167	55.640	.01134	-.00300	.00042	-.00072	.00575
SDev	.00020	.021	.00001	.00076	.00178	.00144	.00168
%RSD	11.819	.03732	.10139	25.210	427.07	199.05	29.277
#1	.00181	55.655	.01135	-.00354	-.00084	-.00174	.00694
#2	.00153	55.626	.01133	-.00247	.00167	.00029	.00456
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00188	.00891	.00416	.00019	-.00171	.00022	.01492
SDev	.00308	.00425	.00040	.00000	.00193	.00036	.00013
%RSD	163.53	47.674	9.5883	1.9786	112.82	161.96	.86448
#1	.00029	.01192	.00445	.00019	-.00035	-.00003	.01501
#2	-.00406	.00591	.00388	.00018	-.00308	.00047	.01483
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00206	.00029
SDev	.00025	.00032
%RSD	12.072	111.17
#1	.00223	.00051
#2	.00188	.00006
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2892	--	--	--	--	--	--
SDev	5.515468	--	--	--	--	--	--
%RSD	.1907394	--	--	--	--	--	--
#1	2888	--	--	--	--	--	--
#2	2896	--	--	--	--	--	--

Analysis Report 03/30/06 11:03:20 AM page 1

Method: TRACE2 Sample Name: AD613943/L (1:5) Operator: SW
Run Time: 03/30/06 10:58:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00774	.00189	.10403	.01900	.00009	41.774	-.00000
SDev	.00068	.00065	.00052	.00014	.00002	.041	.00016
%RSD	8.8249	34.669	.50478	.74769	22.088	.09768	4511.5
#1	.00726	.00142	.10366	.01910	.00008	41.745	-.00012
#2	.00823	.00235	.10440	.01890	.00011	41.803	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00042	.00003	.00047	.32129	2.6403	6.0634	.39641
SDev	.00036	.00013	.00001	.01564	.0031	.0116	.00064
%RSD	84.947	486.92	1.9425	4.8679	.11773	.19122	.16220
#1	.00017	.00012	.00048	.31023	2.6425	6.0552	.39596
#2	.00067	-.00006	.00047	.33235	2.6381	6.0716	.39687
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00000	11.092	.00221	-.00186	.00105	.00008	.00076
SDev	.00002	.077	.00044	.00116	.00018	.00026	.00143
%RSD	1058.4	.69590	20.072	62.216	17.389	315.70	187.70
#1	-.00002	11.038	.00189	-.00104	.00092	.00027	-.00025
#2	.00001	11.147	.00252	-.00268	.00118	-.00010	.00177
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00018	-.00109	.00169	.00008	-.00085	-.00001	.00318
SDev	.00052	.00034	.00197	.00005	.00078	.00000	.00032
%RSD	288.41	31.172	116.74	61.029	92.219	6.1483	10.141
#1	.00019	-.00133	.00029	.00011	-.00030	-.00001	.00295
#2	-.00055	-.00085	.00308	.00004	-.00140	-.00001	.00341
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00128	-.00025
SDev	.00127	.00010
%RSD	99.620	39.693
#1	.00038	-.00032
#2	.00217	-.00018
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2891	--	--	--	--	--	--
SDev	17.76606	--	--	--	--	--	--
%RSD	.6145963	--	--	--	--	--	--
#1	2903	--	--	--	--	--	--
#2	2878	--	--	--	--	--	--

Analysis Report 03/30/06 11:08:10 AM page 1

Method: TRACE2 Sample Name: AD613943/PS Operator: SW
Run Time: 03/30/06 11:03:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.6965	.19051	.67097	.27632	.18911	214.03	.18639
SDev	.0008	.00275	.00057	.00099	.00005	.06	.00013
%RSD	.00805	1.4437	.08498	.35730	.02660	.02634	.06923
#1	9.6970	.18857	.67057	.27702	.18908	213.99	.18629
#2	9.6959	.19246	.67137	.27562	.18915	214.07	.18648
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18899	.19113	.19936	11.104	24.808	38.581	2.0657
SDev	.00004	.00149	.00022	.015	.035	.036	.0021
%RSD	.02143	.77859	.11298	.13691	.13972	.09426	.10231
#1	.18896	.19008	.19920	11.093	24.783	38.556	2.0642
#2	.18902	.19218	.19952	11.115	24.832	38.607	2.0672
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19322	64.084	.19757	.18743	.18547	.18612	.19512
SDev	.00015	.154	.00024	.00137	.00008	.00051	.00077
%RSD	.07949	.24057	.12019	.73360	.04331	.27480	.39241
#1	.19311	63.975	.19740	.18646	.18541	.18576	.19566
#2	.19333	64.193	.19774	.18840	.18552	.18648	.19457
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18234	.19781	.19377	.18643	.19047	.19093	.19454
SDev	.00164	.00279	.00024	.00002	.00183	.00038	.00045
%RSD	.90172	1.4088	.12634	.00923	.95959	.20048	.23242
#1	.18117	.19978	.19360	.18645	.18917	.19120	.19422
#2	.18350	.19584	.19395	.18642	.19176	.19066	.19486
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20258	.04853
SDev	.00102	.00004
%RSD	.50117	.07864
#1	.20330	.04850
#2	.20186	.04855
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2889	--	--	--	--	--	--
SDev	2.280489	--	--	--	--	--	--
%RSD	.0789380	--	--	--	--	--	--
#1	2891	--	--	--	--	--	--
#2	2887	--	--	--	--	--	--

Analysis Report 03/30/06 11:13:00 AM page 1

Method: TRACE2 Sample Name: AD613944/MD Operator: SW
Run Time: 03/30/06 11:08:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00298	.00213	.42341	.07284	.00014	184.20	.00005
SDev	.00044	.00210	.00210	.00025	.00000	.46	.00004
%RSD	14.702	98.651	.49580	.34621	2.4323	.24814	67.957
#1	.00267	.00361	.42193	.07266	.00014	183.87	.00003
#2	.00329	.00064	.42490	.07301	.00014	184.52	.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00203	-.00001	.00209	.08331	12.114	26.889	1.5602
SDev	.00021	.00003	.00000	.00793	.005	.060	.0012
%RSD	10.517	466.12	.05425	9.5188	.03801	.22150	.07444
#1	.00218	.00001	.00209	.08892	12.111	26.847	1.5594
#2	.00188	-.00003	.00209	.07770	12.117	26.931	1.5611
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00093	57.280	.00990	-.00073	.00065	.00019	.00359
SDev	.00008	.301	.00079	.00208	.00136	.00160	.00151
%RSD	8.8062	.52502	7.9861	287.02	209.75	835.43	42.033
#1	.00087	57.068	.00934	.00075	.00161	.00133	.00253
#2	.00099	57.493	.01046	-.00220	-.00031	-.00094	.00466
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00150	.00579	.00249	-.00013	.00129	.00024	.02204
SDev	.00076	.00042	.00205	.00005	.00025	.00017	.00029
%RSD	50.378	7.3044	82.365	40.961	19.518	71.651	1.3294
#1	-.00097	.00550	.00104	-.00009	.00111	.00037	.02225
#2	-.00203	.00609	.00395	-.00017	.00146	.00012	.02184
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00295	-.00018
SDev	.00037	.00055
%RSD	12.678	297.89
#1	.00268	.00020
#2	.00321	-.00057
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2925	--	--	--	--	--	--
SDev	.3181635	--	--	--	--	--	--
%RSD	.0108771	--	--	--	--	--	--
#1	2925	--	--	--	--	--	--
#2	2925	--	--	--	--	--	--

Analysis Report 03/30/06 11:17:49 AM page 1

Method: TRACE2 Sample Name: AD613945/MS Operator: SW
Run Time: 03/30/06 11:13:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0442	.04442	.49774	2.0674	.05136	207.78	.04920
SDev	.0033	.00071	.00115	.0091	.00011	.58	.00020
%RSD	.15989	1.5954	.23209	.44034	.21882	.27871	.40878
#1	2.0419	.04392	.49692	2.0610	.05128	207.37	.04906
#2	2.0465	.04492	.49856	2.0739	.05144	208.19	.04935
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51378	.20363	.25541	1.3550	14.110	29.391	1.3787
SDev	.00012	.00034	.00087	.0045	.027	.033	.0008
%RSD	.02358	.16485	.33933	.33114	.19234	.11394	.06167
#1	.51386	.20339	.25480	1.3518	14.129	29.367	1.3781
#2	.51369	.20386	.25602	1.3582	14.091	29.414	1.3793
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00091	54.697	.51177	.02287	.02082	.02150	.05862
SDev	.00005	.214	.00162	.00028	.00065	.00053	.00157
%RSD	5.0042	.39074	.31610	1.2118	3.1216	2.4451	2.6782
#1	.00088	54.545	.51063	.02268	.02036	.02113	.05973
#2	.00095	54.848	.51292	.02307	.02128	.02187	.05751
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09988	.05601	.05993	.00010	.04893	.51130	.52099
SDev	.00270	.00445	.00013	.00012	.00085	.00082	.00141
%RSD	2.7046	7.9405	.21942	124.00	1.7288	.16136	.27025
#1	.10179	.05915	.06002	.00001	.04833	.51071	.51999
#2	.09797	.05286	.05984	.00019	.04953	.51188	.52198
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00194	.04960
SDev	.00012	.00022
%RSD	6.2023	.44755
#1	.00186	.04944
#2	.00203	.04975
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2912	--	--	--	--	--	--
SDev	6.204793	--	--	--	--	--	--
%RSD	.2130831	--	--	--	--	--	--
#1	2916	--	--	--	--	--	--
#2	2908	--	--	--	--	--	--

Analysis Report 03/30/06 11:22:39 AM page 1

Method: TRACE2 Sample Name: AD613946 Operator: SW
Run Time: 03/30/06 11:17:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00927	.00018	.08852	.06441	.00009	118.63	-.00013
SDev	.00057	.00213	.00132	.00036	.00002	.75	.00015
%RSD	6.1584	1164.1	1.4890	.56438	16.607	.62902	111.41
#1	.00887	-.00132	.08759	.06416	.00008	118.10	-.00023
#2	.00968	.00169	.08945	.06467	.00010	119.16	-.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00032	.00043	.00148	.07631	5.0473	12.713	.21940
SDev	.00007	.00006	.00003	.00523	.0026	.070	.00095
%RSD	22.259	12.965	2.2472	6.8558	.05187	.55136	.43436
#1	.00038	.00039	.00145	.08001	5.0491	12.664	.21873
#2	.00027	.00047	.00150	.07261	5.0454	12.763	.22008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00019	52.265	.00616	.00042	-.00080	-.00040	.00049
SDev	.00017	.342	.00056	.00089	.00212	.00112	.00070
%RSD	86.347	.65529	9.1608	209.80	262.96	281.88	144.65
#1	-.00031	52.023	.00656	.00105	-.00230	-.00118	-.00001
#2	-.00007	52.507	.00576	-.00020	.00069	.00039	.00098
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00148	.00141	.00002	.00001	.00025	.00012	.03523
SDev	.00031	.00035	.00123	.00001	.00018	.00000	.00032
%RSD	20.777	24.639	5556.8	130.66	74.915	.88329	.90538
#1	.00170	.00166	-.00085	.00001	.00038	.00012	.03500
#2	.00127	.00117	.00089	.00000	.00012	.00012	.03546
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00359	.00034
SDev	.00144	.00066
%RSD	40.238	191.30
#1	.00257	-.00012
#2	.00461	.00081
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2956	--	--	--	--	--	--
SDev	10.28844	--	--	--	--	--	--
%RSD	.3480468	--	--	--	--	--	--
#1	2963	--	--	--	--	--	--
#2	2949	--	--	--	--	--	--

Analysis Report 03/30/06 11:27:29 AM page 1

Method: TRACE2 Sample Name: AD613947 Operator: SW
Run Time: 03/30/06 11:22:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00639	.00146	.00351	.00024	-.00001	.03251	.00002
SDev	.00180	.00293	.00084	.00001	.00001	.00554	.00018
%RSD	28.188	200.45	23.943	1.9104	64.096	17.036	1053.3
#1	.00767	.00354	.00291	.00024	-.00002	.03643	-.00011
#2	.00512	-.00061	.00410	.00023	-.00001	.02860	.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	.00006	-.00006	.00288	-.00747	.00876	.00018
SDev	.00031	.00035	.00006	.00846	.00271	.00393	.00002
%RSD	252.36	543.48	90.537	293.48	36.312	44.908	9.2031
#1	.00035	-.00018	-.00002	.00886	-.00555	.01154	.00020
#2	-.00010	.00031	-.00010	-.00310	-.00939	.00598	.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00075	-.28085	.00117	-.00144	.00095	.00015	-.00134
SDev	.00044	.09820	.00010	.00232	.00053	.00042	.00449
%RSD	58.575	34.966	8.1627	161.21	56.368	272.37	335.81
#1	-.00106	-.21141	.00110	-.00308	.00132	-.00014	-.00451
#2	-.00044	-.35029	.00123	.00020	.00057	.00045	.00184
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00076	.00128	-.00265	-.00017	-.00006	.00029	.00193
SDev	.00112	.00404	.00471	.00011	.00351	.00025	.00009
%RSD	147.11	314.83	178.17	61.371	6344.0	86.110	4.4725
#1	.00003	-.00157	-.00598	-.00010	.00242	.00047	.00199
#2	-.00156	.00414	.00069	-.00025	-.00254	.00012	.00187
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00248	.00023
SDev	.00287	.00016
%RSD	115.47	71.441
#1	.00451	.00034
#2	.00046	.00011
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3014	--	--	--	--	--	--
SDev	11.98560	--	--	--	--	--	--
%RSD	.3976510	--	--	--	--	--	--
#1	3023	--	--	--	--	--	--
#2	3006	--	--	--	--	--	--

Analysis Report 03/30/06 11:32:19 AM page 1

Method: TRACE2 Sample Name: AD613948 Operator: SW
Run Time: 03/30/06 11:27:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15660	.00506	.12165	.23974	.00003	12.774	.00005
SDev	.00118	.00257	.00154	.00017	.00002	.044	.00001
%RSD	.75578	50.678	1.2675	.07029	56.112	.34467	11.295
#1	.15743	.00688	.12056	.23962	.00002	12.743	.00004
#2	.15576	.00325	.12274	.23986	.00005	12.805	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00142	.00097	.00184	.29027	24.540	5.4144	.03003
SDev	.00074	.00017	.00006	.00558	.148	.0264	.00017
%RSD	51.808	17.400	3.3948	1.9234	.60235	.48691	.57996
#1	.00090	.00085	.00189	.28632	24.435	5.3957	.02991
#2	.00194	.00109	.00180	.29421	24.644	5.4330	.03015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00131	29.625	.00230	-.00204	.00018	-.00056	.00254
SDev	.00003	.153	.00054	.00073	.00098	.00090	.00030
%RSD	2.0265	.51692	23.570	35.947	547.77	160.43	11.707
#1	.00133	29.517	.00269	-.00152	.00087	.00008	.00275
#2	.00129	29.733	.00192	-.00256	-.00051	-.00120	.00233
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00125	.00946	-.00092	.00158	.00036	.00011	.00698
SDev	.00169	.00857	.00384	.00003	.00181	.00017	.00024
%RSD	135.43	90.607	418.03	1.8157	506.66	154.90	3.3998
#1	-.00005	.01552	-.00363	.00160	-.00092	-.00001	.00681
#2	-.00244	.00340	.00180	.00156	.00164	.00024	.00714
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00277	.00021
SDev	.00106	.00011
%RSD	38.276	53.279
#1	.00202	.00013
#2	.00352	.00030
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2973	--	--	--	--	--	--
SDev	17.12973	--	--	--	--	--	--
%RSD	.5762275	--	--	--	--	--	--
#1	2985	--	--	--	--	--	--
#2	2961	--	--	--	--	--	--

Analysis Report QC Standard 03/30/06 11:38:28 AM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 03/30/06 11:33:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.670	.47806	.46132	.46210	.49607	24.752	.48535
SDev	.042	.00104	.00073	.00024	.00111	.038	.00055
%RSD	.16988	.21716	.15771	.05153	.22465	.15456	.11371
#1	24.641	.47733	.46081	.46227	.49528	24.725	.48496
#2	24.700	.47880	.46184	.46193	.49686	24.779	.48574
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49267	.49743	.50786	24.932	24.691	24.919	.50528
SDev	.00186	.00110	.00139	.070	.050	.047	.00143
%RSD	.37820	.22143	.27306	.28022	.20356	.18900	.28206
#1	.49135	.49665	.50688	24.882	24.656	24.885	.50427
#2	.49399	.49821	.50884	24.981	24.727	24.952	.50629
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49617	24.141	.49150	.49486	.48919	.49108	.48557
SDev	.00240	.085	.00051	.00212	.00379	.00183	.00336
%RSD	.48381	.35136	.10294	.42731	.77500	.37155	.69222
#1	.49447	24.201	.49114	.49337	.49187	.49237	.48319
#2	.49787	24.081	.49186	.49636	.48651	.48979	.48795
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48495	.48759	.48457	.49984	.49621	.49502	.48908
SDev	.00344	.00329	.00340	.00102	.00000	.00145	.00112
%RSD	.70901	.67391	.70144	.20422	.00033	.29309	.22911
#1	.48252	.48527	.48216	.49911	.49621	.49399	.48829
#2	.48738	.48992	.48697	.50056	.49621	.49604	.48987
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50071	.48255
SDev	.00477	.00163
%RSD	.95271	.33758
#1	.49733	.48140
#2	.50408	.48370
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2905	--	--	--	--	--	--
SDev	4.878968	--	--	--	--	--	--
%RSD	.1679738	--	--	--	--	--	--
#1	2908	--	--	--	--	--	--
#2	2901	--	--	--	--	--	--

Analysis Report Blank Sample 03/30/06 11:43:18 AM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 03/30/06 11:38:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01770	.00038	.00226	.00017	.00015	.02502	.00011
SDev	.00160	.00058	.00108	.00006	.00001	.00060	.00001
%RSD	9.0484	151.39	47.979	36.988	6.1810	2.4103	11.419
#1	.01657	-.00003	.00149	.00021	.00016	.02459	.00012
#2	.01884	.00079	.00302	.00012	.00015	.02545	.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00026	.00008	.00032	.00870	-.01310	.02049	.00013
SDev	.00040	.00014	.00007	.00082	.00081	.00327	.00004
%RSD	152.36	168.41	20.991	9.4872	6.1657	15.944	28.600
#1	-.00054	-.00002	.00028	.00928	-.01367	.02280	.00010
#2	.00002	.00018	.00037	.00811	-.01253	.01818	.00016
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	-.20170	.00016	.00077	.00213	.00168	.00223
SDev	.00002	.07622	.00038	.00089	.00054	.00006	.00358
%RSD	46.690	37.788	244.47	115.89	25.189	3.6827	160.50
#1	.00003	-.25559	-.00011	.00140	.00175	.00163	.00476
#2	.00007	-.14780	.00043	.00014	.00251	.00172	-.00030
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00060	.00393	.00138	.00025	-.00092	.00025	-.00008
SDev	.00038	.00658	.00208	.00021	.00216	.00018	.00010
%RSD	62.632	167.65	150.33	85.667	234.28	71.505	130.34
#1	.00033	.00858	.00285	.00040	.00060	.00037	-.00001
#2	.00087	-.00073	-.00009	.00010	-.00244	.00012	-.00015
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00173	.00016
SDev	.00182	.00050
%RSD	104.88	319.23
#1	.00045	.00051
#2	.00302	-.00020
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2905	--	--	--	--	--	--
SDev	8.220117	--	--	--	--	--	--
%RSD	.2829851	--	--	--	--	--	--
#1	2899	--	--	--	--	--	--
#2	2911	--	--	--	--	--	--

Analysis Report 03/30/06 11:48:09 AM page 1

Method: TRACE2 Sample Name: AD613949 Operator: SW
Run Time: 03/30/06 11:43:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15591	.00847	3.0402	1.3957	.00017	205.60	.00018
SDev	.00072	.00190	.0145	.0040	.00000	.69	.00008
%RSD	.46260	22.483	.47770	.28687	1.4727	.33459	45.544
#1	.15642	.00982	3.0299	1.3929	.00017	205.12	.00024
#2	.15540	.00712	3.0504	1.3986	.00018	206.09	.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00166	.00145	.00160	9.0678	21.650	104.67	.90454
SDev	.00003	.00010	.00030	.0522	.083	.35	.00367
%RSD	2.0181	7.0038	18.967	.57563	.38532	.33476	.40550
#1	.00168	.00138	.00138	9.0309	21.591	104.43	.90194
#2	.00163	.00152	.00181	9.1047	21.709	104.92	.90713
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00105	205.98	.00522	-.00024	.00119	.00072	.00114
SDev	.00081	.55	.00050	.00028	.00049	.00042	.00360
%RSD	77.025	.26737	9.6550	119.21	40.866	58.403	315.15
#1	.00048	205.59	.00486	-.00004	.00154	.00101	-.00140
#2	.00163	206.37	.00558	-.00043	.00085	.00042	.00369
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	.00894	-.00276	.00515	.00043	.00160	.00543
SDev	.00000	.00450	.00315	.00008	.00243	.00043	.00057
%RSD	2.0527	50.344	114.49	1.6097	559.12	27.023	10.499
#1	.00010	.00576	-.00499	.00509	.00215	.00191	.00584
#2	.00010	.01212	-.00052	.00521	-.00128	.00130	.00503
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00590	-.00005
SDev	.00206	.00007
%RSD	34.872	120.52
#1	.00736	-.00010
#2	.00445	-.00001
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2928	--	--	--	--	--	--
SDev	8.909442	--	--	--	--	--	--
%RSD	.3043232	--	--	--	--	--	--
#1	2934	--	--	--	--	--	--
#2	2921	--	--	--	--	--	--

Analysis Report 03/30/06 11:52:59 AM page 1

Method: TRACE2 Sample Name: AD613801/PB Operator: SW
Run Time: 03/30/06 11:48:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00476	.00145	.00819	.00014	-.00001	.03003	.00002
SDev	.00285	.00148	.00118	.00013	.00002	.00267	.00006
%RSD	59.989	101.80	14.384	96.706	220.79	8.8817	253.54
#1	.00678	.00250	.00902	.00023	.00001	.03192	.00007
#2	.00274	.00041	.00735	.00004	-.00002	.02815	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00011	-.00005	.00095	-.00650	.00056	.00743	.00006
SDev	.00046	.00017	.00003	.00318	.03036	.00225	.00006
%RSD	424.71	312.06	2.7262	48.933	5414.4	30.203	96.782
#1	.00043	.00006	.00093	-.00874	.02203	.00902	.00010
#2	-.00021	-.00017	.00097	-.00425	-.02091	.00585	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00048	-.09259	-.00017	-.00014	.00146	.00093	-.00109
SDev	.00011	.14294	.00034	.00070	.00005	.00020	.00052
%RSD	22.908	154.37	201.66	493.07	3.7049	21.327	47.341
#1	-.00040	.00848	-.00041	-.00064	.00150	.00079	-.00146
#2	-.00056	-.19366	.00007	.00035	.00142	.00107	-.00073
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00061	.00003	-.00165	.00004	-.00090	.00031	.00157
SDev	.00046	.00435	.00140	.00022	.00143	.00044	.00011
%RSD	74.228	12994.	84.590	550.98	158.42	143.11	6.7095
#1	-.00094	-.00304	-.00066	.00019	-.00191	.00062	.00165
#2	-.00029	.00311	-.00264	-.00011	.00011	-.00000	.00150
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00159	-.00012
SDev	.00035	.00013
%RSD	22.323	106.48
#1	.00134	-.00003
#2	.00184	-.00022
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2946	--	--	--	--	--	--
SDev	11.24310	--	--	--	--	--	--
%RSD	.3815813	--	--	--	--	--	--
#1	2938	--	--	--	--	--	--
#2	2954	--	--	--	--	--	--

Analysis Report 03/30/06 11:57:50 AM page 1

Method: TRACE2 Sample Name: AD613800/FB Operator: SW
Run Time: 03/30/06 11:53:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.6623	.19132	.19083	.18535	.19711	9.4620	.19567
SDev	.0306	.00176	.00062	.00125	.00041	.0326	.00049
%RSD	.31665	.91965	.32378	.67296	.20680	.34475	.24980
#1	9.6407	.19008	.19039	.18447	.19682	9.4389	.19532
#2	9.6839	.19257	.19126	.18623	.19740	9.4851	.19601
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19962	.19884	.19455	9.9509	9.6822	9.7970	.19805
SDev	.00014	.00007	.00074	.0154	.0135	.0192	.00051
%RSD	.07020	.03744	.37971	.15509	.13960	.19644	.25670
#1	.19952	.19879	.19403	9.9400	9.6726	9.7834	.19769
#2	.19972	.19889	.19508	9.9619	9.6917	9.8106	.19840
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19717	9.6906	.19530	.20372	.19654	.19893	.19336
SDev	.00002	.0693	.00056	.00090	.00290	.00223	.00185
%RSD	.01178	.71481	.28574	.44111	1.4757	1.1229	.95626
#1	.19715	9.7395	.19491	.20308	.19449	.19735	.19205
#2	.19719	9.6416	.19570	.20435	.19859	.20051	.19466
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.23000	11.500	.23000			.23000	.23000
Low	.17000	8.5000	.17000			.17000	.17000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18956	.19744	.19132	.19179	.19360	.19684	.20255
SDev	.00316	.00069	.00243	.00064	.00071	.00014	.00088
%RSD	1.6653	.34858	1.2698	.33494	.36858	.07187	.43642
#1	.18733	.19695	.18960	.19134	.19309	.19694	.20192
#2	.19180	.19792	.19304	.19225	.19410	.19674	.20317
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000			.23000	.23000	.23000	.23000
Low	.17000			.17000	.17000	.17000	.17000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.19993	.04807
SDev	.00141	.00013
%RSD	.70363	.26778
#1	.20092	.04816
#2	.19893	.04797

Errors	LC Pass	LC Pass
High	.23000	.05750
Low	.17000	.04250

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2935	--	--	--	--	--	--
SDev	9.917104	--	--	--	--	--	--
%RSD	.3378378	--	--	--	--	--	--
#1	2928	--	--	--	--	--	--
#2	2942	--	--	--	--	--	--

Analysis Report 03/30/06 12:02:40 PM page 1

Method: TRACE2 Sample Name: AD613782 Operator: SW
Run Time: 03/30/06 11:57:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07768	.00305	.01265	.03852	.00014	64.328	.00062
SDev	.00110	.00195	.00009	.00008	.00001	.263	.00012
%RSD	1.4215	63.752	.72593	.20432	3.9157	.40828	19.854
#1	.07846	.00168	.01271	.03846	.00013	64.143	.00071
#2	.07690	.00443	.01258	.03858	.00014	64.514	.00054
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00389	.00055	.00099	65.659	1.6876	14.729	1.8808
SDev	.00014	.00004	.00015	.089	.0177	.034	.0024
%RSD	3.6993	7.4772	15.000	.13506	1.0510	.22975	.12769
#1	.00379	.00058	.00109	65.596	1.7002	14.705	1.8791
#2	.00399	.00052	.00088	65.721	1.6751	14.753	1.8825
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00036	8.8757	.00025	-.00020	.00006	-.00002	.00249
SDev	.00040	.0868	.00015	.00016	.00123	.00077	.00057
%RSD	110.34	.97835	61.948	78.130	1938.4	3143.5	23.063
#1	.00064	8.8143	.00036	-.00031	.00093	.00052	.00208
#2	.00008	8.9371	.00014	-.00009	-.00080	-.00057	.00289
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	.00012	.00367	.00294	.00785	.00136	.00244
SDev	.00100	.00391	.00282	.00012	.00599	.00000	.00009
%RSD	679.80	3197.7	76.737	3.9956	76.250	.05147	3.8605
#1	.00085	.00289	.00168	.00303	.01209	.00136	.00251
#2	-.00056	-.00264	.00566	.00286	.00362	.00136	.00237
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00341	.00013
SDev	.00169	.00027
%RSD	49.466	200.21
#1	.00222	.00032
#2	.00460	-.00006
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2920	--	--	--	--	--	--
SDev	1.325825	--	--	--	--	--	--
%RSD	.0454060	--	--	--	--	--	--
#1	2921	--	--	--	--	--	--
#2	2919	--	--	--	--	--	--

Analysis Report 03/30/06 12:07:30 PM page 1

Method: TRACE2 Sample Name: AD613783 Operator: SW
Run Time: 03/30/06 12:02:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07591	.00338	.01173	.03761	.00013	63.063	.00080
SDev	.00277	.00283	.00106	.00025	.00001	.194	.00006
%RSD	3.6460	83.821	9.0013	.66534	7.6303	.30752	7.9304
#1	.07787	.00538	.01098	.03779	.00014	63.200	.00084
#2	.07395	.00137	.01248	.03743	.00012	62.926	.00075
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00432	.00141	.00100	64.966	1.6667	14.453	1.8671
SDev	.00017	.00010	.00049	.001	.0075	.020	.0004
%RSD	3.9291	6.7936	48.982	.00080	.45020	.14073	.01922
#1	.00444	.00148	.00065	64.967	1.6720	14.467	1.8669
#2	.00420	.00134	.00135	64.966	1.6614	14.439	1.8674
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	8.5538	.00129	-.00379	.00093	-.00064	.00504
SDev	.00033	.1619	.00057	.00054	.00020	.00032	.00042
%RSD	134.95	1.8926	44.212	14.344	22.025	49.488	8.2882
#1	.00001	8.6683	.00169	-.00417	.00078	-.00087	.00533
#2	.00048	8.4394	.00089	-.00340	.00107	-.00042	.00474
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00010	.00014	.00749	.00229	.00392	.00173	.00297
SDev	.00011	.00384	.00255	.00053	.00284	.00028	.00010
%RSD	102.03	2805.9	34.017	23.291	72.446	16.052	3.3368
#1	-.00018	-.00258	.00929	.00266	.00593	.00153	.00304
#2	-.00003	.00285	.00569	.00191	.00191	.00193	.00290
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00321	.00020
SDev	.00127	.00027
%RSD	39.374	132.25
#1	.00232	.00001
#2	.00411	.00040
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2877	--	--	--	--	--	--
SDev	8.379112	--	--	--	--	--	--
%RSD	.2912751	--	--	--	--	--	--
#1	2883	--	--	--	--	--	--
#2	2871	--	--	--	--	--	--

Analysis Report 03/30/06 12:12:19 PM page 1

Method: TRACE2 Sample Name: AD613784 Operator: SW
Run Time: 03/30/06 12:07:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40521	.00548	.01323	.01080	.00015	68.163	.00129
SDev	.00499	.00091	.00174	.00018	.00006	1.574	.00005
%RSD	1.2319	16.654	13.164	1.6271	42.571	2.3089	3.8530
#1	.40168	.00483	.01199	.01068	.00010	67.050	.00126
#2	.40874	.00612	.01446	.01092	.00019	69.276	.00133
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00916	.00103	.00127	101.85	.36696	19.769	2.0327
SDev	.00020	.00008	.00021	2.39	.00121	.457	.0468
%RSD	2.2323	7.9252	16.398	2.3420	.33078	2.3134	2.3023
#1	.00931	.00108	.00141	100.16	.36610	19.446	1.9996
#2	.00902	.00097	.00112	103.53	.36782	20.092	2.0658
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00079	9.7927	.00102	-.00223	-.00137	-.00166	.00533
SDev	.00078	.1968	.00005	.00190	.00111	.00137	.00224
%RSD	99.805	2.0100	5.3459	85.052	81.160	82.905	42.110
#1	.00023	9.6535	.00098	-.00357	-.00215	-.00263	.00691
#2	.00134	9.9319	.00106	-.00089	-.00058	-.00068	.00374
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00077	.00271	.00664	.00975	.00560	.00119	.00316
SDev	.00029	.00035	.00354	.00017	.00156	.00009	.00030
%RSD	38.416	12.926	53.351	1.7931	27.926	7.4959	9.4240
#1	-.00056	.00246	.00914	.00963	.00449	.00125	.00295
#2	-.00097	.00296	.00413	.00988	.00671	.00112	.00337
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00300	-.00002
SDev	.00193	.00032
%RSD	64.362	1621.6
#1	.00437	-.00024
#2	.00164	.00020
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2893	--	--	--	--	--	--
SDev	41.68391	--	--	--	--	--	--
%RSD	1.440904	--	--	--	--	--	--
#1	2922	--	--	--	--	--	--
#2	2863	--	--	--	--	--	--

Analysis Report 03/30/06 12:22:12 PM page 1

Method: TRACE2 Sample Name: AD613784/L (1:5) Operator: SW
Run Time: 03/30/06 12:17:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11471	.00070	.00440	.00269	.00016	14.262	.00005
SDev	.00589	.00237	.00041	.00012	.00013	.689	.00002
%RSD	5.1379	339.19	9.4122	4.2922	84.666	4.8311	27.078
#1	.11054	.00238	.00411	.00261	.00006	13.775	.00006
#2	.11888	-.00098	.00469	.00277	.00025	14.749	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00154	.00056	.00034	21.341	.06518	4.1403	.42437
SDev	.00010	.00043	.00020	1.066	.01167	.2009	.02073
%RSD	6.3805	77.562	58.748	4.9974	17.913	4.8532	4.8852
#1	.00147	.00025	.00020	20.587	.07343	3.9982	.40971
#2	.00161	.00087	.00049	22.095	.05692	4.2824	.43903
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00033	2.0600	.00075	-.00301	-.00017	-.00111	.00401
SDev	.00023	.0373	.00009	.00083	.00100	.00039	.00030
%RSD	70.345	1.8097	11.949	27.688	596.65	34.668	7.4470
#1	-.00017	2.0863	.00069	-.00242	-.00087	-.00139	.00422
#2	-.00049	2.0336	.00082	-.00360	.00054	-.00084	.00380
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00194	.00219	.00492	.00386	-.00013	.00044	.00062
SDev	.00019	.00143	.00027	.00085	.00166	.00034	.00026
%RSD	9.7214	65.042	5.4009	21.977	1286.1	78.313	41.630
#1	.00181	.00320	.00473	.00446	-.00130	.00068	.00044
#2	.00208	.00118	.00510	.00326	.00104	.00020	.00081
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00157	-.00018
SDev	.00048	.00015
%RSD	30.726	81.538
#1	.00192	-.00008
#2	.00123	-.00029
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2846	--	--	--	--	--	--
SDev	110.9981	--	--	--	--	--	--
%RSD	3.899752	--	--	--	--	--	--
#1	2925	--	--	--	--	--	--
#2	2768	--	--	--	--	--	--

Analysis Report Blank Sample 03/30/06 12:28:22 PM page 1

Method: TRACE2 Sample Name: CRI Operator: SW
Run Time: 03/30/06 12:23:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19699	.00929	.04878	.00192	.00211	.48771	.00104
SDev	.00502	.00137	.00165	.00008	.00007	.00613	.00006
%RSD	2.5456	14.803	3.3841	4.2590	3.1544	1.2579	5.8883
#1	.19344	.01026	.04761	.00198	.00206	.48337	.00099
#2	.20053	.00832	.04995	.00187	.00216	.49205	.00108
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.07500	.00300	.00300	.75000	.00150
Low	.10000	.00500	.02500	.00100	.00100	.25000	.00050

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00366	.00421	.01049	.05691	.43507	.20093	.00315
SDev	.00022	.00052	.00015	.00490	.00835	.00717	.00003
%RSD	6.0442	12.229	1.4387	8.6182	1.9187	3.5696	.95670
#1	.00350	.00385	.01039	.05345	.44097	.19586	.00313
#2	.00382	.00458	.01060	.06038	.42916	.20600	.00317
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00973	.86215	.00959	.00215	.00651	.00506	.01487
SDev	.00068	.01768	.00091	.00307	.00055	.00065	.00017
%RSD	6.9370	2.0504	9.4599	142.66	8.4793	12.920	1.1794
#1	.00926	.84965	.00894	.00432	.00612	.00552	.01475
#2	.01021	.87465	.01023	-.00002	.00690	.00459	.01500
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01500	1.5000	.01500			.00750	.02250
Low	.00500	.50000	.00500			.00250	.00750

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01825	.01331	.01565	.00510	.01966	.00507	.02043
SDev	.00151	.00087	.00070	.00017	.00225	.00026	.00051
%RSD	8.2834	6.5408	4.4615	3.3243	11.465	5.0552	2.5049
#1	.01718	.01392	.01516	.00498	.01806	.00489	.02007
#2	.01931	.01269	.01615	.00522	.02125	.00525	.02079
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.03000			.00750	.03000	.00750	.03000
Low	.01000			.00250	.01000	.00250	.01000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00822	.00308
SDev	.00125	.00035
%RSD	15.168	11.291
#1	.00910	.00283
#2	.00734	.00332
Errors	LC Pass	LC Pass
High	.01500	.00450
Low	.00500	.00150

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2868	--	--	--	--	--	--
SDev	42.53240	--	--	--	--	--	--
%RSD	1.482882	--	--	--	--	--	--
#1	2898	--	--	--	--	--	--
#2	2838	--	--	--	--	--	--

Analysis Report QC Standard 03/30/06 12:33:12 PM page 1

Method: TRACE2 Sample Name: ICSA Operator: SW
Run Time: 03/30/06 12:28:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	504.03	.00107	.00702	.01128	.00145	528.46	.00371
SDev	1.98	.00408	.00110	.00007	.00000	2.61	.00016
%RSD	.39289	382.58	15.646	.65629	.04155	.49359	4.4596
#1	502.63	.00395	.00780	.01123	.00145	526.61	.00383
#2	505.43	-.00182	.00625	.01134	.00145	530.30	.00359
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value	500.00					500.00	
Range	100.00					100.00	

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00057	-.01244	.00148	194.09	-.00338	515.63	.00016
SDev	.00012	.00009	.00020	.38	.00427	.92	.00004
%RSD	20.466	.76200	13.635	.19518	126.25	.17772	25.590
#1	.00049	-.01237	.00133	193.82	-.00036	514.98	.00013
#2	.00066	-.01251	.00162	194.36	-.00640	516.28	.00019
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK	QC Pass	NOCHECK
Value				200.00		500.00	
Range				40.000		100.00	

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00037	-.21509	.00018	.04097	-.02030	.00010	-.00068
SDev	.00039	.07812	.00059	.00264	.00383	.00343	.00465
%RSD	106.25	36.321	330.89	6.4448	18.866	3293.1	684.54
#1	.00009	-.15985	-.00024	.04283	-.01759	.00253	-.00397
#2	.00065	-.27033	.00060	.03910	-.02300	-.00232	.00261
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00048	-.00620	.00208	.00090	.00820	-.00094	.00188
SDev	.00066	.00323	.00859	.00008	.00565	.00021	.00007
%RSD	138.03	52.025	412.14	9.4123	68.896	22.166	3.6535
#1	.00095	-.00392	-.00399	.00084	.01219	-.00080	.00193
#2	.00001	-.00849	.00815	.00095	.00420	-.00109	.00183
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00566	.00028
SDev	.00114	.00004
%RSD	20.215	12.942
#1	.00485	.00031
#2	.00647	.00026
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2676	--	--	--	--	--	--
SDev	7.689786	--	--	--	--	--	--
%RSD	.2873894	--	--	--	--	--	--
#1	2670	--	--	--	--	--	--
#2	2681	--	--	--	--	--	--

Analysis Report QC Standard 03/30/06 12:38:02 PM page 1

Method: TRACE2 Sample Name: ICSAB Operator: SW
Run Time: 03/30/06 12:33:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	516.91	.10667	.01509	.51488	.50194	553.99	.97781
SDev	.68	.00204	.00035	.00300	.00064	1.84	.00007
%RSD	.13154	1.9132	2.3303	.58256	.12707	.33190	.00675
#1	516.43	.10811	.01533	.51276	.50148	552.69	.97777
#2	517.39	.10522	.01484	.51700	.50239	555.29	.97786
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49336	.48747	.54209	97.371	-.00918	490.18	.49582
SDev	.00129	.00038	.00031	.062	.01911	.54	.00002
%RSD	.26151	.07891	.05746	.06320	208.31	.10934	.00372
#1	.49244	.48720	.54187	97.327	.00434	489.80	.49584
#2	.49427	.48774	.54231	97.414	-.02269	490.56	.49581
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00128	-.26842	.92994	.09615	.03072	.05251	.05508
SDev	.00042	.07655	.00150	.00762	.00032	.00275	.00180
%RSD	33.129	28.520	.16084	7.9287	1.0323	5.2375	3.2744
#1	.00158	-.21429	.92888	.10154	.03095	.05445	.05635
#2	.00098	-.32255	.93100	.09076	.03050	.05056	.05380
Errors	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value			1.0000			.05000	.05000
Range			.20000			.01000	.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.61899	.05416	.05554	.00112	.10603	.50446	.94256
SDev	.00560	.00543	.00001	.00004	.00039	.00082	.00081
%RSD	.90463	10.016	.01330	3.3192	.36628	.16265	.08647
#1	.61503	.05800	.05553	.00115	.10575	.50388	.94199
#2	.62295	.05033	.05554	.00110	.10630	.50504	.94314
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.60000				.10000	.50000	1.0000
Range	.12000				.02000	.10000	.20000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00649	.21473
SDev	.00277	.00045
%RSD	42.747	.20929
#1	.00453	.21505
#2	.00845	.21441
Errors	NOCHECK	QC Pass
Value		.20000
Range		.04000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2709	--	--	--	--	--	--
SDev	5.409471	--	--	--	--	--	--
%RSD	.1996796	--	--	--	--	--	--
#1	2713	--	--	--	--	--	--
#2	2705	--	--	--	--	--	--

Analysis Report QC Standard 03/30/06 12:44:11 PM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 03/30/06 12:39:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.837	.48310	.46324	.47296	.50194	25.141	.48929
SDev	.019	.00050	.00350	.00152	.00072	.025	.00004
%RSD	.07651	.10325	.75624	.32211	.14306	.10061	.00765
#1	24.824	.48346	.46076	.47404	.50144	25.159	.48927
#2	24.851	.48275	.46572	.47189	.50245	25.123	.48932
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49572	.50203	.51209	25.149	24.655	24.972	.50852
SDev	.00113	.00087	.00033	.074	.074	.039	.00113
%RSD	.22715	.17248	.06514	.29474	.30138	.15754	.22309
#1	.49492	.50142	.51186	25.097	24.602	24.945	.50771
#2	.49651	.50265	.51233	25.201	24.707	25.000	.50932
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49841	24.466	.49862	.49370	.49550	.49490	.48966
SDev	.00419	.024	.00116	.00243	.00323	.00135	.00287
%RSD	.83959	.09722	.23241	.49169	.65155	.27178	.58541
#1	.49545	24.449	.49780	.49199	.49778	.49585	.48763
#2	.50137	24.483	.49944	.49542	.49322	.49395	.49169
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48560	.48952	.48973	.50717	.50883	.50118	.49442
SDev	.00208	.00170	.00345	.00003	.00319	.00109	.00054
%RSD	.42747	.34833	.70390	.00495	.62630	.21836	.10872
#1	.48414	.48832	.48730	.50719	.51108	.50041	.49404
#2	.48707	.49073	.49217	.50715	.50658	.50195	.49480
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50617	.48779
SDev	.00120	.00090
%RSD	.23717	.18550
#1	.50532	.48843
#2	.50701	.48715
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2882	--	--	--	--	--	--
SDev	.3711620	--	--	--	--	--	--
%RSD	.0128790	--	--	--	--	--	--
#1	2882	--	--	--	--	--	--
#2	2882	--	--	--	--	--	--

Analysis Report Blank Sample 03/30/06 12:49:02 PM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 03/30/06 12:44:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05755	.00185	.00219	.00015	.00018	.06162	.00017
SDev	.00876	.00041	.00006	.00019	.00003	.00923	.00018
%RSD	15.228	22.267	2.8640	129.42	17.719	14.985	110.24
#1	.06375	.00214	.00223	.00028	.00020	.06815	.00030
#2	.05135	.00156	.00214	.00001	.00016	.05509	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00004	.00020	.00081	.01790	-.00128	.06523	.00009
SDev	.00015	.00023	.00020	.00083	.00971	.01099	.00010
%RSD	363.35	111.76	24.512	4.6422	759.48	16.850	104.79
#1	-.00014	.00036	.00095	.01848	.00559	.07300	.00016
#2	.00006	.00004	.00067	.01731	-.00815	.05746	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00064	-.08716	.00033	.00033	.00114	.00087	.00236
SDev	.00023	.12416	.00032	.00171	.00059	.00097	.00066
%RSD	36.467	142.45	96.543	515.55	51.838	110.53	27.765
#1	.00047	.00063	.00055	-.00088	.00072	.00019	.00190
#2	.00080	-.17496	.00010	.00154	.00156	.00155	.00283
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	.00522	.00094	.00018	.00040	.00031	.00141
SDev	.00054	.00605	.00204	.00018	.00169	.00027	.00020
%RSD	798.59	115.87	218.18	104.17	424.41	85.103	13.973
#1	.00045	.00094	.00238	.00030	.00159	.00050	.00127
#2	-.00032	.00950	-.00051	.00005	-.00080	.00013	.00155
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00134	-.00009
SDev	.00157	.00002
%RSD	117.14	18.331
#1	.00023	-.00011
#2	.00245	-.00008
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2881	--	--	--	--	--	--
SDev	4.136644	--	--	--	--	--	--
%RSD	.1435624	--	--	--	--	--	--
#1	2878	--	--	--	--	--	--
#2	2884	--	--	--	--	--	--

Analysis Report 03/30/06 12:53:52 PM page 1

Method: TRACE2 Sample Name: AD613784/PS Operator: SW
Run Time: 03/30/06 12:49:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.219	.20346	.20113	.20561	.19760	78.227	.19525
SDev	.021	.00251	.00047	.00157	.00087	.433	.00052
%RSD	.20242	1.2320	.23461	.76384	.44068	.55413	.26365
#1	10.204	.20169	.20080	.20450	.19698	77.920	.19488
#2	10.233	.20523	.20147	.20673	.19822	78.533	.19561
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20366	.19910	.20711	109.59	10.388	29.358	2.1764
SDev	.00085	.00047	.00123	.17	.013	.116	.0035
%RSD	.41535	.23486	.59624	.15752	.12445	.39373	.15916
#1	.20306	.19877	.20623	109.47	10.379	29.277	2.1739
#2	.20426	.19943	.20798	109.71	10.397	29.440	2.1788
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19800	19.798	.19754	.19376	.19290	.19319	.19853
SDev	.00182	.054	.00103	.00151	.00195	.00180	.00312
%RSD	.92023	.27290	.52354	.78027	1.0105	.93358	1.5725
#1	.19671	19.760	.19681	.19269	.19153	.19191	.19632
#2	.19929	19.836	.19827	.19483	.19428	.19446	.20074
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19345	.20158	.19701	.21436	.20173	.19991	.19311
SDev	.00203	.00378	.00279	.00078	.00232	.00079	.00066
%RSD	1.0512	1.8744	1.4181	.36437	1.1510	.39371	.34275
#1	.19201	.19891	.19503	.21381	.20337	.19935	.19265
#2	.19489	.20425	.19898	.21491	.20009	.20047	.19358
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20218	.05110
SDev	.00057	.00093
%RSD	.28259	1.8100
#1	.20178	.05045
#2	.20259	.05176
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2919	--	--	--	--	--	--
SDev	10.12927	--	--	--	--	--	--
%RSD	.3470339	--	--	--	--	--	--
#1	2926	--	--	--	--	--	--
#2	2912	--	--	--	--	--	--

Analysis Report 03/30/06 12:58:41 PM page 1

Method: TRACE2 Sample Name: AD613785/MS Operator: SW
Run Time: 03/30/06 12:53:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.673	.21309	.20832	.21843	.20883	82.028	.20528
SDev	.018	.00180	.00030	.00034	.00031	.083	.00056
%RSD	.16904	.84523	.14651	.15753	.14957	.10109	.27122
#1	10.660	.21182	.20810	.21868	.20860	81.969	.20489
#2	10.686	.21436	.20854	.21819	.20905	82.087	.20568
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21746	.20924	.21081	112.23	10.752	30.397	2.3739
SDev	.00079	.00095	.00080	.27	.025	.053	.0056
%RSD	.36152	.45576	.37720	.23968	.22993	.17511	.23458
#1	.21691	.20857	.21025	112.04	10.734	30.359	2.3700
#2	.21802	.20992	.21137	112.42	10.769	30.435	2.3778
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20854	20.601	.20633	.20756	.20700	.20718	.21012
SDev	.00016	.003	.00027	.00106	.00106	.00106	.00003
%RSD	.07835	.01647	.13243	.51049	.51164	.51126	.01479
#1	.20843	20.603	.20614	.20831	.20775	.20793	.21014
#2	.20866	20.598	.20653	.20681	.20625	.20644	.21010
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20698	.20742	.21147	.21597	.20520	.21024	.21120
SDev	.00532	.00108	.00049	.00070	.00297	.00091	.00011
%RSD	2.5698	.52050	.23321	.32560	1.4469	.43323	.05001
#1	.21074	.20818	.21112	.21547	.20310	.20960	.21128
#2	.20322	.20666	.21182	.21647	.20730	.21089	.21113
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.21140	.05138
SDev	.00023	.00021
%RSD	.11087	.40851
#1	.21123	.05124
#2	.21156	.05153
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2912	--	--	--	--	--	--
SDev	5.303301	--	--	--	--	--	--
%RSD	.1821126	--	--	--	--	--	--
#1	2916	--	--	--	--	--	--
#2	2908	--	--	--	--	--	--

Analysis Report 03/30/06 01:03:31 PM page 1

Method: TRACE2 Sample Name: AD613786/SD Operator: SW
Run Time: 03/30/06 12:58:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.569	.20919	.20984	.21162	.20638	82.773	.20281
SDev	.000	.00112	.00092	.00108	.00015	.038	.00009
%RSD	.00135	.53323	.44004	.50863	.07221	.04547	.04519
#1	10.568	.20840	.20919	.21238	.20627	82.800	.20274
#2	10.569	.20997	.21049	.21086	.20648	82.747	.20287
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21671	.20789	.20820	115.07	10.757	30.798	2.4099
SDev	.00012	.00106	.00072	.24	.006	.050	.0048
%RSD	.05487	.51098	.34481	.20589	.05657	.16112	.19752
#1	.21663	.20714	.20770	114.90	10.761	30.763	2.4065
#2	.21679	.20864	.20871	115.24	10.753	30.833	2.4133
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20668	20.671	.20251	.20727	.20443	.20538	.20632
SDev	.00182	.048	.00013	.00107	.00168	.00077	.00197
%RSD	.88062	.23307	.06471	.51745	.82393	.37312	.95610
#1	.20539	20.637	.20242	.20803	.20324	.20484	.20771
#2	.20796	20.705	.20261	.20652	.20562	.20592	.20492
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20205	.20174	.20861	.21049	.21305	.20805	.20850
SDev	.00128	.00480	.00056	.00040	.00127	.00049	.00042
%RSD	.63461	2.3800	.26761	.19031	.59425	.23790	.20267
#1	.20296	.20513	.20900	.21078	.21216	.20840	.20821
#2	.20114	.19834	.20822	.21021	.21395	.20770	.20880
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20909	.05082
SDev	.00363	.00085
%RSD	1.7361	1.6804
#1	.20653	.05142
#2	.21166	.05021
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2890	--	--	--	--	--	--
SDev	3.022812	--	--	--	--	--	--
%RSD	.1046033	--	--	--	--	--	--
#1	2892	--	--	--	--	--	--
#2	2888	--	--	--	--	--	--

Analysis Report 03/30/06 01:08:21 PM page 1

Method: TRACE2 Sample Name: AD613787 Operator: SW
Run Time: 03/30/06 13:03:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.9309	.00830	.05030	.03503	.00019	15.751	.00003
SDev	.0199	.00151	.00070	.00049	.00002	.165	.00014
%RSD	.67892	18.196	1.4000	1.3930	8.9783	1.0449	408.05
#1	2.9168	.00937	.05080	.03469	.00018	15.634	.00013
#2	2.9450	.00723	.04980	.03538	.00021	15.867	-.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00101	.00330	.00516	2.6382	1.2615	7.3488	.06736
SDev	.00021	.00020	.00008	.0212	.0118	.0605	.00045
%RSD	21.155	6.2229	1.6357	.80522	.93384	.82331	.66170
#1	.00116	.00315	.00522	2.6232	1.2699	7.3060	.06704
#2	.00086	.00344	.00510	2.6532	1.2532	7.3915	.06767
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00323	28.885	.00288	.00305	.00150	.00202	.00328
SDev	.00005	.016	.00063	.00173	.00070	.00104	.00231
%RSD	1.5368	.05689	21.784	56.762	46.705	51.759	70.655
#1	.00326	28.873	.00332	.00427	.00200	.00276	.00491
#2	.00319	28.896	.00244	.00182	.00101	.00128	.00164
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00022	.00486	.00248	.06870	.00216	.00558	.00875
SDev	.00002	.00102	.00398	.00093	.00288	.00005	.00052
%RSD	9.1473	20.935	160.36	1.3572	133.64	.81752	5.9617
#1	-.00023	.00414	.00530	.06804	.00420	.00562	.00912
#2	-.00020	.00558	-.00033	.06936	.00012	.00555	.00839
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00351	.00011
SDev	.00111	.00043
%RSD	31.616	401.42
#1	.00273	.00041
#2	.00430	-.00020
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2920	--	--	--	--	--	--
SDev	21.74353	--	--	--	--	--	--
%RSD	.7446288	--	--	--	--	--	--
#1	2935	--	--	--	--	--	--
#2	2905	--	--	--	--	--	--

Analysis Report 03/30/06 01:13:11 PM page 1

Method: TRACE2 Sample Name: AD613788 Operator: SW
Run Time: 03/30/06 13:08:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19228	.00555	.02985	.73497	.00027	212.23	.00063
SDev	.00366	.00034	.00016	.00260	.00000	.29	.00014
%RSD	1.9050	6.2034	.54454	.35320	.68630	.13619	22.771
#1	.18969	.00579	.02973	.73313	.00027	212.02	.00053
#2	.19487	.00531	.02996	.73680	.00026	212.43	.00073
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00069	.00200	.00062	95.061	3.5629	39.042	.49177
SDev	.00014	.00043	.00064	.016	.0136	.018	.00007
%RSD	20.747	21.667	103.09	.01689	.38273	.04667	.01343
#1	.00079	.00169	.00017	95.049	3.5725	39.029	.49173
#2	.00059	.00231	.00107	95.072	3.5532	39.055	.49182
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00073	9.3781	.00109	-.00191	-.00180	-.00183	.00832
SDev	.00051	.0604	.00011	.00124	.00112	.00116	.00078
%RSD	69.403	.64431	9.9593	65.107	62.426	63.354	9.3302
#1	.00109	9.4208	.00117	-.00103	-.00100	-.00101	.00777
#2	.00037	9.3354	.00101	-.00278	-.00259	-.00265	.00886
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00245	.00560	.00967	.00602	.00434	.00076	.00381
SDev	.00065	.00252	.00243	.00008	.00192	.00000	.00020
%RSD	26.284	45.048	25.076	1.4033	44.151	.27229	5.2288
#1	-.00200	.00739	.00796	.00608	.00570	.00076	.00367
#2	-.00291	.00382	.01139	.00596	.00299	.00075	.00395
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00313	.00013
SDev	.00070	.00053
%RSD	22.394	404.17
#1	.00263	-.00025
#2	.00362	.00051
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2901	--	--	--	--	--	--
SDev	1.537992	--	--	--	--	--	--
%RSD	.0530125	--	--	--	--	--	--
#1	2900	--	--	--	--	--	--
#2	2902	--	--	--	--	--	--

Analysis Report 03/30/06 01:18:01 PM page 1

Method: TRACE2 Sample Name: AD613789 Operator: SW
Run Time: 03/30/06 13:13:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07145	.00147	.04244	.81783	.00034	244.90	.00075
SDev	.00227	.00015	.00103	.00291	.00001	.03	.00013
%RSD	3.1792	10.256	2.4223	.35617	2.7960	.01228	17.352
#1	.07306	.00136	.04316	.81989	.00033	244.88	.00084
#2	.06985	.00157	.04171	.81577	.00035	244.92	.00065
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00071	.00183	.00087	91.820	3.1399	35.191	.24513
SDev	.00004	.00014	.00025	.180	.0060	.033	.00045
%RSD	5.1140	7.4649	29.355	.19656	.19194	.09351	.18450
#1	.00074	.00192	.00069	91.692	3.1441	35.168	.24481
#2	.00069	.00173	.00104	91.947	3.1356	35.215	.24545
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00012	11.510	.00076	.01471	.01979	.01810	.00416
SDev	.00039	.016	.00026	.00063	.00150	.00121	.00150
%RSD	314.41	.13876	34.201	4.2571	7.5753	6.6773	36.161
#1	.00015	11.499	.00095	.01515	.02085	.01895	.00310
#2	-.00040	11.522	.00058	.01427	.01873	.01724	.00522
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00004	.00118	.00565	.00148	.00569	.00044	.00300
SDev	.00249	.00332	.00060	.00013	.00446	.00028	.00030
%RSD	6097.0	281.22	10.539	8.9850	78.285	63.282	9.9454
#1	.00172	-.00117	.00523	.00158	.00885	.00024	.00321
#2	-.00180	.00353	.00607	.00139	.00254	.00063	.00279
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00352	-.00011
SDev	.00085	.00037
%RSD	24.303	343.25
#1	.00412	-.00037
#2	.00291	.00016
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2843	--	--	--	--	--	--
SDev	10.92494	--	--	--	--	--	--
%RSD	.3843122	--	--	--	--	--	--
#1	2850	--	--	--	--	--	--
#2	2835	--	--	--	--	--	--

Analysis Report 03/30/06 01:22:52 PM page 1

Method: TRACE2 Sample Name: AD613790 Operator: SW
Run Time: 03/30/06 13:18:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03830	.00394	.03918	.82538	.00032	219.29	.00112
SDev	.00005	.00030	.00096	.01454	.00004	3.50	.00001
%RSD	.13881	7.4975	2.4508	1.7619	11.828	1.5969	.81185
#1	.03827	.00415	.03986	.83566	.00035	221.77	.00111
#2	.03834	.00373	.03850	.81510	.00029	216.82	.00113
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00042	.00212	.00110	92.768	2.6546	43.358	.29609
SDev	.00038	.00025	.00023	1.378	.0532	.632	.00429
%RSD	88.624	11.735	21.309	1.4856	2.0045	1.4584	1.4499
#1	.00016	.00195	.00127	93.743	2.6922	43.805	.29912
#2	.00069	.00230	.00093	91.794	2.6170	42.911	.29305
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00018	7.9034	.00042	-.00079	.00062	.00015	.00442
SDev	.00009	.1050	.00015	.00249	.00040	.00056	.00333
%RSD	49.014	1.3286	35.323	314.74	63.980	371.97	75.218
#1	.00025	7.9776	.00031	.00097	.00034	.00055	.00678
#2	.00012	7.8291	.00052	-.00255	.00090	-.00025	.00207
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00041	-.00109	.00718	.00090	.00455	-.00021	.00347
SDev	.00295	.00220	.00389	.00006	.00546	.00028	.00057
%RSD	716.30	202.76	54.189	7.1167	120.16	135.31	16.476
#1	.00167	.00047	.00993	.00094	.00068	-.00041	.00388
#2	-.00250	-.00264	.00443	.00085	.00841	-.00001	.00307
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00126	-.00027
SDev	.00386	.00009
%RSD	305.96	33.737
#1	.00399	-.00034
#2	-.00147	-.00021
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2818	--	--	--	--	--	--
SDev	33.67596	--	--	--	--	--	--
%RSD	1.195057	--	--	--	--	--	--
#1	2794	--	--	--	--	--	--
#2	2842	--	--	--	--	--	--

Analysis Report 03/30/06 01:27:42 PM page 1

Method: TRACE2 Sample Name: AD613791 Operator: SW
Run Time: 03/30/06 13:22:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06814	.00448	.03607	.86153	.00027	219.48	.00074
SDev	.00107	.00070	.00065	.00844	.00001	1.09	.00008
%RSD	1.5729	15.543	1.8115	.97981	3.1120	.49751	11.193
#1	.06738	.00399	.03653	.85556	.00027	218.71	.00068
#2	.06889	.00497	.03561	.86750	.00028	220.25	.00080
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00048	.00237	.00182	92.520	3.4561	37.029	.42626
SDev	.00014	.00003	.00019	.159	.0184	.108	.00070
%RSD	30.002	1.1043	10.699	.17228	.53186	.29238	.16451
#1	.00058	.00235	.00196	92.407	3.4691	36.953	.42577
#2	.00038	.00239	.00168	92.632	3.4431	37.106	.42676
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00139	5.8914	.00078	.05161	.05056	.05091	.00479
SDev	.00028	.0669	.00037	.00034	.00186	.00135	.00221
%RSD	19.905	1.1363	47.218	.66073	3.6697	2.6540	46.250
#1	.00120	5.9387	.00104	.05185	.05188	.05187	.00635
#2	.00159	5.8440	.00052	.05137	.04925	.04996	.00322
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00401	.00335	.00551	.00231	.00421	.00001	.00622
SDev	.00095	.00076	.00370	.00005	.00109	.00008	.00039
%RSD	23.604	22.824	67.241	2.2997	25.878	1588.7	6.3178
#1	-.00468	.00281	.00813	.00235	.00497	-.00005	.00650
#2	-.00334	.00389	.00289	.00227	.00344	.00006	.00594
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00355	.00006
SDev	.00043	.00027
%RSD	12.187	440.82
#1	.00385	-.00013
#2	.00324	.00025
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2889	--	--	--	--	--	--
SDev	2.704822	--	--	--	--	--	--
%RSD	.0936236	--	--	--	--	--	--
#1	2887	--	--	--	--	--	--
#2	2891	--	--	--	--	--	--

Analysis Report 03/30/06 01:32:32 PM page 1

Method: TRACE2 Sample Name: AD613792 Operator: SW
Run Time: 03/30/06 13:27:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13963	.02312	.02874	.08260	.00016	59.402	.00053
SDev	.00027	.00097	.00066	.00008	.00002	.009	.00016
%RSD	.19190	4.2032	2.2989	.10018	12.836	.01434	30.203
#1	.13944	.02381	.02827	.08254	.00014	59.396	.00064
#2	.13982	.02243	.02921	.08266	.00017	59.408	.00042
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00480	.00056	.00043	111.26	1.6902	10.906	1.7956
SDev	.00044	.00022	.00014	.12	.0013	.008	.0026
%RSD	9.2134	39.292	31.275	.10877	.07787	.07372	.14408
#1	.00512	.00072	.00034	111.17	1.6893	10.901	1.7938
#2	.00449	.00041	.00053	111.35	1.6912	10.912	1.7975
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00248	5.5578	.00243	-.00164	.00219	.00092	.00621
SDev	.00004	.1072	.00023	.00065	.00032	.00001	.00090
%RSD	1.5835	1.9280	9.4920	39.673	14.496	.54736	14.551
#1	.00246	5.6336	.00227	-.00210	.00242	.00091	.00557
#2	.00251	5.4820	.00260	-.00118	.00197	.00092	.00685
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00118	-.00366	.01114	.00400	.00597	.00070	.00481
SDev	.00122	.00453	.00091	.00010	.00147	.00007	.00009
%RSD	103.62	123.91	8.1711	2.5859	24.630	10.643	1.9240
#1	.00204	-.00686	.01178	.00393	.00493	.00076	.00488
#2	.00031	-.00045	.01049	.00408	.00701	.00065	.00475
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00090	-.00003
SDev	.00136	.00007
%RSD	150.49	210.36
#1	-.00006	-.00008
#2	.00186	.00002
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2926	--	--	--	--	--	--
SDev	14.37191	--	--	--	--	--	--
%RSD	.4911899	--	--	--	--	--	--
#1	2936	--	--	--	--	--	--
#2	2916	--	--	--	--	--	--

Analysis Report 03/30/06 01:37:22 PM page 1

Method: TRACE2 Sample Name: AD613793 Operator: SW
Run Time: 03/30/06 13:32:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08910	.00088	.01507	.10197	.00014	96.330	.00030
SDev	.00064	.00042	.00042	.00010	.00001	.060	.00010
%RSD	.72378	47.738	2.7877	.09942	3.8356	.06191	34.381
#1	.08956	.00118	.01478	.10205	.00015	96.288	.00037
#2	.08865	.00059	.01537	.10190	.00014	96.373	.00022
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00412	.00023	.00027	20.303	.73239	19.706	2.2909
SDev	.00037	.00001	.00076	.040	.00962	.033	.0047
%RSD	8.8668	5.9796	280.12	.19749	1.3132	.16546	.20329
#1	.00386	.00024	-.00026	20.274	.73919	19.683	2.2876
#2	.00438	.00022	.00080	20.331	.72559	19.730	2.2942
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00085	30.845	.00198	-.00202	.00141	.00027	.00095
SDev	.00041	.153	.00063	.00234	.00162	.00186	.00120
%RSD	48.816	.49564	31.636	115.89	115.21	691.18	126.71
#1	-.00056	30.737	.00154	-.00367	.00026	-.00105	.00010
#2	-.00114	30.953	.00243	-.00036	.00256	.00159	.00179
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00053	-.00066	.00175	.00191	.00032	.00020	.00360
SDev	.00065	.00205	.00077	.00015	.00330	.00053	.00009
%RSD	121.11	309.54	44.243	8.0927	1025.6	265.69	2.5491
#1	.00008	-.00211	.00120	.00180	-.00201	.00058	.00366
#2	.00099	.00079	.00230	.00202	.00265	-.00018	.00353
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00367	.00008
SDev	.00017	.00003
%RSD	4.6524	39.879
#1	.00355	.00011
#2	.00379	.00006
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2886	--	--	--	--	--	--
SDev	5.356299	--	--	--	--	--	--
%RSD	.1855646	--	--	--	--	--	--
#1	2890	--	--	--	--	--	--
#2	2883	--	--	--	--	--	--

Analysis Report QC Standard 03/30/06 01:43:32 PM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 03/30/06 13:38:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.829	.48002	.46155	.47182	.50200	25.050	.48867
SDev	.073	.00296	.00238	.00192	.00121	.096	.00180
%RSD	.29456	.61599	.51489	.40697	.24093	.38229	.36840
#1	24.777	.47793	.45987	.47046	.50115	24.982	.48739
#2	24.881	.48211	.46323	.47317	.50286	25.118	.48994
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49458	.50144	.51120	25.178	24.609	25.049	.50773
SDev	.00052	.00016	.00137	.002	.052	.045	.00065
%RSD	.10569	.03103	.26794	.00635	.21327	.17933	.12872
#1	.49421	.50133	.51023	25.179	24.571	25.017	.50727
#2	.49494	.50155	.51217	25.177	24.646	25.081	.50819
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49846	24.483	.49613	.50152	.49262	.49558	.48959
SDev	.00279	.086	.00239	.00260	.00351	.00321	.00577
%RSD	.55966	.35063	.48248	.51852	.71324	.64762	1.1782
#1	.49649	24.544	.49443	.49968	.49013	.49331	.48551
#2	.50043	24.423	.49782	.50336	.49510	.49785	.49367
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48882	.49363	.48758	.50607	.50355	.50135	.49415
SDev	.00405	.00308	.00711	.00143	.00349	.00093	.00203
%RSD	.82767	.62385	1.4588	.28245	.69320	.18578	.41133
#1	.48596	.49145	.48255	.50506	.50108	.50069	.49272
#2	.49168	.49580	.49261	.50708	.50602	.50201	.49559
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50162	.48685
SDev	.00363	.00046
%RSD	.72446	.09406
#1	.50419	.48652
#2	.49905	.48717
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2881	--	--	--	--	--	--
SDev	3.871306	--	--	--	--	--	--
%RSD	.1343941	--	--	--	--	--	--
#1	2878	--	--	--	--	--	--
#2	2883	--	--	--	--	--	--

Analysis Report Blank Sample 03/30/06 01:48:22 PM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 03/30/06 13:43:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02581	.00058	.00221	.00017	.00015	.02880	-.00007
SDev	.00009	.00258	.00011	.00006	.00000	.00018	.00007
%RSD	.32813	447.88	5.0751	36.367	2.1881	.61267	97.855
#1	.02575	.00240	.00213	.00021	.00015	.02892	-.00011
#2	.02587	-.00125	.00229	.00012	.00014	.02867	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00018	.00029	-.00021	.01432	.00023	.02512	.00010
SDev	.00007	.00007	.00035	.00397	.00868	.00018	.00000
%RSD	39.936	23.959	166.13	27.697	3767.2	.73109	.38884
#1	-.00013	.00034	-.00045	.01713	.00637	.02499	.00010
#2	-.00023	.00024	.00004	.01152	-.00591	.02525	.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00060	-.27407	.00023	.00068	-.00204	-.00113	.00206
SDev	.00002	.03560	.00040	.00032	.00111	.00085	.00205
%RSD	2.6608	12.989	175.64	47.651	54.562	74.952	99.338
#1	.00059	-.24890	.00051	.00045	-.00283	-.00174	.00351
#2	.00061	-.29924	-.00005	.00091	-.00125	-.00053	.00061
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00171	.00756	-.00069	.00014	.00158	.00031	.00167
SDev	.00112	.00272	.00171	.00006	.00073	.00044	.00019
%RSD	65.059	36.069	249.37	41.632	46.462	142.13	11.672
#1	.00250	.00948	.00052	.00019	.00210	.00062	.00181
#2	.00093	.00563	-.00189	.00010	.00106	-.00000	.00153
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00088	.00042
SDev	.00111	.00030
%RSD	124.88	72.245
#1	.00167	.00020
#2	.00010	.00063
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2910	--	--	--	--	--	--
SDev	3.924477	--	--	--	--	--	--
%RSD	.1348618	--	--	--	--	--	--
#1	2913	--	--	--	--	--	--
#2	2907	--	--	--	--	--	--

Analysis Report 03/30/06 01:53:12 PM page 1

Method: TRACE2 Sample Name: AD613794 Operator: SW
Run Time: 03/30/06 13:48:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00993	.00193	.00177	.00018	.00005	.02485	.00007
SDev	.00369	.00088	.00003	.00001	.00000	.00005	.00009
%RSD	37.171	45.767	1.4803	6.8229	2.0537	.17969	132.58
#1	.01254	.00130	.00178	.00017	.00005	.02481	.00000
#2	.00732	.00255	.00175	.00019	.00005	.02488	.00013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00016	.00085	.00006	.01191	-.00201	.00763	.00433
SDev	.00011	.00033	.00013	.00236	.00977	.00193	.00008
%RSD	68.738	39.284	214.11	19.805	486.69	25.249	1.8429
#1	.00023	.00061	-.00003	.01357	.00490	.00627	.00428
#2	.00008	.00108	.00015	.01024	-.00892	.00899	.00439
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00105	-.30365	.00015	-.00154	.00100	.00015	.00087
SDev	.00009	.01507	.00002	.00076	.00137	.00117	.00064
%RSD	9.0675	4.9621	14.950	49.357	137.69	771.48	73.956
#1	-.00111	-.29300	.00017	-.00208	.00003	-.00067	.00041
#2	-.00098	-.31431	.00014	-.00100	.00196	.00098	.00132
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00086	.00191	.00035	.00006	.00195	.00055	.00164
SDev	.00168	.00425	.00116	.00011	.00061	.00044	.00000
%RSD	195.07	222.41	332.67	183.29	31.116	79.214	.09760
#1	-.00033	-.00109	.00117	-.00002	.00152	.00024	.00164
#2	.00205	.00491	-.00047	.00013	.00238	.00086	.00164
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00194	-.00013
SDev	.00028	.00018
%RSD	14.659	134.46
#1	.00214	-.00026
#2	.00174	-.00001
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2945	--	--	--	--	--	--
SDev	2.651650	--	--	--	--	--	--
%RSD	.0900268	--	--	--	--	--	--
#1	2947	--	--	--	--	--	--
#2	2944	--	--	--	--	--	--

Analysis Report 03/30/06 01:58:02 PM page 1

Method: TRACE2 Sample Name: AD613795 Operator: SW
Run Time: 03/30/06 13:53:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52682	-.00002	.03876	.03035	.00019	44.192	.00003
SDev	.00097	.00030	.00038	.00012	.00001	.020	.00002
%RSD	.18345	1881.6	.98442	.37872	2.8015	.04495	87.432
#1	.52751	.00020	.03849	.03043	.00018	44.178	.00001
#2	.52614	-.00023	.03903	.03027	.00019	44.206	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00226	.00209	.00572	1.5423	5.9508	10.486	.15234
SDev	.00035	.00016	.00036	.0001	.0133	.011	.00022
%RSD	15.664	7.7633	6.3061	.00946	.22268	.10888	.14258
#1	.00251	.00221	.00597	1.5422	5.9602	10.478	.15218
#2	.00201	.00198	.00546	1.5424	5.9414	10.494	.15249
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00081	10.464	.00752	.00057	.00329	.00238	.00275
SDev	.00027	.161	.00041	.00175	.00057	.00096	.00090
%RSD	32.772	1.5409	5.4290	309.59	17.268	40.403	32.744
#1	.00062	10.350	.00723	-.00067	.00289	.00170	.00211
#2	.00100	10.578	.00780	.00181	.00369	.00306	.00339
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00101	.00280	.00272	.01638	-.00086	.00302	.02366
SDev	.00064	.00357	.00313	.00025	.00077	.00026	.00003
%RSD	63.066	127.11	115.05	1.5474	88.822	8.4859	.14435
#1	.00146	.00533	.00051	.01620	-.00141	.00320	.02368
#2	.00056	.00028	.00494	.01656	-.00032	.00284	.02363
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00076	-.00006
SDev	.00101	.00053
%RSD	132.73	939.36
#1	.00005	.00032
#2	.00148	-.00044
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2907	--	--	--	--	--	--
SDev	7.795956	--	--	--	--	--	--
%RSD	.2682237	--	--	--	--	--	--
#1	2912	--	--	--	--	--	--
#2	2901	--	--	--	--	--	--

Analysis Report 03/30/06 02:02:53 PM page 1

Method: TRACE2 Sample Name: AD613796 Operator: SW
Run Time: 03/30/06 13:58:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14570	.03839	.06605	2.2824	.00083	C.00000	-.00005
SDev	.00306	.00054	.00023	.0181	.00000	.00000	.00009
%RSD	2.0991	1.4175	.34782	.79464	.48961	.00000	195.56
#1	.14786	.03800	.06621	2.2695	.00083	C.00000	.00002
#2	.14354	.03877	.06588	2.2952	.00083	C.00000	-.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00862	.00849	.00145	.16353	75.126	.09615	.00552
SDev	.00036	.00003	.00053	.00206	.074	.00107	.00002
%RSD	4.1438	.39745	36.572	1.2581	.09820	1.1141	.42244
#1	.00837	.00847	.00107	.16207	75.178	.09691	.00550
#2	.00887	.00852	.00182	.16498	75.073	.09539	.00553
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07366	432.04	.02009	.00032	-.00078	-.00041	.01455
SDev	.00031	.11	.00028	.00254	.00079	.00032	.00184
%RSD	.42166	.02602	1.3843	800.53	101.22	77.695	12.657
#1	.07344	432.12	.02029	-.00148	-.00022	-.00064	.01586
#2	.07388	431.96	.01990	.00211	-.00133	-.00019	.01325
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00285	.01963	.01202	.00247	-.00172	.00071	.02160
SDev	.00048	.00603	.00025	.00007	.00045	.00019	.00004
%RSD	16.925	30.713	2.0905	2.7566	26.102	26.532	.17040
#1	.00319	.02389	.01184	.00242	-.00204	.00057	.02157
#2	.00251	.01537	.01219	.00252	-.00140	.00084	.02162
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00331	.00038
SDev	.00203	.00036
%RSD	61.478	93.661
#1	.00187	.00013
#2	.00474	.00064
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2707	--	--	--	--	--	--
SDev	8.485281	--	--	--	--	--	--
%RSD	.3135033	--	--	--	--	--	--
#1	2701	--	--	--	--	--	--
#2	2713	--	--	--	--	--	--

Analysis Report 03/30/06 02:07:43 PM page 1

Method: TRACE2 Sample Name: AD613797 Operator: SW
Run Time: 03/30/06 14:02:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.55140	.00649	.04022	.60193	.00027	294.57	.00004
SDev	.00264	.00255	.00086	.00534	.00000	1.01	.00002
%RSD	.47930	39.363	2.1487	.88746	1.2945	.34447	41.159
#1	.54953	.00468	.03961	.59816	.00027	293.85	.00003
#2	.55326	.00830	.04083	.60571	.00027	295.29	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00137	.07130	.00591	.88024	43.796	.62487	.01543
SDev	.00011	.00003	.00007	.00456	.011	.00250	.00002
%RSD	7.8611	.04828	1.2759	.51816	.02531	.40004	.12333
#1	.00130	.07133	.00586	.87701	43.804	.62664	.01542
#2	.00145	.07128	.00596	.88346	43.788	.62310	.01544
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17497	223.76	.05821	.00543	.00653	.00616	.00167
SDev	.00030	.66	.00072	.00005	.00111	.00076	.00153
%RSD	.17426	.29414	1.2298	.99702	17.038	12.334	91.575
#1	.17475	223.29	.05770	.00539	.00574	.00562	.00059
#2	.17519	224.22	.05871	.00546	.00731	.00670	.00275
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00144	.00339	.00081	.01124	-.00180	.00355	.47281
SDev	.00281	.00199	.00130	.00005	.00254	.00009	.00040
%RSD	194.42	58.620	160.91	.43016	141.37	2.4027	.08480
#1	.00054	.00199	-.00011	.01128	-.00360	.00349	.47253
#2	-.00343	.00480	.00172	.01121	-.00000	.00361	.47309
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00201	.00001
SDev	.00087	.00007
%RSD	43.184	581.52
#1	.00140	-.00004
#2	.00263	.00006
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2857	--	--	--	--	--	--
SDev	3.659312	--	--	--	--	--	--
%RSD	.1280683	--	--	--	--	--	--
#1	2855	--	--	--	--	--	--
#2	2860	--	--	--	--	--	--

Analysis Report 03/30/06 02:12:33 PM page 1

Method: TRACE2 Sample Name: AD613798 Operator: SW
Run Time: 03/30/06 14:07:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19209	.05961	.03844	.94534	.00062	H992.02	.00009
SDev	.00036	.00270	.00128	.00107	.00000	1.54	.00015
%RSD	.18690	4.5240	3.3363	.11285	.09769	.15481	162.18
#1	.19184	.06152	.03935	.94609	.00062	H993.10	.00019
#2	.19234	.05770	.03754	.94458	.00061	H990.93	-.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01696	.04660	.08961	.58320	112.38	.45682	.01210
SDev	.00025	.00006	.00043	.00971	.05	.00045	.00003
%RSD	1.4845	.12571	.48227	1.6657	.04207	.09895	.26487
#1	.01714	.04656	.08992	.59007	112.35	.45714	.01208
#2	.01679	.04664	.08931	.57633	112.42	.45650	.01213
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16795	H807.13	.04506	.03520	.03587	.03565	.01013
SDev	.00152	.08	.00008	.00027	.00097	.00074	.00102
%RSD	.90745	.01046	.18719	.77216	2.7094	2.0724	10.069
#1	.16687	H807.07	.04500	.03540	.03656	.03617	.00941
#2	.16902	H807.19	.04512	.03501	.03518	.03513	.01085
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00015	.01447	.00796	.00569	.00062	.00154	4.7327
SDev	.00293	.00162	.00072	.00036	.00186	.00000	.0051
%RSD	1983.5	11.212	9.0298	6.3212	299.10	.16108	.10777
#1	.00192	.01332	.00745	.00595	.00194	.00154	4.7363
#2	-.00222	.01562	.00846	.00544	-.00069	.00154	4.7291
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00266	-.00015
SDev	.00066	.00032
%RSD	24.802	216.46
#1	.00220	-.00038
#2	.00313	.00008
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2716	--	--	--	--	--	--
SDev	2.545481	--	--	--	--	--	--
%RSD	.0937174	--	--	--	--	--	--
#1	2718	--	--	--	--	--	--
#2	2714	--	--	--	--	--	--

Analysis Report 03/30/06 02:17:23 PM page 1

Method: TRACE2 Sample Name: AD613799 Operator: SW
Run Time: 03/30/06 14:12:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.78941	.03052	.10009	2.4873	.00090	C.00000	.00006
SDev	.00009	.00112	.00021	.0051	.00001	.00000	.00002
%RSD	.01088	3.6547	.21104	.20387	.87432	.00000	36.743
#1	.78935	.03131	.10024	2.4909	.00090	C.00000	.00008
#2	.78947	.02973	.09994	2.4837	.00089	C.00000	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01015	.07824	.01120	13.675	64.547	6.6623	.12253
SDev	.00029	.00100	.00034	.040	.079	.0079	.00017
%RSD	2.8332	1.2717	3.0476	.29142	.12168	.11834	.13709
#1	.01036	.07895	.01096	13.647	64.491	6.6567	.12241
#2	.00995	.07754	.01144	13.704	64.602	6.6679	.12265
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13410	408.86	.01633	.01721	.01839	.01800	.01097
SDev	.00097	.38	.00001	.00148	.00065	.00006	.00064
%RSD	.72321	.09393	.05317	8.6205	3.5419	.33076	5.8316
#1	.13342	408.59	.01634	.01616	.01886	.01796	.01052
#2	.13479	409.13	.01633	.01826	.01793	.01804	.01142
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	.01251	.01020	.02949	-.00163	.00309	9.6021
SDev	.00016	.00055	.00123	.00032	.00281	.00010	.0035
%RSD	81.297	4.3953	12.104	1.0755	172.67	3.3373	.03603
#1	.00032	.01290	.00933	.02971	.00036	.00302	9.5996
#2	.00009	.01212	.01107	.02927	-.00361	.00317	9.6045
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00257	-.00004
SDev	.00122	.00005
%RSD	47.566	144.70
#1	.00170	.00000
#2	.00343	-.00008
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2679	--	--	--	--	--	--
SDev	5.939801	--	--	--	--	--	--
%RSD	.2216860	--	--	--	--	--	--
#1	2684	--	--	--	--	--	--
#2	2675	--	--	--	--	--	--

Analysis Report 03/30/06 02:22:13 PM page 1

Method: TRACE2 Sample Name: AD613796/(1:5) Operator: SW
Run Time: 03/30/06 14:17:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03064	.00865	.01437	.47083	.00031	316.11	.00012
SDev	.00215	.00243	.00042	.00030	.00001	.55	.00001
%RSD	7.0112	28.077	2.9114	.06482	3.6021	.17489	11.086
#1	.02912	.01036	.01466	.47061	.00031	315.72	.00013
#2	.03216	.00693	.01407	.47104	.00030	316.50	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00154	.00223	.00022	.03803	12.353	.02134	.00121
SDev	.00019	.00005	.00021	.00493	.002	.00355	.00006
%RSD	12.051	2.4226	96.155	12.956	.01925	16.648	4.7464
#1	.00141	.00219	.00036	.03455	12.355	.01883	.00117
#2	.00167	.00227	.00007	.04151	12.351	.02385	.00125
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01472	88.018	.00454	-.00052	-.00017	-.00029	.00377
SDev	.00068	.122	.00003	.00122	.00068	.00005	.00092
%RSD	4.5927	.13828	.63002	231.80	407.78	17.937	24.429
#1	.01520	87.932	.00452	-.00138	.00032	-.00025	.00442
#2	.01425	88.104	.00456	.00034	-.00065	-.00032	.00312
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00162	.00296	.00418	.00069	-.00004	.00040	.00418
SDev	.00098	.00887	.00305	.00017	.00141	.00037	.00009
%RSD	60.642	299.77	73.000	24.145	3239.2	91.814	2.2560
#1	-.00232	.00923	.00202	.00081	.00096	.00014	.00411
#2	-.00093	-.00331	.00634	.00058	-.00104	.00066	.00425
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00220	.00037
SDev	.00035	.00061
%RSD	15.985	167.10
#1	.00245	.00080
#2	.00195	-.00007
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2783	--	--	--	--	--	--
SDev	5.515468	--	--	--	--	--	--
%RSD	.1981825	--	--	--	--	--	--
#1	2779	--	--	--	--	--	--
#2	2787	--	--	--	--	--	--

Analysis Report 03/30/06 02:27:03 PM page 1

Method: TRACE2 Sample Name: AD613798/(1:5) Operator: SW
Run Time: 03/30/06 14:22:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03691	.01116	.00841	.18830	.00024	175.84	-.00014
SDev	.00084	.00022	.00108	.00156	.00001	.79	.00006
%RSD	2.2749	1.9842	12.778	.82619	2.2697	.44915	43.817
#1	.03631	.01100	.00765	.18720	.00024	175.28	-.00018
#2	.03750	.01132	.00917	.18940	.00025	176.40	-.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00358	.00892	.01663	.12433	18.197	.09531	.00248
SDev	.00033	.00044	.00005	.00009	.010	.00277	.00000
%RSD	9.2785	4.9154	.27186	.07296	.05645	2.9077	.07673
#1	.00381	.00861	.01660	.12439	18.204	.09727	.00248
#2	.00334	.00923	.01666	.12426	18.189	.09335	.00248
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03367	175.02	.01032	.00796	.00603	.00668	.00217
SDev	.00040	.72	.00035	.00168	.00116	.00021	.00130
%RSD	1.1815	.40999	3.4112	21.131	19.199	3.1864	59.933
#1	.03339	174.51	.01057	.00915	.00521	.00652	.00125
#2	.03395	175.53	.01008	.00677	.00685	.00683	.00310
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00030	.00373	.00140	.00125	-.00014	.00065	.97073
SDev	.00250	.00015	.00203	.00015	.00397	.00018	.00246
%RSD	843.33	4.0871	145.44	12.277	2789.5	27.662	.25320
#1	-.00207	.00384	-.00004	.00135	.00267	.00053	.96899
#2	.00147	.00362	.00283	.00114	-.00295	.00078	.97247
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00305	.00025
SDev	.00076	.00038
%RSD	25.075	149.17
#1	.00251	.00052
#2	.00359	-.00001
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2833	--	--	--	--	--	--
SDev	2.015323	--	--	--	--	--	--
%RSD	.0711494	--	--	--	--	--	--
#1	2831	--	--	--	--	--	--
#2	2834	--	--	--	--	--	--

Analysis Report 03/30/06 02:31:54 PM page 1

Method: TRACE2 Sample Name: AD613799/(1:5) Operator: SW
Run Time: 03/30/06 14:27:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15818	.00670	.02014	.51390	.00031	311.70	-.00008
SDev	.00119	.00131	.00095	.00049	.00000	.39	.00015
%RSD	.74894	19.515	4.7111	.09550	.73442	.12586	185.16
#1	.15902	.00762	.02081	.51425	.00031	311.97	-.00018
#2	.15735	.00577	.01947	.51355	.00030	311.42	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00204	.01617	.00138	2.7879	10.362	1.3617	.02453
SDev	.00040	.00068	.00024	.0152	.019	.0047	.00000
%RSD	19.837	4.2206	17.150	.54407	.18382	.34782	.00743
#1	.00233	.01665	.00155	2.7986	10.376	1.3584	.02453
#2	.00175	.01568	.00122	2.7771	10.349	1.3651	.02453
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02617	82.144	.00314	.00067	.00384	.00278	.00112
SDev	.00031	.037	.00072	.00011	.00078	.00049	.00161
%RSD	1.1819	.04528	23.009	16.387	20.405	17.456	143.39
#1	.02639	82.118	.00263	.00075	.00328	.00244	.00226
#2	.02595	82.170	.00365	.00059	.00439	.00313	-.00002
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00080	-.00292	.00315	.00602	-.00227	.00073	2.0163
SDev	.00091	.00297	.00094	.00010	.00322	.00037	.0050
%RSD	113.10	101.53	29.737	1.6977	142.01	50.340	.24864
#1	-.00016	-.00082	.00381	.00609	.00001	.00047	2.0199
#2	-.00144	-.00502	.00249	.00594	-.00454	.00099	2.0128
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00228	-.00008
SDev	.00125	.00012
%RSD	54.835	158.02
#1	.00139	.00001
#2	.00316	-.00016
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2808	--	--	--	--	--	--
SDev	4.719799	--	--	--	--	--	--
%RSD	.1680818	--	--	--	--	--	--
#1	2811	--	--	--	--	--	--
#2	2805	--	--	--	--	--	--

Analysis Report 03/30/06 02:36:44 PM page 1

Method: TRACE2 Sample Name: AD613861/PB Operator: SW
Run Time: 03/30/06 14:31:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01425	.00170	.00210	.00011	.00006	.06258	-.00011
SDev	.00164	.00112	.00052	.00001	.00000	.00309	.00010
%RSD	11.542	66.174	24.486	5.0439	1.0950	4.9329	96.317
#1	.01541	.00090	.00247	.00012	.00006	.06477	-.00003
#2	.01308	.00249	.00174	.00011	.00006	.06040	-.00018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00024	.00005	-.00087	-.00433	-.00311	.00547	.00005
SDev	.00029	.00052	.00026	.00483	.00638	.00373	.00000
%RSD	118.84	981.30	30.007	111.51	205.00	68.076	1.0542
#1	-.00044	.00042	-.00106	-.00092	.00140	.00811	.00005
#2	-.00004	-.00031	-.00069	-.00774	-.00762	.00284	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00033	-.18620	-.00029	.00054	.00151	.00119	.00156
SDev	.00061	.03635	.00042	.00001	.00039	.00026	.00194
%RSD	181.43	19.522	145.39	1.1987	25.732	21.986	124.30
#1	.00009	-.21190	.00001	.00054	.00123	.00100	.00293
#2	-.00076	-.16049	-.00058	.00055	.00178	.00137	.00019
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00121	.00749	-.00141	.00016	-.00098	.00025	.00183
SDev	.00164	.00362	.00471	.00009	.00295	.00018	.00019
%RSD	135.69	48.333	334.35	60.316	300.53	70.745	10.607
#1	.00005	.00493	.00192	.00022	.00110	.00038	.00196
#2	.00236	.01005	-.00474	.00009	-.00307	.00013	.00169
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00130	.00006
SDev	.00099	.00007
%RSD	76.593	110.36
#1	.00059	.00011
#2	.00200	.00001
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2890	--	--	--	--	--	--
SDev	6.310790	--	--	--	--	--	--
%RSD	.2183541	--	--	--	--	--	--
#1	2895	--	--	--	--	--	--
#2	2886	--	--	--	--	--	--

Analysis Report QC Standard 03/30/06 02:42:54 PM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 03/30/06 14:38:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.205	.49059	.46416	.49553	.50636	25.434	.49137
SDev	.094	.00350	.00106	.00274	.00228	.147	.00273
%RSD	.37190	.71378	.22757	.55221	.45009	.57815	.55647
#1	25.139	.48811	.46342	.49359	.50475	25.330	.48944
#2	25.272	.49306	.46491	.49746	.50797	25.538	.49330
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49503	.50155	.52079	25.166	24.770	25.242	.50734
SDev	.00180	.00188	.00216	.068	.070	.078	.00147
%RSD	.36385	.37412	.41578	.27164	.28360	.30934	.29078
#1	.49376	.50022	.51926	25.118	24.720	25.186	.50629
#2	.49630	.50288	.52232	25.214	24.820	25.297	.50838
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49957	24.878	.50075	.50291	.49789	.49956	.49064
SDev	.00204	.068	.00245	.00024	.00720	.00472	.00250
%RSD	.40934	.27489	.48834	.04866	1.4453	.94446	.50985
#1	.49813	24.830	.49902	.50308	.49280	.49623	.48887
#2	.50102	24.926	.50248	.50274	.50298	.50290	.49241
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49362	.49778	.48708	.51752	.50696	.50534	.49505
SDev	.00356	.00114	.00432	.00278	.00804	.00161	.00277
%RSD	.72170	.22847	.88712	.53712	1.5864	.31858	.56023
#1	.49110	.49858	.48402	.51555	.50127	.50420	.49309
#2	.49614	.49697	.49013	.51948	.51264	.50648	.49701
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50218	.49615
SDev	.00379	.00313
%RSD	.75472	.63102
#1	.49950	.49394
#2	.50486	.49836
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2868	--	--	--	--	--	--
SDev	2.545654	--	--	--	--	--	--
%RSD	.0887745	--	--	--	--	--	--
#1	2866	--	--	--	--	--	--
#2	2869	--	--	--	--	--	--

Analysis Report Blank Sample 03/30/06 02:47:44 PM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 03/30/06 14:42:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02623	.00048	.00160	.00008	.00017	.04041	.00005
SDev	.00094	.00060	.00102	.00014	.00002	.00169	.00003
%RSD	3.5753	123.24	63.752	181.37	9.2235	4.1814	61.136
#1	.02689	.00090	.00233	-.00002	.00018	.03921	.00008
#2	.02557	.00006	.00088	.00018	.00016	.04160	.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00009	.00025	-.00109	.00479	-.00463	.02311	.00002
SDev	.00000	.00035	.00047	.00323	.01413	.00234	.00000
%RSD	1.5345	139.58	43.374	67.368	304.96	10.121	1.0089
#1	-.00009	.00050	-.00075	.00708	.00536	.02145	.00002
#2	-.00009	.00000	-.00142	.00251	-.01462	.02476	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00065	.02875	-.00024	.00052	.00005	.00020	.00094
SDev	.00020	.01624	.00023	.00044	.00027	.00004	.00336
%RSD	30.173	56.494	96.675	84.974	595.12	17.831	356.98
#1	.00079	.01727	-.00041	.00083	-.00015	.00018	.00332
#2	.00051	.04024	-.00008	.00021	.00024	.00023	-.00143
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00238	-.00129	.00206	.00015	.00236	-.00013	.00148
SDev	.00204	.00967	.00020	.00013	.00040	.00036	.00050
%RSD	85.666	747.20	9.7912	84.735	16.861	282.83	33.874
#1	.00094	.00555	.00220	.00024	.00208	.00013	.00184
#2	.00382	-.00813	.00192	.00006	.00264	-.00038	.00113
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00072	.00010
SDev	.00163	.00012
%RSD	225.50	122.11
#1	.00188	.00018
#2	-.00043	.00001
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2879	--	--	--	--	--	--
SDev	3.234979	--	--	--	--	--	--
%RSD	.1123505	--	--	--	--	--	--
#1	2877	--	--	--	--	--	--
#2	2882	--	--	--	--	--	--

Analysis Report 03/30/06 02:55:06 PM page 1

Method: TRACE2 Sample Name: AD613842 Operator: SW
Run Time: 03/30/06 14:50:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02398	.01936	.06156	.07424	.00025	95.527	-.00017
SDev	.00066	.00213	.00141	.00018	.00001	.095	.00016
%RSD	2.7685	11.020	2.2945	.23744	5.2928	.09976	94.891
#1	.02445	.01785	.06056	.07436	.00024	95.594	-.00005
#2	.02351	.02087	.06256	.07411	.00026	95.459	-.00028
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00007	.00017	-.00032	1.7499	2.1206	56.657	.02397
SDev	.00007	.00012	.00033	.0063	.0055	.003	.00004
%RSD	114.42	68.054	102.57	.36273	.25957	.00532	.15512
#1	-.00001	.00009	-.00055	1.7544	2.1167	56.654	.02395
#2	-.00012	.00025	-.00009	1.7454	2.1244	56.659	.02400
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01456	11.337	.00055	-.00121	.00185	.00083	.00065
SDev	.00046	.055	.00059	.00056	.00078	.00071	.00213
%RSD	3.1684	.48563	105.53	45.944	42.290	85.060	326.32
#1	.01424	11.298	.00097	-.00082	.00241	.00133	-.00085
#2	.01489	11.376	.00014	-.00161	.00130	.00033	.00216
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00027	-.00138	.00167	.00022	-.00280	-.00003	.00275
SDev	.00121	.00657	.00010	.00001	.00084	.00018	.00051
%RSD	455.75	474.75	5.7048	4.9488	30.053	642.99	18.324
#1	-.00112	-.00603	.00174	.00022	-.00220	-.00016	.00311
#2	.00059	.00326	.00160	.00021	-.00339	.00010	.00240
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00265	-.00060
SDev	.00001	.00024
%RSD	.43225	40.068
#1	.00266	-.00077
#2	.00265	-.00043
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2826	--	--	--	--	--	--
SDev	4.348810	--	--	--	--	--	--
%RSD	.1538612	--	--	--	--	--	--
#1	2830	--	--	--	--	--	--
#2	2823	--	--	--	--	--	--

Analysis Report 03/30/06 02:59:56 PM page 1

Method: TRACE2 Sample Name: AD613843 Operator: SW
Run Time: 03/30/06 14:55:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19347	-.00036	6.2803	.03395	.00026	103.86	.00012
SDev	.00133	.00280	.0079	.00021	.00001	.07	.00012
%RSD	.68625	780.39	.12549	.61591	1.9278	.06625	101.48
#1	.19253	.00162	6.2747	.03410	.00026	103.90	.00021
#2	.19441	-.00234	6.2858	.03380	.00026	103.81	.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00118	.00094	.00209	.33399	21.151	43.098	.04867
SDev	.00030	.00019	.00011	.00200	.026	.013	.00011
%RSD	25.110	19.965	5.3550	.59908	.12206	.02989	.22196
#1	.00097	.00081	.00202	.33257	21.133	43.089	.04859
#2	.00139	.00107	.00217	.33540	21.170	43.107	.04874
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00187	267.91	.00136	-.00148	.00248	.00116	.00340
SDev	.00002	.38	.00005	.00088	.00111	.00045	.00020
%RSD	.99913	.14194	3.6921	59.348	44.980	38.865	6.0304
#1	.00188	267.64	.00132	-.00210	.00326	.00148	.00325
#2	.00185	268.18	.00139	-.00086	.00169	.00084	.00354
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00051	.00703	.00158	.00271	-.00537	.00032	.00606
SDev	.00014	.00362	.00212	.00038	.00404	.00009	.00011
%RSD	28.089	51.471	133.97	14.046	75.286	28.800	1.8556
#1	-.00061	.00960	.00008	.00298	-.00823	.00039	.00614
#2	-.00041	.00447	.00308	.00244	-.00251	.00026	.00598
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00276	.00008
SDev	.00291	.00045
%RSD	105.70	548.05
#1	.00070	.00040
#2	.00482	-.00024
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2800	--	--	--	--	--	--
SDev	4.083473	--	--	--	--	--	--
%RSD	.1458259	--	--	--	--	--	--
#1	2797	--	--	--	--	--	--
#2	2803	--	--	--	--	--	--

Analysis Report 03/30/06 03:04:47 PM page 1

Method: TRACE2 Sample Name: AD613844 Operator: SW
Run Time: 03/30/06 15:00:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01551	.02437	.93921	.26806	.00023	130.10	-.00008
SDev	.00098	.00017	.00061	.00259	.00001	.80	.00019
%RSD	6.3426	.71310	.06508	.96610	3.4207	.61782	235.83
#1	.01481	.02425	.93878	.26623	.00023	129.53	-.00021
#2	.01620	.02450	.93964	.26989	.00022	130.67	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00023	.00070	-.00050	1.8367	7.0375	83.750	.03446
SDev	.00022	.00036	.00021	.0158	.0172	.300	.00006
%RSD	93.882	50.476	42.236	.86228	.24377	.35862	.16976
#1	.00008	.00045	-.00064	1.8255	7.0254	83.538	.03442
#2	.00039	.00096	-.00035	1.8479	7.0497	83.963	.03450
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02160	40.803	-.00041	.00118	-.00142	-.00055	-.00112
SDev	.00056	.066	.00007	.00026	.00102	.00060	.00297
%RSD	2.5793	.16057	16.574	21.686	72.344	108.31	265.72
#1	.02200	40.756	-.00045	.00100	-.00069	-.00013	-.00322
#2	.02121	40.849	-.00036	.00136	-.00214	-.00098	.00098
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00050	-.00003	-.00166	.00000	.00229	-.00028	.00209
SDev	.00041	.00346	.00273	.00007	.00233	.00000	.00000
%RSD	82.048	12499.	163.87	2421.6	101.81	.14340	.10967
#1	.00079	-.00248	-.00359	.00006	.00394	-.00028	.00209
#2	.00021	.00242	.00026	-.00005	.00064	-.00028	.00208
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00177	-.00013
SDev	.00088	.00027
%RSD	49.754	204.69
#1	.00115	.00006
#2	.00239	-.00033
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2851	--	--	--	--	--	--
SDev	3.234979	--	--	--	--	--	--
%RSD	.1134647	--	--	--	--	--	--
#1	2849	--	--	--	--	--	--
#2	2853	--	--	--	--	--	--

Analysis Report 03/30/06 03:09:37 PM page 1

Method: TRACE2 Sample Name: AD613845 Operator: SW
Run Time: 03/30/06 15:04:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01744	-.00014	2.4251	.10578	.00022	129.51	-.00015
SDev	.00328	.00084	.0024	.00020	.00002	.14	.00007
%RSD	18.827	595.31	.09817	.19178	7.3109	.10764	48.139
#1	.01512	-.00073	2.4234	.10564	.00021	129.41	-.00010
#2	.01976	.00045	2.4268	.10593	.00023	129.60	-.00020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00035	.00026	-.00087	.27523	13.140	58.303	.02444
SDev	.00000	.00004	.00021	.00065	.014	.059	.00007
%RSD	.57744	16.694	24.287	.23724	.10588	.10082	.27393
#1	.00035	.00023	-.00102	.27569	13.130	58.262	.02439
#2	.00035	.00029	-.00072	.27477	13.149	58.345	.02449
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	42.632	.00035	-.00139	-.00055	-.00083	.00152
SDev	.00038	.206	.00035	.00031	.00122	.00092	.00202
%RSD	110.87	.48320	99.356	22.095	223.54	110.66	132.97
#1	.00007	42.487	.00010	-.00117	.00032	-.00018	.00294
#2	.00062	42.778	.00059	-.00161	-.00141	-.00147	.00009
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00123	.00215	.00120	.00021	-.00261	-.00001	.00173
SDev	.00034	.00317	.00144	.00001	.00070	.00054	.00001
%RSD	28.028	147.09	120.31	3.1942	26.831	9149.2	.45538
#1	-.00147	.00439	.00222	.00021	-.00310	.00038	.00172
#2	-.00098	-.00009	.00018	.00020	-.00211	-.00039	.00173
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00168	.00010
SDev	.00233	.00015
%RSD	138.68	159.01
#1	.00333	-.00001
#2	.00003	.00020
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2855	--	--	--	--	--	--
SDev	10.02310	--	--	--	--	--	--
%RSD	.3510826	--	--	--	--	--	--
#1	2862	--	--	--	--	--	--
#2	2848	--	--	--	--	--	--

Analysis Report 03/30/06 03:14:27 PM page 1

Method: TRACE2 Sample Name: AD613846 Operator: SW
Run Time: 03/30/06 15:09:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01662	.00654	.27228	.10359	.00019	126.20	-.00020
SDev	.00131	.00057	.00007	.00036	.00001	.06	.00007
%RSD	7.9050	8.7482	.02508	.34326	5.7004	.04413	36.804
#1	.01569	.00613	.27223	.10384	.00018	126.24	-.00015
#2	.01755	.00694	.27232	.10334	.00020	126.16	-.00025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00018	.00022	-.00085	1.3984	4.0654	72.400	.02846
SDev	.00004	.00021	.00019	.0012	.0046	.076	.00005
%RSD	19.593	97.166	22.316	.08666	.11361	.10512	.17578
#1	-.00016	.00007	-.00071	1.3975	4.0687	72.346	.02842
#2	-.00021	.00037	-.00098	1.3992	4.0622	72.454	.02849
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02194	16.442	.00026	-.00119	.00034	-.00017	.00025
SDev	.00045	.299	.00021	.00085	.00075	.00078	.00221
%RSD	2.0673	1.8155	78.521	70.893	219.76	454.72	891.84
#1	.02162	16.653	.00012	-.00060	.00087	.00038	-.00132
#2	.02226	16.231	.00041	-.00179	-.00019	-.00072	.00181
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00090	.00329	-.00127	.00021	.00232	-.00008	.00170
SDev	.00014	.00415	.00124	.00011	.00445	.00027	.00030
%RSD	15.730	126.19	97.488	54.631	191.67	325.04	17.693
#1	.00080	.00035	-.00215	.00013	-.00083	.00011	.00149
#2	.00100	.00623	-.00040	.00029	.00547	-.00027	.00191
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00104	-.00011
SDev	.00042	.00058
%RSD	40.166	533.29
#1	.00134	-.00052
#2	.00075	.00030
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2859	--	--	--	--	--	--
SDev	.8486662	--	--	--	--	--	--
%RSD	.0296817	--	--	--	--	--	--
#1	2859	--	--	--	--	--	--
#2	2860	--	--	--	--	--	--

Analysis Report 03/30/06 03:19:18 PM page 1

Method: TRACE2 Sample Name: AD613847 Operator: SW
Run Time: 03/30/06 15:14:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02289	.02176	.06751	.07231	.00018	93.961	-.00016
SDev	.00013	.00171	.00014	.00006	.00001	.135	.00001
%RSD	.56417	7.8647	.19946	.08878	3.9463	.14415	4.1844
#1	.02299	.02055	.06742	.07235	.00018	93.866	-.00016
#2	.02280	.02297	.06761	.07226	.00017	94.057	-.00016
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	-.00007	-.00026	1.7359	2.0961	55.706	.02366
SDev	.00029	.00009	.00038	.0012	.0118	.111	.00014
%RSD	260.51	115.77	143.23	.06974	.56342	.19848	.60579
#1	-.00032	-.00001	-.00053	1.7367	2.1045	55.628	.02356
#2	.00009	-.00014	.00000	1.7350	2.0878	55.784	.02376
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01460	11.131	.00012	-.00121	.00086	.00017	-.00188
SDev	.00023	.321	.00051	.00128	.00122	.00039	.00058
%RSD	1.6111	2.8842	417.02	105.24	141.91	228.40	30.709
#1	.01476	11.358	.00048	-.00212	.00173	.00045	-.00229
#2	.01443	10.904	-.00024	-.00031	-.00000	-.00011	-.00147
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00164	-.00490	-.00037	.00016	.00087	-.00022	.00145
SDev	.00299	.00461	.00144	.00007	.00093	.00045	.00030
%RSD	182.17	94.172	385.24	45.624	106.92	205.00	20.948
#1	-.00376	-.00816	.00064	.00021	.00021	.00010	.00166
#2	.00047	-.00164	-.00139	.00011	.00154	-.00054	.00123
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00246	.00002
SDev	.00141	.00005
%RSD	57.437	225.57
#1	.00146	.00006
#2	.00346	-.00001
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2839	--	--	--	--	--	--
SDev	.6894982	--	--	--	--	--	--
%RSD	.0242878	--	--	--	--	--	--
#1	2839	--	--	--	--	--	--
#2	2838	--	--	--	--	--	--

Analysis Report 03/30/06 03:24:08 PM page 1

Method: TRACE2 Sample Name: AD613848 Operator: SW
Run Time: 03/30/06 15:19:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05965	.00076	.98155	.05098	.00022	123.87	-.00007
SDev	.00026	.00083	.00269	.00058	.00001	.60	.00002
%RSD	.42940	109.39	.27382	1.1446	2.1701	.48725	23.858
#1	.05946	.00134	.97965	.05056	.00022	123.45	-.00008
#2	.05983	.00017	.98345	.05139	.00021	124.30	-.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00005	.00045	-.00053	.20315	6.7260	57.877	.11461
SDev	.00029	.00030	.00009	.01458	.0115	.121	.00008
%RSD	526.65	65.423	17.116	7.1760	.17025	.20968	.06729
#1	.00015	.00024	-.00046	.21346	6.7341	57.791	.11456
#2	-.00026	.00066	-.00059	.19284	6.7179	57.963	.11467
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00127	53.873	.00245	.00209	-.00087	.00011	.00218
SDev	.00054	.061	.00001	.00195	.00045	.00035	.00245
%RSD	42.430	.11390	.19156	93.621	51.773	308.16	111.99
#1	.00165	53.830	.00245	.00071	-.00055	-.00013	.00391
#2	.00089	53.916	.00245	.00347	-.00119	.00036	.00045
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00101	.00616	.00020	.00106	-.00035	-.00000	.00186
SDev	.00221	.00199	.00268	.00021	.00090	.00054	.00039
%RSD	217.83	32.283	1358.7	19.965	258.19	22479.	21.106
#1	-.00055	.00757	.00209	.00091	-.00099	.00038	.00158
#2	.00258	.00475	-.00170	.00121	.00029	-.00038	.00214
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00079	.00012
SDev	.00293	.00066
%RSD	369.51	546.73
#1	.00287	.00059
#2	-.00128	-.00035
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2858	--	--	--	--	--	--
SDev	10.71260	--	--	--	--	--	--
%RSD	.3748744	--	--	--	--	--	--
#1	2850	--	--	--	--	--	--
#2	2865	--	--	--	--	--	--

Analysis Report 03/30/06 03:28:58 PM page 1

Method: TRACE2 Sample Name: AD613849 Operator: SW
Run Time: 03/30/06 15:24:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.74416	.00058	3.4111	.51982	.00069	584.21	-.00014
SDev	.00181	.00124	.0115	.00088	.00001	.62	.00007
%RSD	.24274	212.06	.33651	.16946	1.2315	.10577	50.171
#1	.74289	.00146	3.4030	.51920	.00068	583.77	-.00019
#2	.74544	-.00029	3.4192	.52044	.00070	584.64	-.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00161	.02518	.00290	1.0617	63.058	238.40	.23843
SDev	.00044	.00015	.00009	.0056	.130	.24	.00026
%RSD	27.081	.60123	3.0978	.52616	.20573	.10009	.10928
#1	.00130	.02508	.00296	1.0578	62.966	238.23	.23824
#2	.00192	.02529	.00283	1.0657	63.150	238.56	.23861
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00249	H1086.3	.00483	-.00245	.00127	.00003	.00157
SDev	.00089	2.0	.00022	.00050	.00217	.00161	.00256
%RSD	35.507	.18602	4.5964	20.322	171.19	5072.5	163.02
#1	.00187	H1084.8	.00467	-.00209	.00280	.00117	-.00024
#2	.00312	H1087.7	.00498	-.00280	-.00027	-.00111	.00338
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00125	.00874	-.00201	.00861	-.00071	.00054	.01723
SDev	.00053	.00206	.00281	.00034	.00154	.00020	.00013
%RSD	42.504	23.587	139.82	3.9123	218.62	36.289	.74914
#1	-.00088	.00728	-.00400	.00838	-.00180	.00040	.01714
#2	-.00163	.01020	-.00002	.00885	.00039	.00068	.01732
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00283	-.00041
SDev	.00253	.00024
%RSD	89.419	58.693
#1	.00462	-.00058
#2	.00104	-.00024
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2623	--	--	--	--	--	--
SDev	2.863817	--	--	--	--	--	--
%RSD	.1091883	--	--	--	--	--	--
#1	2625	--	--	--	--	--	--
#2	2621	--	--	--	--	--	--

Analysis Report 03/30/06 03:33:48 PM page 1

Method: TRACE2 Sample Name: AD613850 Operator: SW
Run Time: 03/30/06 15:29:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41701	.00196	1.2902	.07771	.00034	303.38	.00003
SDev	.00135	.00069	.0009	.00011	.00001	.16	.00001
%RSD	.32429	35.435	.07281	.14543	1.8809	.05192	42.644
#1	.41796	.00245	1.2895	.07779	.00034	303.49	.00004
#2	.41605	.00147	1.2908	.07763	.00035	303.27	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00083	.00155	.00425	.84433	15.869	88.804	.16588
SDev	.00011	.00042	.00015	.01055	.003	.092	.00025
%RSD	13.364	27.130	3.5448	1.2499	.01962	.10394	.15264
#1	.00091	.00185	.00436	.83687	15.867	88.738	.16570
#2	.00075	.00125	.00415	.85179	15.871	88.869	.16606
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00260	56.275	.00481	.00098	.00155	.00136	.00168
SDev	.00016	.169	.00050	.00012	.00128	.00081	.00058
%RSD	6.1498	.30082	10.365	11.738	82.498	59.943	34.688
#1	.00248	56.155	.00446	.00106	.00065	.00078	.00209
#2	.00271	56.394	.00516	.00090	.00245	.00193	.00127
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00088	.00340	.00082	.00651	-.00152	.00083	.01047
SDev	.00171	.00185	.00180	.00033	.00315	.00009	.00010
%RSD	195.13	54.558	219.05	5.0355	206.66	11.003	.90442
#1	-.00033	.00209	.00210	.00674	-.00375	.00089	.01053
#2	.00209	.00471	-.00045	.00628	.00070	.00077	.01040
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00258	.00029
SDev	.00047	.00043
%RSD	18.040	149.55
#1	.00225	.00060
#2	.00291	-.00002
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2794	--	--	--	--	--	--
SDev	1.909154	--	--	--	--	--	--
%RSD	.0683256	--	--	--	--	--	--
#1	2796	--	--	--	--	--	--
#2	2793	--	--	--	--	--	--

Analysis Report QC Standard 03/30/06 03:39:59 PM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 03/30/06 15:35:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.513	.49929	.47367	.51031	.51266	25.782	.49635
SDev	.045	.00061	.00101	.00245	.00149	.110	.00111
%RSD	.17739	.12272	.21261	.47967	.29120	.42539	.22452
#1	25.481	.49885	.47296	.50858	.51160	25.705	.49557
#2	25.545	.49972	.47438	.51204	.51371	25.860	.49714
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49804	.50425	.52873	25.313	24.910	25.253	.51034
SDev	.00051	.00021	.00177	.040	.038	.073	.00050
%RSD	.10139	.04118	.33510	.15760	.15088	.29009	.09787
#1	.49769	.50411	.52748	25.285	24.936	25.202	.50998
#2	.49840	.50440	.52999	25.342	24.883	25.305	.51069
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50363	25.389	.50748	.50608	.50360	.50442	.49998
SDev	.00275	.111	.00209	.00040	.00378	.00239	.00605
%RSD	.54670	.43740	.41161	.07921	.75143	.47392	1.2102
#1	.50168	25.468	.50600	.50636	.50092	.50273	.49570
#2	.50557	25.311	.50895	.50579	.50627	.50611	.50426
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49974	.50015	.49990	.52685	.51643	.51188	.49899
SDev	.00227	.00808	.00504	.00149	.00061	.00124	.00097
%RSD	.45407	1.6151	1.0076	.28247	.11777	.24260	.19355
#1	.49814	.49444	.49634	.52580	.51600	.51101	.49831
#2	.50135	.50586	.50346	.52790	.51686	.51276	.49967
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50932	.50377
SDev	.00092	.00144
%RSD	.18039	.28620
#1	.50867	.50275
#2	.50997	.50478
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2841	--	--	--	--	--	--
SDev	10.65960	--	--	--	--	--	--
%RSD	.3752307	--	--	--	--	--	--
#1	2833	--	--	--	--	--	--
#2	2848	--	--	--	--	--	--

Analysis Report Blank Sample 03/30/06 03:44:50 PM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 03/30/06 15:40:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00992	.00197	.00635	.00015	.00024	.01183	.00002
SDev	.00095	.00068	.00036	.00011	.00007	.00610	.00001
%RSD	9.5619	34.637	5.7395	70.706	27.344	51.554	64.665
#1	.01059	.00149	.00609	.00008	.00019	.00752	.00003
#2	.00925	.00246	.00660	.00023	.00029	.01614	.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00013	.00030	-.00116	.00541	-.00000	.01054	.00011
SDev	.00003	.00021	.00033	.00568	.00750	.00680	.00004
%RSD	26.973	72.453	28.419	105.10	177520.	64.506	36.316
#1	-.00015	.00014	-.00093	.00943	.00530	.00573	.00008
#2	-.00010	.00045	-.00139	.00139	-.00531	.01535	.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00014	-.14345	.00005	.00020	.00076	.00057	.00049
SDev	.00040	.09407	.00028	.00090	.00115	.00107	.00028
%RSD	286.45	65.577	603.03	452.45	152.45	187.26	57.454
#1	.00043	-.20997	.00024	-.00044	-.00006	-.00019	.00069
#2	-.00014	-.07693	-.00015	.00084	.00157	.00133	.00029
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00297	.00033	.00057	.00029	.00160	.00032	.00000
SDev	.00025	.00565	.00240	.00005	.00413	.00009	.00020
%RSD	8.3951	1725.2	419.40	17.060	258.47	28.474	8199.2
#1	.00279	.00432	-.00112	.00025	-.00132	.00025	-.00014
#2	.00314	-.00366	.00227	.00032	.00452	.00038	.00015
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00067	-.00020
SDev	.00254	.00000
%RSD	378.55	.36992
#1	.00247	-.00020
#2	-.00113	-.00021
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2854	--	--	--	--	--	--
SDev	5.621464	--	--	--	--	--	--
%RSD	.1969386	--	--	--	--	--	--
#1	2858	--	--	--	--	--	--
#2	2850	--	--	--	--	--	--

Analysis Report 03/30/06 03:49:41 PM page 1

Method: TRACE2 Sample Name: AD613851 Operator: SW
Run Time: 03/30/06 15:44:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12128	.00165	3.6011	.20426	.00044	262.23	.00007
SDev	.00099	.00105	.0172	.00001	.00000	.21	.00016
%RSD	.81473	63.210	.47667	.00401	.83777	.07951	215.19
#1	.12058	.00239	3.5889	.20426	.00044	262.09	.00018
#2	.12198	.00092	3.6132	.20427	.00044	262.38	-.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00064	.00103	.00057	.17969	33.738	104.52	.10073
SDev	.00015	.00051	.00022	.01065	.082	.17	.00030
%RSD	24.027	49.548	38.188	5.9275	.24203	.15820	.30238
#1	.00074	.00067	.00041	.17216	33.680	104.40	.10051
#2	.00053	.00139	.00072	.18722	33.795	104.64	.10094
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00055	483.75	.00151	-.00137	.00141	.00049	.00113
SDev	.00038	.83	.00013	.00031	.00204	.00126	.00071
%RSD	69.425	.17172	8.5662	22.247	144.53	259.73	63.241
#1	.00028	483.16	.00160	-.00116	-.00003	-.00041	.00163
#2	.00083	484.33	.00142	-.00159	.00286	.00138	.00062
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00147	.00640	-.00150	.00136	.00139	.00027	.00593
SDev	.00160	.00135	.00175	.00015	.00062	.00000	.00030
%RSD	108.49	21.097	116.06	11.274	44.918	.35383	5.0730
#1	.00260	.00544	-.00027	.00147	.00095	.00027	.00614
#2	.00034	.00735	-.00274	.00125	.00183	.00027	.00572
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00444	-.00060
SDev	.00136	.00007
%RSD	30.760	12.172
#1	.00540	-.00055
#2	.00347	-.00065
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2728	--	--	--	--	--	--
SDev	6.575955	--	--	--	--	--	--
%RSD	.2410231	--	--	--	--	--	--
#1	2733	--	--	--	--	--	--
#2	2724	--	--	--	--	--	--

Analysis Report 03/30/06 03:54:31 PM page 1

Method: TRACE2 Sample Name: AD613852 Operator: SW
Run Time: 03/30/06 15:49:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00940	.00040	.66657	.12209	.00027	136.03	-.00015
SDev	.00079	.00181	.00337	.00011	.00002	.46	.00018
%RSD	8.3920	448.10	.50518	.08732	7.2218	.34175	118.40
#1	.00884	-.00088	.66418	.12201	.00026	135.70	-.00027
#2	.00996	.00168	.66895	.12216	.00029	136.36	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00055	.00315	-.00031	.01198	2.8009	54.539	2.0053
SDev	.00015	.00038	.00000	.00006	.0024	.258	.0103
%RSD	26.600	11.971	1.0561	.48003	.08546	.47305	.51201
#1	.00045	.00288	-.00031	.01194	2.7992	54.357	1.9981
#2	.00065	.00342	-.00031	.01203	2.8026	54.721	2.0126
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02840	40.390	.00681	-.00134	.00073	.00004	.00194
SDev	.00033	.096	.00034	.00130	.00096	.00108	.00053
%RSD	1.1720	.23712	4.9695	96.560	132.01	2723.8	27.205
#1	.02817	40.322	.00657	-.00226	.00005	-.00072	.00231
#2	.02864	40.458	.00704	-.00043	.00141	.00080	.00157
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00072	.00096	.00243	.00010	-.00089	-.00005	.00516
SDev	.00139	.00856	.00349	.00011	.00005	.00009	.00008
%RSD	194.37	894.57	143.41	110.36	5.3780	186.14	1.4940
#1	.00027	.00701	-.00003	.00002	-.00092	-.00011	.00522
#2	-.00170	-.00510	.00490	.00018	-.00086	.00002	.00511
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00174	.00030
SDev	.00005	.00017
%RSD	2.7556	57.174
#1	.00177	.00042
#2	.00171	.00018
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2802	--	--	--	--	--	--
SDev	12.67492	--	--	--	--	--	--
%RSD	.4523951	--	--	--	--	--	--
#1	2811	--	--	--	--	--	--
#2	2793	--	--	--	--	--	--

Analysis Report 03/30/06 03:59:22 PM page 1

Method: TRACE2 Sample Name: AD613853 Operator: SW
Run Time: 03/30/06 15:54:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.3128	.00269	2.5793	.09950	.00072	383.55	-.00006
SDev	.0111	.00082	.0057	.00080	.00002	1.93	.00021
%RSD	.25784	30.637	.22151	.80567	2.9268	.50388	316.98
#1	4.3050	.00328	2.5753	.09893	.00071	382.19	.00008
#2	4.3207	.00211	2.5833	.10006	.00074	384.92	-.00021
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00581	.00679	.00857	7.1010	56.182	144.90	.28221
SDev	.00004	.00002	.00051	.0185	.049	.18	.00039
%RSD	.73892	.34499	6.0010	.25995	.08642	.12651	.13679
#1	.00578	.00681	.00893	7.1140	56.216	144.77	.28194
#2	.00584	.00677	.00821	7.0879	56.147	145.03	.28248
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00096	H850.14	.00817	.00280	-.00028	.00075	-.00104
SDev	.00096	.43	.00006	.00050	.00064	.00059	.00006
%RSD	99.829	.05003	.68368	17.787	227.33	79.237	5.4118
#1	.00028	H850.44	.00821	.00316	.00017	.00117	-.00100
#2	.00163	H849.84	.00813	.00245	-.00073	.00033	-.00108
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00064	.00280	-.00296	.04945	-.00199	.00589	.03837
SDev	.00076	.00151	.00084	.00078	.00038	.00009	.00036
%RSD	118.40	53.939	28.365	1.5700	18.878	1.5086	.94664
#1	-.00010	.00173	-.00236	.04890	-.00173	.00596	.03811
#2	-.00118	.00386	-.00355	.05000	-.00226	.00583	.03863
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00292	.00009
SDev	.00136	.00049
%RSD	46.760	542.79
#1	.00389	-.00026
#2	.00195	.00044
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2673	--	--	--	--	--	--
SDev	2.863817	--	--	--	--	--	--
%RSD	.1071417	--	--	--	--	--	--
#1	2675	--	--	--	--	--	--
#2	2671	--	--	--	--	--	--

Analysis Report 03/30/06 04:04:13 PM page 1

Method: TRACE2 Sample Name: AD613854 Operator: SW
Run Time: 03/30/06 15:59:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.74792	.00004	2.4567	.09839	.00030	96.793	-.00001
SDev	.00141	.00023	.0023	.00009	.00001	.002	.00017
%RSD	.18872	635.76	.09192	.08829	4.1471	.00174	1280.4
#1	.74892	-.00013	2.4551	.09833	.00031	96.794	-.00014
#2	.74692	.00020	2.4583	.09845	.00029	96.792	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00043	.00379	.00091	1.0748	11.460	45.390	.03371
SDev	.00007	.00000	.00017	.0086	.010	.001	.00016
%RSD	17.355	.10827	18.366	.79959	.08756	.00291	.46141
#1	.00048	.00379	.00079	1.0688	11.452	45.389	.03360
#2	.00037	.00379	.00103	1.0809	11.467	45.391	.03382
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00316	92.102	.00441	.00092	.00216	.00175	-.00073
SDev	.00017	.157	.00055	.00047	.00068	.00061	.00262
%RSD	5.5464	.17065	12.498	50.970	31.333	34.759	357.75
#1	.00303	91.991	.00480	.00059	.00168	.00132	-.00258
#2	.00328	92.213	.00402	.00125	.00264	.00218	.00112
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00095	-.00413	.00097	.01229	-.00003	.00140	.01903
SDev	.00155	.00243	.00271	.00021	.00252	.00000	.00018
%RSD	163.27	58.887	280.43	1.7133	10049.	.11626	.96367
#1	.00015	-.00585	-.00095	.01244	-.00181	.00140	.01916
#2	-.00205	-.00241	.00289	.01214	.00176	.00140	.01890
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00270	-.00019
SDev	.00043	.00007
%RSD	15.819	36.854
#1	.00301	-.00023
#2	.00240	-.00014
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2811	--	--	--	--	--	--
SDev	3.022812	--	--	--	--	--	--
%RSD	.1075452	--	--	--	--	--	--
#1	2813	--	--	--	--	--	--
#2	2809	--	--	--	--	--	--

Analysis Report 03/30/06 04:09:04 PM page 1

Method: TRACE2 Sample Name: AD613855 Operator: SW
Run Time: 03/30/06 16:04:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10266	.00030	3.3204	.10091	.00021	67.374	-.00007
SDev	.00169	.00097	.0028	.00048	.00002	.145	.00001
%RSD	1.6497	329.97	.08372	.47731	8.5719	.21471	20.125
#1	.10146	-.00039	3.3184	.10125	.00022	67.476	-.00008
#2	.10386	.00098	3.3223	.10057	.00020	67.272	-.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00011	.00115	-.00070	.22492	16.557	30.735	.01575
SDev	.00026	.00034	.00002	.00592	.028	.064	.00001
%RSD	240.80	28.998	3.1030	2.6309	.17146	.20979	.07770
#1	-.00008	.00139	-.00068	.22073	16.537	30.780	.01575
#2	.00029	.00092	-.00071	.22910	16.578	30.689	.01576
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00128	85.090	.00036	-.00158	.00075	-.00002	.00299
SDev	.00047	.166	.00027	.00079	.00041	.00054	.00005
%RSD	37.000	.19538	75.110	50.399	55.140	2252.3	1.6110
#1	.00161	85.207	.00017	-.00101	.00104	.00036	.00302
#2	.00094	84.972	.00056	-.00214	.00046	-.00041	.00295
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00101	.00386	.00255	.00174	.00161	.00051	.00254
SDev	.00105	.00013	.00001	.00007	.00237	.00018	.00009
%RSD	104.38	3.3962	.25756	4.0270	147.79	35.112	3.6766
#1	-.00176	.00396	.00255	.00179	-.00007	.00039	.00248
#2	-.00026	.00377	.00254	.00169	.00329	.00064	.00261
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00081	-.00005
SDev	.00137	.00026
%RSD	169.01	501.79
#1	-.00016	-.00023
#2	.00177	.00013
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2822	--	--	--	--	--	--
SDev	8.326286	--	--	--	--	--	--
%RSD	.2950818	--	--	--	--	--	--
#1	2816	--	--	--	--	--	--
#2	2828	--	--	--	--	--	--

Analysis Report 03/30/06 04:13:55 PM page 1

Method: TRACE2 Sample Name: AD613849/(1:5) Operator: SW
Run Time: 03/30/06 16:09:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15741	.00079	.67040	.10217	.00031	109.19	-.00017
SDev	.00290	.00261	.00042	.00055	.00000	.01	.00011
%RSD	1.8436	329.63	.06242	.53363	.01383	.00936	64.974
#1	.15946	-.00106	.67010	.10256	.00031	109.19	-.00009
#2	.15536	.00264	.67069	.10179	.00031	109.20	-.00025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00030	.00524	.00043	.20802	9.4755	47.077	.04865
SDev	.00019	.00028	.00043	.00544	.0068	.063	.00011
%RSD	64.439	5.4236	101.68	2.6134	.07142	.13309	.22493
#1	.00016	.00504	.00012	.20418	9.4707	47.032	.04857
#2	.00043	.00545	.00073	.21187	9.4803	47.121	.04872
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	244.73	.00124	.00110	.00074	.00086	-.00162
SDev	.00034	.54	.00011	.00240	.00280	.00107	.00070
%RSD	1273.9	.22222	8.6712	218.31	378.28	124.55	42.952
#1	.00021	244.34	.00131	.00279	-.00124	.00010	-.00211
#2	-.00026	245.11	.00116	-.00060	.00272	.00162	-.00113
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00163	-.00214	-.00136	.00259	-.00270	.00027	.00470
SDev	.00053	.00185	.00012	.00012	.00149	.00019	.00030
%RSD	32.587	86.484	8.7404	4.5795	55.277	70.133	6.4304
#1	-.00125	-.00344	-.00144	.00268	-.00376	.00013	.00449
#2	-.00200	-.00083	-.00128	.00251	-.00164	.00040	.00492
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00201	.00028
SDev	.00266	.00035
%RSD	132.60	126.27
#1	.00389	.00053
#2	.00013	.00003
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2743	--	--	--	--	--	--
SDev	6.416959	--	--	--	--	--	--
%RSD	.2339128	--	--	--	--	--	--
#1	2739	--	--	--	--	--	--
#2	2748	--	--	--	--	--	--

Analysis Report 03/30/06 04:18:45 PM page 1

Method: TRACE2 Sample Name: AD613851/(1:5) Operator: SW
Run Time: 03/30/06 16:13:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02630	.00121	.71072	.04062	.00021	50.751	-.00010
SDev	.00068	.00276	.00097	.00028	.00000	.205	.00001
%RSD	2.5974	228.20	.13691	.68376	1.7312	.40484	5.8076
#1	.02582	-.00074	.71004	.04043	.00021	50.605	-.00009
#2	.02679	.00316	.71141	.04082	.00022	50.896	-.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00015	.00020	-.00070	.03469	5.4230	20.703	.02023
SDev	.00011	.00019	.00013	.00756	.0023	.052	.00012
%RSD	72.908	94.155	18.679	21.789	.04207	.25188	.61410
#1	-.00007	.00033	-.00080	.04004	5.4246	20.667	.02015
#2	-.00022	.00007	-.00061	.02935	5.4213	20.740	.02032
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00041	97.857	.00016	.00009	.00099	.00069	.00347
SDev	.00046	.790	.00083	.00187	.00052	.00028	.00044
%RSD	111.49	.80769	504.09	2184.9	52.944	40.061	12.725
#1	-.00009	97.299	.00075	.00141	.00062	.00088	.00316
#2	-.00073	98.416	-.00042	-.00124	.00136	.00049	.00378
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00006	.00715	.00163	.00063	-.00181	-.00006	.00153
SDev	.00087	.00046	.00043	.00014	.00267	.00046	.00052
%RSD	1560.5	6.4945	26.413	22.625	147.19	713.82	33.893
#1	-.00067	.00682	.00132	.00073	.00007	-.00039	.00190
#2	.00056	.00748	.00193	.00053	-.00370	.00026	.00116
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00191	.00009
SDev	.00120	.00009
%RSD	62.823	91.639
#1	.00106	.00003
#2	.00276	.00016
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2815	--	--	--	--	--	--
SDev	10.18244	--	--	--	--	--	--
%RSD	.3617433	--	--	--	--	--	--
#1	2808	--	--	--	--	--	--
#2	2822	--	--	--	--	--	--

Analysis Report 03/30/06 04:23:36 PM page 1

Method: TRACE2 Sample Name: AD613853/(1:5) Operator: SW
Run Time: 03/30/06 16:18:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.93374	.00041	.50895	.02173	.00032	75.176	-.00017
SDev	.00094	.00093	.00129	.00003	.00002	.144	.00025
%RSD	.10031	227.31	.25419	.14423	5.1055	.19204	148.17
#1	.93308	-.00025	.50804	.02175	.00033	75.074	-.00035
#2	.93440	.00106	.50987	.02171	.00031	75.278	.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00082	.00151	.00005	1.4454	8.6844	28.950	.05677
SDev	.00026	.00016	.00030	.0141	.0203	.025	.00025
%RSD	31.321	10.348	600.52	.97414	.23413	.08580	.43497
#1	.00100	.00140	.00027	1.4354	8.6988	28.932	.05660
#2	.00064	.00162	-.00016	1.4553	8.6700	28.967	.05695
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00026	185.71	.00197	.00140	.00169	.00160	.00147
SDev	.00069	.30	.00029	.00014	.00019	.00008	.00072
%RSD	265.33	.16131	14.523	9.9224	11.148	4.9938	49.478
#1	.00074	185.50	.00177	.00130	.00183	.00165	.00095
#2	-.00023	185.92	.00218	.00150	.00156	.00154	.00198
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00024	.00108	.00166	.01559	-.00104	.00159	.00713
SDev	.00006	.00239	.00228	.00146	.00203	.00027	.00029
%RSD	24.854	220.70	137.82	9.3936	195.31	17.048	4.0859
#1	-.00028	.00277	.00004	.01662	.00040	.00140	.00693
#2	-.00020	-.00061	.00327	.01455	-.00248	.00178	.00734
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00324	.00043
SDev	.00115	.00017
%RSD	35.553	40.899
#1	.00405	.00055
#2	.00242	.00030
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2799	--	--	--	--	--	--
SDev	6.469958	--	--	--	--	--	--
%RSD	.2311339	--	--	--	--	--	--
#1	2795	--	--	--	--	--	--
#2	2804	--	--	--	--	--	--

Analysis Report 03/30/06 04:28:27 PM page 1

Method: TRACE2 Sample Name: AD613898 Operator: SW
Run Time: 03/30/06 16:23:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02300	.00069	.11800	.00293	.00017	1.2836	-.00020
SDev	.00083	.00020	.00116	.00005	.00003	.0019	.00009
%RSD	3.5914	29.220	.98380	1.7742	15.970	.15097	45.542
#1	.02241	.00055	.11882	.00289	.00015	1.2850	-.00027
#2	.02358	.00083	.11718	.00297	.00019	1.2822	-.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00024	.00069	.07677	.01065	.11368	.49628	.00019
SDev	.00078	.00040	.00007	.00319	.00164	.00368	.00004
%RSD	323.71	57.528	.09250	29.986	1.4457	.74135	18.879
#1	.00031	.00097	.07672	.01291	.11484	.49888	.00022
#2	-.00079	.00041	.07682	.00839	.11251	.49368	.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00035	137.99	.00217	-.00037	.00083	.00043	.00209
SDev	.00040	.08	.00018	.00023	.00066	.00052	.00114
%RSD	114.79	.05814	8.2208	62.877	79.928	121.07	54.704
#1	.00063	138.04	.00205	-.00021	.00130	.00080	.00290
#2	.00007	137.93	.00230	-.00054	.00036	.00006	.00128
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00219	.00684	-.00028	.00024	-.00295	.00051	.02503
SDev	.00152	.00060	.00142	.00004	.00267	.00036	.00054
%RSD	69.155	8.8185	508.67	15.242	90.382	69.861	2.1451
#1	.00112	.00726	.00072	.00027	-.00107	.00077	.02541
#2	.00326	.00641	-.00128	.00021	-.00484	.00026	.02465
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00168	-.00017
SDev	.00053	.00033
%RSD	31.791	190.37
#1	.00130	.00006
#2	.00206	-.00040
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2837	--	--	--	--	--	--
SDev	19.14488	--	--	--	--	--	--
%RSD	.6747957	--	--	--	--	--	--
#1	2851	--	--	--	--	--	--
#2	2824	--	--	--	--	--	--

Analysis Report 03/30/06 04:33:18 PM page 1

Method: TRACE2 Sample Name: AD613899 Operator: SW
Run Time: 03/30/06 16:28:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01154	.00271	.04561	.26044	.00025	139.17	-.00021
SDev	.00040	.00018	.00016	.00005	.00000	.08	.00003
%RSD	3.4503	6.6280	.34451	.01998	.19742	.05882	14.957
#1	.01182	.00258	.04572	.26040	.00025	139.11	-.00023
#2	.01126	.00284	.04550	.26048	.00026	139.23	-.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00007	.00053	.00436	.00846	1.5660	38.507	.00023
SDev	.00041	.00007	.00014	.00496	.0101	.058	.00000
%RSD	603.29	13.691	3.2631	58.670	.64271	.15105	.24590
#1	-.00036	.00058	.00446	.01197	1.5731	38.466	.00023
#2	.00022	.00047	.00426	.00495	1.5589	38.548	.00023
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00555	25.600	.00106	-.00129	.00037	-.00019	.00267
SDev	.00046	.079	.00047	.00063	.00304	.00182	.00138
%RSD	8.3617	.30879	44.307	48.960	828.98	981.37	51.720
#1	.00522	25.544	.00139	-.00174	.00252	.00110	.00169
#2	.00588	25.656	.00073	-.00085	-.00179	-.00147	.00365
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00138	.00060	.00371	.00005	.00092	.00059	.01519
SDev	.00305	.00256	.00079	.00006	.00162	.00009	.00029
%RSD	221.49	429.53	21.334	121.74	175.80	15.777	1.8928
#1	-.00354	-.00122	.00315	.00001	.00207	.00052	.01540
#2	.00078	.00241	.00427	.00009	-.00022	.00065	.01499
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00013	.00029
SDev	.00138	.00016
%RSD	1060.1	53.704
#1	-.00085	.00040
#2	.00111	.00018
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2801	--	--	--	--	--	--
SDev	3.712311	--	--	--	--	--	--
%RSD	.1325163	--	--	--	--	--	--
#1	2804	--	--	--	--	--	--
#2	2799	--	--	--	--	--	--

Analysis Report QC Standard 03/30/06 04:39:28 PM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 03/30/06 16:34:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.650	.50459	.47393	.52558	.51534	26.034	.49720
SDev	.062	.00054	.00264	.00299	.00076	.093	.00039
%RSD	.24237	.10711	.55634	.56850	.14699	.35531	.07875
#1	25.606	.50421	.47207	.52346	.51480	25.969	.49692
#2	25.694	.50498	.47580	.52769	.51587	26.100	.49748
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49849	.50371	.53406	25.228	24.902	25.333	.50830
SDev	.00078	.00020	.00150	.006	.010	.035	.00012
%RSD	.15656	.04010	.28066	.02575	.04196	.13880	.02291
#1	.49794	.50357	.53300	25.232	24.910	25.308	.50838
#2	.49904	.50385	.53512	25.223	24.895	25.358	.50821
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50341	25.397	.51253	.50449	.51150	.50916	.50129
SDev	.00173	.096	.00213	.00265	.00387	.00170	.00428
%RSD	.34464	.37890	.41454	.52573	.75613	.33318	.85329
#1	.50218	25.329	.51103	.50636	.50877	.50797	.50432
#2	.50464	25.465	.51403	.50261	.51424	.51036	.49827
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50494	.49965	.50213	.53406	.51955	.51435	.50024
SDev	.00502	.00732	.00276	.00167	.00778	.00143	.00011
%RSD	.99514	1.4658	.54858	.31232	1.4978	.27745	.02143
#1	.50138	.50482	.50408	.53288	.51405	.51334	.50016
#2	.50849	.49447	.50018	.53524	.52506	.51536	.50032
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.51191	.51115
SDev	.00174	.00009
%RSD	.33985	.01735
#1	.51068	.51121
#2	.51314	.51109
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2825	--	--	--	--	--	--
SDev	5.144305	--	--	--	--	--	--
%RSD	.1821146	--	--	--	--	--	--
#1	2821	--	--	--	--	--	--
#2	2828	--	--	--	--	--	--

Analysis Report Blank Sample 03/30/06 04:44:20 PM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 03/30/06 16:39:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01191	.00264	.00567	.00010	.00025	.00318	-.00014
SDev	.00331	.00037	.00052	.00006	.00002	.00237	.00004
%RSD	27.825	13.958	9.2638	59.818	8.3368	74.598	31.714
#1	.01425	.00238	.00604	.00006	.00023	.00150	-.00017
#2	.00957	.00290	.00530	.00015	.00026	.00486	-.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00013	.00039	-.00186	.01126	-.00376	.00565	.00010
SDev	.00004	.00049	.00012	.00087	.01929	.00107	.00006
%RSD	30.782	125.62	6.5196	7.7443	513.15	18.969	59.325
#1	-.00016	.00074	-.00178	.01187	.00988	.00489	.00006
#2	-.00011	.00004	-.00195	.01064	-.01740	.00641	.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	-.16383	-.00009	-.00034	-.00039	-.00038	.00353
SDev	.00081	.16854	.00090	.00070	.00425	.00307	.00366
%RSD	421.67	102.87	999.76	202.72	1085.4	816.28	103.63
#1	.00076	-.04465	-.00072	-.00084	-.00340	-.00255	.00612
#2	-.00038	-.28300	.00054	.00015	.00262	.00179	.00094
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00166	.00223	.00419	.00047	-.00018	.00039	.00029
SDev	.00091	.00760	.00169	.00008	.00153	.00018	.00020
%RSD	54.892	341.17	40.423	17.561	874.85	47.588	68.116
#1	.00230	.00760	.00538	.00053	-.00126	.00052	.00015
#2	.00101	-.00315	.00299	.00041	.00091	.00026	.00043
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00023	.00009
SDev	.00021	.00060
%RSD	93.236	639.15
#1	.00038	-.00033
#2	.00008	.00052
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2834	--	--	--	--	--	--
SDev	12.51576	--	--	--	--	--	--
%RSD	.4415897	--	--	--	--	--	--
#1	2825	--	--	--	--	--	--
#2	2843	--	--	--	--	--	--

METALS DIGESTION LOG
A6B15942 - 03/28/06 SW8463 TOTAL 3005 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After		Clarity Before/After		Textur
03/28/06	07:00	MAP	A06-3047	A6304701	A	FS	AD613782	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
03/28/06	07:00	MAP	A06-3047	A6304702	A	FS	AD613783	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
03/28/06	07:00	MAP	A06-3047	A6304703	A	FS	AD613784	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
03/28/06	07:00	MAP	A06-3047	A6304703MS	A	MS	AD613785	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
03/28/06	07:00	MAP	A06-3047	A6304703SD	A	SD	AD613786	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
03/28/06	07:00	MAP	A06-3047	A6304704	A	FS	AD613787	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
03/28/06	07:00	MAP	A06-3047	A6304705	A	FS	AD613788	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
03/28/06	07:00	MAP	A06-3047	A6304706	A	FS	AD613789	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
03/28/06	07:00	MAP	A06-3047	A6304707	A	FS	AD613790	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
03/28/06	07:00	MAP	A06-3047	A6304708	A	FS	AD613791	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
03/28/06	07:00	MAP	A06-3047	A6304709	A	FS	AD613792	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
03/28/06	07:00	MAP	A06-3047	A6304710	A	FS	AD613793	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
03/28/06	07:00	MAP	A06-3054	A6305401	A	FS	AD613794	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
03/28/06	07:00	MAP	A06-3054	A6305402	A	FS	AD613795	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
03/28/06	07:00	MAP	A06-3092	A6309201	A	FS	AD613796	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
03/28/06	07:00	MAP	A06-3092	A6309202	A	FS	AD613797	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
03/28/06	07:00	MAP	A06-3092	A6309203	A	FS	AD613798	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
03/28/06	07:00	MAP	A06-3092	A6309204	A	FS	AD613799	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
03/28/06	07:00	MAP		A6B1594201	A	LFB	AD613800	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
03/28/06	07:00	MAP		A6B1594202	A	MBLK	AD613801	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE

Comments: EPPENDORF'S USED IN PARENTHESIS:
(MDL3) .250ml SN 1853714
QUALITY CONTROL ADDITIVES:
SPIKES ADDED / EPPENDORF (*) USED FOR SPIKING
A- 1 - W1 01-MDL-03 (MDL3) .25 ml PER 50ML FIN VOL
2 - W2 01-MDL-02 (MDL3) .25 ml PER 50ML FIN VOL
3 - Ag MSL0307 (MDL3) .25 ml PER 50ML FIN VOL
4 - Sn MSL0309 (MDL3) .25 ml PER 50ML FIN VOL

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

720/730

METALS DIGESTION LOG
A6B15942 - 03/28/06 SW8463 TOTAL 3005 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After	Clarity Before/After	Textur
				CONC. NITRIC ACID = 03-MDL-16										
				CONC. Hcl ACID = 03-MDL-02										
				HOT BLOCK TEMPERATURE = 120										
				SAMPLE TEMPERATURE = 96										
				BATCH ENDED = 03/28/06										
				DIGESTIVE CUP LOT = A511LS105										

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

METALS DIGESTION LOG
A6B15927 - 03/27/2006 SW8463 Water Hg 7470 W1 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After		Clarity Before/After		Textur
)3/27/06	08:00	MM	A06-3047	A6304701	A	FS	AD613645	A	MERCURY	30.00	50.00					
)3/27/06	08:00	MM	A06-3047	A6304702	A	FS	AD613646	A	MERCURY	30.00	50.00					
)3/27/06	08:00	MM	A06-3047	A6304703	A	FS	AD613647	A	MERCURY	30.00	50.00					
)3/27/06	08:00	MM	A06-3047	A6304703MS	A	MS	AD613648	A	MERCURY	30.00	50.00					
)3/27/06	08:00	MM	A06-3047	A6304703SD	A	SD	AD613649	A	MERCURY	30.00	50.00					
)3/27/06	08:00	MM	A06-3047	A6304704	A	FS	AD613650	A	MERCURY	30.00	50.00					
)3/27/06	08:00	MM	A06-3047	A6304705	A	FS	AD613651	A	MERCURY	30.00	50.00					
)3/27/06	08:00	MM	A06-3047	A6304706	A	FS	AD613652	A	MERCURY	30.00	50.00					
)3/27/06	08:00	MM	A06-3047	A6304707	A	FS	AD613653	A	MERCURY	30.00	50.00					
)3/27/06	08:00	MM	A06-3047	A6304708	A	FS	AD613654	A	MERCURY	30.00	50.00					
)3/27/06	08:00	MM	A06-3047	A6304709	A	FS	AD613655	A	MERCURY	30.00	50.00					
)3/27/06	08:00	MM	A06-3047	A6304710	A	FS	AD613656	A	MERCURY	30.00	50.00					
)3/27/06	08:00	MM	A06-3107	A6310701	A	FS	AD613657	A	MERCURY	30.00	50.00					
)3/27/06	08:00	MM	A06-3107	A6310702	A	FS	AD613658	A	MERCURY	30.00	50.00					
)3/27/06	08:00	MM	A06-3107	A6310703	A	FS	AD613659	A	MERCURY	30.00	50.00					
)3/27/06	08:00	MM	A06-3107	A6310704	A	FS	AD613660	A	MERCURY	30.00	50.00					
)3/27/06	08:00	MM	A06-3107	A6310705	A	FS	AD613661	A	MERCURY	30.00	50.00					
)3/27/06	08:00	MM	A06-3107	A6310706	A	FS	AD613662	A	MERCURY	30.00	50.00					
)3/27/06	08:00	MM	A06-3107	A6310707	A	FS	AD613663	A	MERCURY	30.00	50.00					
)3/27/06	08:00	MM	A06-3113	A6311301	A	FS	AD613664	A	MERCURY	30.00	50.00					
)3/27/06	08:00	MM	A06-3114	A6311401	A	FS	AD613665	A	MERCURY	30.00	50.00					
)3/27/06	08:00	MM	A06-3120	A6312001	A	FS	AD613666	A	MERCURY	30.00	50.00					
)3/27/06	08:00	MM		A6B1592701	A	LCS	AD613667	A	MERCURY	30.00	50.00					
)3/27/06	08:00	MM		A6B1592702	A	MBLK	AD613668	A	MERCURY	30.00	50.00					

Comments: EPPENDORF USED TO ADD SPIKES:
HGL-5 2ml; HGL-4 1mL
EPPENDORFS USED TO DISPENSE SET VOLUMES:
HGL-1 .1mL HGL-4 1mL

722/730

)olor: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

METALS DIGESTION LOG
A6B15927 - 03/27/2006 SW8463 Water Hg 7470 W1 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After	Clarity Before/After	Textur

HGL-2 .2mL HGL-5 2mL
HGL-3 .5mL HGL-6 5mL
MERCURY BATCH ADDITIONS
1.) HgLCS/MS/SD (W) 4-009-B
2.) Potassium Persulfate 3-128-R
3.) Potassium Permanganate 3-187-Q
4.) Stannous Chloride 3-182-U
5.) Hydroxylamine Hydrochloride 3-187-S
6.) HgLCS (S) 7-HGL-1
CONC. NITRIC ACID - J.T. BAKER LOT# B25031
CONC. HCL ACID - MALLINKRODT LOT# A51A00
CONC. SULFURIC ACID - MALLINKRODT LOT# 5557 B05H10
HOT BLOCK A TEMP FROM DESIGNATED CELL: (94)°C
HOT BLOCK B TEMP FROM DESIGNATED CELL: (95)°C
TEMP CRITERIA: 95(+-)3°C
DIGESTION CUPS ENVIROMENTAL EXPRESS LOT# A511LS105

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear Cloudy Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

724/730

3/27/06

L2

L2032707

WinHg Database 1.1

File Utility Help

Protocol hgppb

Dataset/Proto L20327S1/hgppb

Protocol | Line info | Cal Curve | Report | Ctrl Chart | Viewer

Reset

Calib Coeffs

New Cal

Update Coeffs

Spike Coeffs

A

B 1.35605e-5

C -1.13459e-1

rho .999540

Calibrated

Accepted

Accept

Type Linear

Rel. Abs. 737213

Accepted

New

Include S9 Rep 1 2 3 4 5

Conc. 10.0

S	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3
01	.00000	-.107	-.107	476	1848	827	-1523	2121
02	.20000	.184	-.016	21915	15.97%	18035	22879	24833
03	1.0000	.988	-.012	81233	0.59%	81614	80690	81395
04	2.0000	2.05	.049	159474	0.23%	159215	159891	159319
05	5.0000	5.20	.203	392022	0.36%	392928	392734	390403
06	10.000	9.88	-.116	737213	0.42%	739906	733858	737876

Ready CAP NUM

4-009-K
-E
-F
-G
-H
-I

Batches: AGB15928
AGB15927
~~AGB15929~~
3/27/06

Folder: L20327W1
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 2 Ck2ICV Seq: 1 14:30:15 27 Mar 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.	3.02	3.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 2 14:31:30 27 Mar 06 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.088	.200	ppb	.000

*** Check Standard: 4 Ck4CRA Seq: 3 14:33:18 27 Mar 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		73.1	.146	.200	ppb	.000

*** Check Standard: 3 Ck3CCV Seq: 4 14:34:37 27 Mar 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		102.	2.05	2.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 5 14:35:48 27 Mar 06 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.068	.200	ppb	.000

*** Sample ID: AD613669 Seq: 6 14:36:54 27 Mar 06 HG

Hg	.339	ppb	.000	.339

*** Sample ID: AD613670 Seq: 7 14:37:59 27 Mar 06 HG

Hg	-.095	ppb	.000	-.095

*** Sample ID: AD613671 Seq: 8 14:39:14 27 Mar 06 HG

Hg	.003	ppb	.000	.003

*** Sample ID: AD613672 Seq: 9 14:40:19 27 Mar 06 HG

Hg	.126	ppb	.000	.126

*** Sample ID: AD613673 Seq: 10 14:41:45 27 Mar 06 HG

Hg	-.063	ppb	.000	-.063

*** Sample ID: AD613674 Seq: 11 14:43:21 27 Mar 06 HG

Hg	-.057	ppb	.000	-.057

*** Sample ID: AD613675 Seq: 12 14:44:29 27 Mar 06 HG

Hg	.076	ppb	.000	.076

*** Sample ID: AD613676 Seq: 13 14:45:39 27 Mar 06 HG

Hg	-.092	ppb	.000	-.092

```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-------------------------------------------------------------------------------

*** Sample ID: AD613677              Seq:  14     14:46:57 27 Mar 06   HG

Hg   -.074    ppb       .000     -.074
                                                                          =
===============================================================================
*** Sample ID: AD613678              Seq:  15     14:48:15 27 Mar 06   HG

Hg   -.067    ppb       .000     -.067
                                                                          =
*** Check Standard: 3  Ck3CCV        Seq:  16     14:49:20 27 Mar 06   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          102.     2.05    2.00  ppb         .000
                                                                          =
*** Check Standard: 1  Ck1ICB/CCB    Seq:  17     14:50:27 27 Mar 06   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.064     .200     ppb         .000
                                                                          =
*** Sample ID: AD613679              Seq:  18     14:51:33 27 Mar 06   HG

Hg   -.082    ppb       .000     -.082
                                                                          =
===============================================================================
*** Sample ID: AD613680              Seq:  19     14:52:42 27 Mar 06   HG

Hg   -.059    ppb       .000     -.059
                                                                          =
===============================================================================
*** Sample ID: AD613681              Seq:  20     14:55:16 27 Mar 06   HG

Hg   -.084    ppb       .000     -.084
                                                                          =
===============================================================================
*** Sample ID: AD613681L             Seq:  21     14:56:27 27 Mar 06   HG
                           1:3
Hg   -.036    ppb       .000     -.036
                                                                          =
===============================================================================
*** Sample ID: AD613682              Seq:  22     14:57:37 27 Mar 06   HG
                         +4 PPB
Hg    3.85    ppb       .000      3.85
                                                                          =
===============================================================================
*** Sample ID: AD613683              Seq:  23     14:58:45 27 Mar 06   HG
                         +4 PPB
Hg    3.90    ppb       .000      3.90
                                                                          =
===============================================================================
*** Sample ID: AD613684              Seq:  24     15:00:02 27 Mar 06   HG

Hg   -.095    ppb       .000     -.095
                                                                          =
===============================================================================
*** Sample ID: AD613685              Seq:  25     15:01:08 27 Mar 06   HG

Hg   -.057    ppb       .000     -.057
                                                                          =
===============================================================================
*** Sample ID: AD613686              Seq:  26     15:02:15 27 Mar 06   HG

Hg   -.050    ppb       .000     -.050
                                                                          =
===============================================================================
```

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: AD613687				Seq: 27		15:03:31 27 Mar 06	HG	
Hg	-.077	ppb	.000	-.077				
*** Check Standard: 3 Ck3CCV				Seq: 28		15:04:40 27 Mar 06	HG	
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		102.	2.04	2.00	ppb	.000		
*** Check Standard: 1 Ck1ICB/CCB				Seq: 29		15:05:46 27 Mar 06	HG	
Line	Flag	Found	Range(+/-)	Units		SD/RSD		
Hg		-.112	.200	ppb		.000		
*** Sample ID: AD613688				Seq: 30		15:06:58 27 Mar 06	HG	
Hg	-.068	ppb	.000	-.068				
*** Sample ID: AD613689				Seq: 31		15:08:04 27 Mar 06	HG	
Hg	-.030	ppb	.000	-.030				
*** Sample ID: AD613690				Seq: 32		15:09:14 27 Mar 06	HG	
Hg	-.044	ppb	.000	-.044				
*** Sample ID: AD613691				Seq: 33		15:10:19 27 Mar 06	HG	
SPIKED								
Hg	1.89	ppb	.000	1.89				
*** %Rec. ID: AD613691				Seq: 34		15:10:19 27 Mar 06	HG	
			Spikes =1	Unspiked =0				
	Spike		%Rcv.	Avg(U)	SD(U)	Avg(S)	SD(S)	
Hg	2.00	ppb	94.4	.000	.000	1.89	.000	
*** Sample ID: AD613692				Seq: 35		15:11:25 27 Mar 06	HG	
Hg	-.113	ppb	.000	-.113				
*** Sample ID: AD613645				Seq: 36		15:12:42 27 Mar 06	HG	
Hg	-.059	ppb	.000	-.059				
*** Sample ID: AD613646				Seq: 37		15:13:52 27 Mar 06	HG	
Hg	-.069	ppb	.000	-.069				
*** Sample ID: AD613647				Seq: 38		15:15:03 27 Mar 06	HG	
Hg	-.068	ppb	.000	-.068				
*** Sample ID: AD613647L				Seq: 39		15:16:10 27 Mar 06	HG	
			1:3					
Hg	-.085	ppb	.000	-.085				

Folder: L20327W1
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: AD613648 Seq: 40 15:17:21 27 Mar 06 HG

+4 PPB

Hg	3.81	ppb	.000	3.81					=

*** Check Standard: 3 Ck3CCV Seq: 41 15:18:27 27 Mar 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD	
Hg		100.	2.01	2.00	ppb	.000	=

*** Check Standard: 1 Ck1ICB/CCB Seq: 42 15:19:35 27 Mar 06 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD	
Hg		-.071	.200	ppb	.000	=

*** Sample ID: AD613649 Seq: 43 15:20:52 27 Mar 06 HG

+4 PPB

Hg	3.57	ppb	.000	3.57					=

==========

*** Sample ID: AD613650 Seq: 44 15:21:58 27 Mar 06 HG

Hg	-.091	ppb	.000	-.091					=

==========

*** Sample ID: AD613651 Seq: 45 15:23:06 27 Mar 06 HG

Hg	-.067	ppb	.000	-.067					=

==========

*** Sample ID: AD613652 Seq: 46 15:24:17 27 Mar 06 HG

Hg	.001	ppb	.000	.001					=

==========

*** Sample ID: AD613653 Seq: 47 15:25:54 27 Mar 06 HG

Hg	-.020	ppb	.000	-.020					=

==========

*** Sample ID: AD613654 Seq: 48 15:27:00 27 Mar 06 HG

Hg	-.085	ppb	.000	-.085					=

==========

*** Sample ID: AD613655 Seq: 49 15:28:06 27 Mar 06 HG

Hg	-.062	ppb	.000	-.062					=

==========

*** Sample ID: AD613656 Seq: 50 15:29:36 27 Mar 06 HG

Hg	-.052	ppb	.000	-.052					=

==========

*** Sample ID: AD613657 Seq: 51 15:30:46 27 Mar 06 HG

Hg	-.089	ppb	.000	-.089					=

==========

*** Sample ID: AD613658 Seq: 52 15:32:12 27 Mar 06 HG

Hg	-.075	ppb	.000	-.075					=

Folder: L20327W1
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 3 Ck3CCV Seq: 53 15:33:22 27 Mar 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.	2.02	2.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 54 15:34:28 27 Mar 06 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.094	.200	ppb	.000

*** Sample ID: AD613659 Seq: 55 15:35:33 27 Mar 06 HG

Hg -.056 ppb .000 -.056

*** Sample ID: AD613660 Seq: 56 15:36:44 27 Mar 06 HG

Hg -.089 ppb .000 -.089

*** Sample ID: AD613661 Seq: 57 15:38:06 27 Mar 06 HG

Hg -.039 ppb .000 -.039

*** Sample ID: AD613662 Seq: 58 15:39:12 27 Mar 06 HG

Hg -.042 ppb .000 -.042

*** Sample ID: AD613663 Seq: 59 15:40:23 27 Mar 06 HG

Hg -.080 ppb .000 -.080

*** Sample ID: AD613664 Seq: 60 15:42:00 27 Mar 06 HG

Hg -.076 ppb .000 -.076

*** Sample ID: AD613665 Seq: 61 15:43:11 27 Mar 06 HG

Hg -.063 ppb .000 -.063

*** Sample ID: AD613666 Seq: 62 15:44:30 27 Mar 06 HG

Hg -.080 ppb .000 -.080

*** Sample ID: AD613667 Seq: 63 15:45:47 27 Mar 06 HG
SPIKED

Hg 1.87 ppb .000 1.87

*** %Rec. ID: AD613667 Seq: 64 15:45:47 27 Mar 06 HG

Spikes =1 Unspiked =0

	Spike		%Rcv.	Avg(U)	SD(U)	Avg(S)	SD(S)
Hg	2.00	ppb	93.4	.000	.000	1.87	.000

*** Sample ID: AD613668 Seq: 65 15:46:55 27 Mar 06 HG

Hg -.100 ppb .000 -.100

Folder: L20327W1
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 3 Ck3CCV Seq: 66 15:48:02 27 Mar 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.	2.02	2.00	ppb	.000

=

*** Check Standard: 1 Ck1ICB/CCB Seq: 67 15:49:11 27 Mar 06 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.099	.200	ppb	.000

=

ANALYTICAL REPORT

Job#: A06-3143

STL Project#: NY5A9393.3
Site Name: Ecology and Environment NYSDEC Standby
Task: Moreau Dredge Spoils Site-000699.NV22.02

Mr. Gene Florentino
Ecology and Environment
368 Pleasant View Drive
Lancaster, NY 14086

STL Buffalo

Anthony E. Bogolin
Project Manager

04/10/2006

STL Buffalo
Current Certifications

As of 12/28/2005

STATE	Program	Cert # / Lab ID
AFCEE	AFCEE	
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP CWA, RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
Tennessee	SDWA	02970
USACE	USACE	
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA,RCRA	C254
West Virginia	CWA,RCRA	252
Wisconsin	CWA	998310390

Sample Data Summary Package

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A6314301	NM-MW-06-GW	WATER	03/22/2006	10:32	03/24/2006	16:00
A6314305	NM-MWDEC-GW	WATER	03/22/2006	10:49	03/24/2006	16:00
A6314302	NM-MWMPI-01-GW	WATER	03/22/2006	11:57	03/24/2006	16:00
A6314303	NM-MWMPI-02-GW	WATER	03/22/2006	11:50	03/24/2006	16:00
A6314304	NM-MWMPI-04-GW	WATER	03/22/2006	12:42	03/24/2006	16:00

METHODS SUMMARY

Job#: A06-3143

STL Project#: NY5A9393.3
Site Name: Ecology and Environment NYSDEC Standby

PARAMETER	ANALYTICAL METHOD
METHOD 8082 - POLYCHLORINATED BIPHENYLS	SW8463 8082
Aluminum - Total	SW8463 6010
Antimony - Total	SW8463 6010
Arsenic - Total	SW8463 6010
Barium - Total	SW8463 6010
Beryllium - Total	SW8463 6010
Cadmium - Total	SW8463 6010
Calcium - Total	SW8463 6010
Chromium - Total	SW8463 6010
Cobalt - Total	SW8463 6010
Copper - Total	SW8463 6010
Iron - Total	SW8463 6010
Lead - Total	SW8463 6010
Magnesium - Total	SW8463 6010
Manganese - Total	SW8463 6010
Mercury - Total	SW8463 7470
Nickel - Total	SW8463 6010
Potassium - Total	SW8463 6010
Selenium - Total	SW8463 6010
Silver - Total	SW8463 6010
Sodium - Total	SW8463 6010
Thallium - Total	SW8463 6010
Vanadium - Total	SW8463 6010
Zinc - Total	SW8463 6010

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

NON-CONFORMANCE SUMMARY

Job#: A06-3143

STL Project#: NY5A9393.3
Site Name: Ecology and Environment NYSDEC Standby

General Comments

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

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

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

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

Sample Receipt Comments

A06-3143
Sample Cooler(s) were received at the following temperature(s); 6 @ 2.0 °C
All samples were received in good condition.

GC Extractable Data

For method 8082, the recovery of surrogate Decachlorobiphenyl in the Matrix Spike Blank is outside of established quality control limits. The recovery of surrogate Tetrachloro-m-xylene is within quality control limits therfore no further corrective action is required.

Metals Data

The analyte Beryllium was detected in the ICB's and CCB's at levels above the project established reporting limit. The requested reporting limit for Beryllium is below STL's standard reporting limit and, therefore, no corrective action has been taken for any anomalous detections. It must be noted that results reported below STL's standard reporting limit may result in false positive/false negative results, less accurate quantitation and potential misidentification at the lower concentrations.

The CCV, analyzed at (20:36), exhibited results above the quality control limits for Copper. However, the samples were bracketed by compliant CCV's, therefore, no corrective action was necessary.

****

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

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION
AND
ANALYTICAL REQUEST SUMMARY

LAB NAME: SEVERN TRENT LABORATORIES, INC.

CUSTOMER SAMPLE ID	LABORATORY SAMPLE ID	ANALYTICAL REQUIREMENTS						
		VOA GC/MS	BNA GC/MS	VOA GC	PEST PCB	METALS	TCLP HERB	WATER QUALITY
NM-MW-06-GW	A6314301	-	-	-	SW8463	SW8463	-	-
NM-MWDEC-GW	A6314305	-	-	-	SW8463	SW8463	-	-
NM-MWMPI-01-GW	A6314302	-	-	-	SW8463	SW8463	-	-
NM-MWMPI-02-GW	A6314303	-	-	-	SW8463	SW8463	-	-
NM-MWMPI-04-GW	A6314304	-	-	-	SW8463	SW8463	-	-

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
PESTICIDE/PCB ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
NM-MW-06-GW	WATER	03/22/2006	03/24/2006	03/26/2006	03/27/2006
NM-MWDEC-GW	WATER	03/22/2006	03/24/2006	03/26/2006	03/27/2006
NM-MWMPI-01-GW	WATER	03/22/2006	03/24/2006	03/26/2006	03/27/2006
NM-MWMPI-02-GW	WATER	03/22/2006	03/24/2006	03/26/2006	03/27/2006
NM-MWMPI-04-GW	WATER	03/22/2006	03/24/2006	03/26/2006	03/27/2006

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYTICAL SUMMARY
INORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	METALS REQUESTED	DATE RECEIVED AT LAB	DATE DIGESTED	DATE ANALYZED
NM-MW-06-GW	WATER	TAL M W	03/24/2006	03/27/2006-04/04/2006	03/27/2006-04/04/2006
NM-MWDEC-GW	WATER	TAL M W	03/24/2006	03/27/2006-04/04/2006	03/27/2006-04/04/2006
NM-MWMPI-01-GW	WATER	TAL M W	03/24/2006	03/27/2006-04/04/2006	03/27/2006-04/04/2006
NM-MWMPI-02-GW	WATER	TAL M W	03/24/2006	03/27/2006-04/04/2006	03/27/2006-04/04/2006
NM-MWMPI-04-GW	WATER	TAL M W	03/24/2006	03/27/2006-04/04/2006	03/27/2006-04/04/2006

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
ORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILIARY CLEAN UP	DIL/CONC FACTOR
NM-MW-06-GW	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MWDEC-GW	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MWMPI-01-GW	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MWMPI-02-GW	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MWMPI-04-GW	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

LABORATORY SAMPLE CODE	MATRIX	ANALYTICAL PROTOCOL	DIGESTION PROCEDURE	MATRIX MODIFIER	DIL/CONC FACTOR
NM-MW-06-GW	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MWDEC-GW	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MWMPI-01-GW	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MWMPI-02-GW	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MWMPI-04-GW	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED

STL

DATA QUALIFIER PAGE

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

ORGANIC DATA QUALIFIERS

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

INORGANIC DATA QUALIFIERS

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

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-06-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6314301

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 19B48003.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 03/22/2006 03/24/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 03/26/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 03/27/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MWDEC-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6314305

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 19B48007.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 03/22/2006 03/24/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 03/26/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 03/27/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.39	J
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MWMPI-01-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6314302

Sample wt/vol: 1042.00 (g/mL) ML Lab File ID: 19B48004.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 03/22/2006 03/24/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 03/26/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 03/27/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.74	
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MWMPI-02-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6314303

Sample wt/vol: 1048.00 (g/mL) ML Lab File ID: 19B48005.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 03/22/2006 03/24/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 03/26/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 03/27/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.86	
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MWMPI-04-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6314304

Sample wt/vol: 1048.00 (g/mL) ML Lab File ID: 19B48006.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 03/22/2006 03/24/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 03/26/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 03/27/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	2.3	
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-06-GW

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3143

Matrix (soil/water): WATER Lab Sample ID: AD613835

Level (low/med): LOW Date Received: 3/24/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1160			P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	106			P
7440-41-7	Beryllium	0.14			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	63300			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	10700			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	14900			P
7439-96-5	Manganese	715			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	1160			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	61400			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MWDEC-GW

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3143

Matrix (soil/water): WATER Lab Sample ID: AD613839

Level (low/med): LOW Date Received: 3/24/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	92.3			P
7440-41-7	Beryllium	0.15			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	165000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	22200			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	30900			P
7439-96-5	Manganese	821			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	15400			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	14800			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MWMPI-01-GW

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3143

Matrix (soil/water): WATER Lab Sample ID: AD613836

Level (low/med): LOW Date Received: 3/24/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	874			P
7440-41-7	Beryllium	0.20			P
7440-43-9	Cadmium	1.2			P
7440-70-2	Calcium	202000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	92100			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	40800			P
7439-96-5	Manganese	399			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	3370			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	6540			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MWMPI-02-GW

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3143

Matrix (soil/water): WATER Lab Sample ID: AD613837

Level (low/med): LOW Date Received: 3/24/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	917			P
7440-41-7	Beryllium	0.21			P
7440-43-9	Cadmium	1.6			P
7440-70-2	Calcium	218000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	96600			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	38200			P
7439-96-5	Manganese	434			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	3460			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	8010			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MWMPI-04-GW

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3143

Matrix (soil/water): WATER Lab Sample ID: AD613838

Level (low/med): LOW Date Received: 3/24/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	850			P
7440-41-7	Beryllium	0.18			P
7440-43-9	Cadmium	1.8			P
7440-70-2	Calcium	184000			P
7440-47-3	Chromium	5.1			P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	93400			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	35300			P
7439-96-5	Manganese	214			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	4560			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	10100			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

METHOD 8082 - POLYCHLORINATED BIPHENYLS
WATER SURROGATE RECOVERY

Lab Name: STL Buffalo Contract: _____

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

GC Column(1): ZB-5 ID: 0.53 (mm)

	Client Sample ID	Lab Sample ID	DCBP %REC	#	TCMX %REC	#							TOT OUT
1	Matrix Spike Blank	A6B1590401	64	*	81								1
2	Method Blank	A6B1590402	72		88								0
3	NM-MW-06-GW	A6314301	72		75								0
4	NM-MWDEC-GW	A6314305	81		84								0
5	NM-MWMPI-01-GW	A6314302	88		83								0
6	NM-MWMPI-02-GW	A6314303	78		82								0
7	NM-MWMPI-04-GW	A6314304	82		82								0

QC LIMITS

(DCBP) = Decachlorobiphenyl (70-130)
(TCMX) = Tetrachloro-m-xylene (70-130)

\# Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

METHOD 8082 - POLYCHLORINATED BIPHENYLS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A6B1590402

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

Matrix Spike - Client Sample No.: Method Blank

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.	+ =
Aroclor 1260	5.00	4.69	94	50 - 122	
Aroclor 1016	5.00	4.50	90	29 - 123	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 2 outside limits

Comments: _____

METHOD 8082 - POLYCHLORINATED BIPHENYLS
METHOD BLANK SUMMARY

26/1091
Client No.

Method Blank

Lab Name: STL Buffalo Contract: _____

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

Lab Sample ID: A6B1590402 Lab File ID: 19B48002.TX0

Matrix: (soil/water) WATER Extraction: SEPF

Sulfur Cleanup: (Y/N): N Date Extracted: 03/26/2006

Date Analyzed (1): 03/27/2006 Date Analyzed (2): _____

Time Analyzed (1): 13:50 Time Analyzed (2): _____

Instrument ID (1): HP5890-19 Instrument ID (2): _____

GC Column (1): ZB-5 Dia: 0.53(mm) GC Column (2): _____ Dia: ____(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
1	Matrix Spike Blank	A6B1590401	03/27/2006	
2	NM-MW-06-GW	A6314301	03/27/2006	
3	NM-MWDEC-GW	A6314305	03/27/2006	
4	NM-MWMPI-01-GW	A6314302	03/27/2006	
5	NM-MWMPI-02-GW	A6314303	03/27/2006	
6	NM-MWMPI-04-GW	A6314304	03/27/2006	

Comments: _____

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

Method Blank

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B1590402

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 19B48002.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: _____ _____

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 03/26/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 03/27/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.50	U
11104-28-2	Aroclor 1221	0.50	U
11141-16-5	Aroclor 1232	0.50	U
53469-21-9	Aroclor 1242	0.50	U
12672-29-6	Aroclor 1248	0.50	U
11097-69-1	Aroclor 1254	0.50	U
11096-82-5	Aroclor 1260	0.50	U

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Barium	2.0	U	2.0	U	2.0	U	2.0	U	2.000	U	P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Barium			2.0	U	2.0	U					P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	200.0	U	200.0	U	200.0	U	200.0	U	200.000	U	P
Antimony	20.0	U	20.0	U	20.0	U	20.0	U	20.000	U	P
Arsenic	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Beryllium	0.1		0.0		0.3		0.2		0.030	U	P
Cadmium	1.0	U	1.0	U	1.0	U	1.0	U	1.000	U	P
Calcium	500.0	U	500.0	U	500.0	U	500.0	U	500.000	U	P
Chromium	4.0	U	4.0	U	4.0	U	4.0	U	4.000	U	P
Cobalt	4.0	U	4.0	U	4.0	U	4.0	U	4.000	U	P
Copper	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Iron	50.0	U	50.0	U	50.0	U	50.0	U	50.000	U	P
Lead	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P
Magnesium	200.0	U	200.0	U	200.0	U	200.0	U	200.000	U	P
Manganese	3.0	U	3.0	U	3.0	U	3.0	U	3.000	U	P
Nickel	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Potassium	500.0	U	500.0	U	500.0	U	500.0	U	500.000	U	P
Selenium	15.0	U	15.0	U	15.0	U	15.0	U	15.000	U	P
Silver	3.0	U	3.0	U	3.0	U	3.0	U	3.000	U	P
Thallium	20.0	U	20.0	U	20.0	U	20.0	U	20.000	U	P
Vanadium	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P
Zinc	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			200.0	U	200.0	U	200.0	U			P
Antimony			20.0	U	20.0	U	20.0	U			P
Arsenic			10.0	U	10.0	U	10.0	U			P
Beryllium			0.2		0.2		0.2				P
Cadmium			1.0	U	1.0	U	1.0	U			P
Calcium			500.0	U	500.0	U	500.0	U			P
Chromium			4.0	U	4.0	U	4.0	U			P
Cobalt			4.0	U	4.0	U	4.0	U			P
Copper			10.0	U	10.0	U	10.0	U			P
Iron			50.0	U	50.0	U	50.0	U			P
Lead			5.0	U	5.0	U	5.0	U			P
Magnesium			200.0	U	200.0	U	200.0	U			P
Manganese			3.0	U	3.0	U	3.0	U			P
Nickel			10.0	U	10.0	U	10.0	U			P
Potassium			500.0	U	500.0	U	500.0	U			P
Selenium			15.0	U	15.0	U	15.0	U			P
Silver			3.0	U	3.0	U	3.0	U			P
Thallium			20.0	U	20.0	U	20.0	U			P
Vanadium			5.0	U	5.0	U	5.0	U			P
Zinc			10.0	U	10.0	U	10.0	U			P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	200.0	U	200.0	U	200.0	U					P
Antimony	20.0	U	20.0	U	20.0	U					P
Arsenic	10.0	U	10.0	U	10.0	U					P
Beryllium	0.1		0.1		0.2						P
Cadmium	1.0	U	1.0	U	1.0	U					P
Calcium	500.0	U	500.0	U	500.0	U					P
Chromium	4.0	U	4.0	U	4.0	U					P
Cobalt	4.0	U	4.0	U	4.0	U					P
Copper	10.0	U	10.0	U	10.0	U					P
Iron	50.0	U	50.0	U	50.0	U					P
Lead	5.0	U	5.0	U	5.0	U					P
Magnesium	200.0	U	200.0	U	200.0	U					P
Manganese	3.0	U	3.0	U	3.0	U					P
Nickel	10.0	U	10.0	U	10.0	U					P
Potassium	500.0	U	500.0	U	500.0	U					P
Selenium	15.0	U	15.0	U	15.0	U					P
Silver	3.0	U	3.0	U	3.0	U					P
Sodium	1000.0	U	1000.0	U	1000.0	U					P
Thallium	20.0	U	20.0	U	20.0	U					P
Vanadium	5.0	U	5.0	U	5.0	U					P
Zinc	10.0	U	10.0	U	10.0	U					P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Sodium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	1000.000	U	P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Sodium			1000.0	U							P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Mercury	-0.2		-0.2		0.1	U	-0.2		-0.328		CV

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Mercury			-0.2								CV

Comments:

Sample Data Package

SDG Narrative

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A6314301	NM-MW-06-GW	WATER	03/22/2006	10:32	03/24/2006	16:00
A6314305	NM-MWDEC-GW	WATER	03/22/2006	10:49	03/24/2006	16:00
A6314302	NM-MWMPI-01-GW	WATER	03/22/2006	11:57	03/24/2006	16:00
A6314303	NM-MWMPI-02-GW	WATER	03/22/2006	11:50	03/24/2006	16:00
A6314304	NM-MWMPI-04-GW	WATER	03/22/2006	12:42	03/24/2006	16:00

METHODS SUMMARY

Job#: A06-3143

STL Project#: NY5A9393.3
Site Name: Ecology and Environment NYSDEC Standby

PARAMETER	ANALYTICAL METHOD
METHOD 8082 - POLYCHLORINATED BIPHENYLS	SW8463 8082
Aluminum - Total	SW8463 6010
Antimony - Total	SW8463 6010
Arsenic - Total	SW8463 6010
Barium - Total	SW8463 6010
Beryllium - Total	SW8463 6010
Cadmium - Total	SW8463 6010
Calcium - Total	SW8463 6010
Chromium - Total	SW8463 6010
Cobalt - Total	SW8463 6010
Copper - Total	SW8463 6010
Iron - Total	SW8463 6010
Lead - Total	SW8463 6010
Magnesium - Total	SW8463 6010
Manganese - Total	SW8463 6010
Mercury - Total	SW8463 7470
Nickel - Total	SW8463 6010
Potassium - Total	SW8463 6010
Selenium - Total	SW8463 6010
Silver - Total	SW8463 6010
Sodium - Total	SW8463 6010
Thallium - Total	SW8463 6010
Vanadium - Total	SW8463 6010
Zinc - Total	SW8463 6010

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

NON-CONFORMANCE SUMMARY

Job#: A06-3143

STL Project#: NY5A9393.3
Site Name: Ecology and Environment NYSDEC Standby

General Comments

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

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

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

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

Sample Receipt Comments

A06-3143
Sample Cooler(s) were received at the following temperature(s); 6 @ 2.0 °C
All samples were received in good condition.

GC Extractable Data

For method 8082, the recovery of surrogate Decachlorobiphenyl in the Matrix Spike Blank is outside of established quality control limits. The recovery of surrogate Tetrachloro-m-xylene is within quality control limits therfore no further corrective action is required.

Metals Data

The analyte Beryllium was detected in the ICB's and CCB's at levels above the project established reporting limit. The requested reporting limit for Beryllium is below STL's standard reporting limit and, therefore, no corrective action has been taken for any anomalous detections. It must be noted that results reported below STL's standard reporting limit may result in false positive/false negative results, less accurate quantitation and potential misidentification at the lower concentrations.

The CCV, analyzed at (20:36), exhibited results above the quality control limits for Copper. However, the samples were bracketed by compliant CCV's, therefore, no corrective action was necessary.

****

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

Chain Of Custody Documentation

Chain of Custody Record

Round 2 New Moreau

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
Ecology + Environment, Inc.	Gene Florentino	3-22-06	250278
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page** 1 of 1
368 Pleasantview Drive	716 684 8060 716 684 0844		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Lancaster / NY / 14086	Bob Meyers	Tony Bogolin	
Project Name and Location (State)	**Carrier/Waybill Number**		
New Moreau (NY)	Hand Deliver		
Contract/Purchase Order/Quote No.			
000699. NV22.02			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Analysis: PCB's SW 8082		TAL Metals + Hg SW6010B/7470A										Special Instructions/ Conditions of Receipt
NM-MW-06-GW	3/22/06	1032		X			2		1				2	/	1										
NM-MW MPI-01-GW	3/22/06	1157		X			2		1				2	/	1										
NM-MW MPI-02-GW	3/22/06	1150		X			2		1				2	/	1										
NM-MW MPI-04-GW	3/22/06	1242		X			2		1				2	/	1										
NM-MW DEC-GW	3/22/06	1049		X			2		1				2	/	1										

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other Per SOW

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By			1. Received By	3/24/06	1600
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

44/1091

SEVERN TRENT STL

STL Buffalo

45/1091

Doc. Login/ARRF - Side A
Rev 3
10/17/2005

SAMPLE LOGIN JOB # 3143

Shipment ID_____ Strict Internal COC: YES / NO

Residual Chlorine Check: ☐

Radiation Check <0.02 mR/hr: YES / NO

AC _____ Project / Task N5D9393.3 / _____

TAT_____BD/21 CD # OF SAMPLES 5 TRIP BLANK Y/N # _____

SHIPPED BY_____	ATTACH SHIPPING TAGS
RECEIVED DATE / TIME:	03.24.06 16:00

COOLER TEMP 2.0 °C (4 +/- 2 °C) OK NO

Cooler Custody Seal intact? YES/NO NONE SEAL # _____

If NO to cooler temp or seal, PM notified? YES_____ (PM Name)

SUBCONTRACT YES/NO LAB_____ SM # _____

COMMENTS: SAMPLE TIME ACTUAL +1HR +2 HR +3 HR NONE

Sample received outside hold time_____

Headspace in VOA vials_____

Problems with bottle labels_____

OTHER SAMPLE RECEIPT COMMENTS (Fill out ARRF, see reverse)

_____

_____

ARE SAMPLE DATES AND TIMES CORRECT? Initials _____

WERE ALL THE APPROPRIATE TESTS ASSIGNED? Initials _____

Temp.Cert.Loss:_____

Job No: A06-3143
Client: Ecology & Environment, Inc.
Project: NY5A9393.3
SDG:
Case:
SMO No:
No. Samps: 5

Radiation Check: YES
Custody Seal: YES
Chain of Custody: YES
Sample Tags: NO
Sample Tag Numbers: NO
SMO Forms: NO
CLSIS: NO

Cooler Temperature: 6 @ 2.0°C

Sample	Receive	Client Sample ID	Lab ID	Condition	Bottles	Parameters	Lab	Pres log Code	Pres log PH
03/22/2006 10:32	03/24/2006 16:00	NM-MW-06-GW	A6314301	Good	2-1lGA	PCBS	RECNY	0100	
					1-8ozP	T METALS	RECNY	0101	<2
03/22/2006 11:57	03/24/2006 16:00	NM-MWMPI-01-GW	A6314302	Good	2-1lGA	PCBS	RECNY	0100	
					1-8ozP	T METALS	RECNY	0101	<2
03/22/2006 11:50	03/24/2006 16:00	NM-MWMPI-02-GW	A6314303	Good	2-1lGA	PCBS	RECNY	0100	
					1-8ozP	T METALS	RECNY	0101	<2
03/22/2006 12:42	03/24/2006 16:00	NM-MWMPI-04-GW	A6314304	Good	2-1lGA	PCBS	RECNY	0100	
					1-8ozP	T METALS	RECNY	0101	<2
03/22/2006 10:49	03/24/2006 16:00	NM-MWDEC-GW	A6314305	Good	2-1lGA	PCBS	RECNY	0100	
					1-8ozP	T METALS	RECNY	0101	<2
		Matrix Spike Blank	A6B1590401						
		Method Blank	A6B1590402						
		LCS	A6B1592901						
		Method Blank	A6B1592902						

ample Custodian: [signature] 03/24/20

Analytical Services Coordinator: _____ /__/20

Preservation Code References:

First Digit: Sample Filtration; 1=Filtered, 0=Unfiltered
Second Digit: Sample Requires Cooling; (4°) 1=Cooled, 0=Not Cooled

Third, Fourth Digits - Preservation Types:
00=Nothing added, 01=HNO3, 02=H2SO4, 03=HCl, 04=Sodium Thiosulfate
05=NaOH, 06=NaOH+Zinc Acetate, 07=Sodium Thiosulfate+HCl, 08=MeOH
09=MCAA (Mono chloroacetic acid)

8082 Data

QC Summary

METHOD 8082 - POLYCHLORINATED BIPHENYLS
WATER SURROGATE RECOVERY

Lab Name: STL Buffalo Contract: _____

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

GC Column(1): ZB-5 ID: 0.53 (mm)

	Client Sample ID	Lab Sample ID	DCBP %REC	#	TCMX %REC	#							TOT OUT
1	Matrix Spike Blank	A6B1590401	64	*	81								1
2	Method Blank	A6B1590402	72		88								0
3	NM-MW-06-GW	A6314301	72		75								0
4	NM-MWDEC-GW	A6314305	81		84								0
5	NM-MWMPI-01-GW	A6314302	88		83								0
6	NM-MWMPI-02-GW	A6314303	78		82								0
7	NM-MWMPI-04-GW	A6314304	82		82								0

QC LIMITS

(DCBP) = Decachlorobiphenyl (70-130)
(TCMX) = Tetrachloro-m-xylene (70-130)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

METHOD 8082 - POLYCHLORINATED BIPHENYLS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A6B1590402

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

Matrix Spike - Client Sample No.: Method Blank

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.	+ =
Aroclor 1260	5.00	4.69	94	50 - 122	
Aroclor 1016	5.00	4.50	90	29 - 123	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 2 outside limits

Comments: _____

METHOD 8082 - POLYCHLORINATED BIPHENYLS
METHOD BLANK SUMMARY

51/1091
Client No.

Method Blank

Lab Name: STL Buffalo Contract: _____

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

Lab Sample ID: A6B1590402 Lab File ID: 19B48002.TX0

Matrix: (soil/water) WATER Extraction: SEPF

Sulfur Cleanup: (Y/N): N Date Extracted: 03/26/2006

Date Analyzed (1): 03/27/2006 Date Analyzed (2): _____

Time Analyzed (1): 13:50 Time Analyzed (2): _____

Instrument ID (1): HP5890-19 Instrument ID (2): _____

GC Column (1): ZB-5 Dia: 0.53(mm) GC Column (2): _____ Dia: ____(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
1	Matrix Spike Blank	A6B1590401	03/27/2006	
2	NM-MW-06-GW	A6314301	03/27/2006	
3	NM-MWDEC-GW	A6314305	03/27/2006	
4	NM-MWMPI-01-GW	A6314302	03/27/2006	
5	NM-MWMPI-02-GW	A6314303	03/27/2006	
6	NM-MWMPI-04-GW	A6314304	03/27/2006	

Comments: _____

Laboratory: A
roject Manager: AEB

Client Name	Project No	Tsk No	Parameter	TDL Type	Protcl	Method	Test	T M	UM	CDL	TDL	MDL	E X	E I
Fraction: GE														
cology & Environment,	NY5A9393.3	6	Aroclor 1016	EQL	SW8463	8082	CTA29793	S	UG/KG		16.66666	3.26118	N	
cology & Environment,	NY5A9393.3	6	Aroclor 1016	EQL	SW8463	8082	CTA29794	W	UG/L		0.50000	0.17600	N	
cology & Environment,	NY5A9393.3	6	Aroclor 1221	EQL	SW8463	8082	CTA29793	S	UG/KG		16.66666	6.95672	N	
cology & Environment,	NY5A9393.3	6	Aroclor 1221	EQL	SW8463	8082	CTA29794	W	UG/L		0.50000	0.17640	N	
cology & Environment,	NY5A9393.3	6	Aroclor 1232	EQL	SW8463	8082	CTA29793	S	UG/KG		16.66666	3.12131	N	
cology & Environment,	NY5A9393.3	6	Aroclor 1232	EQL	SW8463	8082	CTA29794	W	UG/L		0.50000	0.36470	N	
cology & Environment,	NY5A9393.3	6	Aroclor 1242	EQL	SW8463	8082	CTA29793	S	UG/KG		16.66666	2.90256	N	
cology & Environment,	NY5A9393.3	6	Aroclor 1242	EQL	SW8463	8082	CTA29794	W	UG/L		0.50000	0.31000	N	
cology & Environment,	NY5A9393.3	6	Aroclor 1248	EQL	SW8463	8082	CTA29793	S	UG/KG		16.66666	3.98752	N	
cology & Environment,	NY5A9393.3	6	Aroclor 1248	EQL	SW8463	8082	CTA29794	W	UG/L		0.50000	0.10550	N	
cology & Environment,	NY5A9393.3	6	Aroclor 1254	EQL	SW8463	8082	CTA29793	S	UG/KG		16.66666	8.66085	N	
cology & Environment,	NY5A9393.3	6	Aroclor 1254	EQL	SW8463	8082	CTA29794	W	UG/L		0.50000	0.07860	N	
cology & Environment,	NY5A9393.3	6	Aroclor 1260	EQL	SW8463	8082	CTA29793	S	UG/KG		16.66666	6.57138	N	
cology & Environment,	NY5A9393.3	6	Aroclor 1260	EQL	SW8463	8082	CTA29794	W	UG/L		0.50000	0.25000	N	

52/1091

Sample Data

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-06-GW

Lab Name: SIL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6314301

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 19B48003.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 03/22/2006 03/24/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 03/26/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 03/27/2006

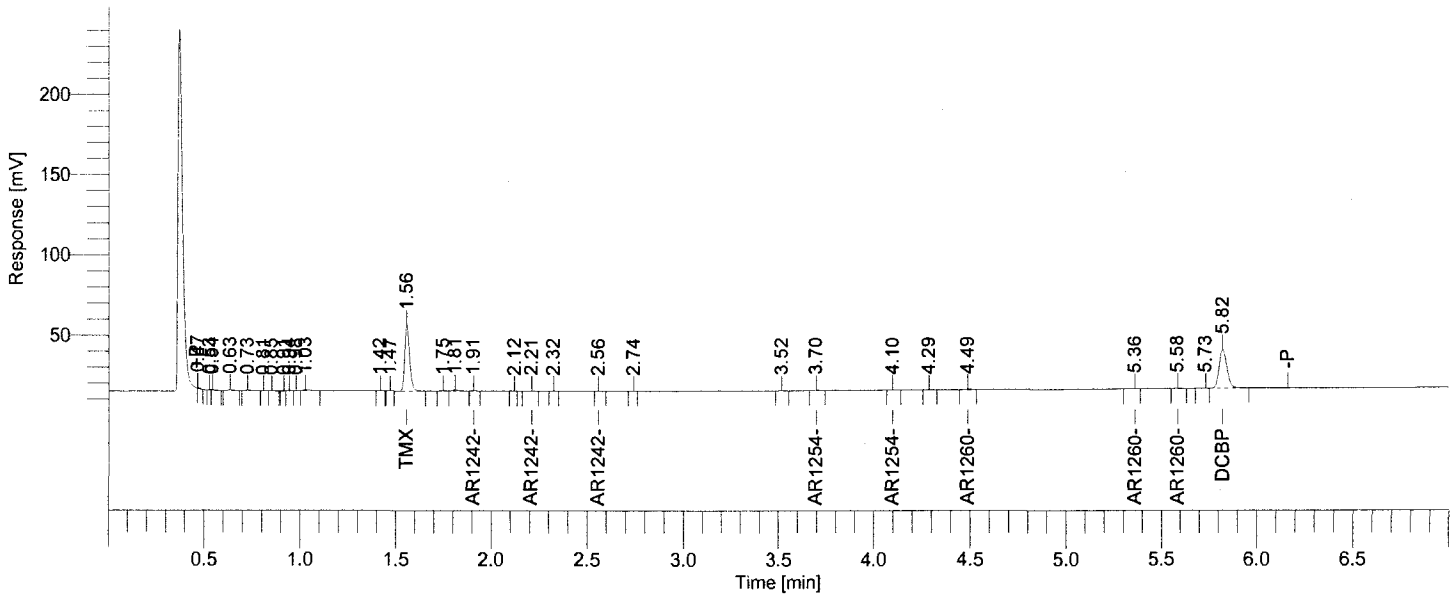
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

Software Version	: 6.2.1.0.104:0104	Date	: 03/28/2006 08:28:36
Reprocess Number	: buf2042: 98033		
Operator	: tchrom	Sample Name	: AW60016796
Sample Number	: A6314301	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/27/2006 14:08:15	Cycle	: 3

Raw Data File : H:\TURBO6\5890-19\19B48003.raw <Modified>
Result File : H:\TURBO6\5890-19\19B48003.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B48003.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B48003.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(03-14-06).mth from H:\TURBO6\5890-19\19B48003.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D48.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
14	1.56	VB	72499	TMX	0.0150	-------	0
31	5.82	BB	68909	DCBP	0.0144	-------	0
			141407			0.0000	

LD 3.29.06

03/28/2006 08:28:36 Result: H:\TURBO6\5890-19\19B48003.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
17	1.91	BB	346	AR1242-A	0.0038	9.4e-04	4
19	2.21	VB	351	AR1242-B	0.0019	4.8e-04	4
21	2.56	BB	124	AR1242-C	3.8e-04	9.6e-05	4
-	2.61		0	AR1242-D	0.0000	-------	-
			821			0.0015	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.96		0	AR1248-A	0.0000	-------	-
-	3.05		0	AR1248-B	0.0000	-------	-
-	3.19		0	AR1248-C	0.0000	-------	-
-	3.41		0	AR1248-D	0.0000	-------	-
			0			0.0000	

LD 3.28.06

Group Report For : AR1254

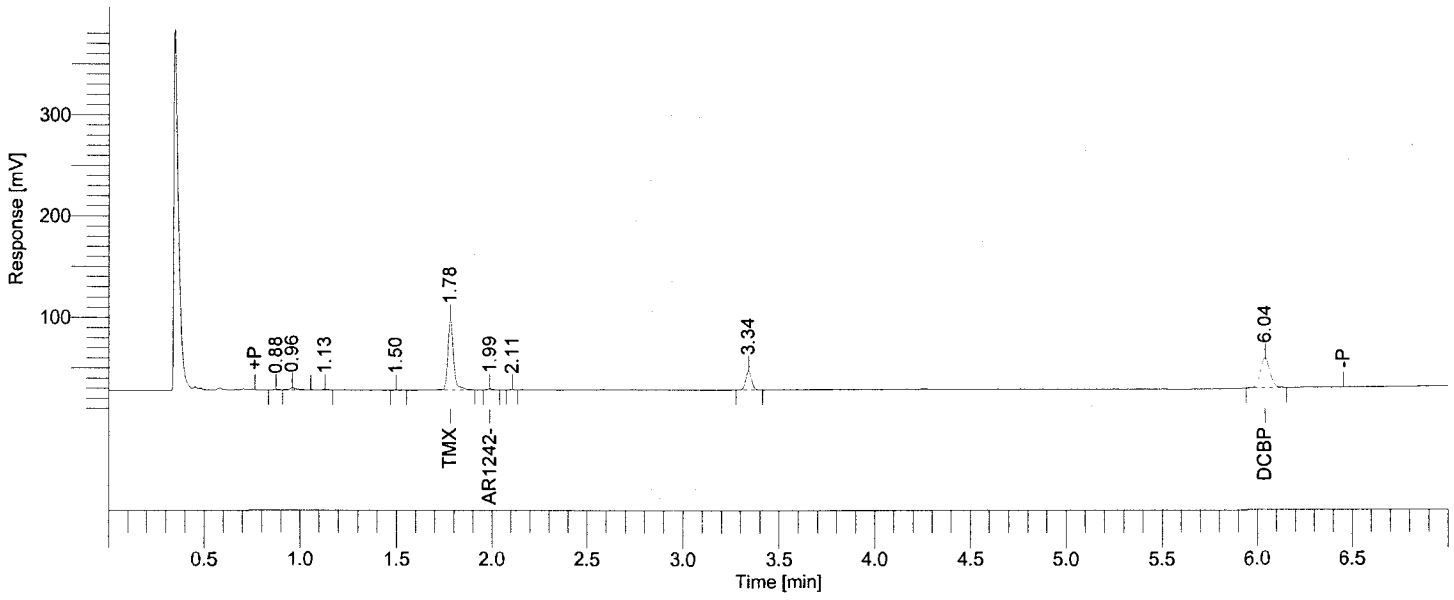
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
24	3.70	BB	477	AR1254-A	0.0012	3.1e-04	4
-	3.83		0	AR1254-B	0.0000	-------	-
25	4.10	BB	137	AR1254-C	4.1e-04	1.0e-04	4
-	4.23		0	AR1254-D	0.0000	-------	-
			614			4.1e-04	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
27	4.49	BB	283	AR1260-A	-0.0266	-7e-03	4
-	4.65		0	AR1260-B	0.0000	-------	-
28	5.36	BB	232	AR1260-C	-1e-02	-2e-03	4
29	5.58	BB	208	AR1260-D	-5e-03	-1e-03	4
			723			-0.0104	

Software Version	: 6.2.1.0.104:0104	Date	: 03/28/2006 08:28:32
Reprocess Number	: buf2042: 98032		
Operator	: tchrom	Sample Name	: AW60016796
Sample Number	: A6314301	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/27/2006 14:08:15	Cycle	: 3

Raw Data File : H:\TURBO6\5890-19\19A48003.raw <Modified>
Result File : H:\TURBO6\5890-19\19A48003.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A48003.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A48003.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(03-14-06).mth from H:\TURBO6\5890-19\19A48003.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D48.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
5	1.78	VV	141552	TMX	0.0148	-------	0
9	6.04	BB	100597	DCBP	0.0144	-------	0
			242150			0.0000	

LA 3.29.06

03/28/2006 08:28:32 Result: H:\TURBO6\5890-19\19A48003.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
6	1.99	VB	2348	AR1242-A	0.0138	0.0034	4
-	2.31		0	AR1242-B	0.0000	-------	-
-	2.45		0	AR1242-C	0.0000	-------	-
-	2.63		0	AR1242-D	0.0000	-------	-
			2348			0.0034	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.88		0	AR1248-A	0.0000	-------	-
-	3.04		0	AR1248-B	0.0000	-------	-
-	3.13		0	AR1248-C	0.0000	-------	-
-	3.48		0	AR1248-D	0.0000	-------	-
			0			0.0000	

LA 3-28-06

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.79		0	AR1254-A	0.0000	-------	-
-	3.98		0	AR1254-B	0.0000	-------	-
-	4.18		0	AR1254-C	0.0000	-------	-
-	4.35		0	AR1254-D	0.0000	-------	-
			0			0.0000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.83		0	AR1260-A	0.0000	-------	-
-	5.05		0	AR1260-B	0.0000	-------	-
-	5.36		0	AR1260-C	0.0000	-------	-
-	5.49		0	AR1260-D	0.0000	-------	-
			0			0.0000	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.: NM-MWDEC-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6314305

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 19B48007.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 03/22/2006 03/24/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 03/26/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 03/27/2006

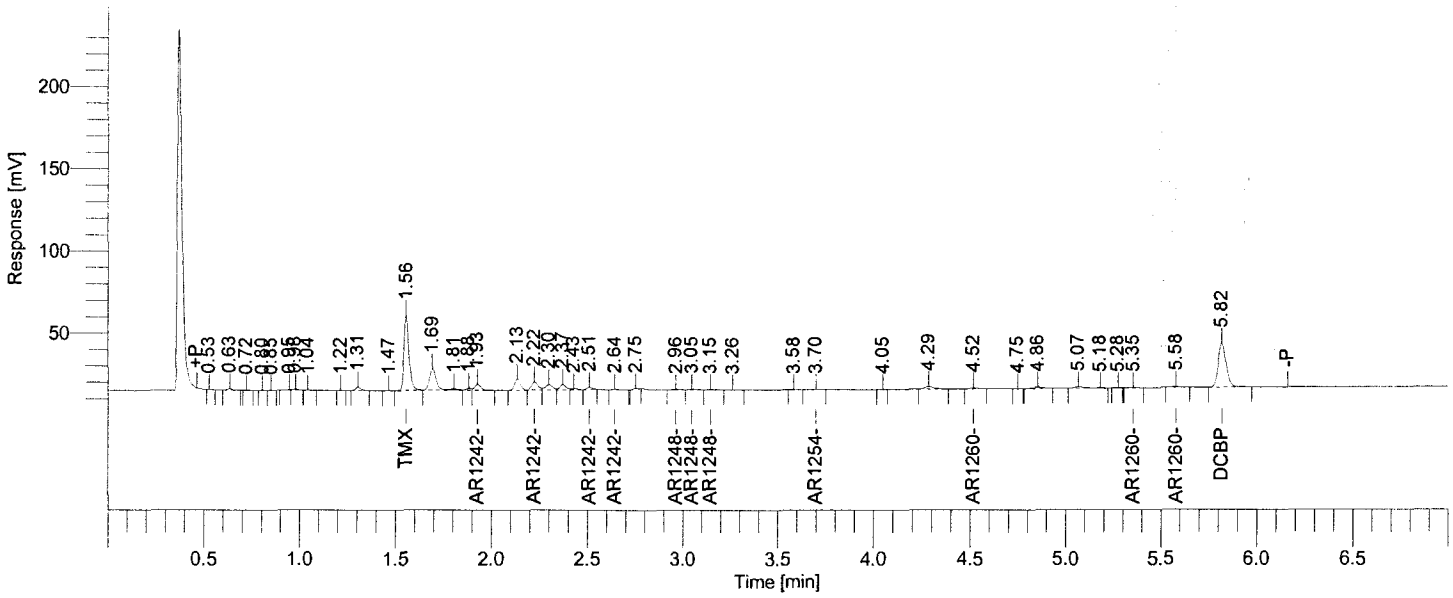
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.39	J
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

Software Version	: 6.2.1.0.104:0104	Date	: 03/28/2006 08:29:08
Reprocess Number	: buf2042: 98041		
Operator	: tchrom	Sample Name	: AW60016800
Sample Number	: A6314305	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/27/2006 15:20:46	Cycle	: 7

Raw Data File : H:\TURBO6\5890-19\19B48007.raw <Modified>
Result File : H:\TURBO6\5890-19\19B48007.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B48007.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B48007.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(03-14-06).mth from H:\TURBO6\5890-19\19B48007.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D48.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
12	1.56	VV	81751	TMX	0.0169	-------	0
	2.22		22803	~~AR1242~~	~~0.0307~~	0.0077	4
41	5.82	BB	77411	DCBP	0.0162	-------	0
			181966			0.0077	

LD
3.29.06

03/28/2006 08:29:08 Result: H:\TURBO6\5890-19\19B48007.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
16	1.93	VB	8056	AR1242-A	0.0878	0.0220	4
18	2.22	VV	10940	AR1242-B	0.0599	0.0150	4
22	2.51	BB	2575	AR1242-C	0.0080	0.0020	4
23	2.64	BB	1232	AR1242-D	0.0085	0.0021	4
			22803			0.0411	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
25	2.96	BV	1216	AR1248-A	0.0053	0.0013	4
26	3.05	VV	1870	AR1248-B	0.0093	0.0023	4
27	3.15	VV	1187	AR1248-C	0.0040	1.0e-03	4
-	3.41		0	AR1248-D	0.0000	-------	-
			4273			0.0046	

LD 3.25e-6

Group Report For : AR1254

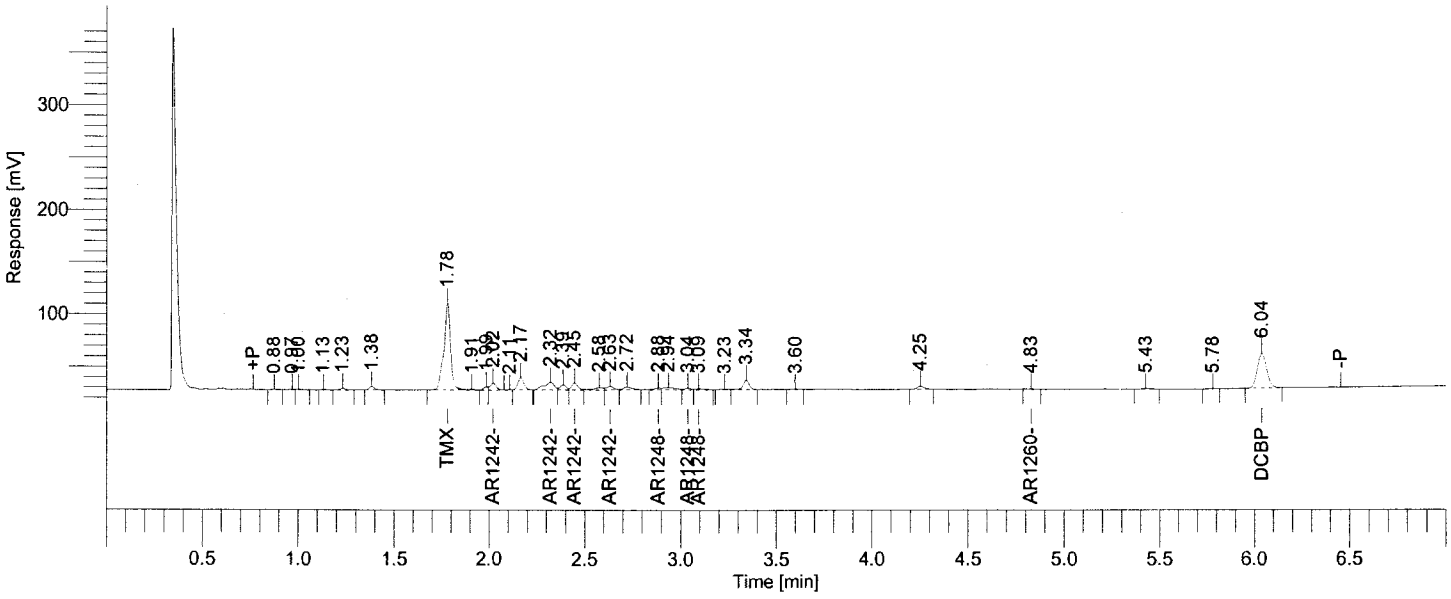
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
30	3.70	VB	525	AR1254-A	0.0014	3.4e-04	4
-	3.83		0	AR1254-B	0.0000	-------	-
-	4.12		0	AR1254-C	0.0000	-------	-
-	4.23		0	AR1254-D	0.0000	-------	-
			525			3.4e-04	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
33	4.52	BB	1705	AR1260-A	-0.0188	-5e-03	4
-	4.65		0	AR1260-B	0.0000	-------	-
39	5.35	BB	624	AR1260-C	-6e-03	-2e-03	4
40	5.58	BB	1193	AR1260-D	0.0208	0.0052	4
			3522			-1e-03	

Software Version	: 6.2.1.0.104:0104	Date	: 03/28/2006 08:29:04
Reprocess Number	: buf2042: 98040		
Operator	: tchrom	Sample Name	: AW60016800
Sample Number	: A6314305	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/27/2006 15:20:46	Cycle	: 7

Raw Data File : H:\TURBO6\5890-19\19A48007.raw <Modified>
Result File : H:\TURBO6\5890-19\19A48007.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A48007.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A48007.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(03-14-06).mth from H:\TURBO6\5890-19\19A48007.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D48.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
7	1.78	BE	204752	TMX	0.0213	-------	0
	2.32		66023	AR1242	0.0516	0.0129	4
	2.88		12333	AR1248	0.0076	0.0019	4
30	6.04	BB	113406	DCBP	0.0162	-------	0
			396514			0.0148	

HA 3.29.06

03/28/2006 08:29:04 Result: H:\TURBO6\5890-19\19A48007.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
10	2.02	VV	14259	AR1242-A	0.0835	0.0209	4
13	2.32	BV	28016	AR1242-B	0.0828	0.0207	4
15	2.45	VV	14658	AR1242-C	0.0711	0.0178	4
17	2.63	VV	9091	AR1242-D	0.0161	0.0040	4
			66023			0.0634	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
19	2.88	VV	4209	AR1248-A	0.0162	0.0040	4
21	3.04	VV	3947	AR1248-B	0.0093	0.0023	4
22	3.09	VB	4176	AR1248-C	0.0123	0.0031	4
-	3.48		0	AR1248-D	0.0000	-------	-
			12333			0.0094	

LD 3/29/06

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.79		0	AR1254-A	0.0000	-------	-
-	3.98		0	AR1254-B	0.0000	-------	-
-	4.18		0	AR1254-C	0.0000	-------	-
-	4.35		0	AR1254-D	0.0000	-------	-
			0			0.0000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
27	4.83	BB	1020	AR1260-A	-0.0300	-8e-03	4
-	5.05		0	AR1260-B	0.0000	-------	-
-	5.36		0	AR1260-C	0.0000	-------	-
-	5.49		0	AR1260-D	0.0000	-------	-
			1020			-8e-03	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.: NM-MWMPI-01-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6314302

Sample wt/vol: 1042.00 (g/mL) ML Lab File ID: 19B48004.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 03/22/2006 03/24/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 03/26/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 03/27/2006

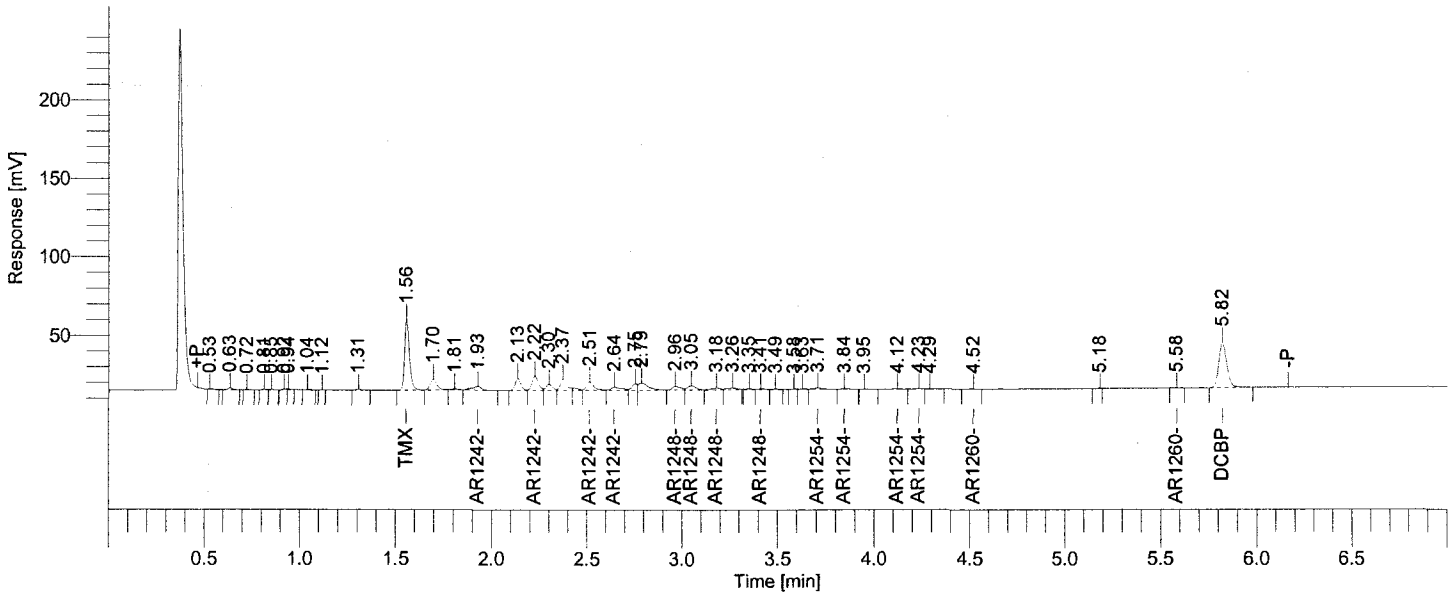
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.74	
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

Software Version	: 6.2.1.0.104:0104	Date	: 03/28/2006 08:28:45
Reprocess Number	: buf2042: 98035		
Operator	: tchrom	Sample Name	: AW60016797
Sample Number	: A6314302	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/27/2006 14:26:22	Cycle	: 4

Raw Data File : H:\TURBO6\5890-19\19B48004.raw <Modified>
Result File : H:\TURBO6\5890-19\19B48004.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B48004.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B48004.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(03-14-06).mth from H:\TURBO6\5890-19\19B48004.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D48.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
11	1.56	BV	80184	TMX	0.0166	-------	0
	2.22		51774	~~AR1242~~	~~0.0698~~	0.0174	4
	3.05		21190	~~AR1248~~	~~0.0228~~	0.0057	4
	3.71		6415	~~AR1254~~	~~0.0042~~	0.0011	4
41	5.82	BB	84075	DCBP	0.0176	-------	0
			243639			0.0242	

LA 3.29.06

03/28/2006 08:28:45 Result: H:\TURBO6\5890-19\19B48004.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
14	1.93	VB	8721	AR1242-A	0.0951	0.0238	4
16	2.22	VV	21025	AR1242-B	0.1152	0.0288	4
19	2.51	VV	14376	AR1242-C	0.0445	0.0111	4
20	2.64	VV	7652	AR1242-D	0.0530	0.0133	4
			51774			0.0769	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
23	2.96	BV	7367	AR1248-A	0.0319	0.0080	4
24	3.05	VV	8405	AR1248-B	0.0419	0.0105	4
25	3.18	VV	3980	AR1248-C	0.0134	0.0033	4
28	3.41	VB	1437	AR1248-D	0.0071	0.0018	4
			21190			0.0236	

LA 3-28-06

Group Report For : AR1254

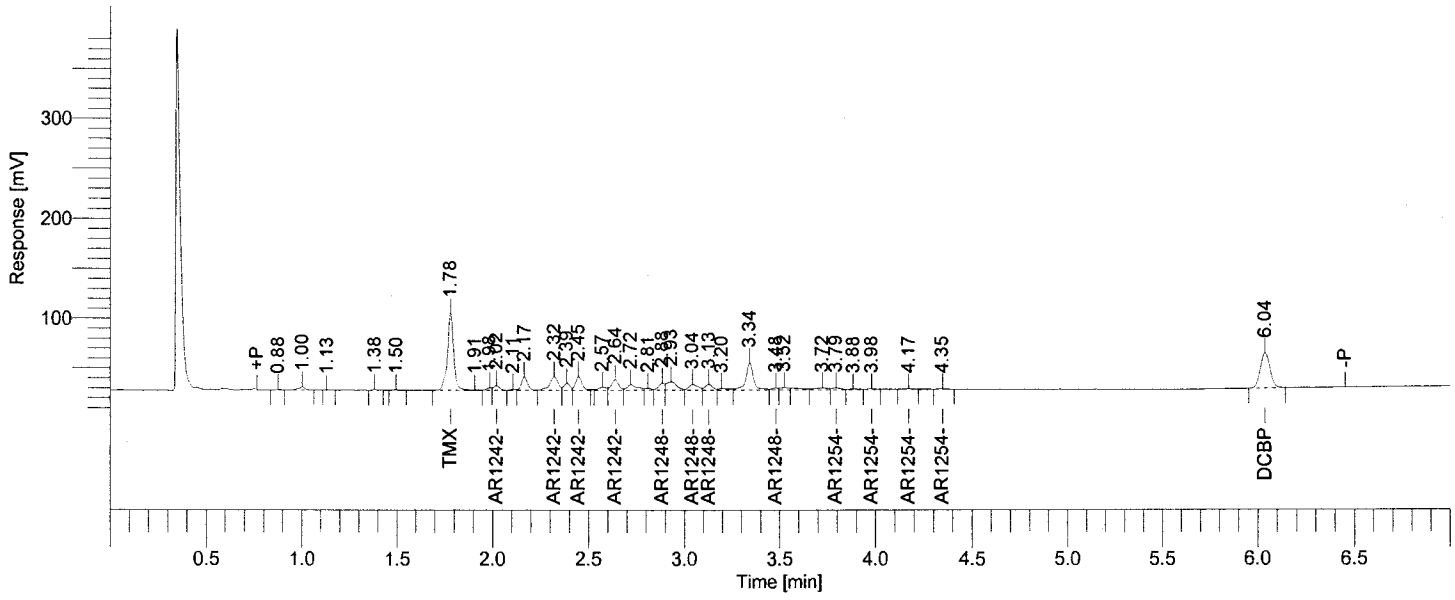
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
32	3.71	VV	3295	AR1254-A	0.0085	0.0021	4
33	3.84	VB	1363	AR1254-B	0.0029	7.2e-04	4
35	4.12	VV	1099	AR1254-C	0.0033	8.2e-04	4
36	4.23	VV	659	AR1254-D	0.0021	5.2e-04	4
			6415			0.0042	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
38	4.52	BB	383	AR1260-A	-0.0260	-7e-03	4
-	4.65		0	AR1260-B	0.0000	-------	-
-	5.33		0	AR1260-C	0.0000	-------	-
40	5.58	BB	179	AR1260-D	-6e-03	-2e-03	4
			562			-8e-03	

Software Version	: 6.2.1.0.104:0104	Date	: 03/28/2006 08:28:40
Reprocess Number	: buf2042: 98034		
Operator	: tchrom	Sample Name	: AW60016797
Sample Number	: A6314302	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/27/2006 14:26:22	Cycle	: 4

Raw Data File : H:\TURBO6\5890-19\19A48004.raw <Modified>
Result File : H:\TURBO6\5890-19\19A48004.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A48004.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A48004.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(03-14-06).mth from H:\TURBO6\5890-19\19A48004.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D48.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
6	1.78	BE	174204	TMX	0.0182	-------	0
	2.32		112769	AR1242	0.0881	0.0220	4
	2.88		57214	AR1248	0.0351	0.0088	4
	3.79		14846	AR1254	0.0056	0.0014	4
33	6.04	BB	121591	DCBP	0.0174	-------	0
			480624			0.0322	

LD 3/29/06

03/28/2006 08:28:40 Result: H:\TURBO6\5890-19\19A48004.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
9	2.02	VV	10440	AR1242-A	0.0612	0.0153	4
12	2.32	VV	42271	AR1242-B	0.1249	0.0312	4
14	2.45	VV	32235	AR1242-C	0.1564	0.0391	4
16	2.64	VV	27823	AR1242-D	0.0493	0.0123	4
			112769			0.0979	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
19	2.88	VV	15805	AR1248-A	0.0607	0.0152	4
21	3.04	VV	19865	AR1248-B	0.0468	0.0117	4
22	3.13	VV	16773	AR1248-C	0.0492	0.0123	4
25	3.48	VV	4770	AR1248-D	0.0079	0.0020	4
			57214			0.0411	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
28	3.79	VV	5671	AR1254-A	0.0106	0.0027	4
30	3.98	VV	3272	AR1254-B	0.0046	0.0011	4
31	4.17	VV	3849	AR1254-C	0.0051	0.0013	4
32	4.35	VB	2054	AR1254-D	0.0032	8.1e-04	4
			14846			0.0059	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.83		0	AR1260-A	0.0000	-------	-
-	5.05		0	AR1260-B	0.0000	-------	-
-	5.36		0	AR1260-C	0.0000	-------	-
-	5.49		0	AR1260-D	0.0000	-------	-
			0			0.0000	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MWMPI-02-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6314303

Sample wt/vol: 1048.00 (g/mL) ML Lab File ID: 19B48005.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 03/22/2006 03/24/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 03/26/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 03/27/2006

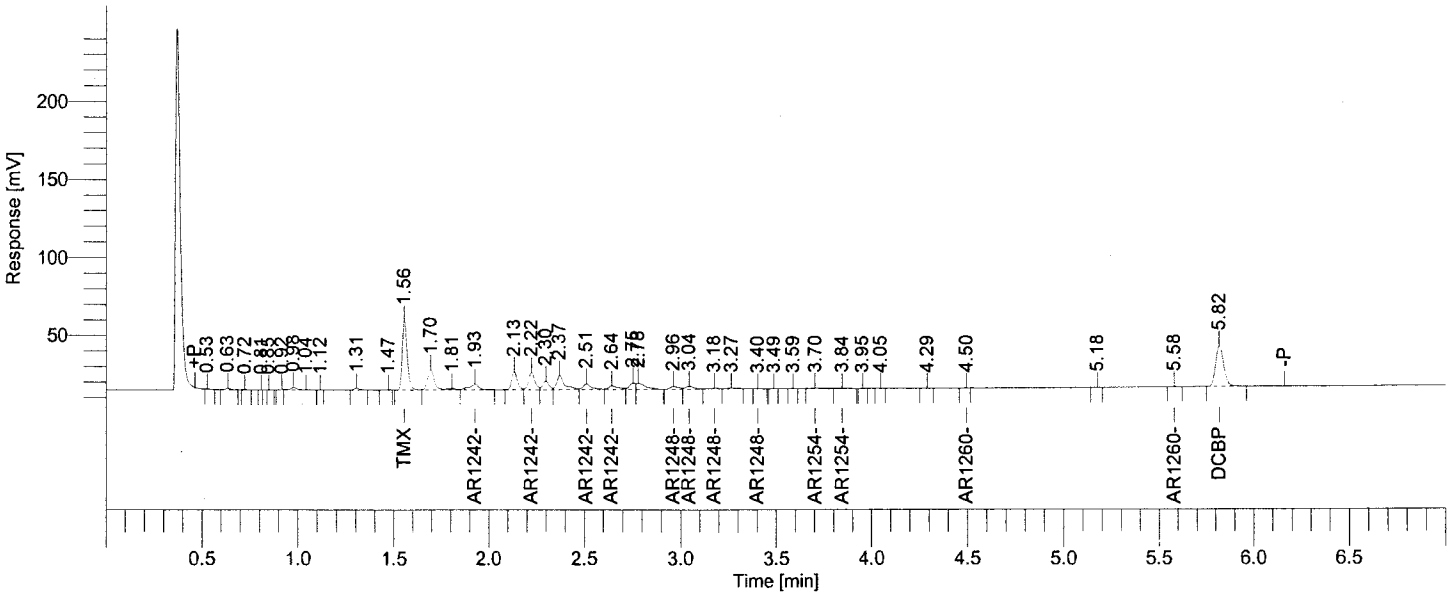
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.86	
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

Software Version	: 6.2.1.0.104:0104	Date	: 03/28/2006 08:28:53
Reprocess Number	: buf2042: 98037		
Operator	: tchrom	Sample Name	: AW60016798
Sample Number	: A6314303	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/27/2006 14:44:28	Cycle	: 5

Raw Data File : H:\TURBO6\5890-19\19B48005.raw <Modified>
Result File : H:\TURBO6\5890-19\19B48005.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B48005.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B48005.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(03-14-06).mth from H:\TURBO6\5890-19\19B48005.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D48.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
12	1.56	VV	79108	TMX	0.0163	-------	0
	2.22		56349	~~AR1242~~	~~0.0759~~	0.0190	4
	3.04		12181	~~AR1248~~	~~0.0131~~	0.0033	4
39	5.82	BB	74902	DCBP	0.0157	-------	0
			222540			0.0223	

LD 3.29.06

03/28/2006 08:28:53 Result: H:\TURBO6\5890-19\19B48005.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
15	1.93	VB	12415	AR1242-A	0.1353	0.0338	4
17	2.22	VV	25020	AR1242-B	0.1371	0.0343	4
20	2.51	VV	10800	AR1242-C	0.0334	0.0084	4
21	2.64	VV	8114	AR1242-D	0.0562	0.0141	4
			56349			0.0905	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
24	2.96	BV	5257	AR1248-A	0.0228	0.0057	4
25	3.04	VV	5388	AR1248-B	0.0269	0.0067	4
26	3.18	VV	1241	AR1248-C	0.0042	0.0010	4
28	3.40	BB	296	AR1248-D	0.0015	3.7e-04	4
			12181			0.0138	

LD 3.28.06

Group Report For : AR1254

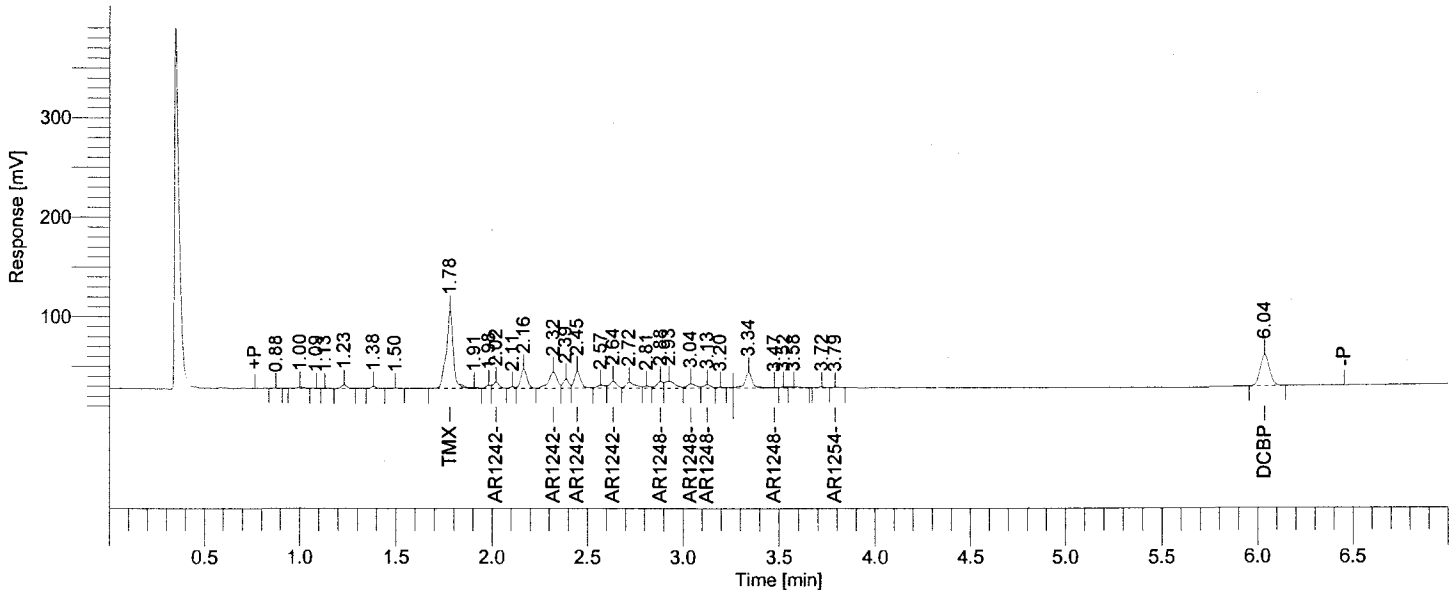
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
31	3.70	VV	1637	AR1254-A	0.0042	0.0011	4
32	3.84	VB	709	AR1254-B	0.0015	3.8e-04	4
-	4.12		0	AR1254-C	0.0000	-------	-
-	4.23		0	AR1254-D	0.0000	-------	-
			2346			0.0014	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
36	4.50	BB	74	AR1260-A	-0.0277	-7e-03	4
-	4.65		0	AR1260-B	0.0000	-------	-
-	5.33		0	AR1260-C	0.0000	-------	-
38	5.58	BB	205	AR1260-D	-5e-03	-1e-03	4
			279			-8e-03	

Software Version	: 6.2.1.0.104:0104	Date	: 03/28/2006 08:28:49
Reprocess Number	: buf2042: 98036		
Operator	: tchrom	Sample Name	: AW60016798
Sample Number	: A6314303	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/27/2006 14:44:28	Cycle	: 5

Raw Data File : H:\TURBO6\5890-19\19A48005.raw <Modified>
Result File : H:\TURBO6\5890-19\19A48005.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A48005.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A48005.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(03-14-06).mth from H:\TURBO6\5890-19\19A48005.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D48.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
8	1.78	BE	197723	TMX	0.0206	-------	0
	2.45		124233	AR1242	0.0971	0.0243	4
	2.88		44234	AR1248	0.0271	0.0068	4
32	6.04	BB	108454	DCBP	0.0155	-------	0
			474645			0.0311	

LD 3.28.06

03/28/2006 08:28:49 Result: H:\TURBO6\5890-19\19A48005.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
11	2.02	VV	14384	AR1242-A	0.0843	0.0211	4
14	2.32	VV	50258	AR1242-B	0.1485	0.0371	4
16	2.45	VV	40949	AR1242-C	0.1987	0.0497	4
18	2.64	VV	18642	AR1242-D	0.0330	0.0083	4
			124233			0.1161	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
21	2.88	VV	15872	AR1248-A	0.0609	0.0152	4
23	3.04	VV	14959	AR1248-B	0.0352	0.0088	4
24	3.13	VV	9755	AR1248-C	0.0286	0.0072	4
27	3.47	EV	3649	AR1248-D	0.0060	0.0015	4
			44234			0.0327	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
31	3.79	VB	1308	AR1254-A	0.0024	6.1e-04	4
-	3.98		0	AR1254-B	0.0000	-------	-
-	4.18		0	AR1254-C	0.0000	-------	-
-	4.35		0	AR1254-D	0.0000	-------	-
			1308			6.1e-04	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.83		0	AR1260-A	0.0000	-------	-
-	5.05		0	AR1260-B	0.0000	-------	-
-	5.36		0	AR1260-C	0.0000	-------	-
-	5.49		0	AR1260-D	0.0000	-------	-
			0			0.0000	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MWMPI-04-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6314304

Sample wt/vol: 1048.00 (g/mL) ML Lab File ID: 19B48006.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 03/22/2006 03/24/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 03/26/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 03/27/2006

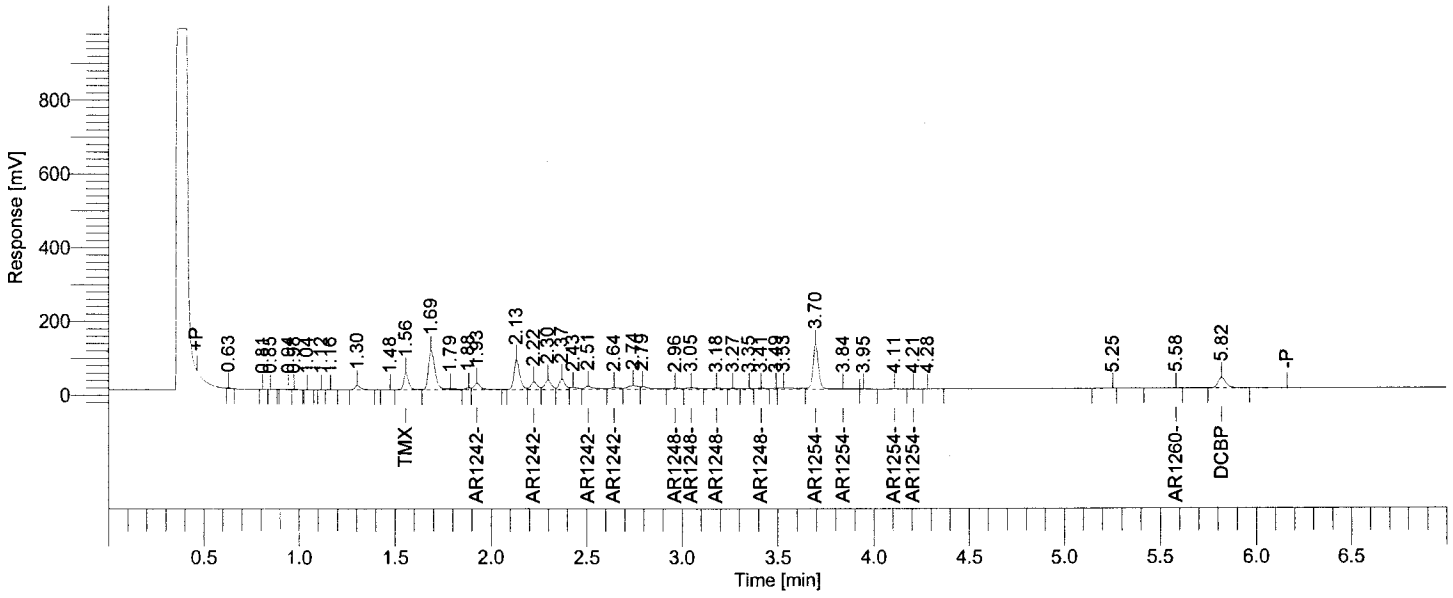
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	2.3	
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

Software Version	: 6.2.1.0.104:0104	Date	: 03/28/2006 08:29:00
Reprocess Number	: buf2042: 98039		
Operator	: tchrom	Sample Name	: AW60016799
Sample Number	: A6314304	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/27/2006 15:02:39	Cycle	: 6

Raw Data File : H:\TURBO6\5890-19\19B48006.raw <Modified>
Result File : H:\TURBO6\5890-19\19B48006.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B48006.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B48006.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(03-14-06).mth from H:\TURBO6\5890-19\19B48006.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D48.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
11	1.56	VV	80107	TMX	0.0165	-------	0
	2.22		144614	AR1242	0.1949	0.0487	4
	3.05		77206	AR1248	0.0830	0.0207	4
	3.70		251722	AR1254	0.1667	0.0417	4
41	5.82	BB	78416	DCBP	0.0164	-------	0
			632066			0.1112	

LD 3.25 ng

03/28/2006 08:29:00 Result: H:\TURBO6\5890-19\19B48006.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
15	1.93	VV	42620	AR1242-A	0.4646	0.1162	4
17	2.22	VV	47962	AR1242-B	0.2628	0.0657	4
21	2.51	VV	34505	AR1242-C	0.1067	0.0267	4
22	2.64	VV	19527	AR1242-D	0.1353	0.0338	4
			144614			0.2423	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
25	2.96	VV	16066	AR1248-A	0.0697	0.0174	4
26	3.05	VV	22449	AR1248-B	0.1120	0.0280	4
27	3.18	VV	23668	AR1248-C	0.0796	0.0199	4
30	3.41	VV	15022	AR1248-D	0.0745	0.0186	4
			77206			0.0839	

LD 3.29.06

Group Report For : AR1254

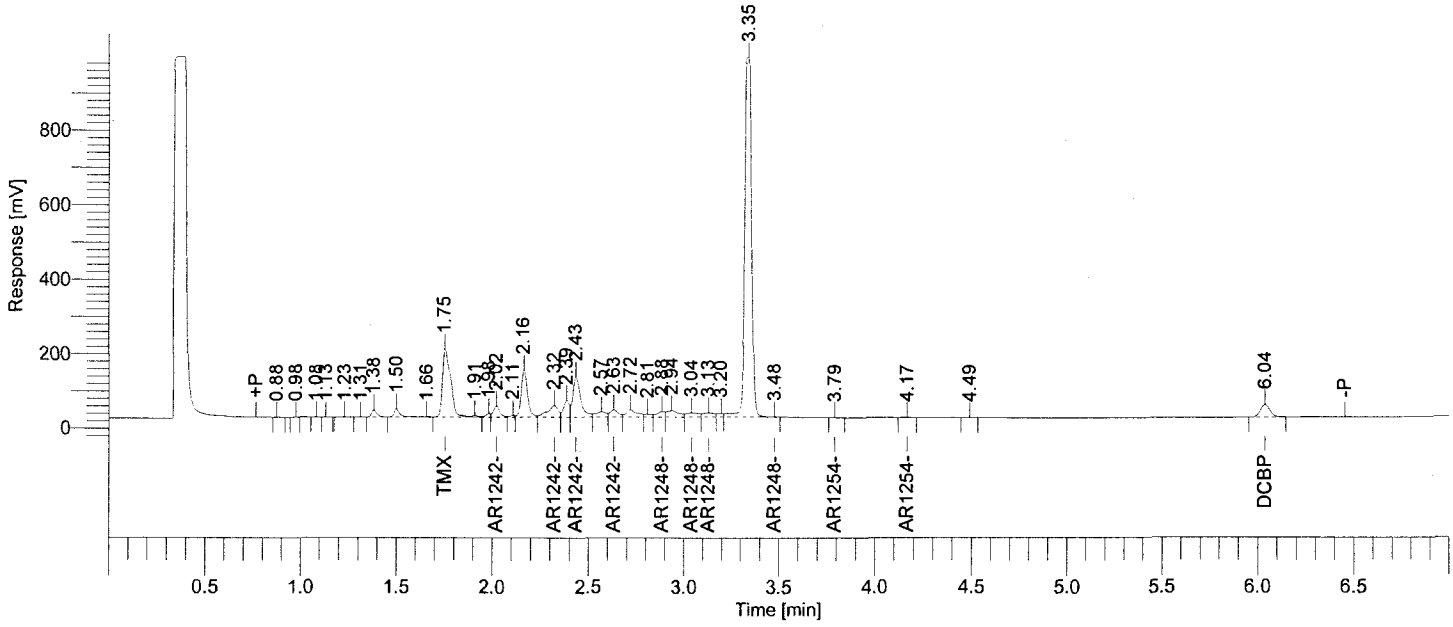
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
33	3.70	VE	241109	AR1254-A	0.6248	0.1562	4
34	3.84	EV	6388	AR1254-B	0.0136	0.0034	4
36	4.11	VV	3118	AR1254-C	0.0093	0.0023	4
37	4.21	VV	1107	AR1254-D	0.0035	8.7e-04	4
			251722			0.1628	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.52		0	AR1260-A	0.0000	-------	-
-	4.65		0	AR1260-B	0.0000	-------	-
-	5.33		0	AR1260-C	0.0000	-------	-
40	5.58	BB	411	AR1260-D	7.2e-05	1.8e-05	4
			411			1.8e-05	

Software Version	: 6.2.1.0.104:0104	Date	: 03/28/2006 08:28:56
Reprocess Number	: buf2042: 98038		
Operator	: tchrom	Sample Name	: AW60016799
Sample Number	: A6314304	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/27/2006 15:02:39	Cycle	: 6

Raw Data File : H:\TURBO6\5890-19\19A48006.raw <Modified>
Result File : H:\TURBO6\5890-19\19A48006.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A48006.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A48006.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(03-14-06).mth from H:\TURBO6\5890-19\19A48006.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D48.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
10	1.75	VE	523656	TMX	0.0546	-------	0
	2.43		557277	AR1242	0.4355	0.1089	4
	2.88		150562	AR1248	0.0924	0.0231	4
33	6.04	BB	115171	DCBP	0.0164	-------	0
			1346667			0.1320	

LD
3.29.06

03/28/2006 08:28:56 Result: H:\TURBO6\5890-19\19A48006.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
13	2.02	VV	68777	AR1242-A	0.4029	0.1007	4
16	2.32	VV	123063	AR1242-B	0.3635	0.0909	4
18	2.43	VV	307071	AR1242-C	1.4896	0.3724	4
20	2.63	VV	58366	AR1242-D	0.1034	0.0259	4
			557277			0.5899	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
23	2.88	VV	43680	AR1248-A	0.1677	0.0419	4
25	3.04	VV	53605	AR1248-B	0.1262	0.0315	4
26	3.13	VV	48164	AR1248-C	0.1413	0.0353	4
29	3.48	EB	5113	AR1248-D	0.0085	0.0021	4
			150562			0.1109	

LA 3.29.06

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
30	3.79	BB	1578	AR1254-A	0.0030	7.4e-04	4
-	3.98		0	AR1254-B	0.0000	-------	-
31	4.17	BB	1271	AR1254-C	0.0017	4.2e-04	4
-	4.35		0	AR1254-D	0.0000	-------	-
			2850			0.0012	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.83		0	AR1260-A	0.0000	-------	-
-	5.05		0	AR1260-B	0.0000	-------	-
-	5.36		0	AR1260-C	0.0000	-------	-
-	5.49		0	AR1260-D	0.0000	-------	-
			0			0.0000	

Standards

PCB INITIAL CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 A Date(s) Analyzed:

Column: ZB-35 3/14/2006 to 3/14/2006

	LEVEL (ng/ul) Area											
COMPOUND	0.025	0.05	0.1	0.25	0.5	1.0	2.5	Curve	R Squared	m_1	m_2	b
AR1016	61334	124071	227575	473309	855592	1456109	3105699	2nd	0.999187	1582512	-146079	58245
AR1260	44280	105155	168265	376243	700374	1199210	2620590	2nd	0.999291	1296307	-106213	40369
COMPOUND	0.005	0.01	0.02	0.03	0.04	0.05			Ave Cal Factor	%RSD		
TMX	54761	106329	188587	273018	348793	436681		Ave	9594746	10.10%		
DCBP	44012	80400	136439	194197	241610	292039		Ave	7003108	16.78%		

Name	Level	File ID:
ICM66NE	0.025	H:\TURBO6\5890-19\19A47027.raw
ICM66NG	0.05	H:\TURBO6\5890-19\19A47026.raw
ICM66NF	0.10	H:\TURBO6\5890-19\19A47025.raw
ICM66NE	0.25	H:\TURBO6\5890-19\19A47024.raw
ICM66NB	0.5	H:\TURBO6\5890-19\19A47023.raw
ICM66ND	1.0	H:\TURBO6\5890-19\19A47022.raw
ICM66NC	2.5	H:\TURBO6\5890-19\19A47021.raw

Curve	Formula
1st Order	Area = Amt*m1 + b
2nd Order	Area = m1*Amt + m2((Amt)^2) + b

MAR 30 2006

FORM VIA PCB

CONFIRMATION COLUMN

TotalChrom Method File H:\TURBO6\5890-19\SA66(03-14-06).mth

Printed by	: RudzG	on:	3/22/2006 1:22:38 PM
Created by	: DelongG	on:	3/15/2006 1:35:57 PM
Edited by	: RudzG	on:	3/22/2006 1:22:33 PM
Number of Times Edited	: 6		
Number of Times Calibrated	: 336		

Description: NEW 7 PT. 1016/1260 CURVE FOR INST #19 3/14/06

Global Sample Information

Default Sample Volume	: 1.000 uL
Quantitation Units	: ng
Void Time	: 0.000 min
Correct amounts during calibration	: Yes
Convert unknowns to concentration units	: Yes
Reject outliers during calibration	: No

Processed by: MAR 22 2006

Reviewed by: 3/23/06

An External Standard calibration will be used
Unknown peaks will be quantitated using a response factor of 1.000000e+06
First peak will be relative retention reference

Component Information

TMX

Component Type : Single Peak Component
Retention Time : 1.779 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
Component standard purity percentage : 100.0000%

User Values

Label	:
Value 1	: 0.030000
Value 2	: 0.000000
Value 3	: 0.000000
Value 4	: 0.000000
Value 5	: 0.020000
Value 6	: -1.000000
Value 7	: 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	54760.77	27542.92	----------	----------	1
B	0.0100	106329.21	53701.95	----------	----------	1
C	0.0200	188587.19	94476.23	----------	----------	1
D	0.0300	273017.52	134955.22	----------	----------	1
E	0.0400	348793.37	169843.47	----------	----------	1
F	0.0500	436681.22	203242.48	----------	----------	1

Average Calibration Factor = 9.594746e+06 (%RSD = 10.10)

AR1016-A

Component Type : Single Peak Component
Retention Time : 2.314 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin

Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	31755.18	10837.50	----------	----------	1
b	0.1000	58053.33	19362.24	----------	----------	1
c	0.2500	120114.88	40613.98	----------	----------	1
d	0.5000	210064.42	73794.33	----------	----------	1
e	1.0000	354065.38	124052.79	----------	----------	1
f	2.5000	742749.50	259299.50	----------	----------	1
H	0.0250	15674.08	5829.74	----------	----------	1

Calibration Curve : y = (16346.664273) + (386404.630200)x + (-38517.003340)x^2 + (0.000000)x^3
R-squared : 0.998933

AR1016-B
Component Type : Single Peak Component
Retention Time : 2.447 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	17575.02	7789.93	----------	----------	1
b	0.1000	32394.61	14178.57	----------	----------	1
c	0.2500	70131.62	30416.64	----------	----------	1
d	0.5000	130157.77	56358.04	----------	----------	1
e	1.0000	222765.14	95588.37	----------	----------	1
f	2.5000	475003.77	202326.56	----------	----------	1
H	0.0250	9108.31	4092.81	----------	----------	1

3/22/2006 1:22:38 PM Method: H:\TURBO6\5890-19\SA66(03-14-06).mth

Calibration Curve : y = (7256.871841) + (243836.990159)x + (-22788.950081)x^2 + (0.000000)x^3
R-squared : 0.999350

AR1016
Component Type : Named Group
Group Members
AR1016-A
AR1016-B
AR1016-C
AR1016-D
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.600000
Value 4 : 0.000000
Value 5 : 0.250000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	124071.18	47407.45	----------	----------	1
b	0.1000	227575.10	86250.88	----------	----------	1
c	0.2500	473308.74	182107.88	----------	----------	1
d	0.5000	855592.45	334908.15	----------	----------	1
e	1.0000	1456108.59	570268.77	----------	----------	1
f	2.5000	3105698.74	1.21e+06	----------	----------	1
H	0.0250	61333.67	24964.53	----------	----------	1

Calibration Curve : y = (58245.158703) + (1582511.513972)x + (-146079.178910)x^2 + (0.000000)x^3
R-squared : 0.999187

AR1016-C
Component Type : Single Peak Component
Retention Time : 2.633 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

3/22/2006 1:22:38 PM Method: H:\TURBO6\5890-19\SA66(03-14-06).mth

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	48330.49	18886.71	----------	----------	1
b	0.1000	88855.12	34633.80	----------	----------	1
c	0.2500	191710.92	73891.84	----------	----------	1
d	0.5000	356501.28	137382.19	----------	----------	1
e	1.0000	613243.95	235874.69	----------	----------	1
f	2.5000	1325301.98	508862.50	----------	----------	1
H	0.0250	25470.68	10107.86	----------	----------	1

Calibration Curve : y = (20133.804933) + (665626.477096)x + (-57674.366619)x^2 + (0.000000)x^3
R-squared : 0.999401

AR1016-D
Component Type : Single Peak Component
Retention Time : 2.711 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	26410.49	9893.32	----------	----------	1
b	0.1000	48272.04	18076.28	----------	----------	1
c	0.2500	91351.33	37185.42	----------	----------	1
d	0.5000	158868.98	67373.60	----------	----------	1
e	1.0000	266034.12	114752.92	----------	----------	1
f	2.5000	562643.49	243787.79	----------	----------	1
h	0.0250	11080.60	4934.11	----------	----------	1

Calibration Curve : y = (14507.817656) + (286643.416517)x + (-27098.858871)x^2 + (0.000000)x^3
R-squared : 0.998612

AR1260
Component Type : Named Group
Group Members
AR1260-A
AR1260-B
AR1260-C
AR1260-D
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1

3/22/2006 1:22:38 PM Method: H:\TURBO6\5890-19\SA66(03-14-06).mth

Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.600000
Value 4 : 0.000000
Value 5 : 0.250000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	105155.11	33044.29	----------	----------	1
b	0.1000	168265.15	57584.87	----------	----------	1
c	0.2500	376242.67	124601.24	----------	----------	1
d	0.5000	700373.87	233190.48	----------	----------	1
e	1.0000	1199209.54	399336.70	----------	----------	1
f	2.5000	2620589.73	877068.10	----------	----------	1
H	0.0250	44280.43	15978.72	----------	----------	1

Calibration Curve : y = (40369.676976) + (1296307.289804)x + (-106213.149528)x^2 + (0.000000)x^3
R-squared : 0.999291

AR1260-A
Component Type : Single Peak Component
Retention Time : 4.831 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find largest peak in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	56180.37	16863.24	----------	----------	1
b	0.1000	92418.65	29737.76	----------	----------	1
c	0.2500	204192.10	63498.96	----------	----------	1
d	0.5000	381376.32	118900.51	----------	----------	1
e	1.0000	651312.69	203538.64	----------	----------	1
f	2.5000	1426971.86	450872.06	----------	----------	1
H	0.0250	24614.50	8578.57	----------	----------	1

Calibration Curve : y = (22198.728648) + (703470.453271)x + (-56916.938618)x^2 + (0.000000)x^3
R-squared : 0.999271

AR1260-B
Component Type : Single Peak Component
Retention Time : 5.049 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	25691.54	9222.94	----------	----------	1
b	0.1000	43386.40	16288.37	----------	----------	1
c	0.2500	97158.57	35442.15	----------	----------	1
d	0.5000	182146.05	66373.97	----------	----------	1
e	1.0000	311394.30	113592.84	----------	----------	1
f	2.5000	678702.36	248547.42	----------	----------	1
H	0.0250	11316.13	4394.28	----------	----------	1

Calibration Curve : y = (9688.491385) + (338495.607281)x + (-28494.962551)x^2 + (0.000000)x^3
R-squared : 0.999285

AR1260-C
Component Type : Single Peak Component
Retention Time : 5.361 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

3/22/2006 1:22:38 PM Method: H:\TURBO6\5890-19\SA66(03-14-06).mth

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	9687.65	2454.01	----------	----------	1
b	0.1000	11266.96	3871.36	----------	----------	1
c	0.2500	28084.34	8942.46	----------	----------	1
d	0.5000	49819.67	16781.52	----------	----------	1
e	1.0000	87178.26	29001.90	----------	----------	1
f	2.5000	189990.92	62782.92	----------	----------	1
H	0.0250	2756.64	997.16	----------	----------	1

Calibration Curve : y = (3245.627241) + (93172.088569)x + (-7421.360884)x^2 + (0.000000)x^3
R-squared : 0.999122

AR1260-D
Component Type : Single Peak Component
Retention Time : 5.490 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	13595.56	4504.10	----------	----------	1
b	0.1000	21193.14	7687.39	----------	----------	1
c	0.2500	46807.67	16717.67	----------	----------	1
d	0.5000	87031.84	31134.47	----------	----------	1
e	1.0000	149324.29	53203.32	----------	----------	1
f	2.5000	324924.58	114865.70	----------	----------	1
h	0.0250	5593.17	2008.71	----------	----------	1

Calibration Curve : y = (5236.829702) + (161169.140683)x + (-13379.887475)x^2 + (0.000000)x^3
R-squared : 0.999327

DCBP
Component Type : Single Peak Component
Retention Time : 6.037 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
Component standard purity percentage : 100.0000%

3/22/2006 1:22:38 PM Method: H:\TURBO6\5890-19\SA66(03-14-06).mth

User Values
Label :
Value 1 : 0.030000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.020000
Value 6 : 0.005000
Value 7 : 1.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	44012.12	12656.77	----------	----------	1
B	0.0100	80399.83	23684.53	----------	----------	1
C	0.0200	136439.46	39917.41	----------	----------	1
D	0.0300	194196.90	56168.36	----------	----------	1
E	0.0400	241610.28	69757.29	----------	----------	1
F	0.0500	292038.94	84349.06	----------	----------	1

Average Calibration Factor = 7.003108e+06 (%RSD = 16.78)

6B

CONFIRMATION COLUMN

PCB INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 A Date(s) Analyzed:

Column: ZB-35 3/14/2006 to 3/14/2006

	LEVEL					INITIAL	WINDOW
COMPOUND	A	C	E	AVE RT	WINDOW (+/-)	From	To
TMX	1.78	1.78	1.78	1.78	0.08	1.70	1.86
AR1016-A	2.31	2.31	2.31	2.31	0.08	2.23	2.39
AR1016-B	2.45	2.45	2.45	2.45	0.08	2.37	2.53
AR1016-C	2.63	2.63	2.63	2.63	0.08	2.55	2.71
AR1016-D	2.71	2.71	2.71	2.71	0.08	2.63	2.79
AR1260-A	4.83	4.83	4.83	4.83	0.08	4.75	4.91
AR1260-B	5.05	5.05	5.05	5.05	0.08	4.97	5.13
AR1260-C	5.36	5.36	5.36	5.36	0.08	5.28	5.44
AR1260-D	5.49	5.49	5.49	5.49	0.08	5.41	5.57

MAR 30 2006

6B

PCB INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

CONFIRMATION COLUMN

Lab Name: STL Buffalo

Instrument: HP5890-19 A Date(s) Analyzed:

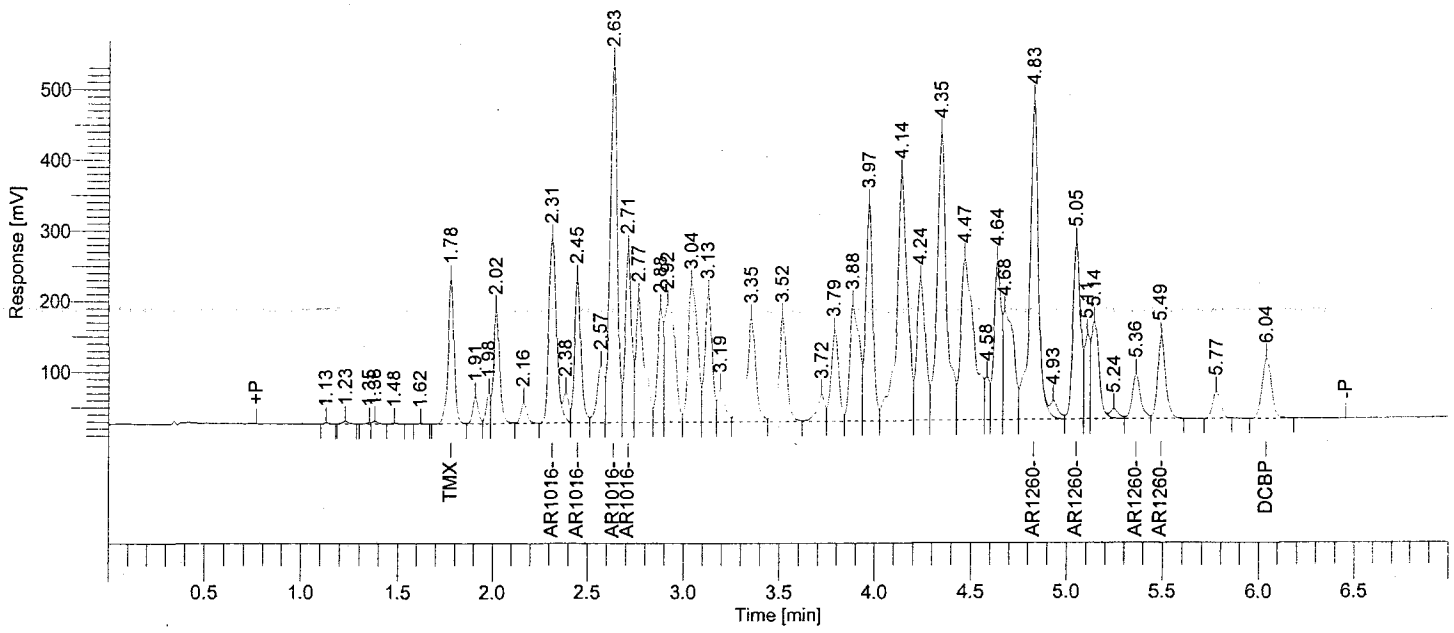
Column: ZB-35 3/14/2006 to 3/14/2006

			INITIAL	WINDOW
COMPOUND	Retention Time	WINDOW (+/-)	From	To
AR1221-A	1.38	0.08	1.30	1.46
AR1221-B	1.62	0.08	1.54	1.70
AR1221-C	1.91	0.08	1.83	1.99
AR1221-D	2.02	0.08	1.94	2.10
AR1232-A	1.75	0.08	1.67	1.83
AR1232-B	1.91	0.08	1.83	1.99
AR1232-C	2.02	0.08	1.94	2.10
AR1232-D	2.31	0.08	2.23	2.39
AR1242-A	2.02	0.08	1.94	2.10
AR1242-B	2.31	0.08	2.23	2.39
AR1242-C	2.45	0.08	2.37	2.53
AR1242-D	2.63	0.08	2.55	2.71
AR1248-A	2.88	0.08	2.80	2.96
AR1248-B	3.04	0.08	2.96	3.12
AR1248-C	3.13	0.08	3.05	3.21
AR1248-D	3.48	0.08	3.40	3.56
AR1254-A	3.79	0.08	3.71	3.87
AR1254-B	3.98	0.08	3.90	4.06
AR1254-C	4.18	0.08	4.10	4.26
AR1254-D	4.35	0.08	4.27	4.43

MAR 30 2006

Software Version	: 6.2.1.0.104:0104	Date	: 3/22/2006 1:13:07 PM
Reprocess Number	: buf2048: 38021		
Operator	: tchrom	Sample Name	: ICM66NC
Sample Number	: 2.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/14/2006 5:17:22 PM	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19A47021.raw <Modified>
Result File : H:\TURBO6\5890-19\19A47021.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A47021.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A47021.rst
Calib Method : h:\turbo6\5890-19\sa66(03-14-06).mth from H:\TURBO6\5890-19\19A47021.rst
Report Format File: H:\TURBO6\5890-19\SSAMP4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq
Sample Notes:
19 INSTRUMENT FILE for 8082 pcb



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
7	1.78	BV	436681	TMX	0.0500	-------	0
	2.63		3105699	AR1016	2.5000	0.6250	4
	4.83		2620590	AR1260	2.5000	0.6250	4
46	6.04	BB	292039	DCBP	0.0500	-------	0
			6455009			1.2500	

MAR 22 2006

3/22/2006 1:13:07 PM Result: H:\TURBO6\5890-19\19A47021.rst

Group Report For : AR1016

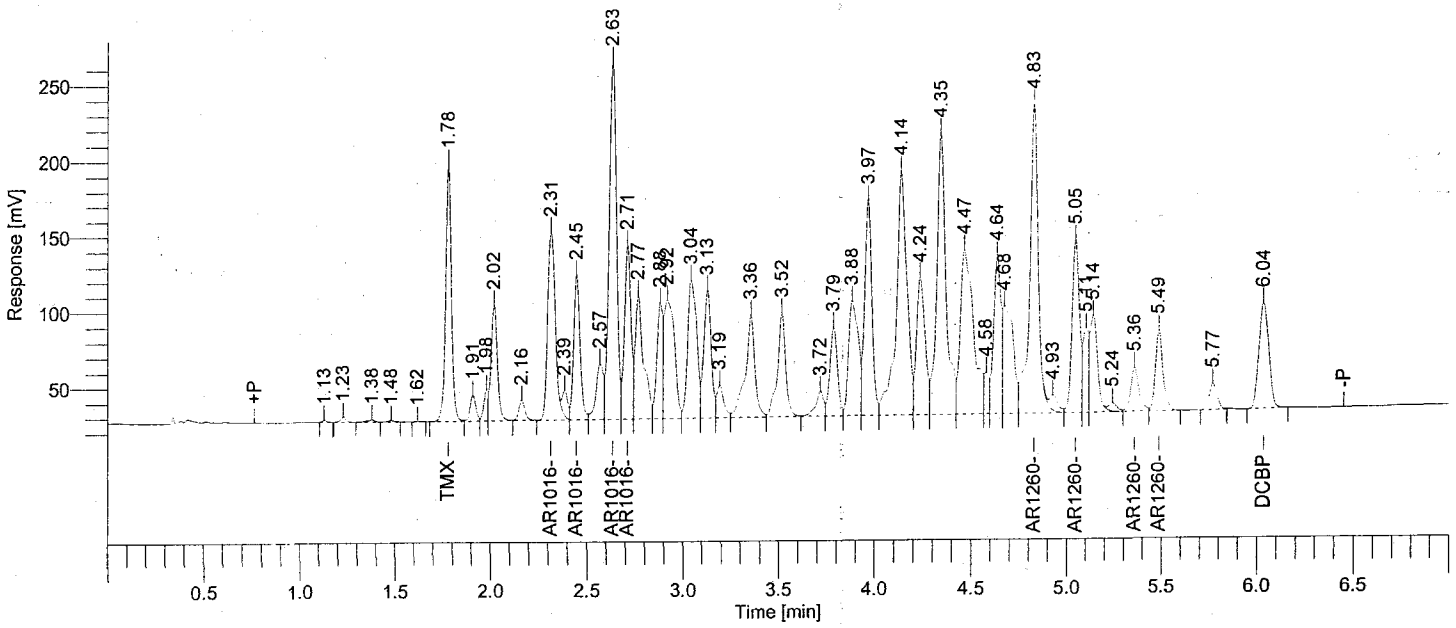
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
12	2.31	VE	742749	AR1016-A	2.5000	0.6250	4
14	2.45	VV	475004	AR1016-B	2.5000	0.6250	4
16	2.63	VV	1325302	AR1016-C	2.5000	0.6250	4
17	2.71	VV	562643	AR1016-D	2.5000	0.6250	4
			3105699			2.5000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
37	4.83	VE	1426972	AR1260-A	2.5000	0.6250	4
39	5.05	VV	678702	AR1260-B	2.5000	0.6250	4
43	5.36	VV	189991	AR1260-C	2.5000	0.6250	4
44	5.49	VB	324925	AR1260-D	2.5000	0.6250	4
			2620590			2.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 3/22/2006 1:13:10 PM
Reprocess Number	: buf2048: 38022		
Operator	: tchrom	Sample Name	: ICM66ND
Sample Number	: 1.0NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/14/2006 5:35:30 PM	Cycle	: 2

Raw Data File : H:\TURBO6\5890-19\19A47022.raw <Modified>
Result File : H:\TURBO6\5890-19\19A47022.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A47022.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A47022.rst
Calib Method : h:\turbo6\5890-19\sa66(03-14-06).mth from H:\TURBO6\5890-19\19A47022.rst
Report Format File: H:\TURBO6\5890-19\SSAMP4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq
Sample Notes:
19 INSTRUMENT FILE for 8082 pcb



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
6	1.78	BV	348793	TMX	0.0400	-------	0
	2.63		1456109	AR1016	1.0000	0.2500	4
	4.83		1199210	AR1260	1.0000	0.2500	4
45	6.04	BB	241610	DCBP	0.0400	-------	0
			3245722			0.5000	

MAR 22 2006

3/22/2006 1:13:10 PM Result: H:\TURBO6\5890-19\19A47022.rst

Group Report For : AR1016

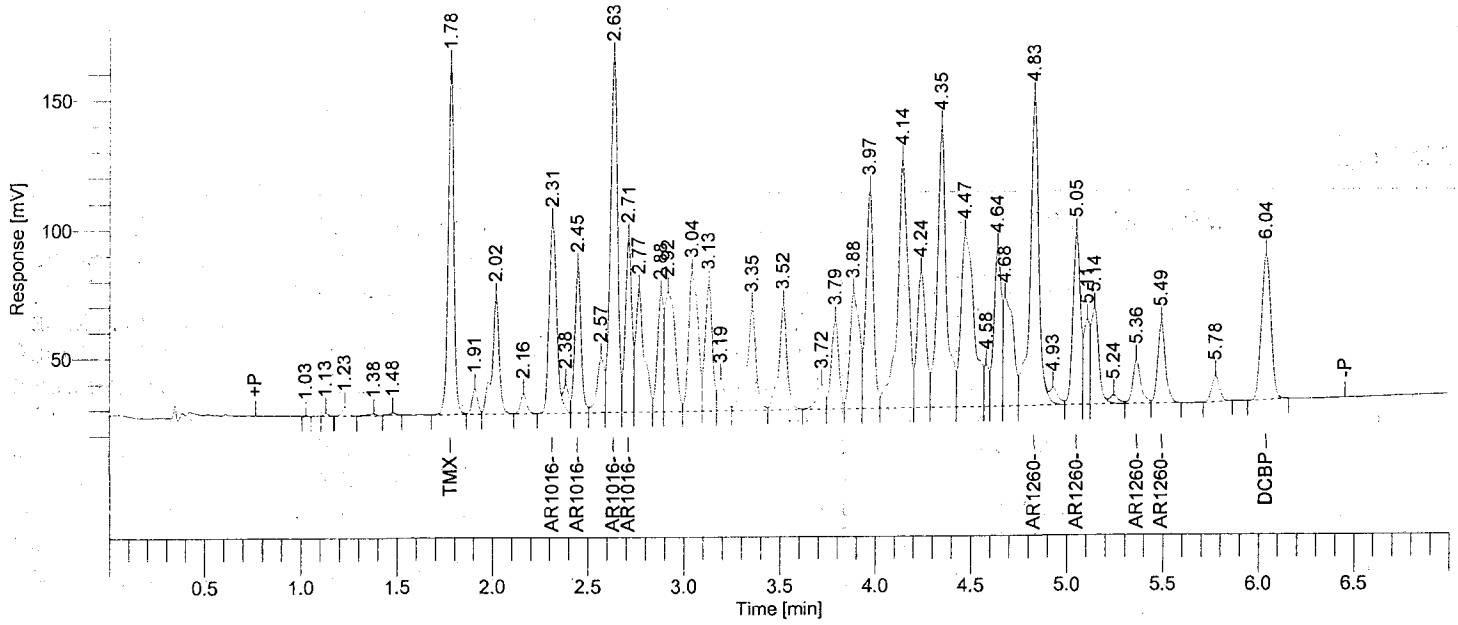
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
11	2.31	VE	354065	AR1016-A	1.0000	0.2500	4
13	2.45	VV	222765	AR1016-B	1.0000	0.2500	4
15	2.63	VV	613244	AR1016-C	1.0000	0.2500	4
16	2.71	VV	266034	AR1016-D	1.0000	0.2500	4
			1456109			1.0000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
36	4.83	VE	651313	AR1260-A	1.0000	0.2500	4
38	5.05	VV	311394	AR1260-B	1.0000	0.2500	4
42	5.36	VV	87178	AR1260-C	1.0000	0.2500	4
43	5.49	VB	149324	AR1260-D	1.0000	0.2500	4
			1199210			1.0000	

Software Version	: 6.2.1.0.104:0104	Date	: 3/22/2006 1:13:12 PM
Reprocess Number	: buf2048: 38023		
Operator	: tchrom	Sample Name	: ICM66NB
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/14/2006 5:53:25 PM	Cycle	: 3

Raw Data File : H:\TURBO6\5890-19\19A47023.raw <Modified>
Result File : H:\TURBO6\5890-19\19A47023.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A47023.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A47023.rst
Calib Method : h:\turbo6\5890-19\sa66(03-14-06).mth from H:\TURBO6\5890-19\19A47023.rst
Report Format File: H:\TURBO6\5890-19\SSAMP4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq
Sample Notes:
19 INSTRUMENT FILE for 8082 pcb



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
6	1.78	BV	273018	TMX	0.0300	-------	0
	2.63		855592	AR1016	0.5000	0.1250	4
	4.83		700374	AR1260	0.5000	0.1250	4
44	6.04	BB	194197	DCBP	0.0300	-------	0
			2023181			0.2500	

MAR 22 2006

3/22/2006 1:13:12 PM Result: H:\TURBO6\5890-19\19A47023.rst

Group Report For : AR1016

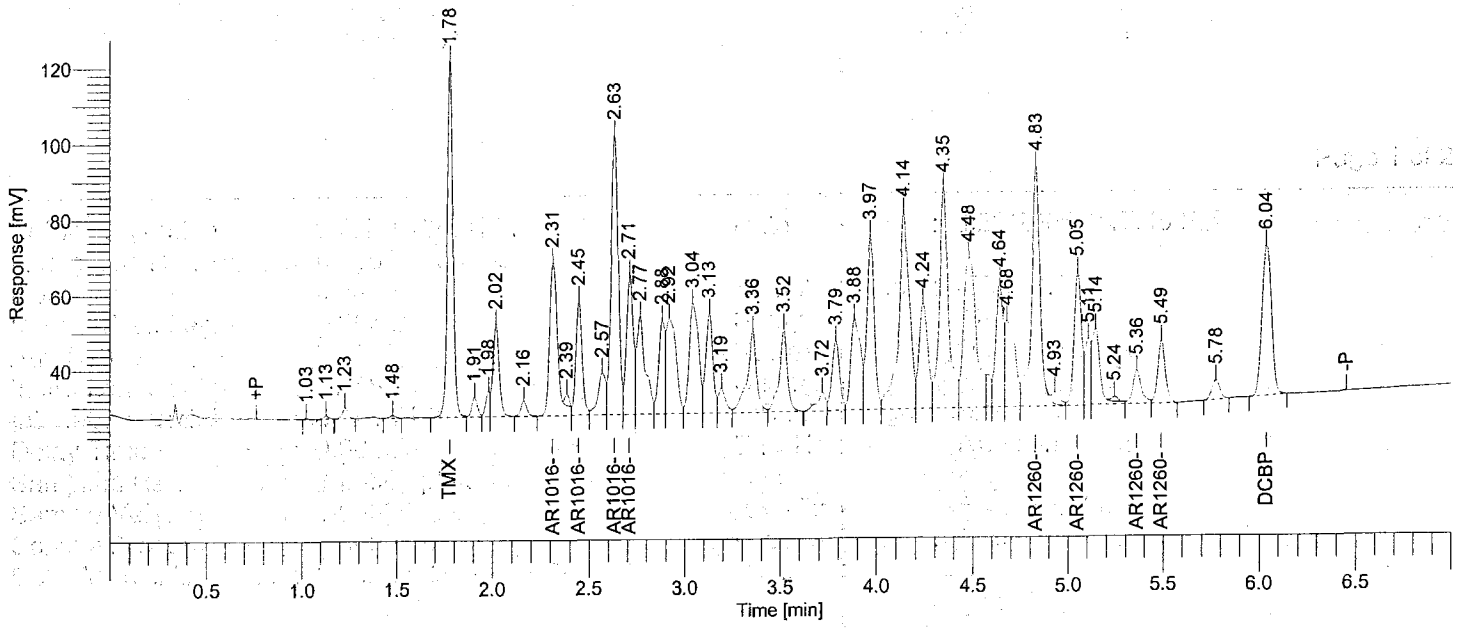
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
10	2.31	VE	210064	AR1016-A	0.5000	0.1250	4
12	2.45	VV	130158	AR1016-B	0.5000	0.1250	4
14	2.63	VV	356501	AR1016-C	0.5000	0.1250	4
15	2.71	VV	158869	AR1016-D	0.0500	0.0125	4
			855592			0.3875	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
35	4.83	VE	381376	AR1260-A	0.5000	0.1250	4
37	5.05	VV	182146	AR1260-B	0.5000	0.1250	4
41	5.36	VV	49820	AR1260-C	0.5000	0.1250	4
42	5.49	VB	87032	AR1260-D	0.0500	0.0125	4
			700374			0.3875	

Software Version	: 6.2.1.0.104:0104	Date	: 3/22/2006 1:17:49 PM
Reprocess Number	: buf2048: 38029		
Operator	: tchrom	Sample Name	: ICM66NE
Sample Number	: 0.25NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/14/2006 6:11:22 PM	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19A47024.raw <Modified>
Result File : H:\TURBO6\5890-19\19A47024.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A47024.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A47024.rst
Calib Method : h:\turbo6\5890-19\sa66(03-14-06).mth from H:\TURBO6\5890-19\19A47024.rst
Report Format File: H:\TURBO6\5890-19\SSAMP4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq
Sample Notes:
19 INSTRUMENT FILE for 8082 pcb



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
5	1.78	BV	188587	TMX	0.0200	-------	0
	2.63		473309	AR1016	0.2500	0.0625	4
	4.83		376243	AR1260	0.2500	0.0625	4
43	6.04	BB	136439	DCBP	0.0200	-------	0
			1174578			0.1250	

MAR 22 2006

3/22/2006 1:17:49 PM Result: H:\TURBO6\5890-19\19A47024.rst

Group Report For : AR1016

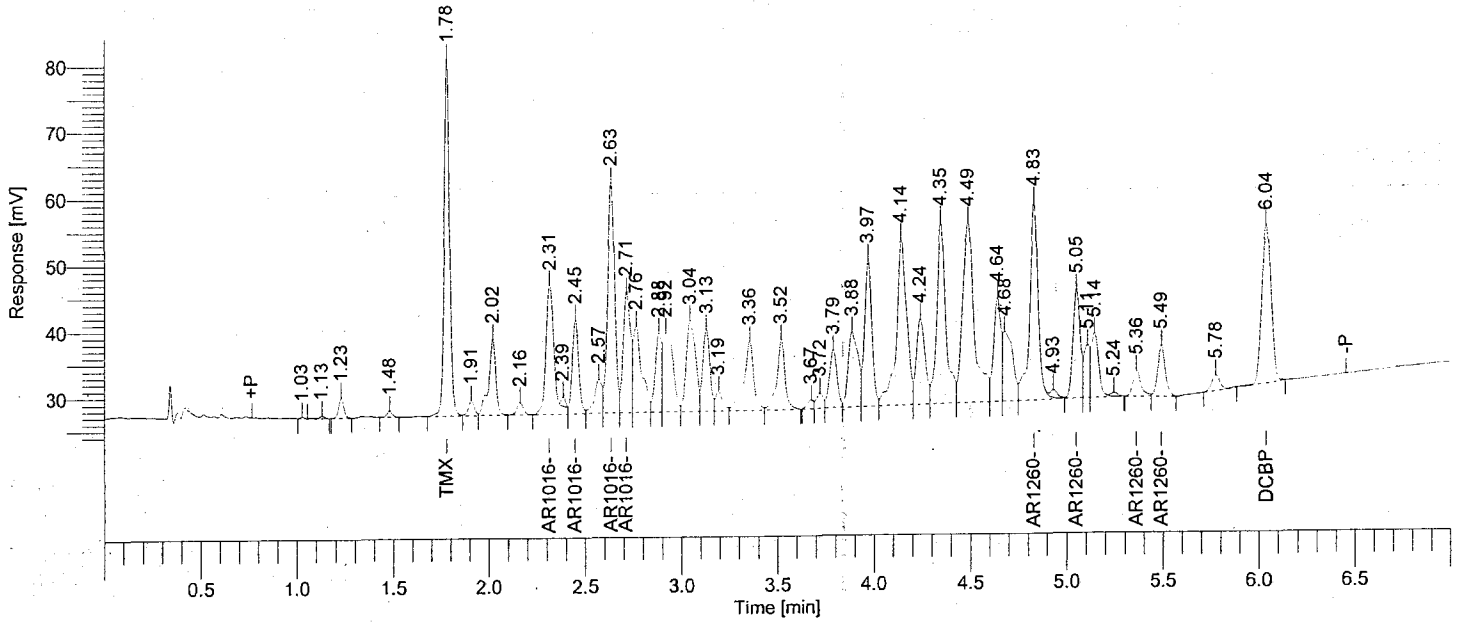
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
10	2.31	VE	120115	AR1016-A	0.2500	0.0625	4
12	2.45	VV	70132	AR1016-B	0.2500	0.0625	4
14	2.63	VV	191711	AR1016-C	0.2500	0.0625	4
15	2.71	VV	91351	AR1016-D	0.2500	0.0625	4
			473309			0.2500	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
34	4.83	VE	204192	AR1260-A	0.2500	0.0625	4
36	5.05	VV	97159	AR1260-B	0.2500	0.0625	4
40	5.36	VV	28084	AR1260-C	0.2500	0.0625	4
41	5.49	VB	46808	AR1260-D	0.2500	0.0625	4
			376243			0.2500	

Software Version	: 6.2.1.0.104:0104	Date	: 3/22/2006 1:17:51 PM
Reprocess Number	: buf2048: 38030		
Operator	: tchrom	Sample Name	: ICM66NF
Sample Number	: 0.1NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/14/2006 6:29:28 PM	Cycle	: 2

Raw Data File : H:\TURBO6\5890-19\19A47025.raw <Modified>
Result File : H:\TURBO6\5890-19\19A47025.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A47025.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A47025.rst
Calib Method : h:\turbo6\5890-19\sa66(03-14-06).mth from H:\TURBO6\5890-19\19A47025.rst
Report Format File: H:\TURBO6\5890-19\SSAMP4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq
Sample Notes:
19 INSTRUMENT FILE for 8082 pcb



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
5	1.78	BV	106329	TMX	0.0100	-------	0
	2.63		227575	AR1016	0.1000	0.0250	4
	4.83		168265	AR1260	0.1000	0.0250	4
43	6.04	VB	80400	DCBP	0.0100	-------	0
			582569			0.0500	

MAR 22 2006

3/22/2006 1:17:51 PM Result: H:\TURBO6\5890-19\19A47025.rst

Group Report For : AR1016

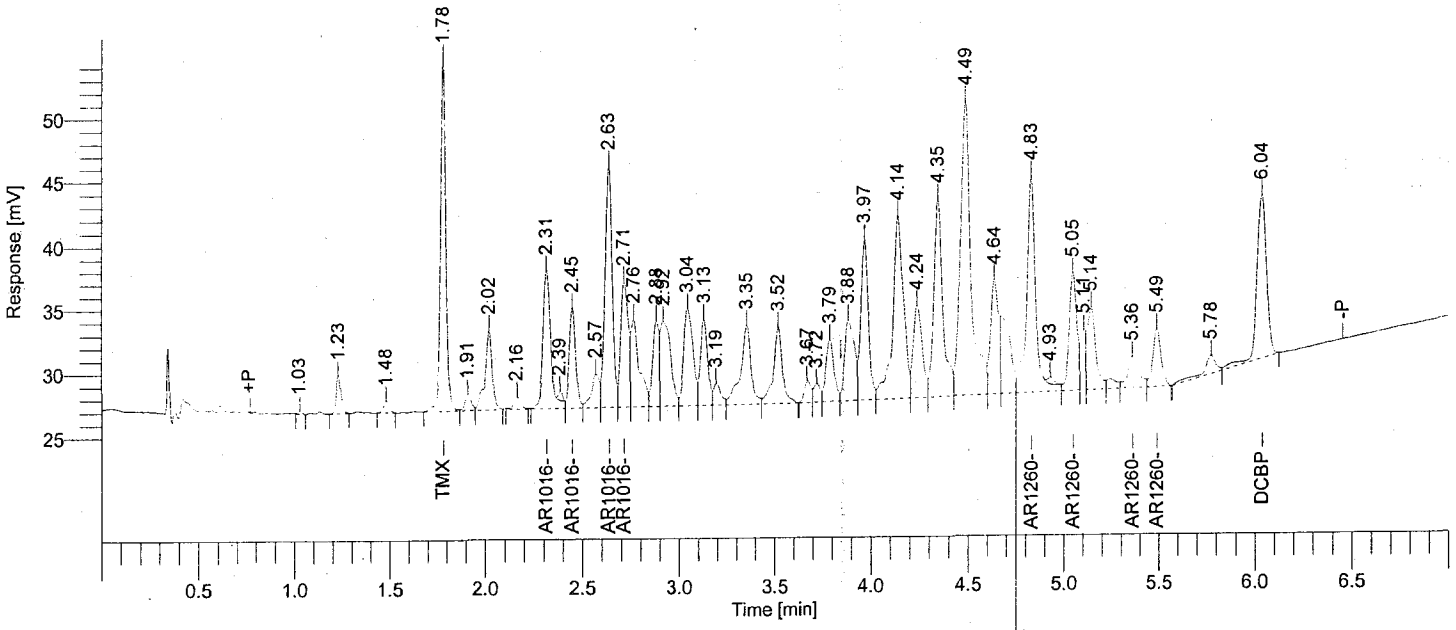
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
9	2.31	VE	58053	AR1016-A	0.1000	0.0250	4
11	2.45	VV	32395	AR1016-B	0.1000	0.0250	4
13	2.63	VV	88855	AR1016-C	0.1000	0.0250	4
14	2.71	VV	48272	AR1016-D	0.1000	0.0250	4
			227575			0.1000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
34	4.83	VE	92419	AR1260-A	0.1000	0.0250	4
36	5.05	VV	43386	AR1260-B	0.1000	0.0250	4
40	5.36	BV	11267	AR1260-C	0.1000	0.0250	4
41	5.49	VB	21193	AR1260-D	0.1000	0.0250	4
			168265			0.1000	

Software Version	: 6.2.1.0.104:0104	Date	: 3/22/2006 1:17:53 PM
Reprocess Number	: buf2048: 38031		
Operator	: tchrom	Sample Name	: ICM66NG
Sample Number	: 0.05NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/14/2006 6:47:36 PM	Cycle	: 3

Raw Data File : H:\TURBO6\5890-19\19A47026.raw <Modified>
Result File : H:\TURBO6\5890-19\19A47026.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A47026.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A47026.rst
Calib Method : h:\turbo6\5890-19\sa66(03-14-06).mth from H:\TURBO6\5890-19\19A47026.rst
Report Format File: H:\TURBO6\5890-19\SSAMP4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq
Sample Notes:
19 INSTRUMENT FILE for 8082 pcb



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
4	1.78	BV	54761	TMX	0.0050	-------	0
	2.63		124071	AR1016	0.0500	0.0125	4
	4.83		105155	AR1260	0.0500	0.0125	4
40	6.04	VB	44012	DCBP	0.0050	-------	0
			327999			0.0250	

MAR 22 2006

3/22/2006 1:17:53 PM Result: H:\TURBO6\5890-19\19A47026.rst

Group Report For : AR1016

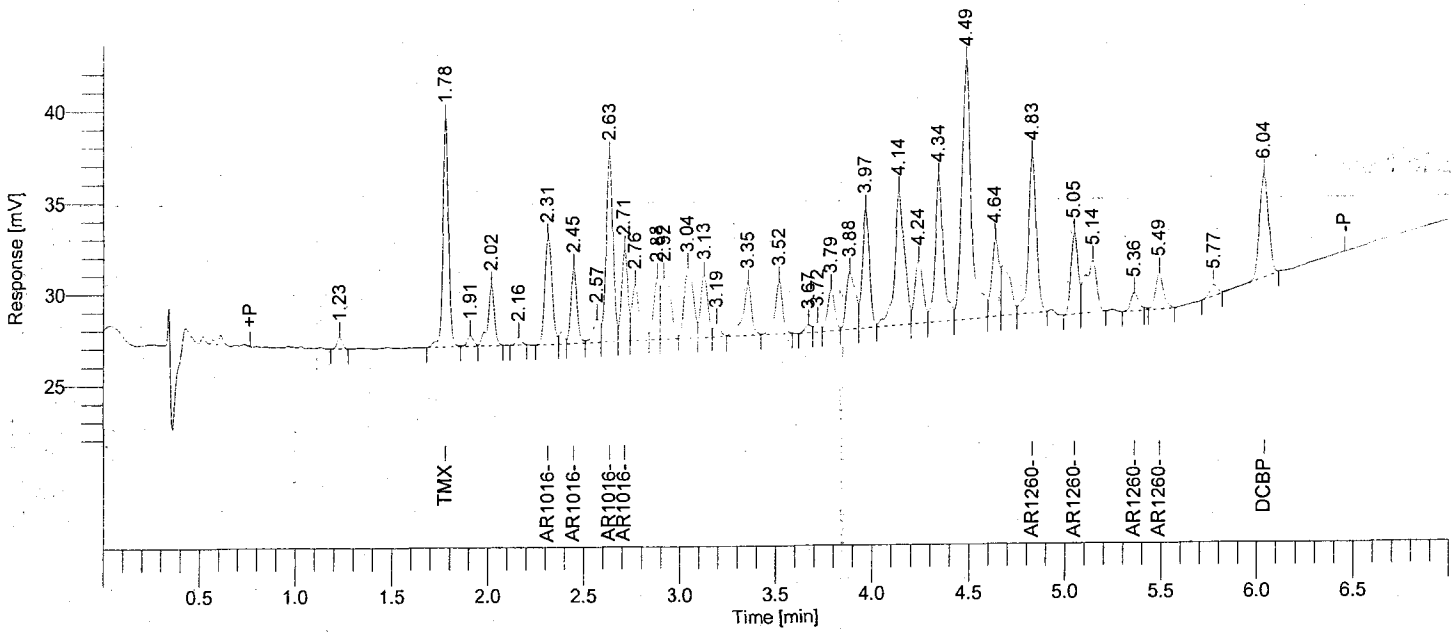
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
8	2.31	VE	31755	AR1016-A	0.0500	0.0125	4
10	2.45	VV	17575	AR1016-B	0.0500	0.0125	4
12	2.63	VV	48330	AR1016-C	0.0500	0.0125	4
13	2.71	VV	26410	AR1016-D	0.0500	0.0125	4
			124071			0.0500	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
32	4.83	VE	56180	AR1260-A	0.0500	0.0125	4
34	5.05	VV	25692	AR1260-B	0.0500	0.0125	4
37	5.36	VV	9688	AR1260-C	0.0500	0.0125	4
38	5.49	VB	13596	AR1260-D	0.0500	0.0125	4
			105155			0.0500	

Software Version	: 6.2.1.0.104:0104	Date	: 3/22/2006 1:17:55 PM
Reprocess Number	: buf2048: 38032		
Operator	: tchrom	Sample Name	: ICM66NE
Sample Number	: 0.025NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/14/2006 7:05:31 PM	Cycle	: 4

Raw Data File : H:\TURBO6\5890-19\19A47027.raw <Modified>
Result File : H:\TURBO6\5890-19\19A47027.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A47027.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A47027.rst
Calib Method : h:\turbo6\5890-19\sa66(03-14-06).mth from H:\TURBO6\5890-19\19A47027.rst
Report Format File: H:\TURBO6\5890-19\SSAMP4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq
Sample Notes:
19 INSTRUMENT FILE for 8082 pcb



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
2	1.78	BV	24804	TMX	0.0021	-------	0
	2.63		61334	AR1016	0.0250	0.0063	4
	4.83		44280	AR1260	0.0250	0.0063	4
35	6.04	VB	18202	DCBP	0.0015	-------	0
			148620			0.0125	

MAR 22 2006

3/22/2006 1:17:55 PM Result: H:\TURBO6\5890-19\19A47027.rst

Group Report For : AR1016

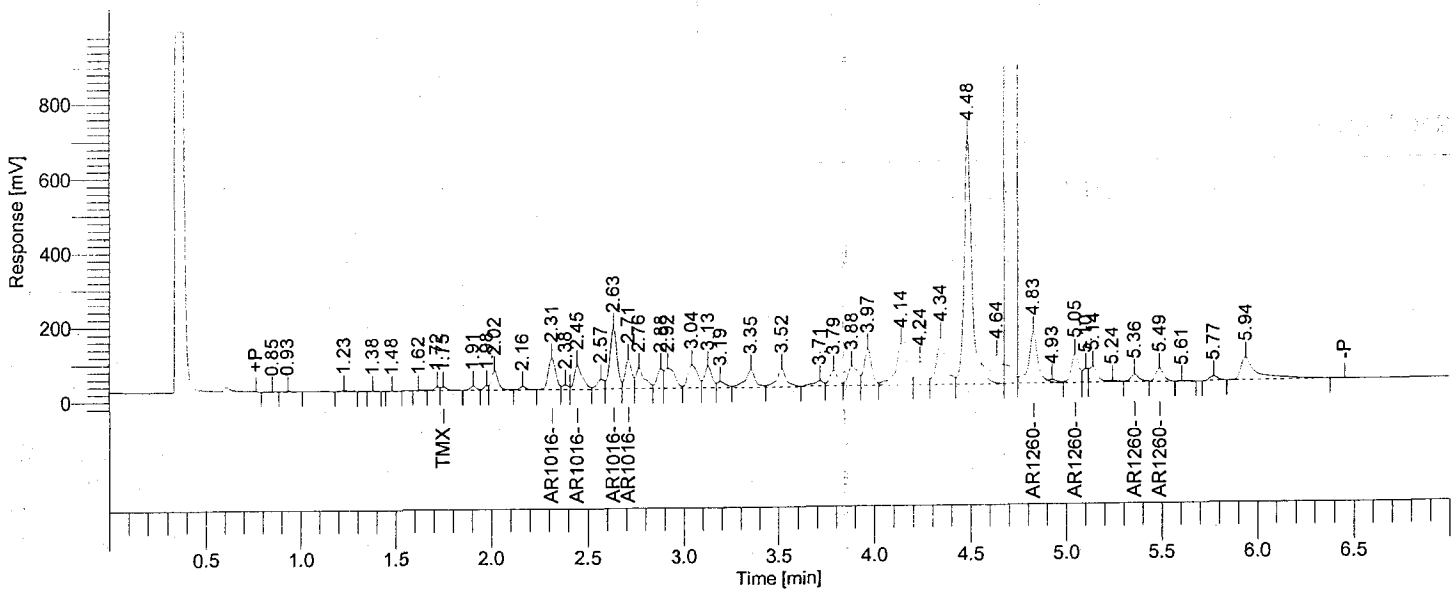
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
6	2.31	BV	15674	AR1016-A	0.0250	0.0063	4
7	2.45	VV	9108	AR1016-B	0.0250	0.0063	4
9	2.63	VV	25471	AR1016-C	0.0250	0.0063	4
10	2.71	VV	11081	AR1016-D	0.0250	0.0063	4
			61334			0.0250	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
29	4.83	VB	24614	AR1260-A	0.0250	0.0063	4
30	5.05	BV	11316	AR1260-B	0.0250	0.0063	4
32	5.36	BV	2757	AR1260-C	0.0250	0.0063	4
33	5.49	VB	5593	AR1260-D	0.0250	0.0063	4
			44280			0.0250	

Software Version	: 6.2.1.0.104:0104	Date	: 3/22/2006 1:23:23 PM
Reprocess Number	: buf2048: 38034		
Operator	: tchrom	Sample Name	: ACM66FA
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/14/2006 7:23:28 PM	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19A47028.raw <Modified>
Result File : H:\TURBO6\5890-19\19A47028.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A47028.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A47028.rst
Calib Method : h:\turbo6\5890-19\sa66(03-14-06).mth from H:\TURBO6\5890-19\19A47028.rst
Report Format File: H:\TURBO6\Default\ACM-%D4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq
Sample Notes:
19 INSTRUMENT FILE for 8082 pcb



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.75	VB	23633	TMX	0.0025	9.5947e+06	47266.7813	~~99.6~~
2.63		1036021	AR1016	0.6578	1.5750e+06	2.0720e+06	9.6
4.83		829624	AR1260	0.6427	1.2909e+06	1.6592e+06	7.1
		1889278		1.3030		3.7786e+06	

MAR 22 2006

3/22/2006 1:23:23 PM Result: H:\TURBO6\5890-19\19A47028.rst

Group Report For : AR1016

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.31	VV	240134	AR1016-A	0.6171	3.8912e+05	4.8027e+05	2.9
2.45	VV	192591	AR1016-B	0.8234	2.3388e+05	3.8518e+05	37.2
2.63	VV	418571	AR1016-C	0.6333	6.6089e+05	8.3714e+05	5.6
2.71	VV	184724	AR1016-D	0.6315	2.9250e+05	3.6945e+05	5.3
		1036021		2.7054		2.0720e+06	

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
4.83	VE	458019	AR1260-A	0.6542	7.0017e+05	9.1604e+05	9.0
5.05	VV	212479	AR1260-B	0.6328	3.3577e+05	4.2496e+05	5.5
5.36	VV	60423	AR1260-C	0.6470	93386.5677	1.2085e+05	7.8
5.49	VB	98703	AR1260-D	0.6109	1.6157e+05	1.9741e+05	1.8
		829624		2.5449		1.6592e+06	

PCB SINGLE POINT CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo

Instrument: HP5890-19 A Date(s) Analyzed:

Column: ZB-35 3/14/2006 to 3/14/2006

	LEVEL (ng/ul)					
COMPOUND	0.5					
	Area		Calibration Factor	File ID:	Date	Time
AR1221	263336		526672	H:\TURBO6\5890-19\19A47011.raw	3/14/2006	14:16
AR1232	276320		552640	H:\TURBO6\5890-19\19A47013.raw	3/14/2006	14:52
AR1242	639784		1279568	H:\TURBO6\5890-19\19A47015.raw	3/14/2006	15:28
AR1248	814956		1629912	H:\TURBO6\5890-19\19A47017.raw	3/14/2006	16:05
AR1254	1323317		2646634	H:\TURBO6\5890-19\19A47019.raw	3/14/2006	16:41

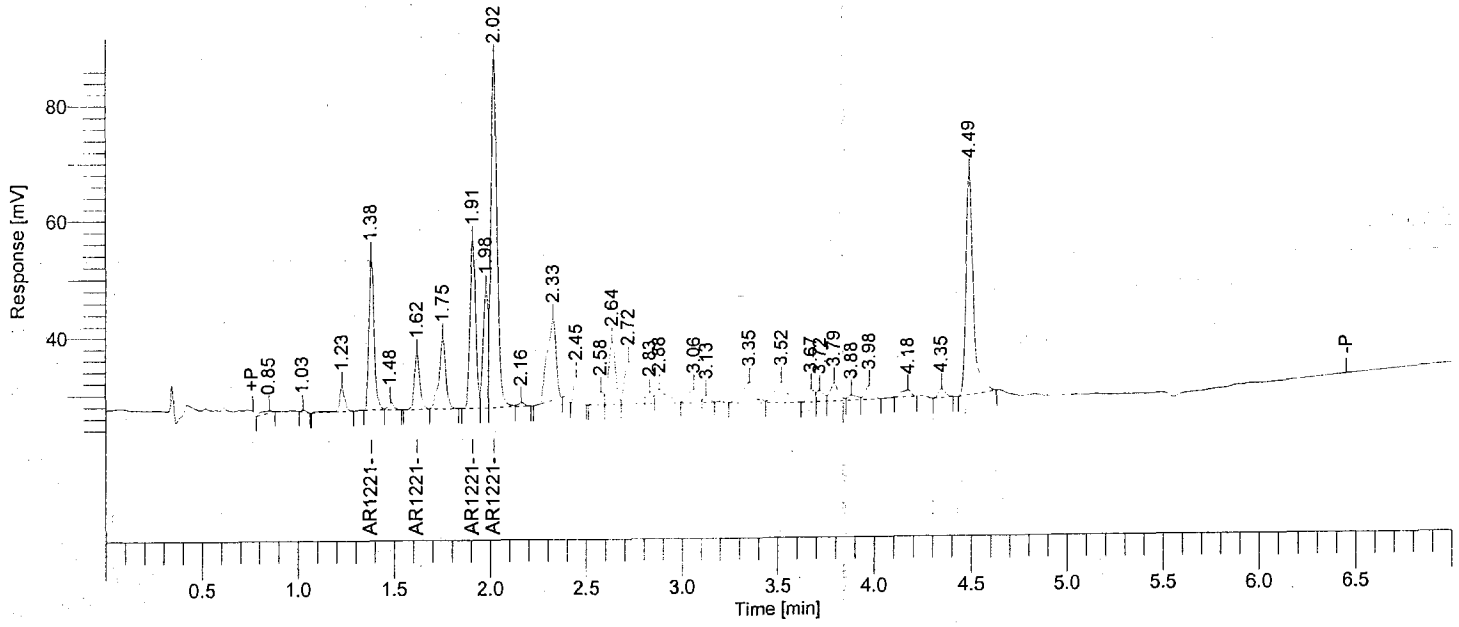
MAR 30 2006

FORM VIA PCB

CONFIRMATION COLUMN

Software Version	: 6.2.1.0.104:0104	Date	: 3/22/2006 12:20:47 PM
Reprocess Number	: buf2048: 37971		
Operator	: tchrom	Sample Name	: ICM21SA
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/14/2006 2:16:34 PM	Cycle	: 2

Raw Data File : H:\TURBO6\5890-19\19A47011.raw <Modified>
Result File : H:\TURBO6\5890-19\19A47011.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A47011.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A47011.rst
Calib Method : h:\turbo6\5890-19\sa21(03-14-06).mth from H:\TURBO6\5890-19\19A47011.rst
Report Format File: h:\turbo6\5890-19\ssamp4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
	2.02		263336	AR1221	0.5000	0.1250	4
			263336			0.1250	

Processed by: MAR 22 2006

Reviewed by: 3/23/06

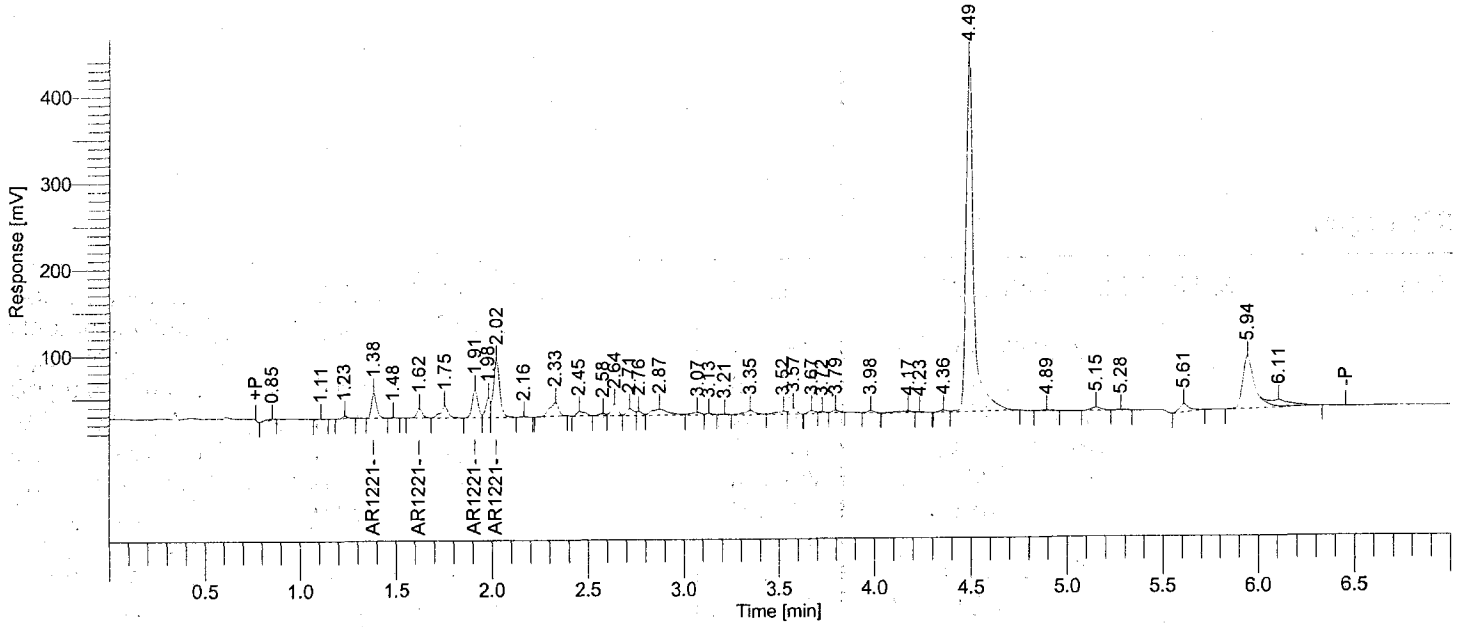
3/22/2006 12:20:47 PM Result: H:\TURBO6\5890-19\19A47011.rst

Group Report For : AR1221

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
4	1.38	BV	48752	AR1221-A	0.5000	0.1250	4
6	1.62	BV	18984	AR1221-B	0.5000	0.1250	4
8	1.91	BV	59023	AR1221-C	0.5000	0.1250	4
10	2.02	VV	136576	AR1221-D	0.5000	0.1250	4
			263336			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 3/22/2006 12:26:05 PM
Reprocess Number	: buf2048: 37972		
Operator	: tchrom	Sample Name	: ACM21QA
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/14/2006 2:34:44 PM	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19A47012.raw <Modified>
Result File : H:\TURBO6\5890-19\19A47012.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A47012.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A47012.rst
Calib Method : h:\turbo6\5890-19\sa21(03-14-06).mth from H:\TURBO6\5890-19\19A47012.rst
Report Format File: h:\turbo6\default\acm-%d4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	
2.02		293465	AR1221	0.5572	5.2667e+05	5.8693e+05	-7.1	MAR 22 2006
		293465		0.5572		5.8693e+05		

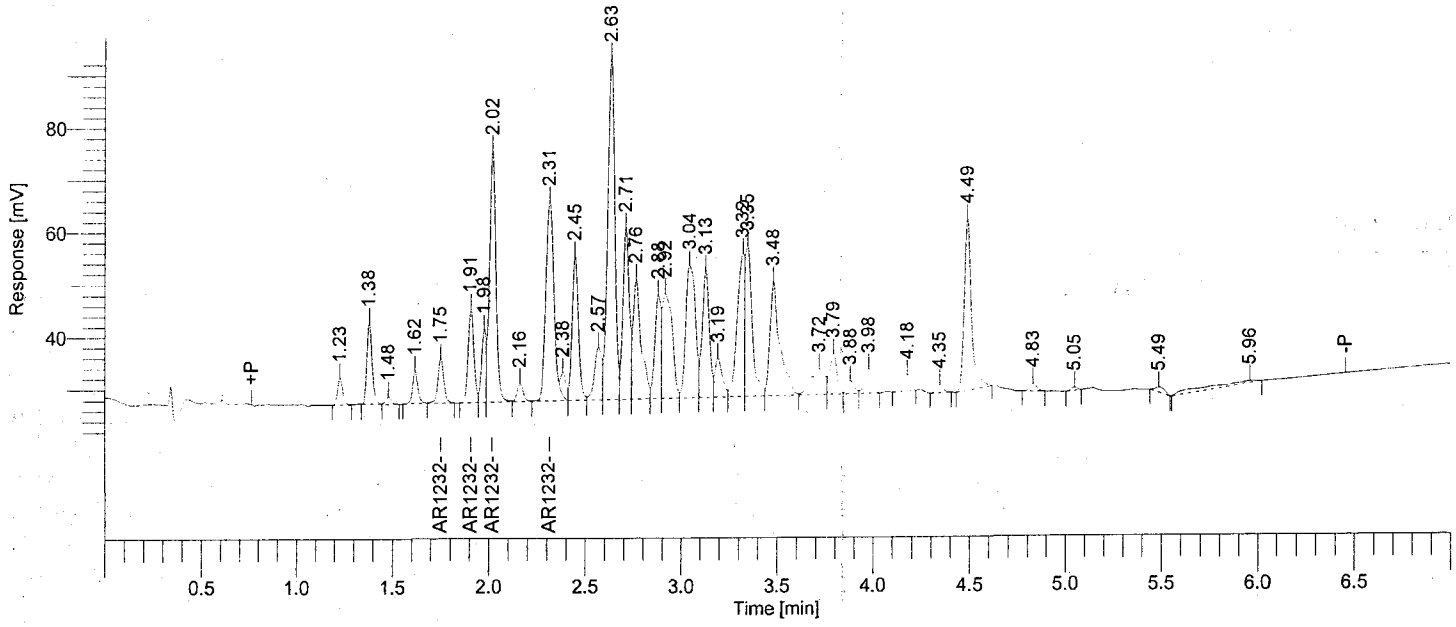
3/22/2006 12:26:05 PM Result: H:\TURBO6\5890-19\19A47012.rst

Group Report For : AR1221

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.38	BV	53577	AR1221-A	0.5495	97503.6269	1.0715e+05	-8.4
1.62	BV	21555	AR1221-B	0.5677	37968.8455	43109.8395	-5.4
1.91	BV	66610	AR1221-C	0.5643	1.1805e+05	1.3322e+05	-6.0
2.02	VV	151724	AR1221-D	0.5555	2.7315e+05	3.0345e+05	-7.4
		293465		2.2369		5.8693e+05	

Software Version	: 6.2.1.0.104:0104	Date	: 3/22/2006 1:01:34 PM
Reprocess Number	: buf2048: 38005		
Operator	: tchrom	Sample Name	: ICM32HA
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/14/2006 2:52:41 PM	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19A47013.raw <Modified>
Result File : H:\TURBO6\5890-19\19A47013.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A47013.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A47013.rst
Calib Method : h:\turbo6\5890-19\sa32(03-14-06).mth from H:\TURBO6\5890-19\19A47013.rst
Report Format File: h:\turbo6\5890-19\ssamp4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
	2.02		276320	AR1232	0.5000	0.1250	4
			276320			0.1250	

Processed by: MAR 22 2006

Reviewed by: 3/23/06

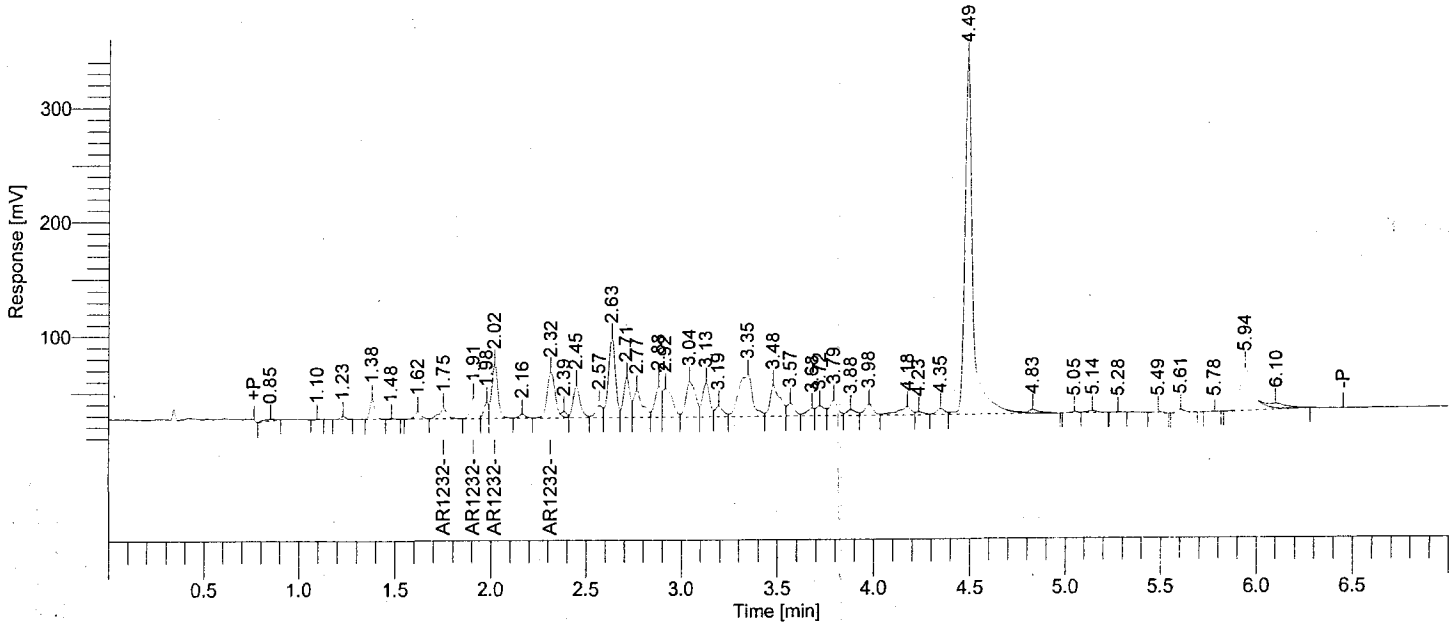
3/22/2006 1:01:34 PM Result: H:\TURBO6\5890-19\19A47013.rst

Group Report For : AR1232

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
5	1.75	VB	17330	AR1232-A	0.5000	0.1250	4
6	1.91	BV	36689	AR1232-B	0.5000	0.1250	4
8	2.02	VV	107934	AR1232-C	0.5000	0.1250	4
10	2.31	VE	114367	AR1232-D	0.5000	0.1250	4
			276320			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 3/22/2006 1:01:36 PM
Reprocess Number	: buf2048: 38006		
Operator	: tchrom	Sample Name	: ACM32CA
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/14/2006 3:10:50 PM	Cycle	: 2

Raw Data File : H:\TURBO6\5890-19\19A47014.raw <Modified>
Result File : H:\TURBO6\5890-19\19A47014.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A47014.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A47014.rst
Calib Method : h:\turbo6\5890-19\sa32(03-14-06).mth from H:\TURBO6\5890-19\19A47014.rst
Report Format File: h:\turbo6\default\acm-%d4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.02		291677	AR1232	0.5278	5.5264e+05	5.8335e+05	-12.0
		291677		0.5278		5.8335e+05	

MAR 22 2006

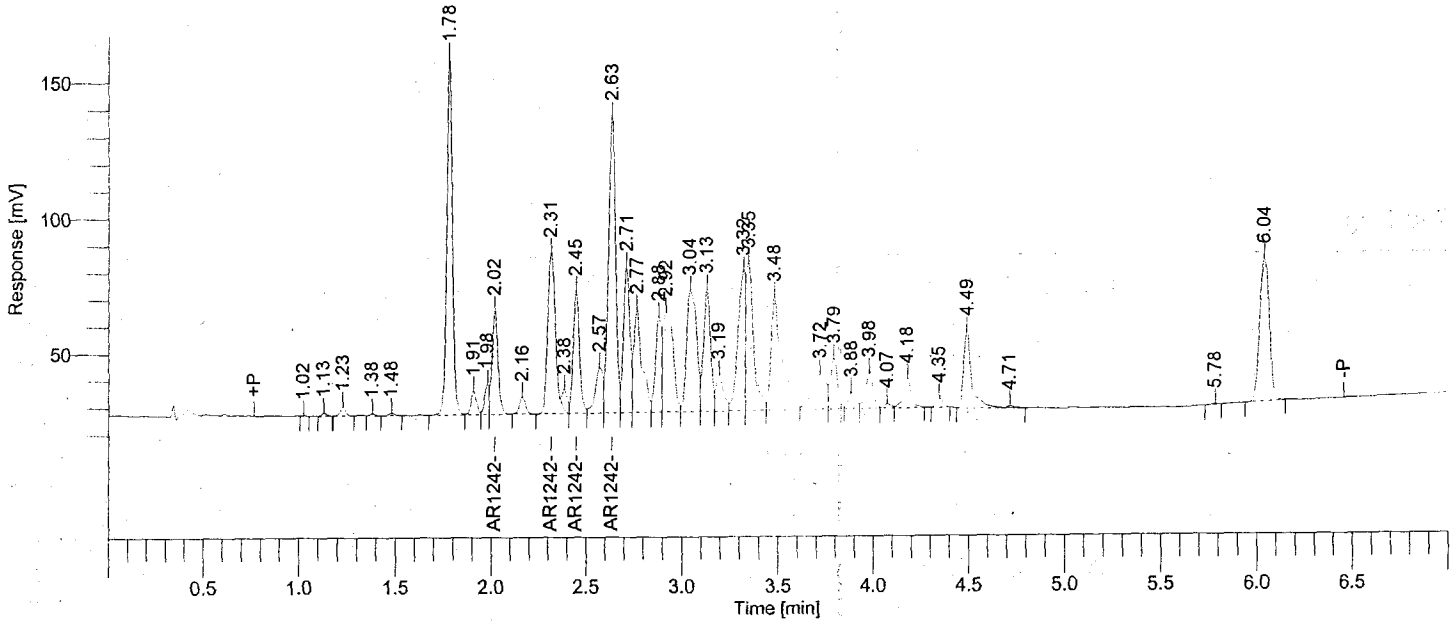
3/22/2006 1:01:36 PM Result: H:\TURBO6\5890-19\19A47014.rst

Group Report For : AR1232

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.75	VB	25939	AR1232-A	0.7484	34659.0798	51877.7117	24.7
1.91	BV	38168	AR1232-B	0.5201	73378.6811	76335.1976	-13.3
2.02	VV	106892	AR1232-C	0.4952	2.1587e+05	2.1378e+05	-17.5
2.32	VE	120679	AR1232-D	0.5276	2.2873e+05	2.4136e+05	-12.1
		291677		2.2913		5.8335e+05	

Software Version	: 6.2.1.0.104:0104	Date	: 3/22/2006 1:01:39 PM
Reprocess Number	: buf2048: 38007		
Operator	: tchrom	Sample Name	: ICM42TA
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/14/2006 3:28:58 PM	Cycle	: 3

Raw Data File : H:\TURBO6\5890-19\19A47015.raw <Modified>
Result File : H:\TURBO6\5890-19\19A47015.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A47015.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A47015.rst
Calib Method : h:\turbo6\5890-19\sa42(03-14-06).mth from H:\TURBO6\5890-19\19A47015.rst
Report Format File: h:\turbo6\5890-19\ssamp4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
	2.63		639784	AR1242	0.5000	0.1250	4
			639784			0.1250	

Processed by: [signature] MAR\ 2 2 \2006

Reviewed by: [signature] 3\23\06

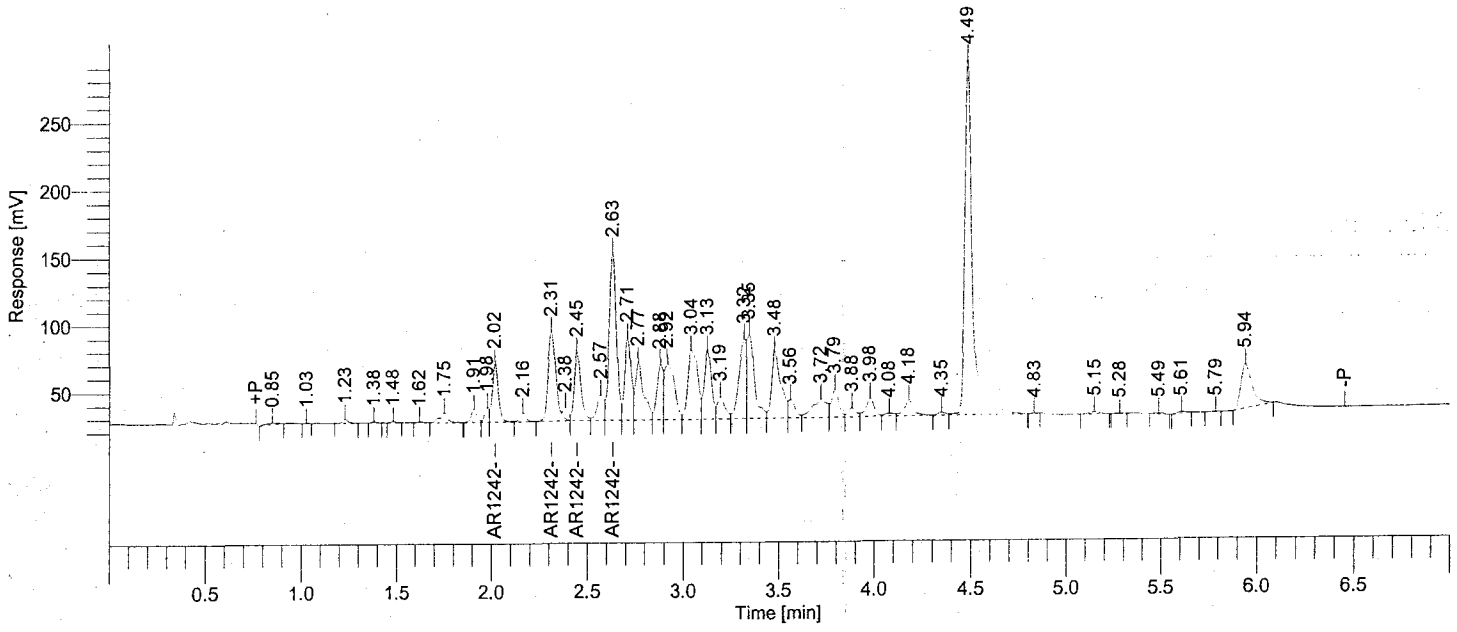
3/22/2006 1:01:39 PM Result: H:\TURBO6\5890-19\19A47015.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
9	2.02	VV	85346	AR1242-A	0.5000	0.1250	4
11	2.31	BE	169261	AR1242-B	0.5000	0.1250	4
13	2.45	VV	103068	AR1242-C	0.5000	0.1250	4
15	2.63	VV	282109	AR1242-D	0.5000	0.1250	4
			639784			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 3/22/2006 1:01:41 PM
Reprocess Number	: buf2048: 38008		
Operator	: tchrom	Sample Name	: ACM42PA
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/14/2006 3:47:07 PM	Cycle	: 4

Raw Data File : H:\TURBO6\5890-19\19A47016.raw <Modified>
Result File : H:\TURBO6\5890-19\19A47016.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A47016.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A47016.rst
Calib Method : h:\turbo6\5890-19\sa42(03-14-06).mth from H:\TURBO6\5890-19\19A47016.rst
Report Format File: h:\turbo6\default\acm-%d4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.63		731742	AR1242	0.5719	1.2796e+06	1.4635e+06	-4.7
		731742		0.5719		1.4635e+06	

MAR 22 2006

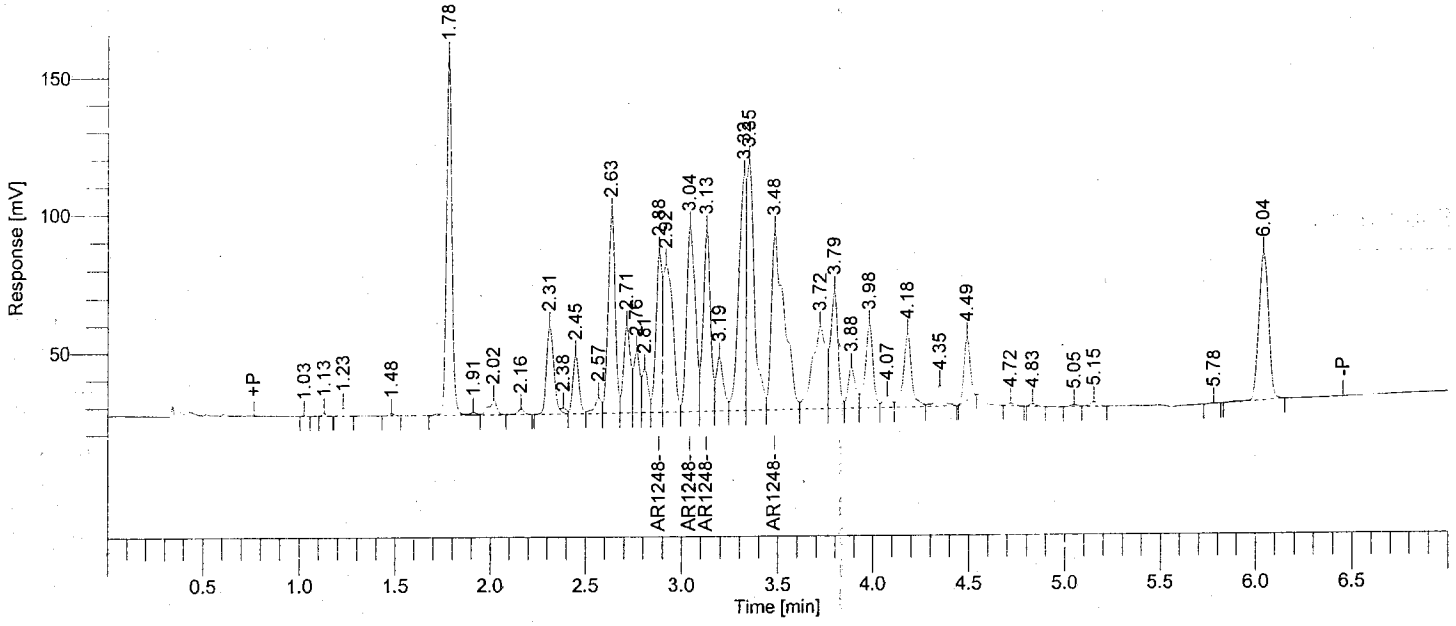
3/22/2006 1:01:41 PM Result: H:\TURBO6\5890-19\19A47016.rst

Group Report For : AR1242

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.02	VV	96439	AR1242-A	0.5650	1.7069e+05	1.9288e+05	-5.8
2.31	VE	190162	AR1242-B	0.5617	3.3852e+05	3.8032e+05	-6.4
2.45	VV	124138	AR1242-C	0.6022	2.0614e+05	2.4828e+05	0.4
2.63	VV	321002	AR1242-D	0.5689	5.6422e+05	6.4200e+05	-5.2
		731742		2.2979		1.4635e+06	

Software Version	: 6.2.1.0.104:0104	Date	: 3/22/2006 1:01:43 PM
Reprocess Number	: buf2048: 38009		
Operator	: tchrom	Sample Name	: ICM48SA
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/14/2006 4:05:14 PM	Cycle	: 5

Raw Data File : H:\TURBO6\5890-19\19A47017.raw <Modified>
Result File : H:\TURBO6\5890-19\19A47017.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A47017.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A47017.rst
Calib Method : h:\turbo6\5890-19\sa48(03-14-06).mth from H:\TURBO6\5890-19\19A47017.rst
Report Format File: h:\turbo6\5890-19\ssamp4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
	3.04		814956	AR1248	0.5000	0.1250	4
			814956			0.1250	

Processed by: [signature] MAR 22 2006

Reviewed by: [signature] 3/23/06

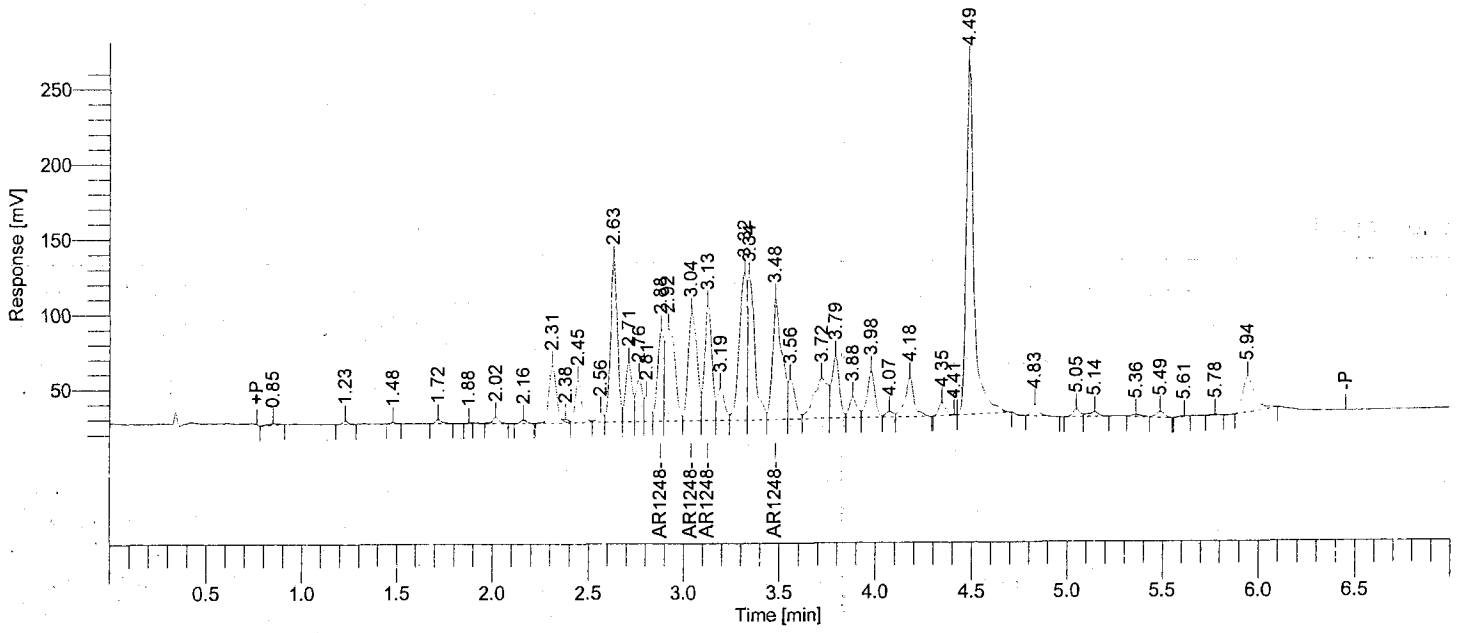
3/22/2006 1:01:43 PM Result: H:\TURBO6\5890-19\19A47017.rst

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
17	2.88	VV	130213	AR1248-A	0.5000	0.1250	4
19	3.04	VV	212429	AR1248-B	0.5000	0.1250	4
20	3.13	VV	170459	AR1248-C	0.5000	0.1250	4
24	3.48	VV	301856	AR1248-D	0.5000	0.1250	4
			814956			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 3/22/2006 1:01:45 PM
Reprocess Number	: buf2048: 38010		
Operator	: tchrom	Sample Name	: ACM48NA
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/14/2006 4:23:12 PM	Cycle	: 6

Raw Data File : H:\TURBO6\5890-19\19A47018.raw <Modified>
Result File : H:\TURBO6\5890-19\19A47018.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A47018.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A47018.rst
Calib Method : h:\turbo6\5890-19\sa48(03-14-06).mth from H:\TURBO6\5890-19\19A47018.rst
Report Format File: h:\turbo6\default\acm-%d4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.48		846466	AR1248	0.5193	1.6299e+06	1.6929e+06	-13.4
		846466		0.5193		1.6929e+06	

MAR 22 2006

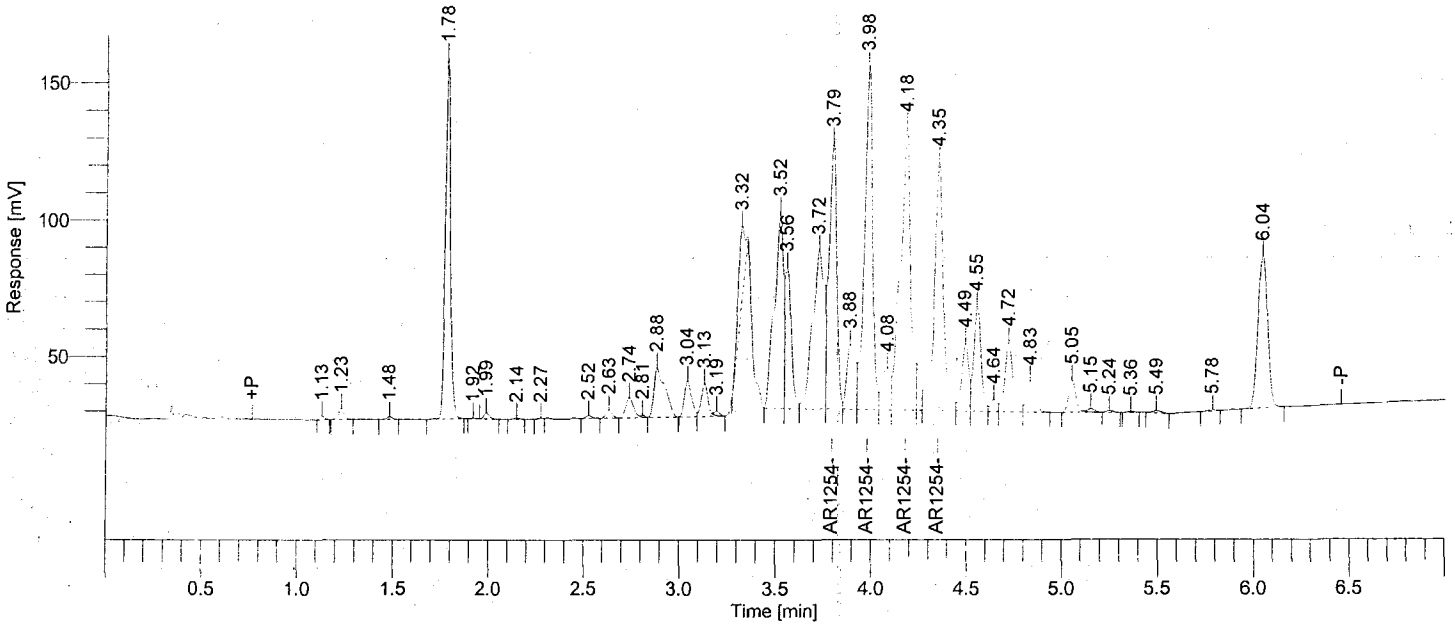
3/22/2006 1:01:45 PM Result: H:\TURBO6\5890-19\19A47018.rst

Group Report For : AR1248

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.88	VV	133146	AR1248-A	0.5113	2.6043e+05	2.6629e+05	-14.8
3.04	VV	236382	AR1248-B	0.5564	4.2486e+05	4.7276e+05	-7.3
3.13	VV	199371	AR1248-C	0.5848	3.4092e+05	3.9874e+05	-2.5
3.48	VV	277567	AR1248-D	0.4598	6.0371e+05	5.5513e+05	-23.4
		846466		2.1122		1.6929e+06	

Software Version	: 6.2.1.0.104:0104	Date	: 3/22/2006 1:01:47 PM
Reprocess Number	: buf2048: 38011		
Operator	: tchrom	Sample Name	: ICM54VA
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/14/2006 4:41:07 PM	Cycle	: 7

Raw Data File : H:\TURBO6\5890-19\19A47019.raw <Modified>
Result File : H:\TURBO6\5890-19\19A47019.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A47019.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A47019.rst
Calib Method : h:\turbo6\5890-19\sa54(03-14-06).mth from H:\TURBO6\5890-19\19A47019.rst
Report Format File: h:\turbo6\5890-19\ssamp4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
	3.98		1323317	AR1254	0.5000	0.1250	4
			1323317			0.1250	

Processed by: [signature] MAR 22 2006

Reviewed by: [signature] 3/23/06

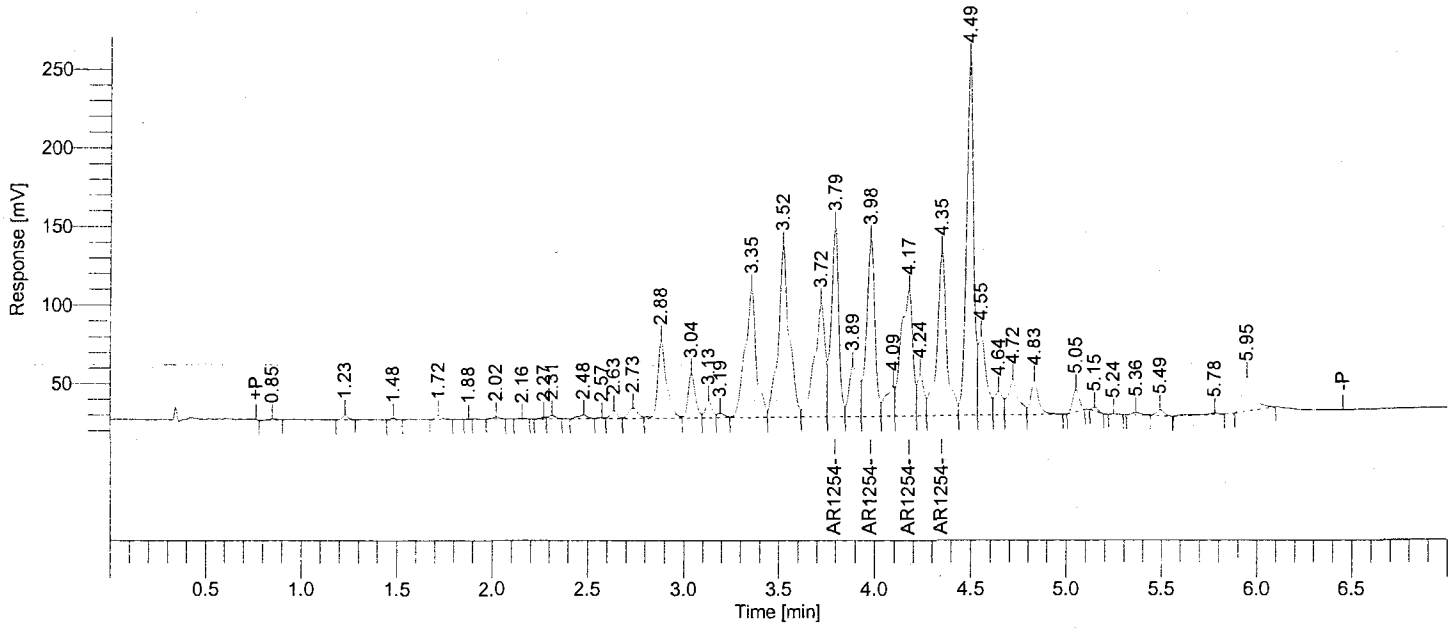
3/22/2006 1:01:47 PM Result: H:\TURBO6\5890-19\19A47019.rst

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
21	3.79	VV	267261	AR1254-A	0.5000	0.1250	4
23	3.98	VV	359224	AR1254-B	0.5000	0.1250	4
25	4.18	VV	380589	AR1254-C	0.5000	0.1250	4
26	4.35	VV	316243	AR1254-D	0.5000	0.1250	4
			1323317			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 3/22/2006 1:01:49 PM
Reprocess Number	: buf2048: 38012		
Operator	: tchrom	Sample Name	: ACM54SA
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/14/2006 4:59:16 PM	Cycle	: 8

Raw Data File : H:\TURBO6\5890-19\19A47020.raw <Modified>
Result File : H:\TURBO6\5890-19\19A47020.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A47020.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A47020.rst
Calib Method : h:\turbo6\5890-19\sa54(03-14-06).mth from H:\TURBO6\5890-19\19A47020.rst
Report Format File: h:\turbo6\default\acm-%d4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq



2nd Source Check

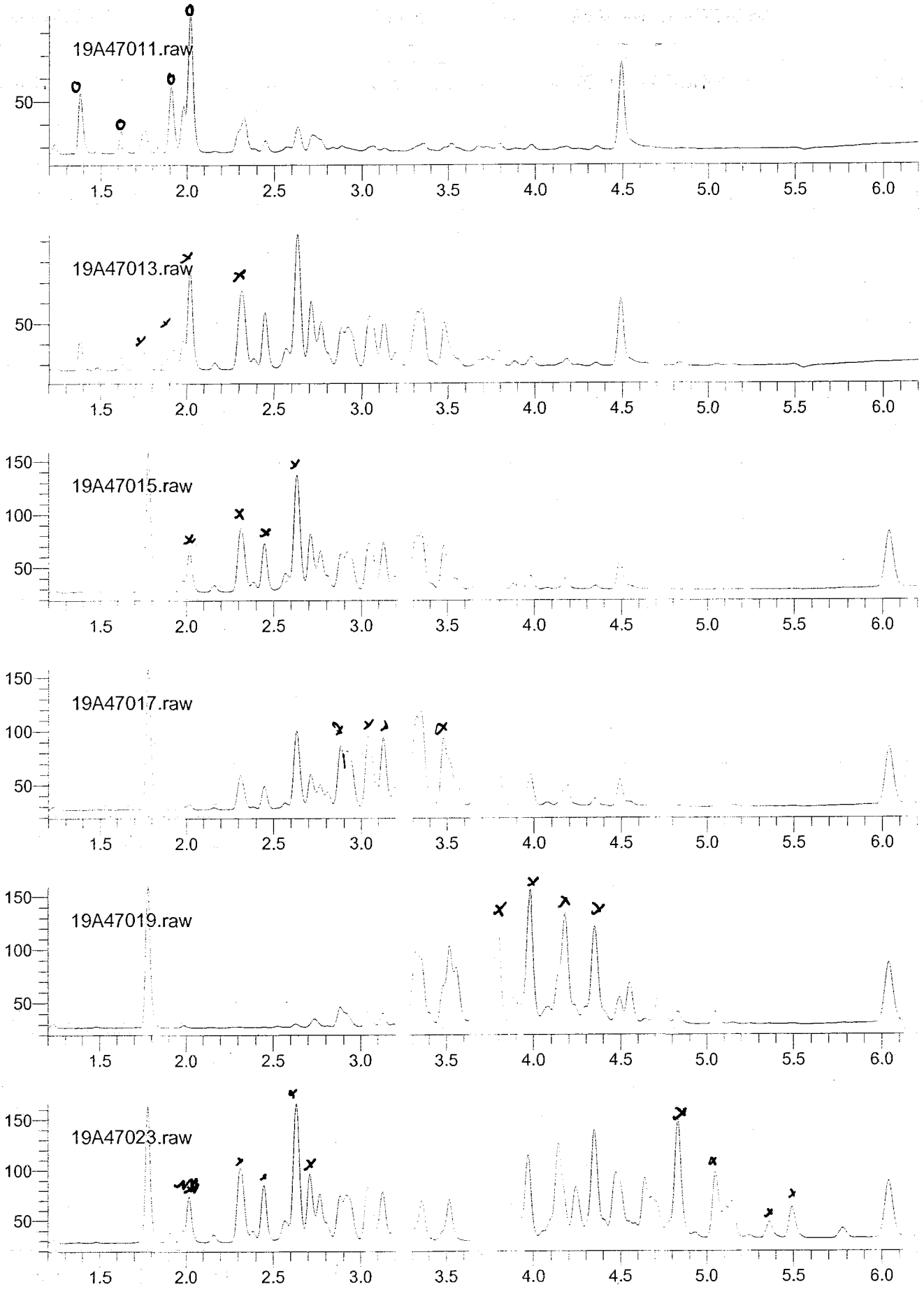
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.79		1365052	AR1254	0.5158	2.6466e+06	2.7301e+06	-14.0
		1365052		0.5158		2.7301e+06	

MAR 22 2006

3/22/2006 1:01:49 PM Result: H:\TURBO6\5890-19\19A47020.rst

Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.79	VV	329361	AR1254-A	0.6162	5.3452e+05	6.5872e+05	2.7
3.98	VV	326839	AR1254-B	0.4549	7.1845e+05	6.5368e+05	-24.2
4.17	VV	341936	AR1254-C	0.4492	7.6118e+05	6.8387e+05	-25.1
4.35	VV	366916	AR1254-D	0.5801	6.3249e+05	7.3383e+05	-3.3
		1365052		2.1004		2.7301e+06	


19A47011.raw
19A47013.raw
19A47015.raw
19A47017.raw
19A47019.raw
19A47023.raw
50
100
150
1.5
2.0
2.5
3.0
3.5
4.0
4.5
5.0
5.5
6.0

PCB INITIAL CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 B Date(s) Analyzed:

Column: ZB-5 3/14/2006 to 3/14/2006

	LEVEL (ng/ul) Area											
COMPOUND	0.025	0.05	0.1	0.25	0.5	1.0	2.5	Curve	R Squared	m_1	m_2	b
AR1016	30514	64713	120694	252726	462806	783239	1673861	2nd	0.999102	855828	-79562	29178
AR1260	24909	48455	90692	199689	385870	668050	1463942	2nd	0.999481	725911	-59058	16694
COMPOUND	0.005	0.01	0.02	0.03	0.04	0.05			Ave Cal Factor	% RSD		
TMX	26585	53830	97539	141713	178878	214745		Ave	4844570	9.09%		
DCBP	28799	54922	93799	133623	165190	204434		Ave	4769078	14.77%		

Name	Level	File ID:
ICM66NE	0.025	H:\TURBO6\5890-19\19B47027.raw
ICM66NG	0.05	H:\TURBO6\5890-19\19B47026.raw
ICM66NF	0.10	H:\TURBO6\5890-19\19B47025.raw
ICM66NE	0.25	H:\TURBO6\5890-19\19B47024.raw
ICM66NB	0.5	H:\TURBO6\5890-19\19B47023.raw
ICM66ND	1.0	H:\TURBO6\5890-19\19B47022.raw
ICM66NC	2.5	H:\TURBO6\5890-19\19B47021.raw

Curve	Formula
1st Order	Area = Amt*m1 + b
2nd Order	Area = m1*Amt + m2((Amt)^2) + b

MAR 3 0 2006

FORM VIA PCB

6B

PCB INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 B Date(s) Analyzed:

Column: ZB-5 3/14/2006 to 3/14/2006

	LEVEL					INITIAL	WINDOW
COMPOUND	A	C	E	AVE RT	WINDOW (+/-)	From	To
TMX	1.56	1.56	1.55	1.56	0.08	1.48	1.64
AR1016-A	1.93	1.93	1.92	1.93	0.08	1.85	2.01
AR1016-B	2.22	2.22	2.22	2.22	0.08	2.14	2.30
AR1016-C	2.51	2.51	2.51	2.51	0.08	2.43	2.59
AR1016-D	2.62	2.62	2.61	2.62	0.08	2.54	2.70
AR1260-A	4.52	4.52	4.52	4.52	0.08	4.44	4.60
AR1260-B	4.65	4.65	4.65	4.65	0.08	4.57	4.73
AR1260-C	5.33	5.33	5.33	5.33	0.08	5.25	5.41
AR1260-D	5.58	5.58	5.58	5.58	0.08	5.50	5.66

MAR 30 2006

TotalChrom Method File H:\TURBO6\5890-19\SB66(03-14-06).mth

Printed by	: RudzG	on:	3/22/2006	1:58:01 PM
Created by	: DelongG	on:	3/15/2006	1:38:37 PM
Edited by	: RudzG	on:	3/22/2006	1:57:52 PM
Number of Times Edited	: 7			
Number of Times Calibrated	: 291			

Description: NEW 7 PT 1016/1260 CURVE FOR INST #19 3/14/06

Global Sample Information

Default Sample Volume	: 1.000 uL
Quantitation Units	: ng
Void Time	: 0.000 min
Correct amounts during calibration	: Yes
Convert unknowns to concentration units	: Yes
Reject outliers during calibration	: No

Processed by: MAR 22 2006

Reviewed by: 3/23/06

An External Standard calibration will be used
Unknown peaks will be quantitated using a response factor of 1.000000e+06
First peak will be relative retention reference

Component Information

TMX

Component Type	: Single Peak Component
Retention Time	: 1.555 min
Search Window	: 3.00 s, 0.00 %
Reference Component	:

Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
Component standard purity percentage : 100.0000%

User Values

Label	:
Value 1	: 0.030000
Value 2	: 0.000000
Value 3	: 0.000000
Value 4	: 0.000000
Value 5	: 0.020000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	26584.59	14854.52	----------	----------	1
B	0.0100	53829.56	30539.90	----------	----------	1
C	0.0200	97538.54	55675.72	----------	----------	1
D	0.0300	141712.95	80698.67	----------	----------	1
E	0.0400	178878.32	102104.02	----------	----------	1
F	0.0500	214744.83	121736.17	----------	----------	1

Average Calibration Factor = 4.844570e+06 (%RSD = 9.09)

AR1016-A

Component Type	: Single Peak Component
Retention Time	: 1.925 min
Search Window	: 3.00 s, 0.00 %
Reference Component	:

Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1

3/22/2006 1:58:01 PM Method: H:\TURBO6\5890-19\SB66(03-14-06).mth

Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	6968.72	3198.47	----------	----------	1
b	0.1000	13220.51	6021.48	----------	----------	1
c	0.2500	28524.90	13330.01	----------	----------	1
d	0.5000	53586.30	25288.88	----------	----------	1
e	1.0000	92683.85	43741.43	----------	----------	1
f	2.5000	201845.78	94024.10	----------	----------	1
H	0.0250	3539.41	1648.58	----------	----------	1

Calibration Curve : y = (2720.115880) + (100554.452098)x + (-8398.619893)x^2 + (0.000000)x^3
R-squared : 0.999433

AR1016-B
Component Type : Single Peak Component
Retention Time : 2.220 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	15651.85	6833.11	----------	----------	1
b	0.1000	28764.40	12534.72	----------	----------	1
c	0.2500	62073.27	27155.92	----------	----------	1
d	0.5000	114766.59	50370.47	----------	----------	1
e	1.0000	193390.00	85223.40	----------	----------	1
f	2.5000	407531.85	178720.06	----------	----------	1
H	0.0250	8432.15	3692.86	----------	----------	1

Calibration Curve : y = (6931.114482) + (213094.363308)x + (-21232.604162)x^2 + (0.000000)x^3
R-squared : 0.999172

3/22/2006 1:58:01 PM Method: H:\TURBO6\5890-19\SB66(03-14-06).mth

AR1016-C
Component Type : Single Peak Component
Retention Time : 2.509 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	29977.86	10046.03	----------	----------	1
b	0.1000	56091.75	18862.99	----------	----------	1
c	0.2500	113050.19	42431.84	----------	----------	1
d	0.5000	202772.58	80774.20	----------	----------	1
e	1.0000	340043.59	139833.69	----------	----------	1
f	2.5000	727175.82	301478.85	----------	----------	1
H	0.0250	12716.01	5093.90	----------	----------	1

Calibration Curve : y = (14784.661058) + (370136.019877)x + (-34256.807320)x^2 + (0.000000)x^3
R-squared : 0.998797

AR1016
Component Type : Named Group
Group Members
AR1016-A
AR1016-B
AR1016-C
AR1016-D
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.600000
Value 4 : 0.000000
Value 5 : 0.250000

3/22/2006 1:58:01 PM Method: H:\TURBO6\5890-19\SB66(03-14-06).mth

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	64713.41	24482.61	----------	----------	1
b	0.1000	120693.83	45666.50	----------	----------	1
c	0.2500	252726.01	101193.42	----------	----------	1
d	0.5000	462806.42	191108.97	----------	----------	1
e	1.0000	783238.72	328756.94	----------	----------	1
f	2.5000	1673861.44	703914.54	----------	----------	1
H	0.0250	30514.39	12609.36	----------	----------	1

Calibration Curve : y = (29178.384455) + (855828.308740)x + (-79562.377537)x^2 + (0.000000)x^3
R-squared : 0.999102

AR1016-D
Component Type : Single Peak Component
Retention Time : 2.616 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	12114.99	4405.01	----------	----------	1
b	0.1000	22617.16	8247.31	----------	----------	1
c	0.2500	49077.66	18275.66	----------	----------	1
d	0.5000	91680.95	34675.43	----------	----------	1
e	1.0000	157121.28	59958.43	----------	----------	1
f	2.5000	337307.99	129691.54	----------	----------	1
h	0.0250	5826.82	2174.01	----------	----------	1

Calibration Curve : y = (4742.493035) + (172043.473458)x + (-15674.346163)x^2 + (0.000000)x^3
R-squared : 0.999325

AR1260-A
Component Type : Single Peak Component
Retention Time : 4.520 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1

3/22/2006 1:58:01 PM Method: H:\TURBO6\5890-19\SB66(03-14-06).mth

Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	12581.66	5427.30	----------	----------	1
b	0.1000	23158.18	10017.12	----------	----------	1
c	0.2500	50948.82	21977.72	----------	----------	1
d	0.5000	96972.62	42004.49	----------	----------	1
e	1.0000	166907.50	72053.21	----------	----------	1
f	2.5000	361387.81	156723.32	----------	----------	1
H	0.0250	7828.69	2854.74	----------	----------	1

Calibration Curve : y = (5108.049238) + (181148.614903)x + (-15517.359318)x^2 + (0.000000)x^3
R-squared : 0.999491

AR1260-B
Component Type : Single Peak Component
Retention Time : 4.653 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	27238.73	10154.21	----------	----------	1
b	0.1000	50782.72	18710.45	----------	----------	1
c	0.2500	110250.67	40741.88	----------	----------	1
d	0.5000	210984.00	77542.59	----------	----------	1
e	1.0000	362117.67	133563.88	----------	----------	1
f	2.5000	786189.05	292237.83	----------	----------	1
H	0.0250	12905.26	5020.38	----------	----------	1

Calibration Curve : y = (9848.758082) + (395532.781852)x + (-34149.757806)x^2 + (0.000000)x^3
R-squared : 0.999364

3/22/2006 1:58:01 PM Method: H:\TURBO6\5890-19\SB66(03-14-06).mth

AR1260
Component Type : Named Group
Group Members
AR1260-A
AR1260-B
AR1260-C
AR1260-D
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.600000
Value 4 : 0.000000
Value 5 : 0.250000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	48454.77	19109.52	----------	----------	1
b	0.1000	90692.03	35494.62	----------	----------	1
c	0.2500	199688.60	78088.35	----------	----------	1
d	0.5000	385869.53	149589.72	----------	----------	1
e	1.0000	668050.10	257749.72	----------	----------	1
f	2.5000	1463942.36	562755.71	----------	----------	1
H	0.0250	24909.37	9573.27	----------	----------	1

Calibration Curve : y = (16693.726083) + (725911.287123)x + (-59058.726914)x^2 + (0.000000)x^3
R-squared : 0.999481

AR1260-C
Component Type : Single Peak Component
Retention Time : 5.330 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

3/22/2006 1:58:01 PM Method: H:\TURBO6\5890-19\SB66(03-14-06).mth

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	6473.45	2627.02	----------	----------	1
b	0.1000	12532.30	5010.67	----------	----------	1
c	0.2500	28624.41	11299.05	----------	----------	1
d	0.5000	58150.39	22042.40	----------	----------	1
e	1.0000	102669.51	38023.53	----------	----------	1
f	2.5000	229082.00	82675.60	----------	----------	1
H	0.0250	3155.11	1268.86	----------	----------	1

Calibration Curve : y = (1328.187927) + (111536.722218)x + (-8205.281210)x^2 + (0.000000)x^3
R-squared : 0.999628

AR1260-D
Component Type : Single Peak Component
Retention Time : 5.581 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	2160.93	900.99	----------	----------	1
b	0.1000	4218.83	1756.37	----------	----------	1
c	0.2500	9864.69	4069.69	----------	----------	1
d	0.5000	19762.52	8000.23	----------	----------	1
e	1.0000	36355.42	14109.10	----------	----------	1
f	2.5000	87283.50	31118.97	----------	----------	1
h	0.0250	1020.31	429.29	----------	----------	1

Calibration Curve : y = (408.730836) + (37693.168150)x + (-1186.328580)x^2 + (0.000000)x^3
R-squared : 0.999809

DCBP
Component Type : Single Peak Component
Retention Time : 5.820 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
Component standard purity percentage : 100.0000%

3/22/2006 1:58:01 PM Method: H:\TURBO6\5890-19\SB66(03-14-06).mth

User Values
Label :
Value 1 : 0.030000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.020000
Value 6 : 0.010000
Value 7 : 1.000000

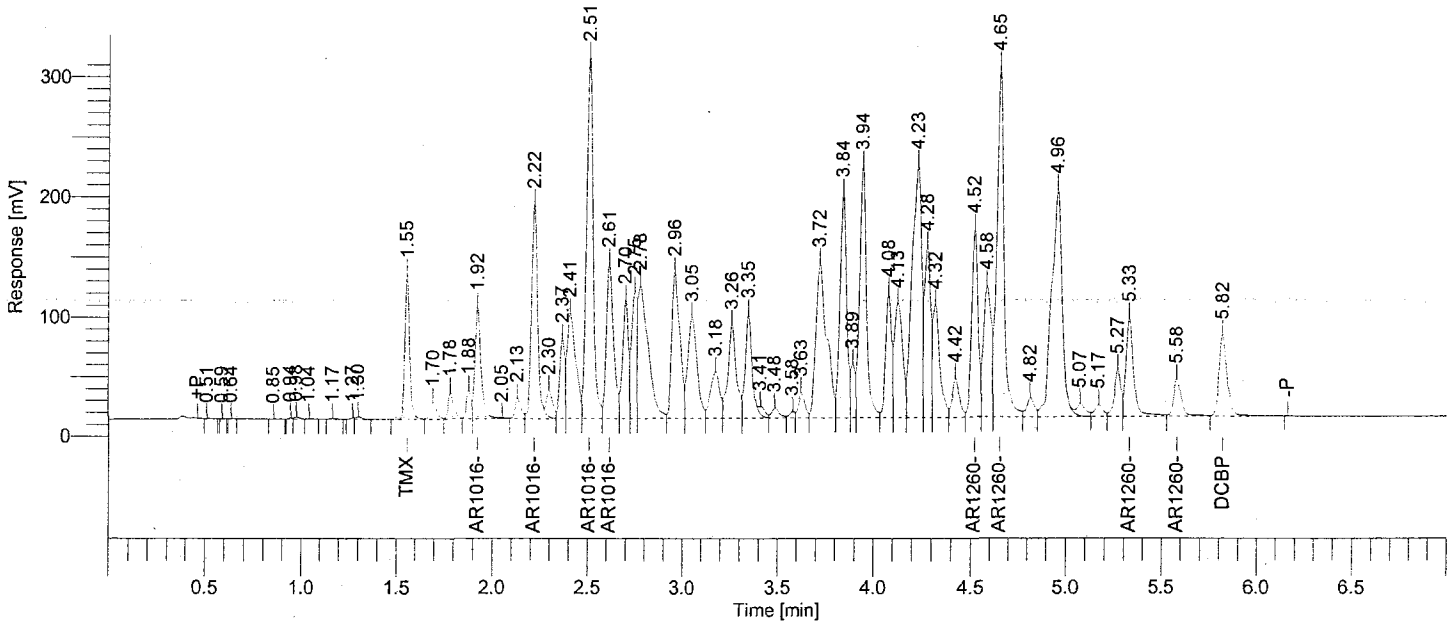
Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	28798.60	10250.37	----------	----------	1
B	0.0100	54922.48	19296.93	----------	----------	1
C	0.0200	93798.87	32279.62	----------	----------	1
D	0.0300	133623.36	45346.86	----------	----------	1
E	0.0400	165190.17	56021.30	----------	----------	1
F	0.0500	204434.46	67794.07	----------	----------	1

Average Calibration Factor = 4.769078e+06 (%RSD = 14.77)

Software Version	: 6.2.1.0.104:0104	Date	: 3/22/2006 1:54:38 PM
Reprocess Number	: buf2048: 38055		
Operator	: tchrom	Sample Name	: ICM66NC
Sample Number	: 2.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/14/2006 5:17:22 PM	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19B47021.raw <Modified>
Result File : H:\TURBO6\5890-19\19B47021.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B47021.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B47021.rst
Calib Method : h:\turbo6\5890-19\sb66(03-14-06).mth from H:\TURBO6\5890-19\19B47021.rst
Report Format File: h:\turbo6\5890-19\ssamp4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq
Sample Notes:
19 INSTRUMENT FILE for 8082 pcb



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
11	1.55	BV	214745	TMX	0.0500	-------	0
	2.51		1673861	AR1016	2.5000	0.6250	4
	4.65		1463942	AR1260	2.5000	0.6250	4
56	5.82	VB	204434	DCBP	0.0500	-------	0
			3556983			1.2500	

MAR 22 2006

3/22/2006 1:54:38 PM Result: H:\TURBO6\5890-19\19B47021.rst

Group Report For : AR1016

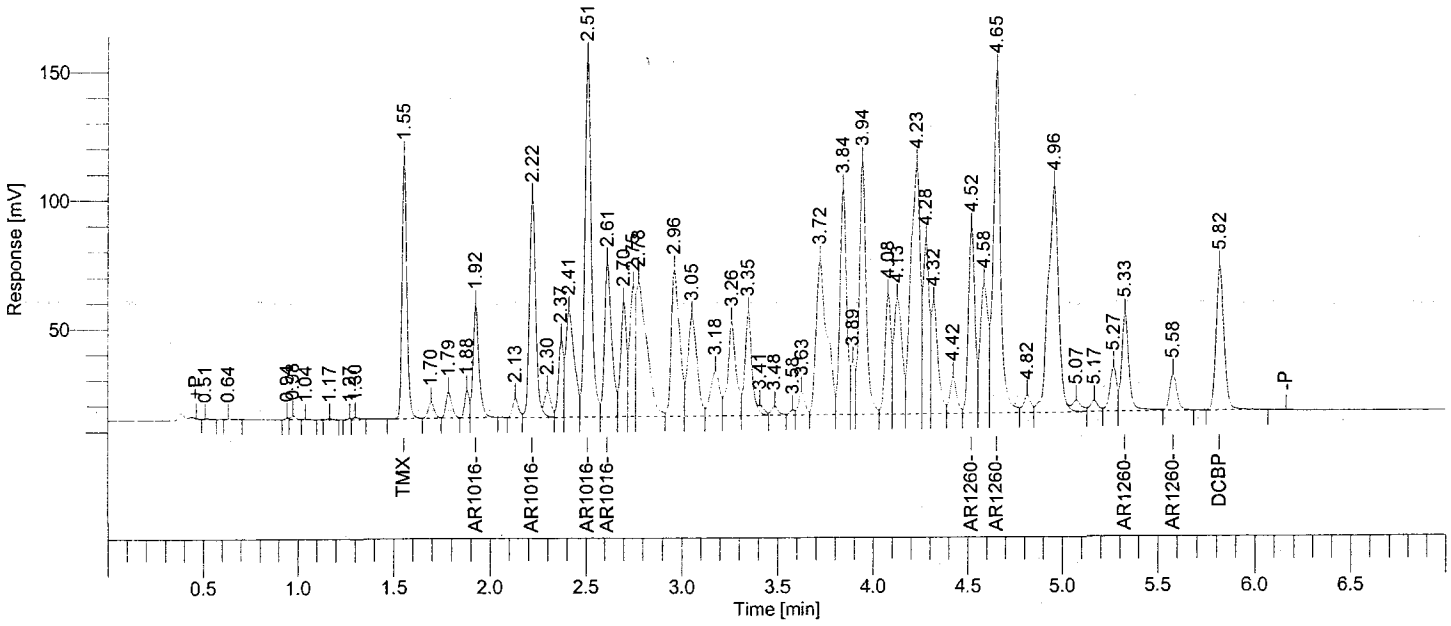
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
15	1.92	VE	201846	AR1016-A	2.5000	0.6250	4
18	2.22	VE	407532	AR1016-B	2.5000	0.6250	4
22	2.51	VV	727176	AR1016-C	2.5000	0.6250	4
23	2.61	VV	337308	AR1016-D	2.5000	0.6250	4
			1673861			2.5000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
46	4.52	VV	361388	AR1260-A	2.5000	0.6250	4
48	4.65	VV	786189	AR1260-B	2.5000	0.6250	4
54	5.33	VV	229082	AR1260-C	2.5000	0.6250	4
55	5.58	VV	87284	AR1260-D	2.5000	0.6250	4
			1463942			2.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 3/22/2006 1:54:40 PM
Reprocess Number	: buf2048: 38056		
Operator	: tchrom	Sample Name	: ICM66ND
Sample Number	: 1.0NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/14/2006 5:35:30 PM	Cycle	: 2

Raw Data File : H:\TURBO6\5890-19\19B47022.raw <Modified>
Result File : H:\TURBO6\5890-19\19B47022.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B47022.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B47022.rst
Calib Method : h:\turbo6\5890-19\sb66(03-14-06).mth from H:\TURBO6\5890-19\19B47022.rst
Report Format File: h:\turbo6\5890-19\ssamp4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq
Sample Notes:
19 INSTRUMENT FILE for 8082 pcb



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
9	1.55	BV	178878	TMX	0.0400	-------	0
	2.51		783239	AR1016	1.0000	0.2500	4
	4.65		668050	AR1260	1.0000	0.2500	4
53	5.82	VB	165190	DCBP	0.0400	-------	0
			1795357			0.5000	

MAR 22 2006

3/22/2006 1:54:40 PM Result: H:\TURBO6\5890-19\19B47022.rst

Group Report For : AR1016

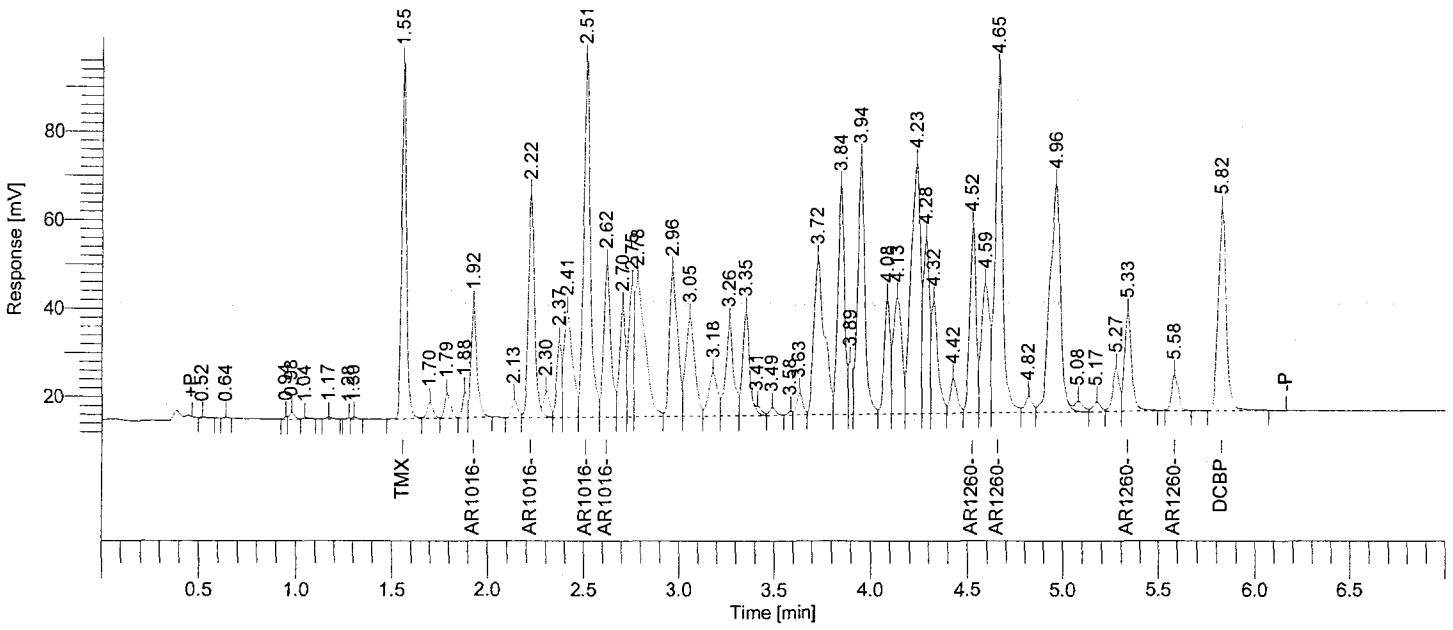
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
13	1.92	VB	92684	AR1016-A	1.0000	0.2500	4
15	2.22	VE	193390	AR1016-B	1.0000	0.2500	4
19	2.51	VV	340044	AR1016-C	1.0000	0.2500	4
20	2.61	VV	157121	AR1016-D	1.0000	0.2500	4
			783239			1.0000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
43	4.52	VV	166908	AR1260-A	1.0000	0.2500	4
45	4.65	VV	362118	AR1260-B	1.0000	0.2500	4
51	5.33	VV	102670	AR1260-C	1.0000	0.2500	4
52	5.58	VV	36355	AR1260-D	1.0000	0.2500	4
			668050			1.0000	

Software Version	: 6.2.1.0.104:0104	Date	: 3/22/2006 1:54:42 PM
Reprocess Number	: buf2048: 38057		
Operator	: tchrom	Sample Name	: ICM66NB
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/14/2006 5:53:25 PM	Cycle	: 3

Raw Data File : H:\TURBO6\5890-19\19B47023.raw <Modified>
Result File : H:\TURBO6\5890-19\19B47023.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B47023.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B47023.rst
Calib Method : h:\turbo6\5890-19\sb66(03-14-06).mth from H:\TURBO6\5890-19\19B47023.rst
Report Format File: h:\turbo6\5890-19\ssamp4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq
Sample Notes:
19 INSTRUMENT FILE for 8082 pcb



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
9	1.55	BV	141713	TMX	0.0300	-------	0
	2.51		462806	AR1016	0.5000	0.1250	4
	4.65		385870	AR1260	0.5000	0.1250	4
53	5.82	BB	133623	DCBP	0.0300	-------	0
			1124012			0.2500	

MAR 22 2006

3/22/2006 1:54:42 PM Result: H:\TURBO6\5890-19\19B47023.rst

Group Report For : AR1016

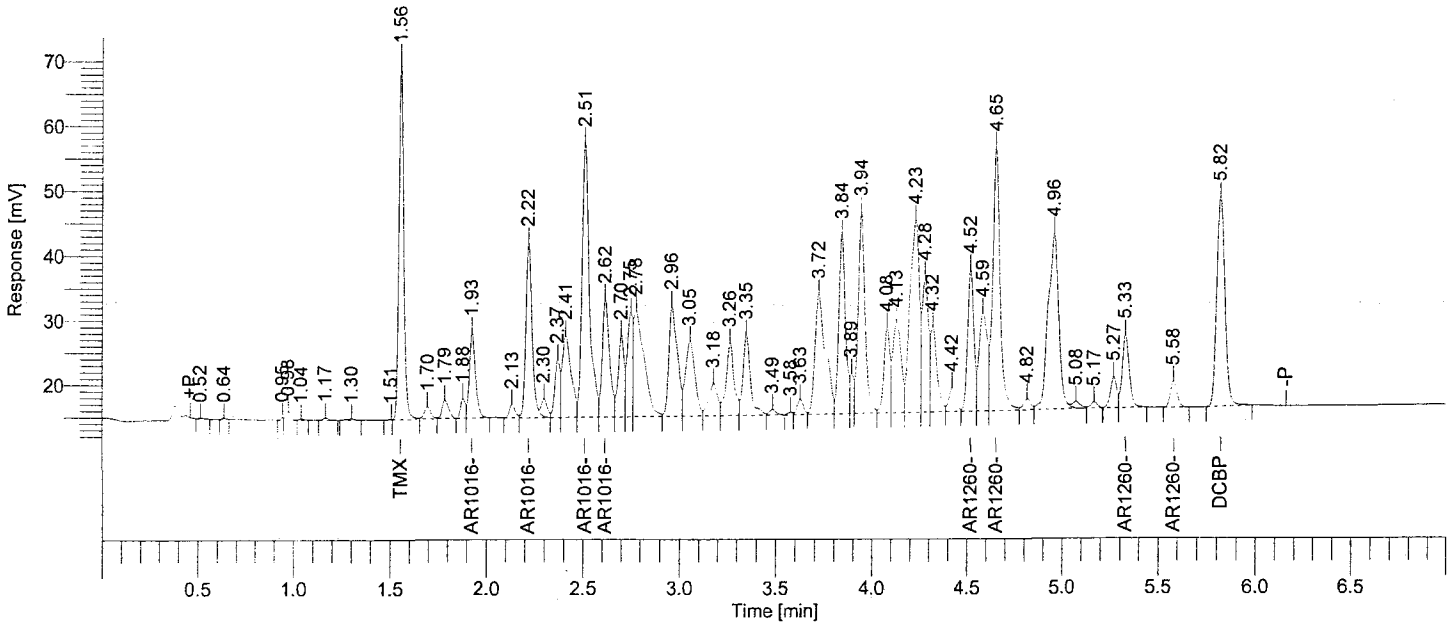
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
13	1.92	VB	53586	AR1016-A	0.5000	0.1250	4
15	2.22	VE	114767	AR1016-B	0.5000	0.1250	4
19	2.51	VV	202773	AR1016-C	0.5000	0.1250	4
20	2.62	VV	91681	AR1016-D	0.5000	0.1250	4
			462806			0.5000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
43	4.52	VV	96973	AR1260-A	0.5000	0.1250	4
45	4.65	VV	210984	AR1260-B	0.5000	0.1250	4
51	5.33	VV	58150	AR1260-C	0.5000	0.1250	4
52	5.58	VB	19763	AR1260-D	0.5000	0.1250	4
			385870			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 3/22/2006 1:54:44 PM
Reprocess Number	: buf2048: 38058		
Operator	: tchrom	Sample Name	: ICM66NE
Sample Number	: 0.25NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/14/2006 6:11:22 PM	Cycle	: 4

Raw Data File : H:\TURBO6\5890-19\19B47024.raw <Modified>
Result File : H:\TURBO6\5890-19\19B47024.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B47024.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B47024.rst
Calib Method : h:\turbo6\5890-19\sb66(03-14-06).mth from H:\TURBO6\5890-19\19B47024.rst
Report Format File: h:\turbo6\5890-19\ssamp4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq
Sample Notes:
19 INSTRUMENT FILE for 8082 pcb



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
9	1.56	VV	97539	TMX	0.0200	-------	0
	2.51		252726	AR1016	0.2500	0.0625	4
	4.65		199689	AR1260	0.2500	0.0625	4
52	5.82	BB	93799	DCBP	0.0200	-------	0
			643752			0.1250	

MAR 22 2006

3/22/2006 1:54:44 PM Result: H:\TURBO6\5890-19\19B47024.rst

Group Report For : AR1016

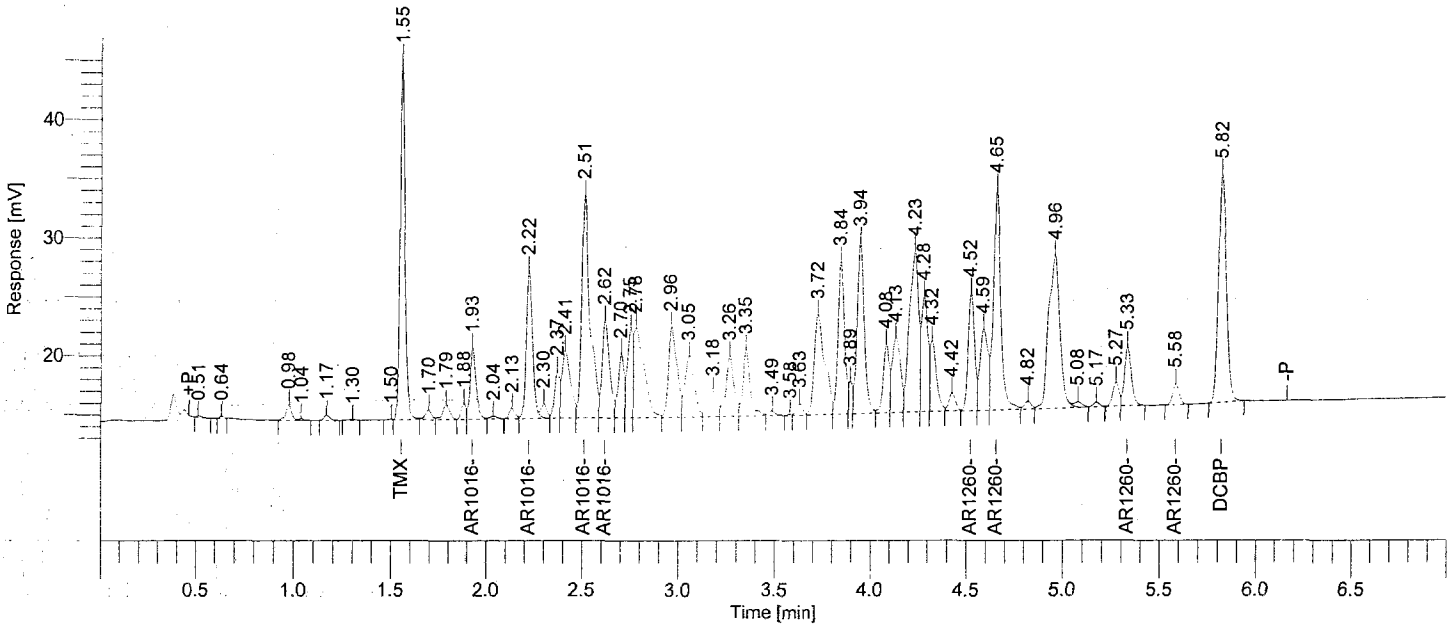
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
13	1.93	VB	28525	AR1016-A	0.2500	0.0625	4
15	2.22	VE	62073	AR1016-B	0.2500	0.0625	4
19	2.51	VV	113050	AR1016-C	0.2500	0.0625	4
20	2.62	VV	49078	AR1016-D	0.2500	0.0625	4
			252726			0.2500	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
42	4.52	VV	50949	AR1260-A	0.2500	0.0625	4
44	4.65	VV	110251	AR1260-B	0.2500	0.0625	4
50	5.33	VB	28624	AR1260-C	0.2500	0.0625	4
51	5.58	BB	9865	AR1260-D	0.2500	0.0625	4
			199689			0.2500	

Software Version	: 6.2.1.0.104:0104	Date	: 3/22/2006 1:54:46 PM
Reprocess Number	: buf2048: 38059		
Operator	: tchrom	Sample Name	: ICM66NF
Sample Number	: 0.1NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/14/2006 6:29:28 PM	Cycle	: 5

Raw Data File : H:\TURBO6\5890-19\19B47025.raw <Modified>
Result File : H:\TURBO6\5890-19\19B47025.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B47025.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B47025.rst
Calib Method : h:\turbo6\5890-19\sb66(03-14-06).mth from H:\TURBO6\5890-19\19B47025.rst
Report Format File: h:\turbo6\5890-19\ssamp4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq
Sample Notes:
19 INSTRUMENT FILE for 8082 pcb



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
8	1.55	VV	53830	TMX	0.0100	-------	0
	2.51		120694	AR1016	0.1000	0.0250	4
	4.65		90692	AR1260	0.1000	0.0250	4
52	5.82	BB	54922	DCBP	0.0100	-------	0
			320138			0.0500	

MAR 22 2006

3/22/2006 1:54:46 PM Result: H:\TURBO6\5890-19\19B47025.rst

Group Report For : AR1016

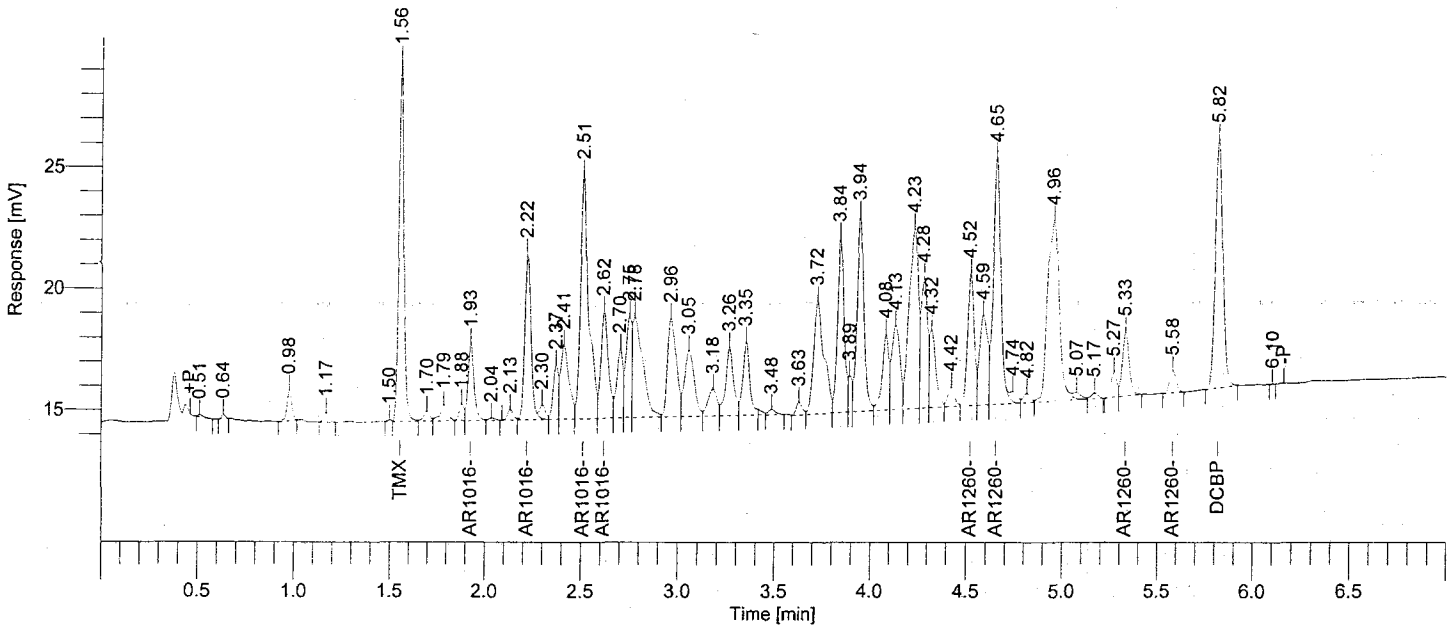
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
12	1.93	VV	13221	AR1016-A	0.1000	0.0250	4
15	2.22	VE	28764	AR1016-B	0.1000	0.0250	4
19	2.51	VV	56092	AR1016-C	0.1000	0.0250	4
20	2.62	VV	22617	AR1016-D	0.1000	0.0250	4
			120694			0.1000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
42	4.52	VV	23158	AR1260-A	0.1000	0.0250	4
44	4.65	VV	50783	AR1260-B	0.1000	0.0250	4
50	5.33	VB	12532	AR1260-C	0.1000	0.0250	4
51	5.58	BB	4219	AR1260-D	0.1000	0.0250	4
			90692			0.1000	

Software Version	: 6.2.1.0.104:0104	Date	: 3/22/2006 1:54:48 PM
Reprocess Number	: buf2048: 38060		
Operator	: tchrom	Sample Name	: ICM66NG
Sample Number	: 0.05NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/14/2006 6:47:36 PM	Cycle	: 6

Raw Data File : H:\TURBO6\5890-19\19B47026.raw <Modified>
Result File : H:\TURBO6\5890-19\19B47026.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B47026.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B47026.rst
Calib Method : h:\turbo6\5890-19\sb66(03-14-06).mth from H:\TURBO6\5890-19\19B47026.rst
Report Format File: h:\turbo6\5890-19\ssamp4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq
Sample Notes:
19 INSTRUMENT FILE for 8082 pcb



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
6	1.56	VV	26585	TMX	0.0050	-------	0
	2.51		64713	AR1016	0.0500	0.0125	4
	4.65		48455	AR1260	0.0500	0.0125	4
50	5.82	BB	28799	DCBP	0.0050	-------	0
			168551			0.0250	

MAR 22 2006

3/22/2006 1:54:48 PM Result: H:\TURBO6\5890-19\19B47026.rst

Group Report For : AR1016

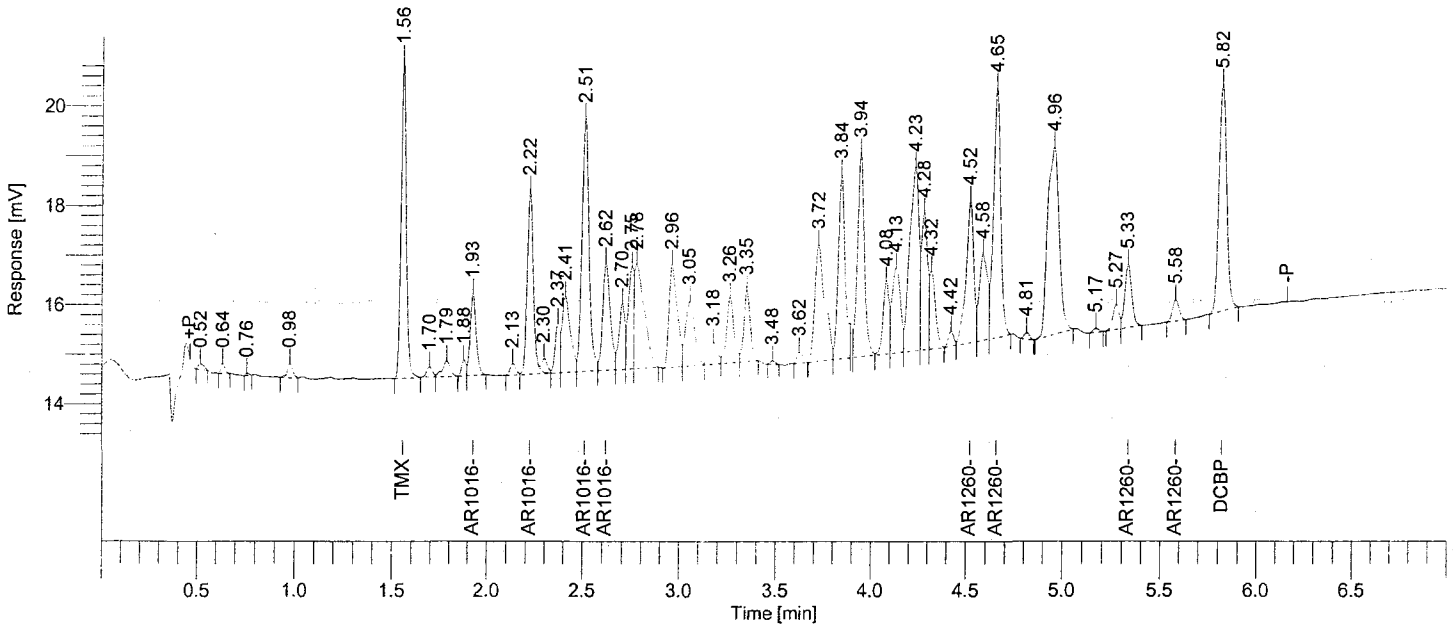
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	#PEAKS USED
10	1.93	VV	6969	AR1016-A	0.0500	0.0125	4
13	2.22	VE	15652	AR1016-B	0.0500	0.0125	4
17	2.51	VV	29978	AR1016-C	0.0500	0.0125	4
18	2.62	VV	12115	AR1016-D	0.0500	0.0125	4
			64713			0.0500	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
39	4.52	VV	12582	AR1260-A	0.0500	0.0125	4
41	4.65	VE	27239	AR1260-B	0.0500	0.0125	4
48	5.33	VB	6473	AR1260-C	0.0500	0.0125	4
49	5.58	BB	2161	AR1260-D	0.0500	0.0125	4
			48455			0.0500	

Software Version	: 6.2.1.0.104:0104	Date	: 3/22/2006 1:54:49 PM
Reprocess Number	: buf2048: 38061		
Operator	: tchrom	Sample Name	: ICM66NE
Sample Number	: 0.025NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/14/2006 7:05:31 PM	Cycle	: 7

Raw Data File : H:\TURBO6\5890-19\19B47027.raw <Modified>
Result File : H:\TURBO6\5890-19\19B47027.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B47027.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B47027.rst
Calib Method : h:\turbo6\5890-19\sb66(03-14-06).mth from H:\TURBO6\5890-19\19B47027.rst
Report Format File: h:\turbo6\5890-19\ssamp4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq
Sample Notes:
19 INSTRUMENT FILE for 8082 pcb



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
5	1.56	BV	11665	TMX	0.0023	-------	0
	2.51		30514	AR1016	0.0250	0.0063	4
	4.65		24909	AR1260	0.0250	0.0063	4
45	5.82	BB	12640	DCBP	0.0019	-------	0
			79728			0.0125	

MAR 22 2006

3/22/2006 1:54:49 PM Result: H:\TURBO6\5890-19\19B47027.rst

Group Report For : AR1016

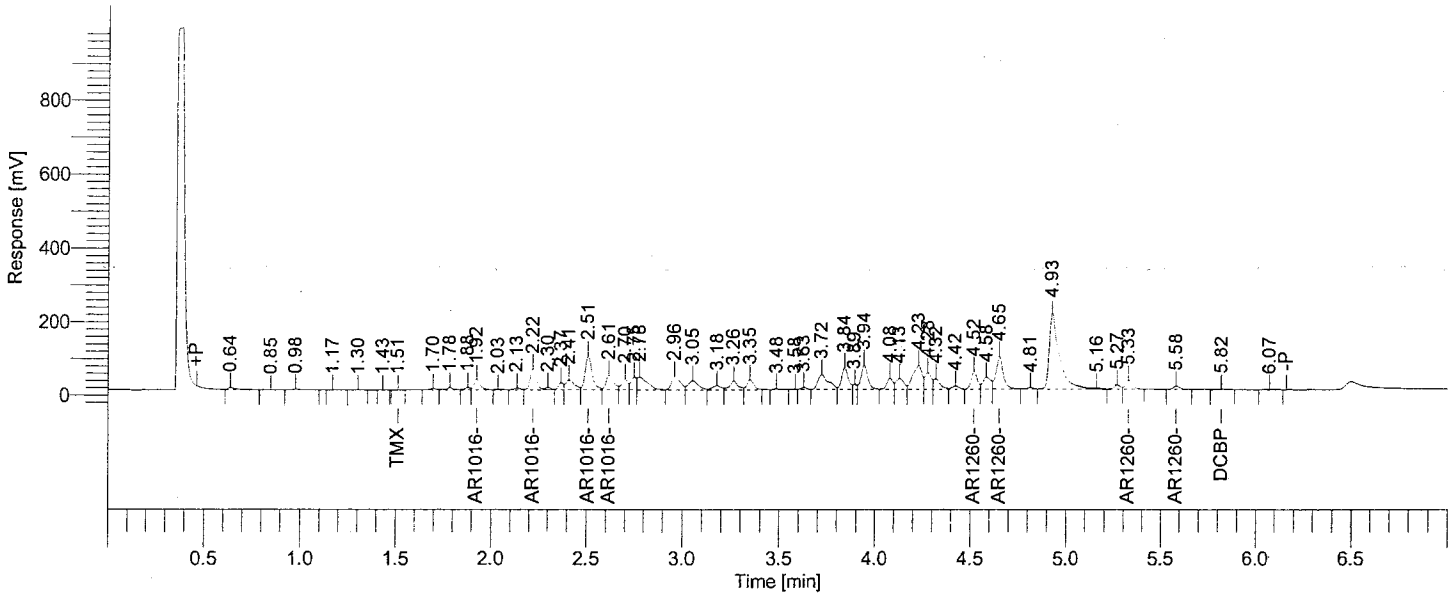
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
9	1.93	VB	3539	AR1016-A	0.0250	0.0063	4
11	2.22	VE	8432	AR1016-B	0.0250	0.0063	4
15	2.51	VV	12716	AR1016-C	0.0250	0.0063	4
16	2.62	VV	5827	AR1016-D	0.0250	0.0063	4
			30514			0.0250	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
36	4.52	VV	7829	AR1260-A	0.0250	0.0063	4
38	4.65	VB	12905	AR1260-B	0.0250	0.0063	4
43	5.33	VB	3155	AR1260-C	0.0250	0.0063	4
44	5.58	BB	1020	AR1260-D	0.0250	0.0063	4
			24909			0.0250	

Software Version	: 6.2.1.0.104:0104	Date	: 3/22/2006 1:58:23 PM
Reprocess Number	: buf2048: 38062		
Operator	: tchrom	Sample Name	: ACM66FA
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/14/2006 7:23:28 PM	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19B47028.raw <Modified>
Result File : H:\TURBO6\5890-19\19B47028.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B47028.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B47028.rst
Calib Method : h:\turbo6\5890-19\sb66(03-14-06).mth from H:\TURBO6\5890-19\19B47028.rst
Report Format File: h:\turbo6\default\acm-%d4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq
Sample Notes:
19 INSTRUMENT FILE for 8082 pcb



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.51		530709	AR1016	0.6220	8.5325e+05	1.0614e+06	3.7
4.65		430781	AR1260	0.5997	7.1833e+05	8.6156e+05	-0.1
		961490		1.2217		1.9230e+06	

MAR 22 2006

3/22/2006 1:58:23 PM Result: H:\TURBO6\5890-19\19B47028.rst

Group Report For : AR1016

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.92	VV	63927	AR1016-A	0.6433	99380.6951	1.2785e+05	7.2
2.22	VE	130512	AR1016-B	0.6180	2.1119e+05	2.6102e+05	3.0
2.51	VV	229347	AR1016-C	0.6147	3.7313e+05	4.5869e+05	2.4
2.61	VV	106923	AR1016-D	0.6301	1.6969e+05	2.1385e+05	5.0
		530709		2.5060		1.0614e+06	

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
4.52	VV	109527	AR1260-A	0.6081	1.8011e+05	2.1905e+05	1.4
4.65	VV	237682	AR1260-B	0.6079	3.9097e+05	4.7536e+05	1.3
5.33	VB	61589	AR1260-C	0.5637	1.0927e+05	1.2318e+05	-6.1
5.58	BB	21982	AR1260-D	0.5830	37702.5462	43963.5185	-2.8
		430781		2.3627		8.6156e+05	

6A

PCB SINGLE POINT CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo

Instrument: HP5890-19 B Date(s) Analyzed:

Column: ZB-5 3/14/2006 to 3/14/2006

	LEVEL (ng/ul)					
COMPOUND	0.5					
		Calibration Factor		File ID:	Date	Time
	Area					
AR1221	150778		301556	H:\TURBO6\5890-19\19B47011.raw	3/14/2006	14:16
AR1232	97995		195990	H:\TURBO6\5890-19\19B47013.raw	3/14/2006	14:52
AR1242	370970		741940	H:\TURBO6\5890-19\19B47015.raw	3/14/2006	15:28
AR1248	465178		930356	H:\TURBO6\5890-19\19B47017.raw	3/14/2006	16:05
AR1254	754930		1509860	H:\TURBO6\5890-19\19B47019.raw	3/14/2006	16:41

3/31/6

FORM VIA PCB

155/1091

6B

PCB INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo

Instrument: HP5890-19 B Date(s) Analyzed:

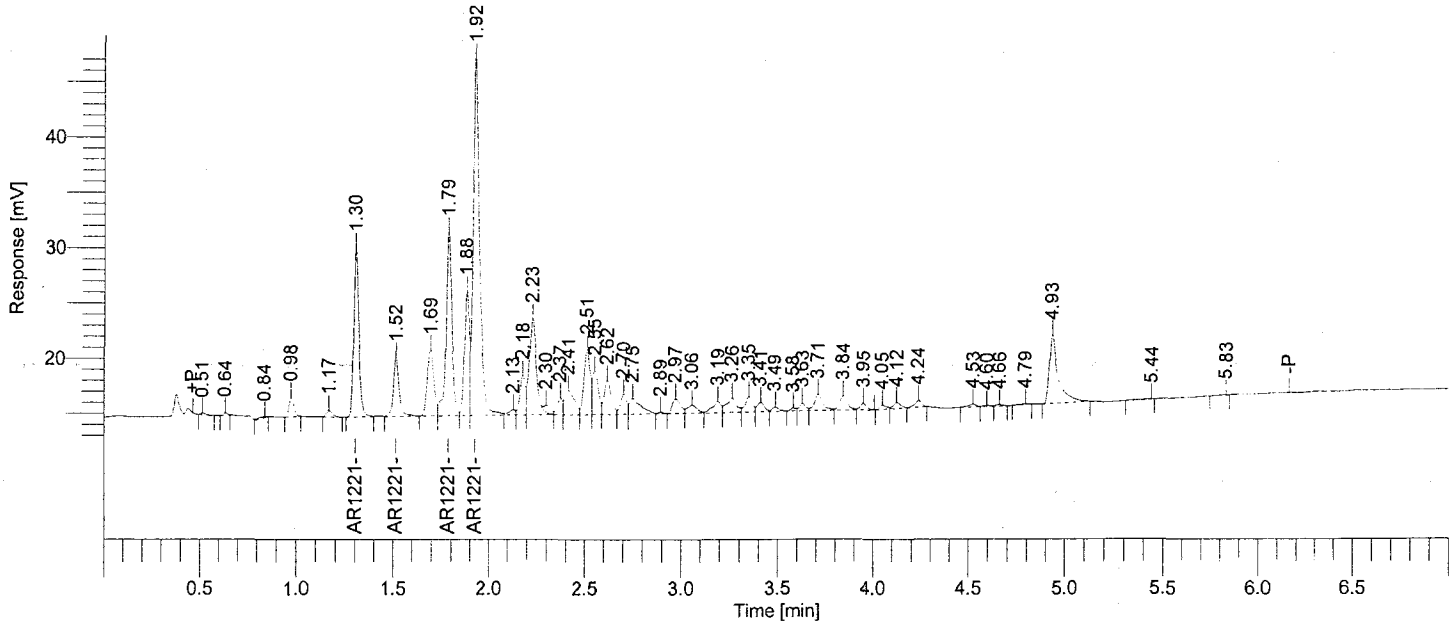
Column: ZB-5 3/14/2006 to 3/14/2006

			INITIAL	WINDOW
COMPOUND	Retention Time	WINDOW (+/-)	From	To
AR1221-A	1.30	0.08	1.22	1.38
AR1221-B	1.52	0.08	1.44	1.60
AR1221-C	1.79	0.08	1.71	1.87
AR1221-D	1.92	0.08	1.84	2.00
AR1232-A	1.52	0.08	1.44	1.60
AR1232-B	1.70	0.08	1.62	1.78
AR1232-C	1.79	0.08	1.71	1.87
AR1232-D	2.22	0.08	2.14	2.30
AR1242-A	1.92	0.08	1.84	2.00
AR1242-B	2.22	0.08	2.14	2.30
AR1242-C	2.51	0.08	2.43	2.59
AR1242-D	2.61	0.08	2.53	2.69
AR1248-A	2.96	0.08	2.88	3.04
AR1248-B	3.05	0.08	2.97	3.13
AR1248-C	3.19	0.08	3.11	3.27
AR1248-D	3.41	0.08	3.33	3.49
AR1254-A	3.70	0.08	3.62	3.78
AR1254-B	3.83	0.08	3.75	3.91
AR1254-C	4.12	0.08	4.04	4.20
AR1254-D	4.23	0.08	4.15	4.31

MAR 30 2006

Software Version	: 6.2.1.0.104:0104	Date	: 3/22/2006 1:46:09 PM
Reprocess Number	: buf2048: 38035		
Operator	: tchrom	Sample Name	: ICM21SA
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/14/2006 2:16:34 PM	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19B47011.raw <Modified>
Result File : H:\TURBO6\5890-19\19B47011.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B47011.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B47011.rst
Calib Method : h:\turbo6\5890-19\sb21(03-14-06).mth from H:\TURBO6\5890-19\19B47011.rst
Report Format File: h:\turbo6\5890-19\ssamp4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
	1.92		150778	AR1221	0.5000	0.1250	4
			150778			0.1250	

Processed by: MAR 22 2006

Reviewed by: 3/23/06

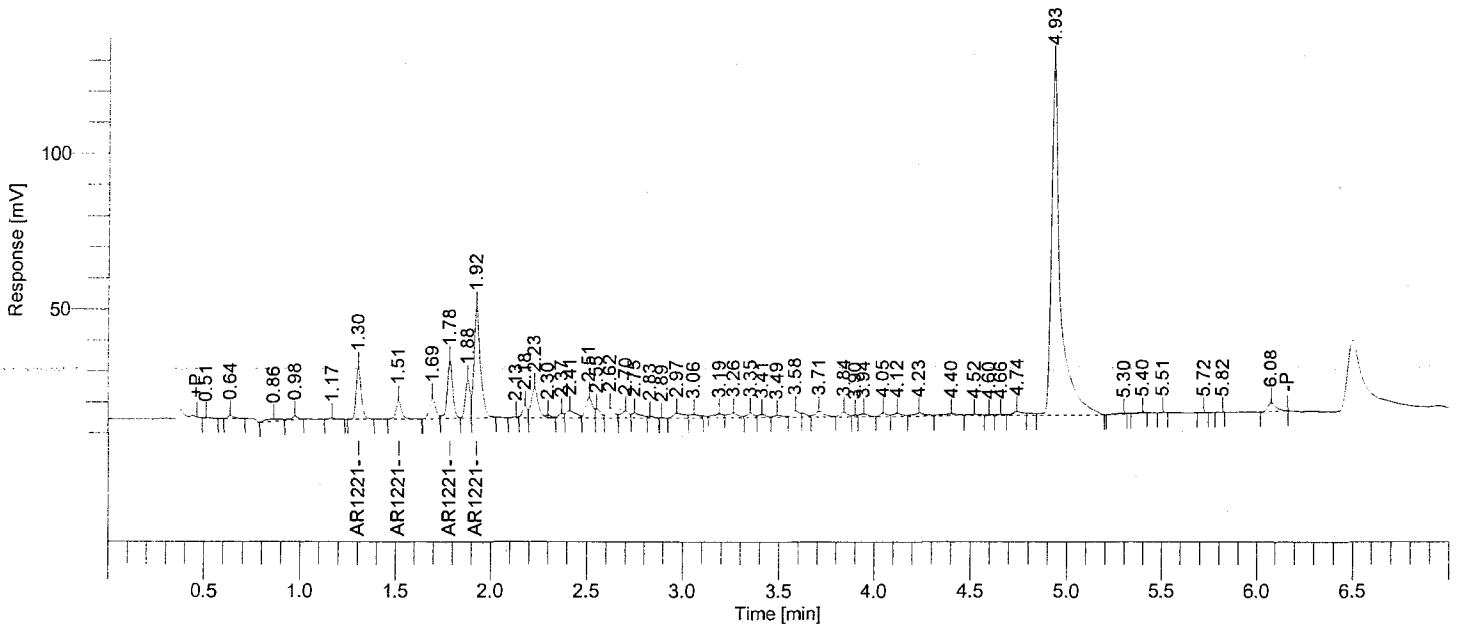
3/22/2006 1:46:09 PM Result: H:\TURBO6\5890-19\19B47011.rst

Group Report For : AR1221

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
6	1.30	BV	28131	AR1221-A	0.5000	0.1250	4
7	1.52	VV	11342	AR1221-B	0.5000	0.1250	4
9	1.79	VV	34552	AR1221-C	0.5000	0.1250	4
11	1.92	VV	76752	AR1221-D	0.5000	0.1250	4
			150778			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 3/22/2006 1:46:12 PM
Reprocess Number	: buf2048: 38036		
Operator	: tchrom	Sample Name	: ACM21QA
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/14/2006 2:34:44 PM	Cycle	: 2

Raw Data File : H:\TURBO6\5890-19\19B47012.raw <Modified>
Result File : H:\TURBO6\5890-19\19B47012.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B47012.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B47012.rst
Calib Method : h:\turbo6\5890-19\sb21(03-14-06).mth from H:\TURBO6\5890-19\19B47012.rst
Report Format File: h:\turbo6\default\acm-%d4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.92		161776	AR1221	0.5365	3.0156e+05	3.2355e+05	-10.6
		161776		0.5365		3.2355e+05	

MAR 22 2006

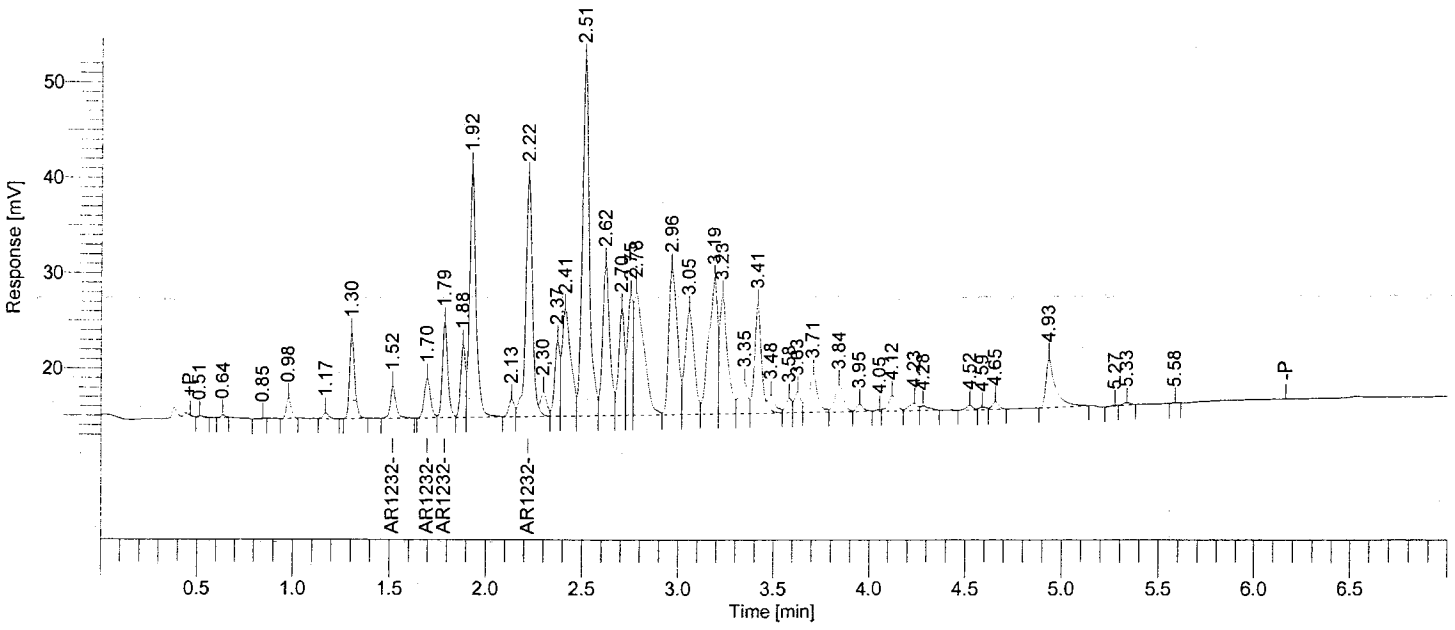
3/22/2006 1:46:12 PM Result: H:\TURBO6\5890-19\19B47012.rst

Group Report For : AR1221

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.30	BV	30774	AR1221-A	0.5470	56262.2403	61547.3009	-8.8
1.51	VB	12303	AR1221-B	0.5423	22684.7644	24605.8961	-9.6
1.78	VV	36366	AR1221-C	0.5263	69104.7697	72732.9893	-12.3
1.92	VB	82333	AR1221-D	0.5364	1.5350e+05	1.6467e+05	-10.6
		161776		2.1519		3.2355e+05	

Software Version	: 6.2.1.0.104:0104	Date	: 3/22/2006 1:53:27 PM
Reprocess Number	: buf2048: 38053		
Operator	: tchrom	Sample Name	: ICM32HA
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/14/2006 2:52:41 PM	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19B47013.raw <Modified>
Result File : H:\TURBO6\5890-19\19B47013.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B47013.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B47013.rst
Calib Method : h:\turbo6\5890-19\sb32(03-14-06).mth from H:\TURBO6\5890-19\19B47013.rst
Report Format File: h:\turbo6\5890-19\ssamp4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq
Sample Notes:
19 INSTRUMENT FILE for 8082 pcb



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
	2.22		97995	AR1232	0.5000	0.1250	4
			97995			0.1250	

Processed by: [signature] MAR 22 2006

Reviewed by: [signature] 3/23/06

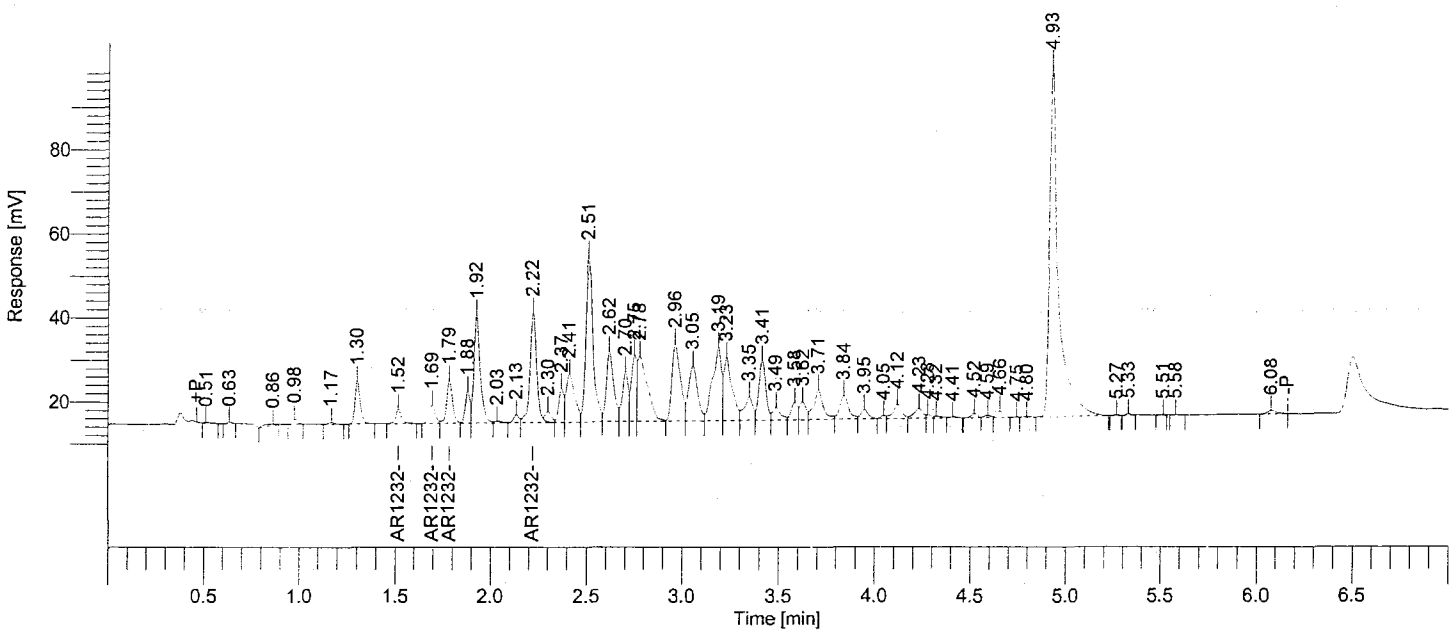
3/22/2006 1:53:27 PM Result: H:\TURBO6\5890-19\19B47013.rst

Group Report For : AR1232

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
7	1.52	BB	7049	AR1232-A	0.5000	0.1250	4
8	1.70	BV	9563	AR1232-B	0.5000	0.1250	4
9	1.79	VV	19373	AR1232-C	0.5000	0.1250	4
13	2.22	VE	62010	AR1232-D	0.5000	0.1250	4
			97995			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 3/22/2006 1:53:28 PM
Reprocess Number	: buf2048: 38054		
Operator	: tchrom	Sample Name	: ACM32CA
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/14/2006 3:10:50 PM	Cycle	: 2

Raw Data File : H:\TURBO6\5890-19\19B47014.raw <Modified>
Result File : H:\TURBO6\5890-19\19B47014.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B47014.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B47014.rst
Calib Method : h:\turbo6\5890-19\sb32(03-14-06).mth from H:\TURBO6\5890-19\19B47014.rst
Report Format File: h:\turbo6\default\acm-%d4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq
Sample Notes:
19 INSTRUMENT FILE for 8082 pcb



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.22		101150	AR1232	0.5161	1.9599e+05	2.0230e+05	-14.0
		101150		0.5161		2.0230e+05	

MAR 22 2006

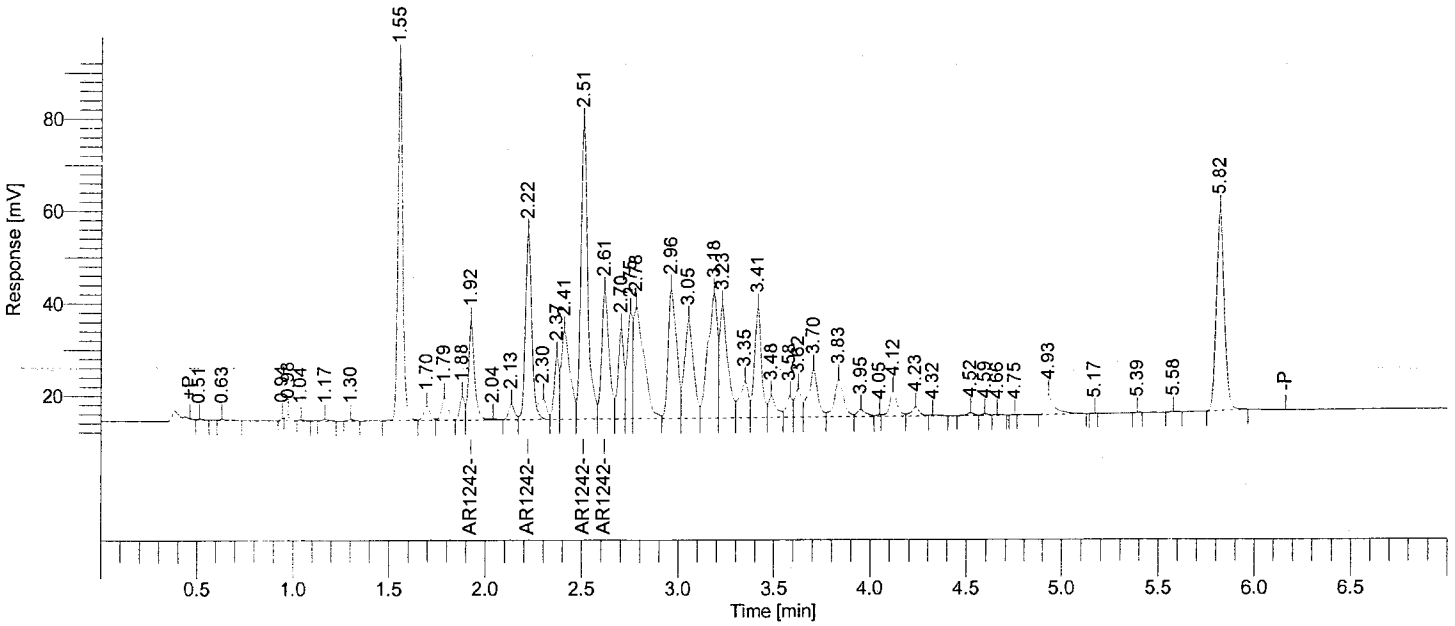
3/22/2006 1:53:28 PM Result: H:\TURBO6\5890-19\19B47014.rst

Group Report For : AR1232

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.52	BB	7019	AR1232-A	0.4978	14098.7640	14037.9815	-17.0
1.69	BV	10151	AR1232-B	0.5307	19126.4432	20301.2750	-11.5
1.79	VV	20684	AR1232-C	0.5338	38745.2601	41368.2035	-11.0
2.22	VE	63296	AR1232-D	0.5104	1.2402e+05	1.2659e+05	-14.9
		101150		2.0728		2.0230e+05	

Software Version	: 6.2.1.0.104:0104	Date	: 3/22/2006 1:46:20 PM
Reprocess Number	: buf2048: 38039		
Operator	: tchrom	Sample Name	: ICM42TA
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/14/2006 3:28:58 PM	Cycle	: 5

Raw Data File : H:\TURBO6\5890-19\19B47015.raw <Modified>
Result File : H:\TURBO6\5890-19\19B47015.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B47015.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B47015.rst
Calib Method : h:\turbo6\5890-19\sb42(03-14-06).mth from H:\TURBO6\5890-19\19B47015.rst
Report Format File: h:\turbo6\5890-19\ssamp4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
	2.51		370970	AR1242	0.5000	0.1250	4
			370970			0.1250	

Processed by: [signature] MAR 22 2006
Reviewed by: [signature] 3/23/06

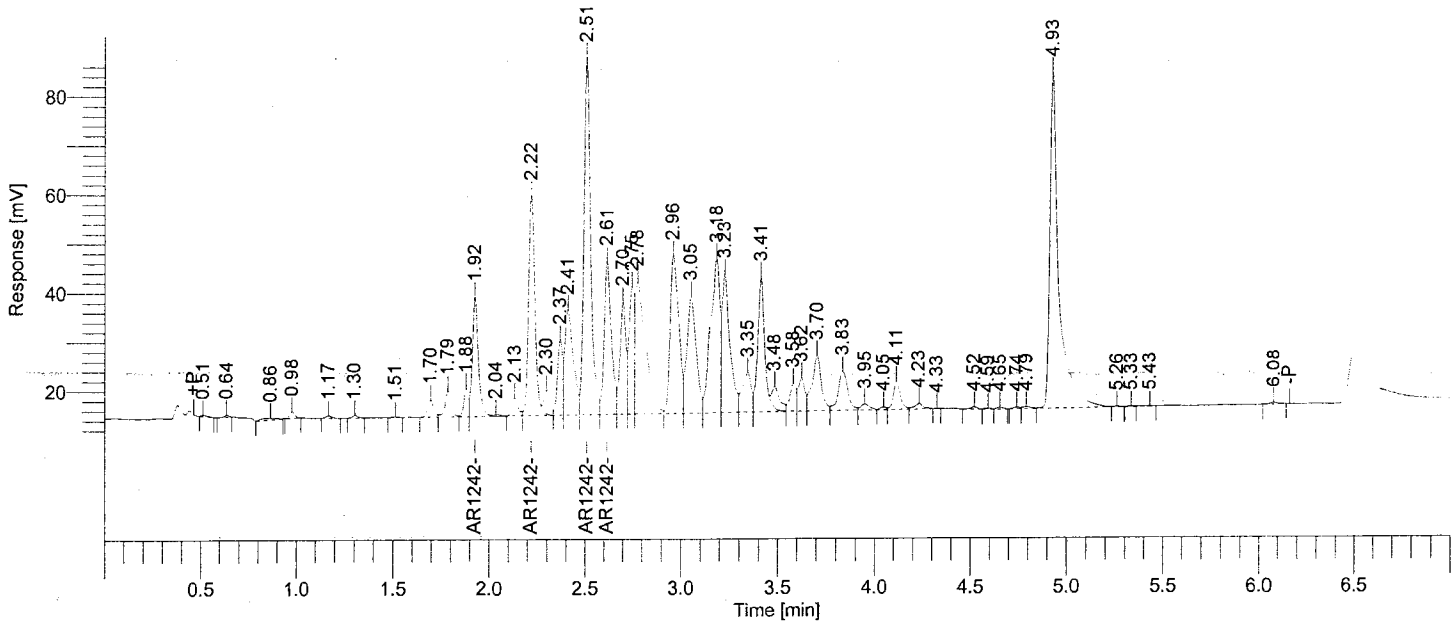
3/22/2006 1:46:20 PM Result: H:\TURBO6\5890-19\19B47015.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
12	1.92	VE	45867	AR1242-A	0.5000	0.1250	4
15	2.22	VE	91260	AR1242-B	0.5000	0.1250	4
19	2.51	VV	161655	AR1242-C	0.5000	0.1250	4
20	2.61	VV	72189	AR1242-D	0.5000	0.1250	4
			370970			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 3/22/2006 1:46:22 PM
Reprocess Number	: buf2048: 38040		
Operator	: tchrom	Sample Name	: ACM42PA
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/14/2006 3:47:07 PM	Cycle	: 6

Raw Data File : H:\TURBO6\5890-19\19B47016.raw <Modified>
Result File : H:\TURBO6\5890-19\19B47016.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B47016.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B47016.rst
Calib Method : h:\turbo6\5890-19\sb42(03-14-06).mth from H:\TURBO6\5890-19\19B47016.rst
Report Format File: h:\turbo6\default\acm-%d4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.51		414089	AR1242	0.5581	7.4194e+05	8.2818e+05	-7.0
		414089		0.5581		8.2818e+05	

MAR 22 2006

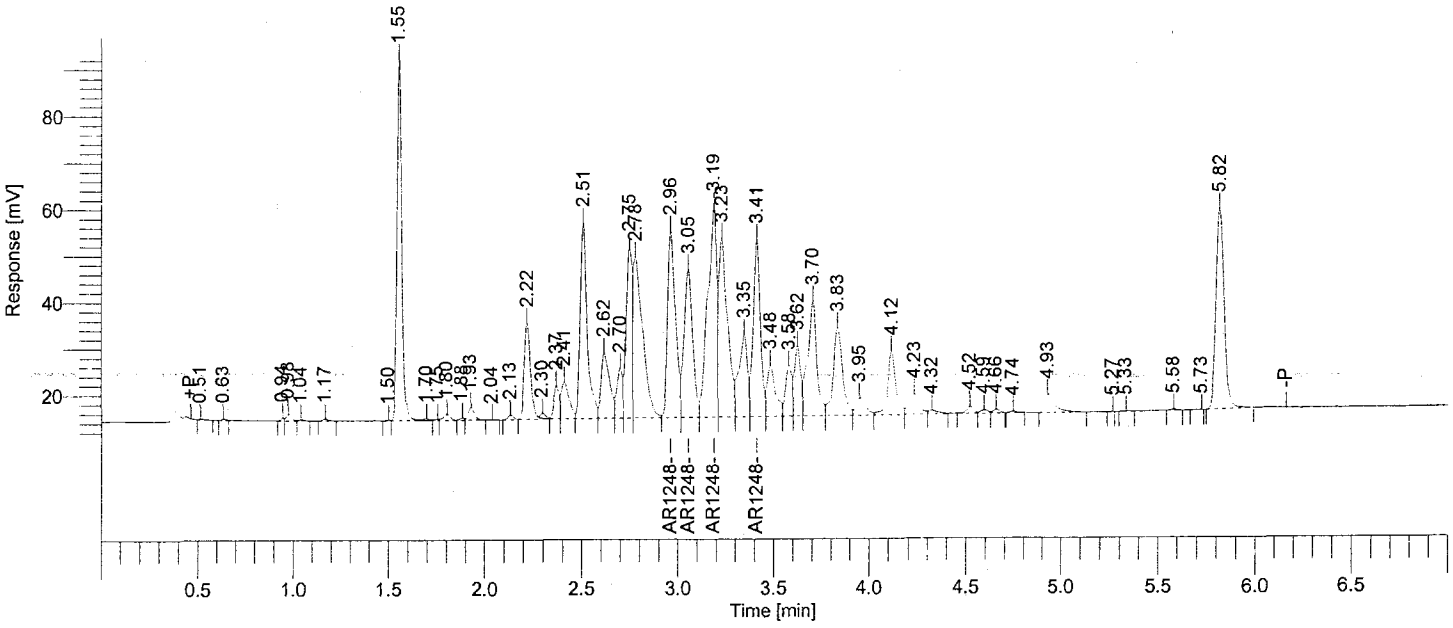
3/22/2006 1:46:22 PM Result: H:\TURBO6\5890-19\19B47016.rst

Group Report For : AR1242

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.92	VE	52284	AR1242-A	0.5700	91733.7274	1.0457e+05	-5.0
2.22	VE	101602	AR1242-B	0.5567	1.8252e+05	2.0320e+05	-7.2
2.51	VV	178818	AR1242-C	0.5531	3.2331e+05	3.5764e+05	-7.8
2.61	VV	81385	AR1242-D	0.5637	1.4438e+05	1.6277e+05	-6.1
		414089		2.2434		8.2818e+05	

Software Version	: 6.2.1.0.104:0104	Date	: 3/22/2006 1:46:24 PM
Reprocess Number	: buf2048: 38041		
Operator	: tchrom	Sample Name	: ICM48SA
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/14/2006 4:05:14 PM	Cycle	: 7

Raw Data File : H:\TURBO6\5890-19\19B47017.raw <Modified>
Result File : H:\TURBO6\5890-19\19B47017.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B47017.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B47017.rst
Calib Method : h:\turbo6\5890-19\sb48(03-14-06).mth from H:\TURBO6\5890-19\19B47017.rst
Report Format File: h:\turbo6\5890-19\ssamp4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
	3.19		465178	AR1248	0.5000	0.1250	4
			465178			0.1250	

Processed by: MAR 22 2006
Reviewed by: 3/23/06

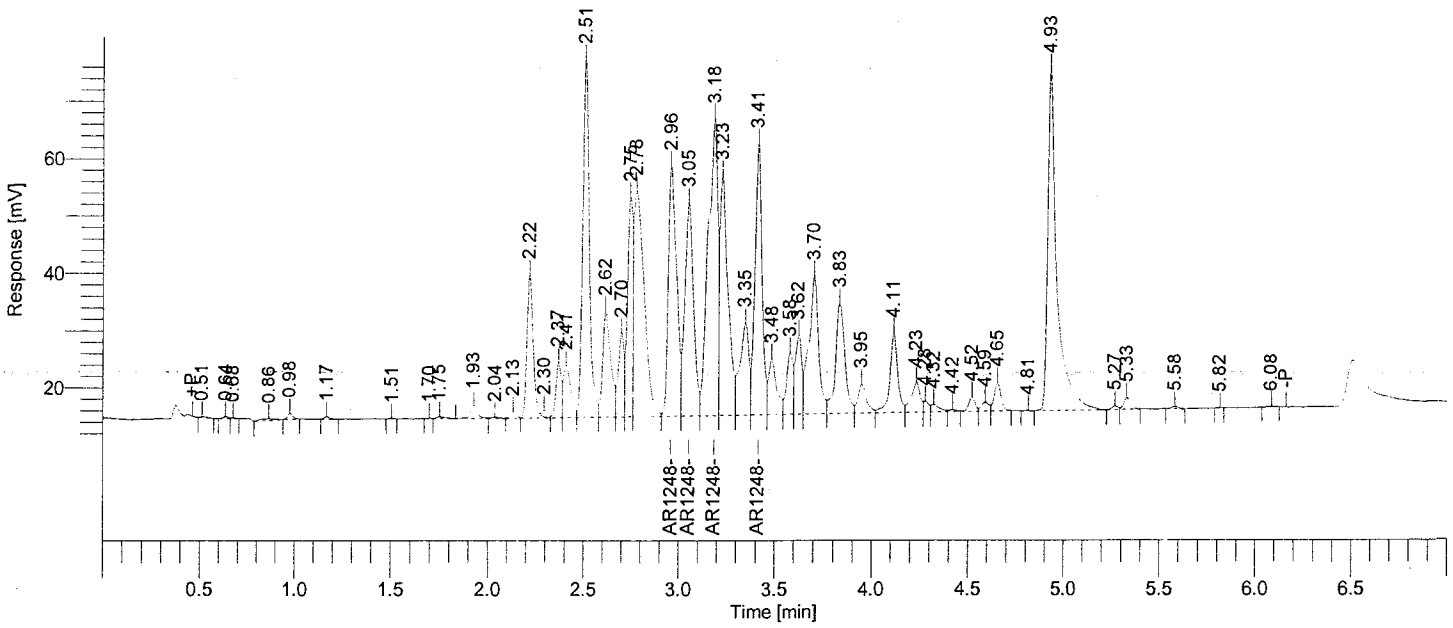
3/22/2006 1:46:24 PM Result: H:\TURBO6\5890-19\19B47017.rst

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
25	2.96	VV	115330	AR1248-A	0.5000	0.1250	4
26	3.05	VV	100239	AR1248-B	0.5000	0.1250	4
27	3.19	VV	148749	AR1248-C	0.5000	0.1250	4
30	3.41	VV	100860	AR1248-D	0.5000	0.1250	4
			465178			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 3/22/2006 1:46:26 PM
Reprocess Number	: buf2048: 38042		
Operator	: tchrom	Sample Name	: ACM48NA
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/14/2006 4:23:12 PM	Cycle	: 8

Raw Data File : H:\TURBO6\5890-19\19B47018.raw <Modified>
Result File : H:\TURBO6\5890-19\19B47018.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B47018.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B47018.rst
Calib Method : h:\turbo6\5890-19\sb48(03-14-06).mth from H:\TURBO6\5890-19\19B47018.rst
Report Format File: h:\turbo6\default\acm-%d4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.18		550097	AR1248	0.5913	9.3036e+05	1.1002e+06	-1.5
		550097		0.5913		1.1002e+06	

MAR 22 2006

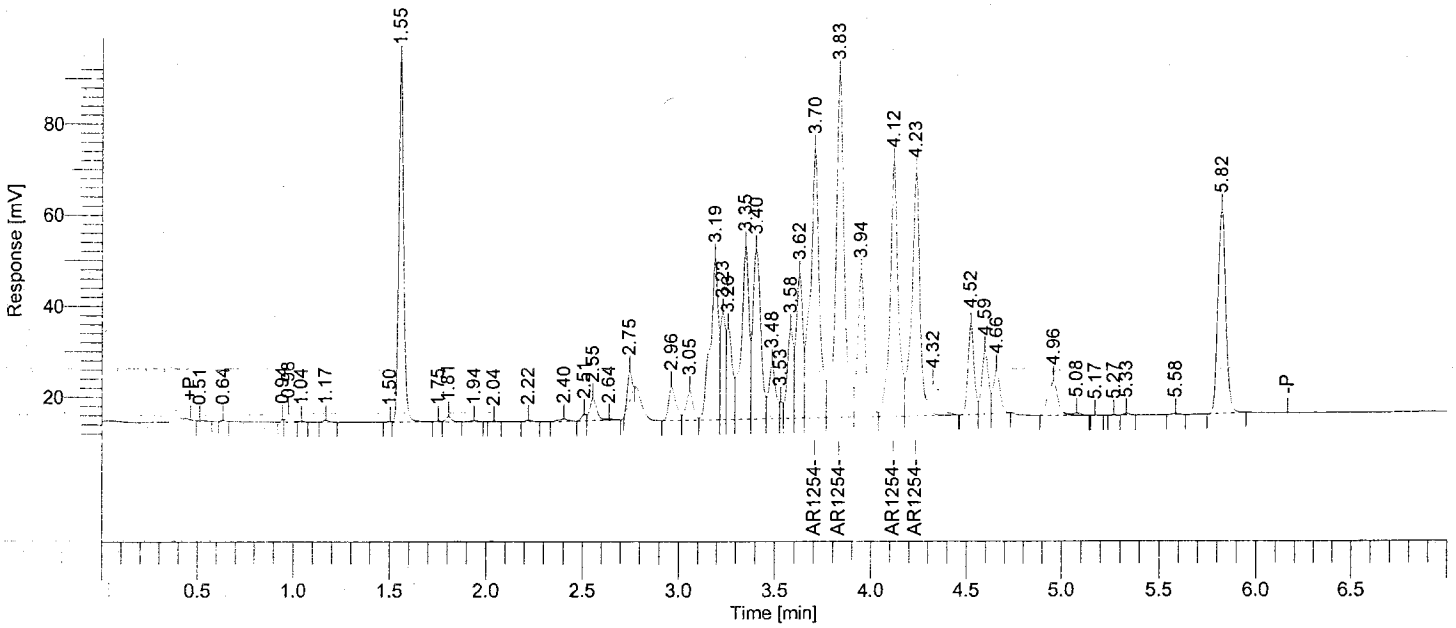
3/22/2006 1:46:26 PM Result: H:\TURBO6\5890-19\19B47018.rst

Group Report For : AR1248

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.96	VV	128747	AR1248-A	0.5582	2.3066e+05	2.5749e+05	-7.0
3.05	VV	118256	AR1248-B	0.5899	2.0048e+05	2.3651e+05	-1.7
3.18	VV	180005	AR1248-C	0.6051	2.9750e+05	3.6001e+05	0.8
3.41	VV	123089	AR1248-D	0.6102	2.0172e+05	2.4618e+05	1.7
		550097		2.3633		1.1002e+06	

Software Version	: 6.2.1.0.104:0104	Date	: 3/22/2006 1:46:29 PM
Reprocess Number	: buf2048: 38043		
Operator	: tchrom	Sample Name	: ICM54VA
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/14/2006 4:41:07 PM	Cycle	: 9

Raw Data File : H:\TURBO6\5890-19\19B47019.raw <Modified>
Result File : H:\TURBO6\5890-19\19B47019.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B47019.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B47019.rst
Calib Method : h:\turbo6\5890-19\sb54(03-14-06).mth from H:\TURBO6\5890-19\19B47019.rst
Report Format File: h:\turbo6\5890-19\ssamp4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
	3.83		754930	AR1254	0.5000	0.1250	4
			754930			0.1250	

Processed by: [signature] Mon 3/27/2006

Reviewed by: GMD 3/23/06

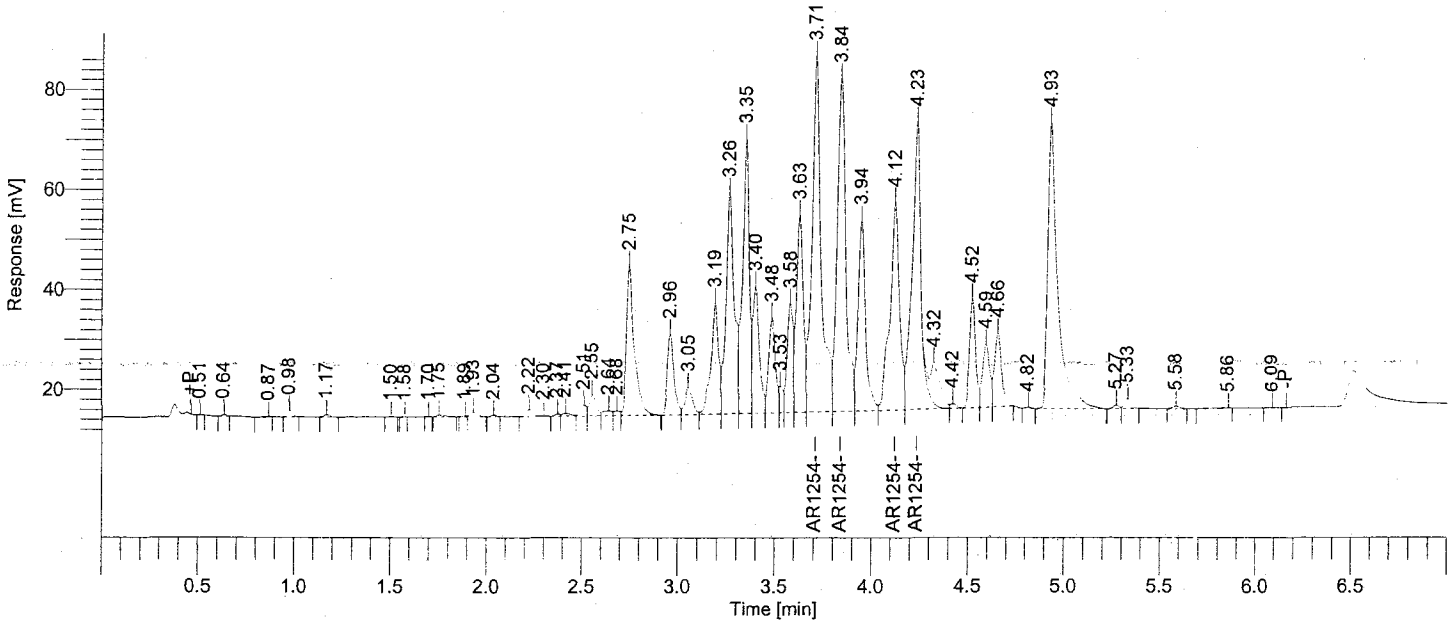
3/22/2006 1:46:29 PM Result: H:\TURBO6\5890-19\19B47019.rst

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
30	3.70	VV	192947	AR1254-A	0.5000	0.1250	4
31	3.83	VV	235472	AR1254-B	0.5000	0.1250	4
33	4.12	VV	166917	AR1254-C	0.5000	0.1250	4
34	4.23	VE	159594	AR1254-D	0.5000	0.1250	4
			754930			0.5000	

Software Version	: 6.2.1.0.104:0104	Date	: 3/22/2006 1:46:31 PM
Reprocess Number	: buf2048: 38044		
Operator	: tchrom	Sample Name	: ACM54SA
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/14/2006 4:59:16 PM	Cycle	: 10

Raw Data File : H:\TURBO6\5890-19\19B47020.raw <Modified>
Result File : H:\TURBO6\5890-19\19B47020.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B47020.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B47020.rst
Calib Method : h:\turbo6\5890-19\sb54(03-14-06).mth from H:\TURBO6\5890-19\19B47020.rst
Report Format File: h:\turbo6\default\acm-%d4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq



2nd Source Check

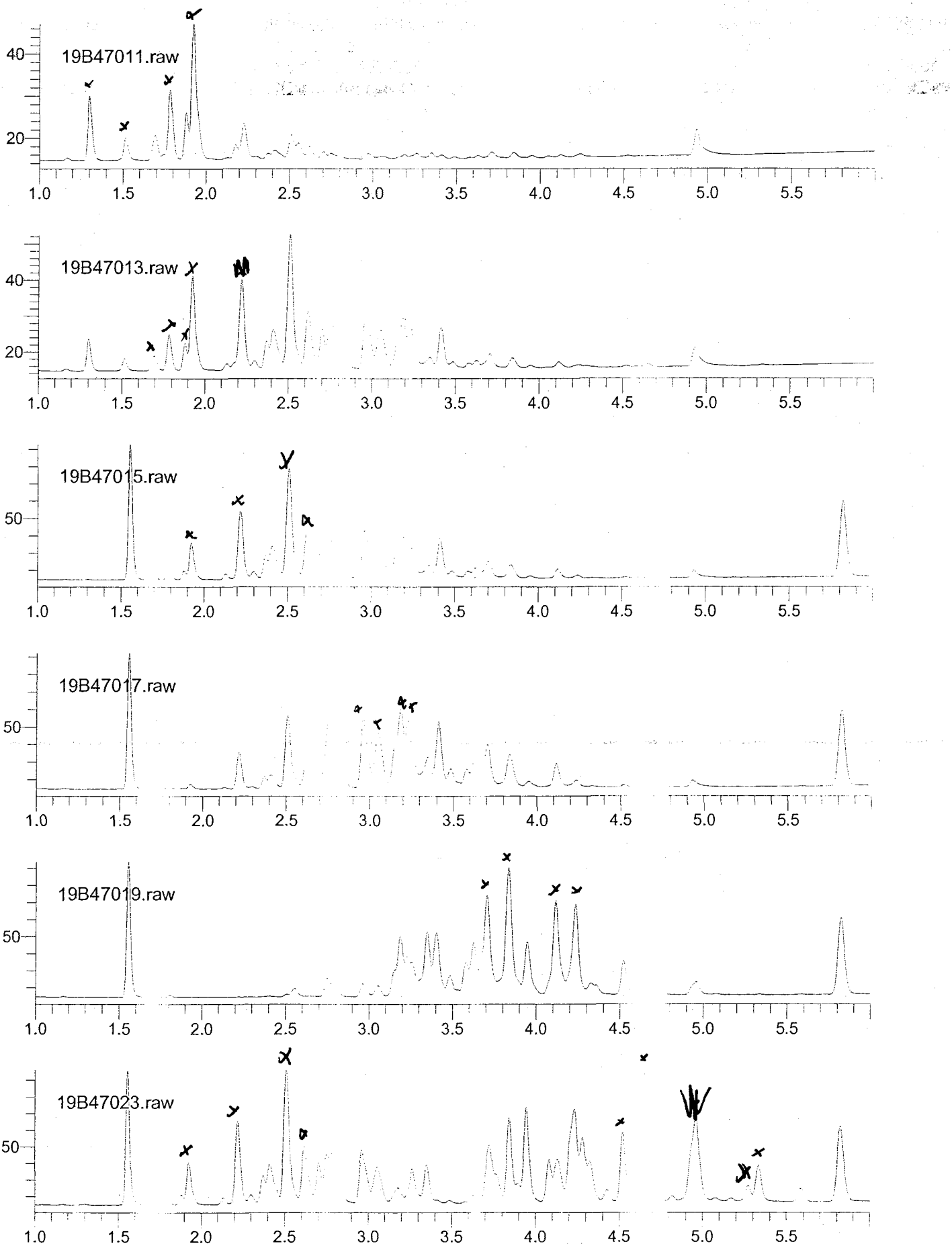
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.71		773578	AR1254	0.5124	1.5099e+06	1.5472e+06	-14.6
		773578		0.5124		1.5472e+06	

MAR 22 2006

3/22/2006 1:46:31 PM Result: H:\TURBO6\5890-19\19B47020.rst

Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.71	VV	234961	AR1254-A	0.6089	3.8589e+05	4.6992e+05	1.5
3.84	VV	205006	AR1254-B	0.4353	4.7094e+05	4.1001e+05	-27.4
4.12	VV	143858	AR1254-C	0.4309	3.3383e+05	2.8772e+05	-28.2
4.23	VE	189754	AR1254-D	0.5945	3.1919e+05	3.7951e+05	-0.9
		773578		2.0696		1.5472e+06	


19B47011.raw
19B47013.raw
19B47015.raw
19B47017.raw
19B47019.raw
19B47023.raw
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5
5.0
5.5

7A

CONFIRMATION COLUMN

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 A ICAL Date(s) Analyzed:

Column: ZB-35 03/14/2006 to: 03/14/2006

CCV ID: ICM66NH Date/Time: 03/27/2006 10:02

FILE ID: H:\TURBO6\5890-19\19A47186.raw

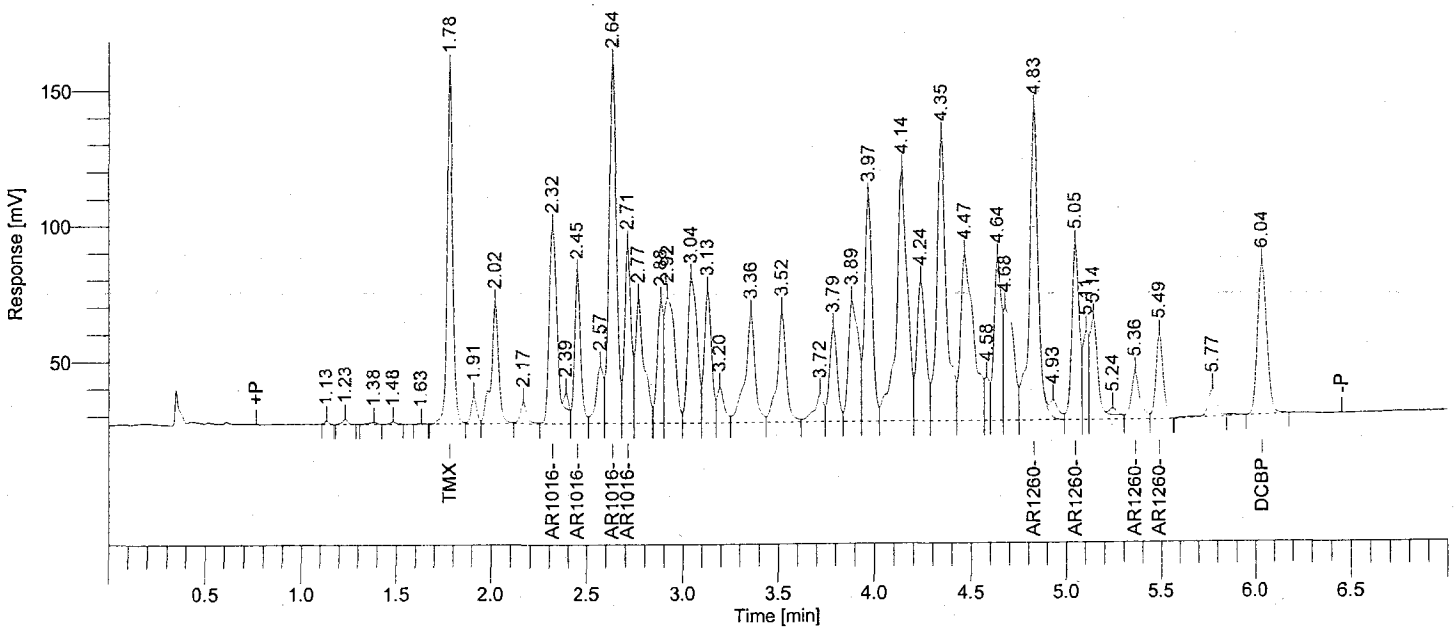
		DAILY	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.78	1.70	1.86	0.0280	0.0300	-6.6
AR1016	2.64	2.56	2.72	0.5238	0.500	4.8
AR1260	4.83	4.75	4.91	0.5250	0.500	5.0
DCBP	6.04	5.96	6.12	0.0278	0.0300	-7.5

Ave %D = 6.0

* Value >15.0% Difference

Software Version	: 6.2.1.0.104:0104	Date	: 03/27/2006 11:51:03
Reprocess Number	: buf1938: 22349		
Operator	: tchrom	Sample Name	: ICM66NH
Sample Number	: 0.5ng	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/27/2006 10:02:43	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19A47186.raw <Modified>
Result File : H:\TURBO6\5890-19\19A47186.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A47186.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A47186.rst
Calib Method : h:\turbo6\5890-19\sa66(03-14-06).mth from H:\TURBO6\5890-19\19A47186.rst
Report Format File: h:\turbo6\5890-19\s%d4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
1.78	VV	268906	TMX	0.0280	9.5947e+06	5.3781e+05	-6.6	1.71 - 1.85
2.64		847112	AR1016	0.5238	1.6172e+06	1.6942e+06	4.8	2.57 - 2.71
4.83		691634	AR1260	0.5250	1.3174e+06	1.3833e+06	5.0	4.76 - 4.90
6.04	VB	194304	DCBP	0.0277	7.0031e+06	3.8861e+05	-7.5	5.97 - 6.11
		2001957		1.1046		4.0039e+06		

Group Report For : AR1016

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
2.32	VE	216711	AR1016-A	0.5485	3.9508e+05	4.3342e+05	9.7	2.25 - 2.39
2.45	VV	128817	AR1016-B	0.5242	2.4573e+05	2.5763e+05	4.8	2.38 - 2.52
2.64	VV	347522	AR1016-C	0.5148	6.7504e+05	6.9504e+05	3.0	2.57 - 2.71
2.71	VV	154062	AR1016-D	0.5116	3.0114e+05	3.0812e+05	2.3	2.64 - 2.78
		847112		2.0992		1.6942e+06		

3-27-06
DCB

03/27/2006 11:51:03 Result: H:\TURBO6\5890-19\19A47186.rst

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
4.83	VE	372262	AR1260-A	0.5195	7.1664e+05	7.4452e+05	3.9	4.76 - 4.90
5.05	VV	179391	AR1260-B	0.5245	3.4202e+05	3.5878e+05	4.9	4.98 - 5.12
5.36	VV	55262	AR1260-C	0.5856	94368.4922	1.1052e+05	17.1	5.29 - 5.43
5.49	VB	84719	AR1260-D	0.5152	1.6444e+05	1.6944e+05	3.0	5.42 - 5.56
		691634		2.1448		1.3833e+06		

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 B ICAL Date(s) Analyzed:

Column: ZB-5 03/14/2006 to: 03/14/2006

CCV ID: ICM66NH Date/Time: 03/27/2006 10:02

FILE ID: H:\TURBO6\5890-19\19B47186.raw

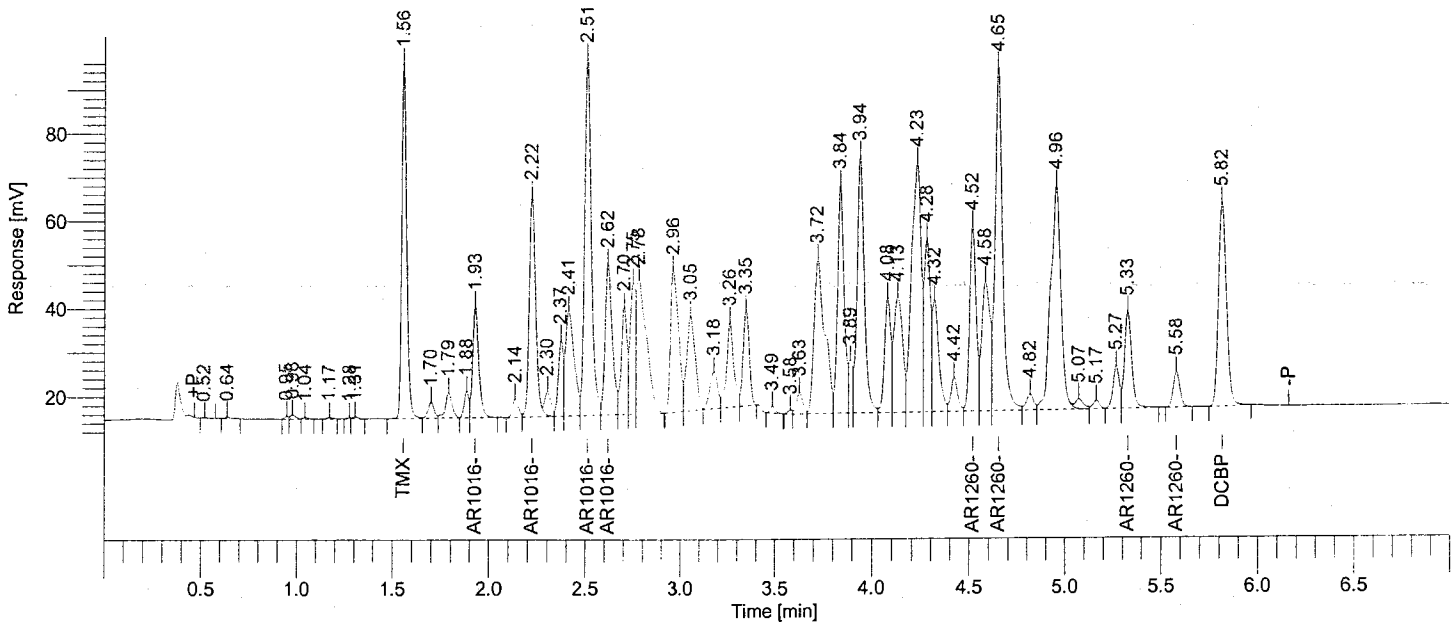
		DAILY	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.56	1.48	1.64	0.0295	0.0300	-1.5
AR1016	2.51	2.43	2.59	0.5255	0.500	5.1
AR1260	4.65	4.57	4.73	0.5312	0.500	6.2
DCBP	5.82	5.74	5.90	0.0283	0.0300	-5.7

Ave %D = 4.7

* Value >15.0% Difference

Software Version	: 6.2.1.0.104:0104	Date	: 03/27/2006 11:51:05
Reprocess Number	: buf1938: 22350		
Operator	: tchrom	Sample Name	: ICM66NH
Sample Number	: 0.5ng	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/27/2006 10:02:43	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19B47186.raw <Modified>
Result File : H:\TURBO6\5890-19\19B47186.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B47186.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B47186.rst
Calib Method : h:\turbo6\5890-19\sb66(03-14-06).mth from H:\TURBO6\5890-19\19B47186.rst
Report Format File: h:\turbo6\5890-19\s%d4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
1.56	BV	143114	TMX	0.0295	4.8446e+06	2.8623e+05	-1.5	1.49 - 1.63
2.51		456969	AR1016	0.5255	8.6954e+05	9.1394e+05	5.1	2.44 - 2.58
4.65		385651	AR1260	0.5312	7.2596e+05	7.7130e+05	6.2	4.58 - 4.72
5.82	BB	134870	DCBP	0.0283	4.7691e+06	2.6974e+05	-5.7	5.75 - 5.89
		1120604		1.1146		2.2412e+06		

Group Report For : AR1016

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
1.93	VB	54611	AR1016-A	0.5404	1.0105e+05	1.0922e+05	8.1	1.86 - 2.00
2.22	VE	114877	AR1016-B	0.5351	2.1469e+05	2.2975e+05	7.0	2.15 - 2.29
2.51	VV	197891	AR1016-C	0.5197	3.8078e+05	3.9578e+05	3.9	2.44 - 2.58
2.62	VV	89590	AR1016-D	0.5176	1.7309e+05	1.7918e+05	3.5	2.55 - 2.69
		456969		2.1128		9.1394e+05		

3-27-06
DJB

03/27/2006 11:51:05 Result: H:\TURBO6\5890-19\19B47186.rst

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
4.52	VV	97565	AR1260-A	0.5349	1.8240e+05	1.9513e+05	7.0	4.45 - 4.59
4.65	VV	211321	AR1260-B	0.5340	3.9574e+05	4.2264e+05	6.8	4.58 - 4.72
5.33	VV	56971	AR1260-C	0.5187	1.0984e+05	1.1394e+05	3.7	5.26 - 5.40
5.58	VB	19794	AR1260-D	0.5229	37854.5182	39587.6993	4.6	5.51 - 5.65
		385651		2.1104		7.7130e+05		

7A

CONFIRMATION COLUMN

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 A ICAL Date(s) Analyzed:

Column: ZB-35 03/14/2006 to: 03/14/2006

CCV ID: ICM54VB Date/Time: 03/27/2006 10:20

FILE ID: H:\TURBO6\5890-19\19A47187.raw

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.78	1.70	1.86	0.0271	0.0300	-9.7
AR1254	3.98	3.90	4.06	0.5220	0.500	4.4
DCBP	6.04	5.96	6.12	0.0276	0.0300	-7.9

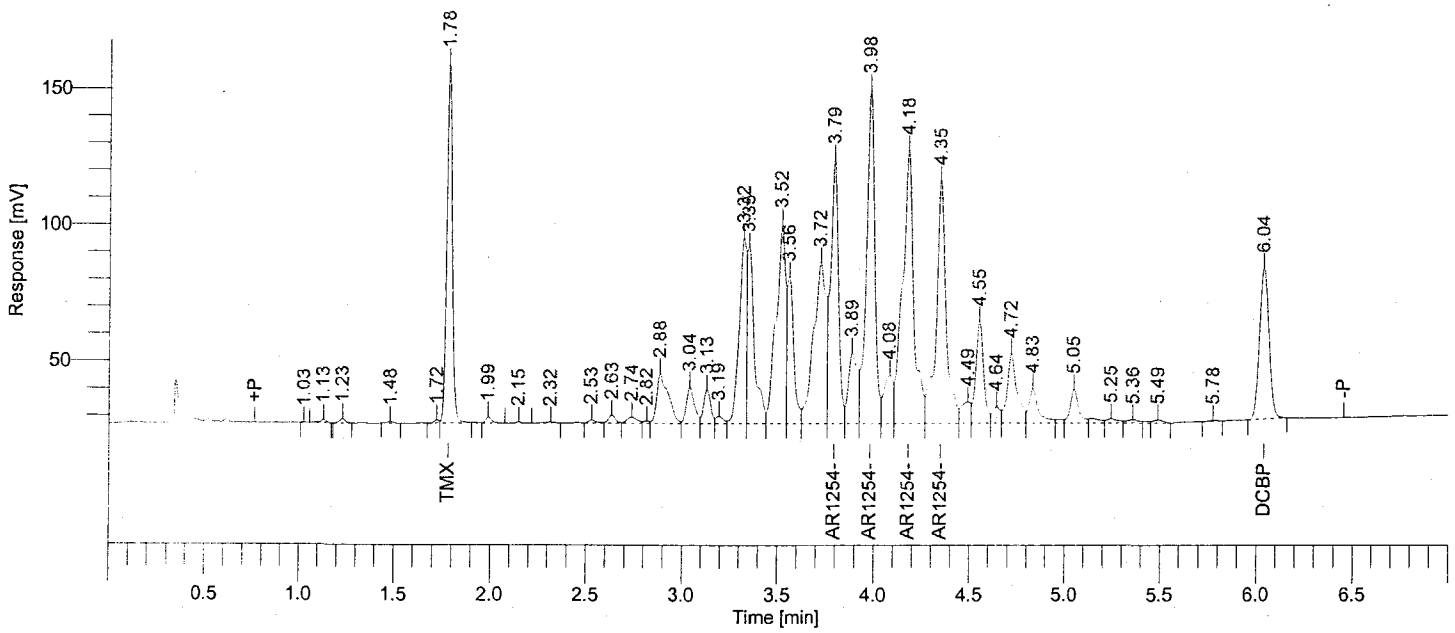
Ave %D = 7.3

* Value >15.0% Difference

FORM VII PCB

Software Version	: 6.2.1.0.104:0104	Date	: 03/27/2006 11:51:07
Reprocess Number	: buf1938: 22351		
Operator	: tchrom	Sample Name	: ICM54VB
Sample Number	: 0.5ng	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/27/2006 10:20:49	Cycle	: 2

Raw Data File : H:\TURBO6\5890-19\19A47187.raw <Modified>
Result File : H:\TURBO6\5890-19\19A47187.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A47187.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A47187.rst
Calib Method : h:\turbo6\5890-19\sa54(03-14-06).mth from H:\TURBO6\5890-19\19A47187.rst
Report Format File: h:\turbo6\5890-19\s%d4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
1.78	VV	259918	TMX	0.0271	9.5947e+06	5.1984e+05	-9.7	1.71 - 1.85
3.98		1381480	AR1254	0.5220	2.6466e+06	2.7630e+06	4.4	3.91 - 4.05
6.04	BB	193562	DCBP	0.0276	7.0031e+06	3.8712e+05	-7.9	5.97 - 6.11
		1834960		0.5767		3.6699e+06		

Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
3.79	VV	276589	AR1254-A	0.5175	5.3452e+05	5.5318e+05	3.5	3.72 - 3.86
3.98	VV	365204	AR1254-B	0.5083	7.1845e+05	7.3041e+05	1.7	3.91 - 4.05
4.18	VV	410732	AR1254-C	0.5396	7.6118e+05	8.2146e+05	7.9	4.11 - 4.25
4.35	VV	328955	AR1254-D	0.5201	6.3249e+05	6.5791e+05	4.0	4.28 - 4.42
		1381480		2.0855		2.7630e+06		

3-27-06

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 B ICAL Date(s) Analyzed:

Column: ZB-5 03/14/2006 to: 03/14/2006

CCV ID: ICM54VB Date/Time: 03/27/2006 10:20

FILE ID: H:\TURBO6\5890-19\19B47187.raw

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.56	1.48	1.64	0.0298	0.0300	-0.7
AR1254	3.83	3.75	3.91	0.5036	0.500	0.7
DCBP	5.82	5.74	5.90	0.0286	0.0300	-4.8

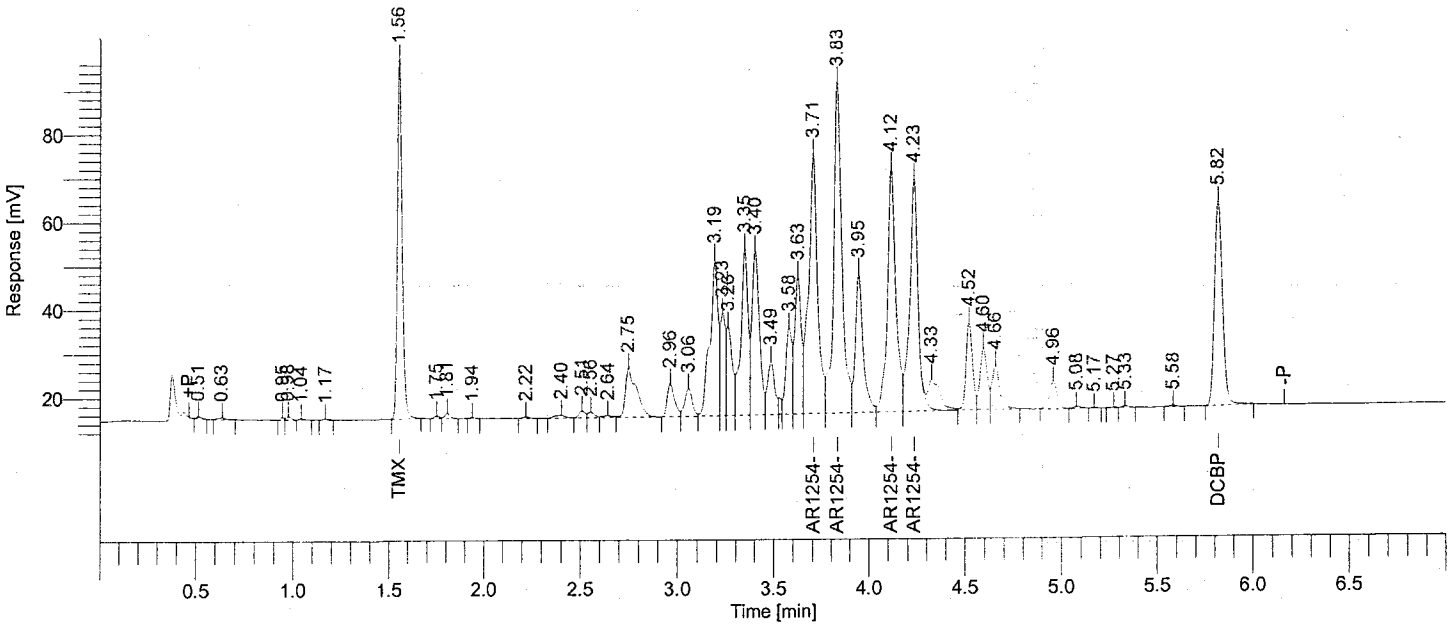
Ave %D = 2.1

* Value >15.0% Difference

FORM VII PCB

Software Version	: 6.2.1.0.104:0104	Date	: 03/27/2006 11:51:09
Reprocess Number	: buf1938: 22352		
Operator	: tchrom	Sample Name	: ICM54VB
Sample Number	: 0.5ng	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/27/2006 10:20:49	Cycle	: 2

Raw Data File : H:\TURBO6\5890-19\19B47187.raw <Modified>
Result File : H:\TURBO6\5890-19\19B47187.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B47187.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B47187.rst
Calib Method : h:\turbo6\5890-19\sb54(03-14-06).mth from H:\TURBO6\5890-19\19B47187.rst
Report Format File: h:\turbo6\5890-19\s%d4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative -	RT Window
1.56	BB	144308	TMX	0.0298	4.8446e+06	2.8862e+05	-0.7	1.49 -	1.63
3.83		760308	AR1254	0.5036	1.5099e+06	1.5206e+06	0.7	3.76 -	3.90
5.82	BB	136273	DCBP	0.0286	4.7691e+06	2.7255e+05	-4.8	5.75 -	5.89
		1040889		0.5619		2.0818e+06			

Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative -	RT Window
3.71	VV	194528	AR1254-A	0.5041	3.8589e+05	3.8906e+05	0.8	3.64 -	3.78
3.83	VV	237427	AR1254-B	0.5041	4.7094e+05	4.7485e+05	0.8	3.76 -	3.90
4.12	VV	167608	AR1254-C	0.5021	3.3383e+05	3.3522e+05	0.4	4.05 -	4.19
4.23	VE	160746	AR1254-D	0.5036	3.1919e+05	3.2149e+05	0.7	4.16 -	4.30
		760308		2.0139		1.5206e+06			

3-27-06
DJB

7A

PCB CONTINUING CALIBRATION VERIFICATION

CONFIRMATION COLUMN

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 A ICAL Date(s) Analyzed:

Column: ZB-35 03/14/2006 to: 03/14/2006

CCV ID: ICM48SA Date/Time: 03/27/2006 10:38

FILE ID: H:\TURBO6\5890-19\19A47188.raw

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.78	1.70	1.86	0.0263	0.0300	-12.3
AR1248	3.04	2.96	3.12	0.5021	0.500	0.4
DCBP	6.04	5.96	6.12	0.0268	0.0300	-10.6

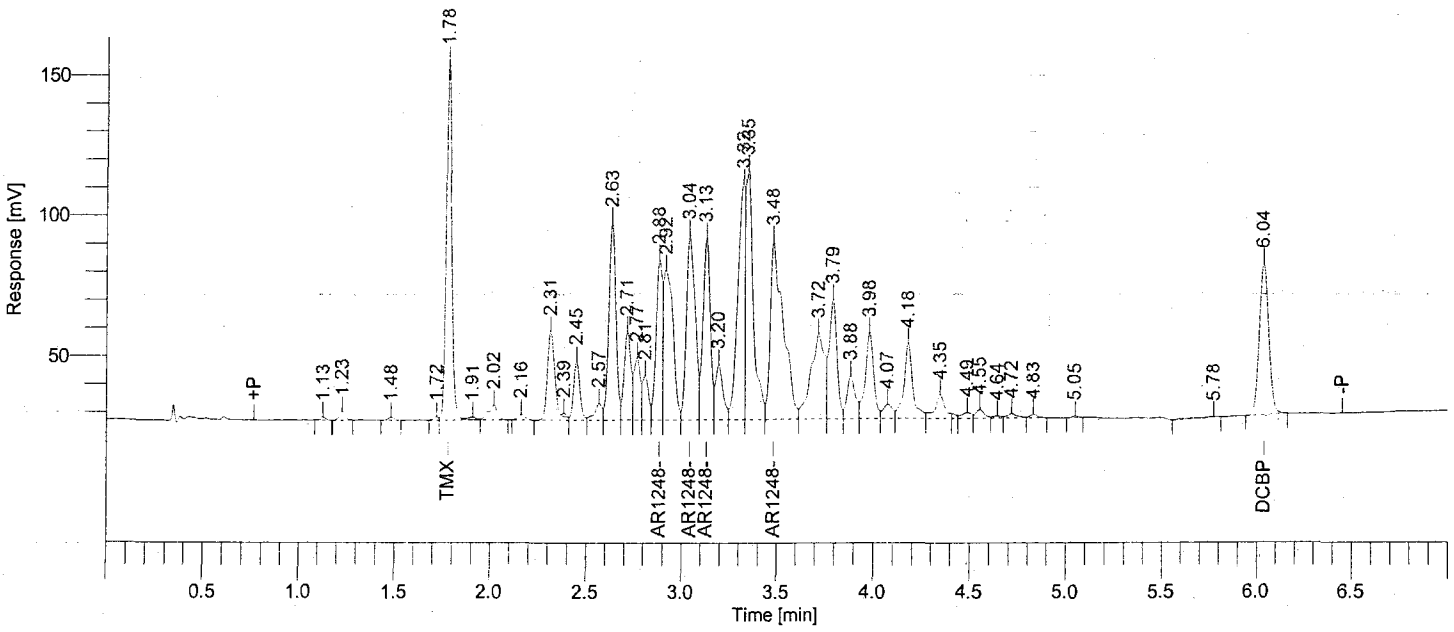
Ave %D = 7.8

* Value >15.0% Difference

FORM VII PCB

Software Version	: 6.2.1.0.104:0104	Date	: 03/27/2006 11:51:11
Reprocess Number	: buf1938: 22353		
Operator	: tchrom	Sample Name	: ICM48SA
Sample Number	: 0.5ng	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/27/2006 10:38:57	Cycle	: 3

Raw Data File : H:\TURBO6\5890-19\19A47188.raw <Modified>
Result File : H:\TURBO6\5890-19\19A47188.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A47188.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A47188.rst
Calib Method : h:\turbo6\5890-19\sa48(03-14-06).mth from H:\TURBO6\5890-19\19A47188.rst
Report Format File: h:\turbo6\5890-19\s%d4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
1.78	VE	252445	TMX	0.0263	9.5947e+06	5.0489e+05	-12.3	1.71 - 1.85
3.04		818328	AR1248	0.5021	1.6299e+06	1.6367e+06	0.4	2.97 - 3.11
6.04	BB	187785	DCBP	0.0268	7.0031e+06	3.7557e+05	-10.6	5.97 - 6.11
		1258558		0.5552		2.5171e+06		

Group Report For : AR1248

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
2.88	VV	128894	AR1248-A	0.4949	2.6043e+05	2.5779e+05	-1.0	2.81 - 2.95
3.04	VV	212071	AR1248-B	0.4992	4.2486e+05	4.2414e+05	-0.2	2.97 - 3.11
3.13	VV	170670	AR1248-C	0.5006	3.4092e+05	3.4134e+05	0.1	3.06 - 3.20
3.48	VV	306693	AR1248-D	0.5080	6.0371e+05	6.1339e+05	1.6	3.41 - 3.55
		818328		2.0027		1.6367e+06		

3-27-06 DJB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 B ICAL Date(s) Analyzed:

Column: ZB-5 03/14/2006 to: 03/14/2006

CCV ID: ICM48SA Date/Time: 03/27/2006 10:38

FILE ID: H:\TURBO6\5890-19\19B47188.raw

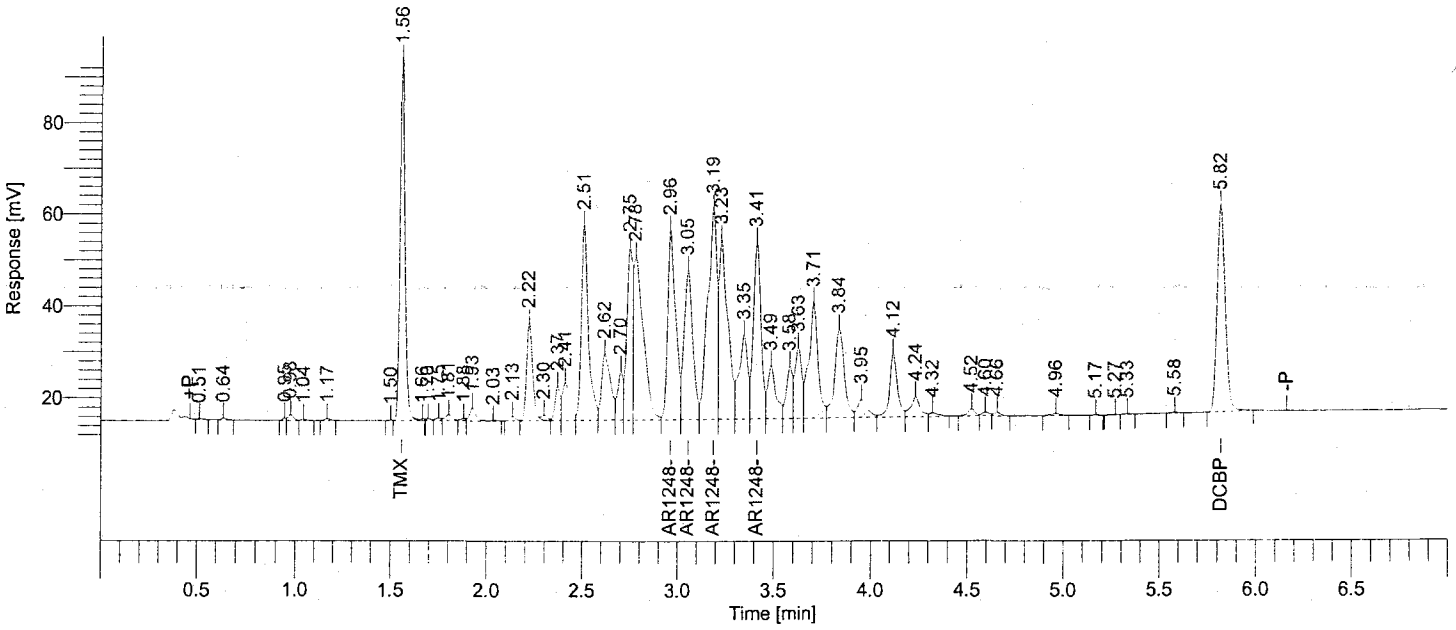
		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.56	1.48	1.64	0.0288	0.0300	-3.9
AR1248	3.19	3.11	3.27	0.5119	0.500	2.4
DCBP	5.82	5.74	5.90	0.0274	0.0300	-8.7

Ave %D = 5.0

* Value >15.0% Difference

Software Version	: 6.2.1.0.104:0104	Date	: 03/27/2006 11:51:13
Reprocess Number	: buf1938: 22354		
Operator	: tchrom	Sample Name	: ICM48SA
Sample Number	: 0.5ng	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/27/2006 10:38:57	Cycle	: 3

Raw Data File : H:\TURBO6\5890-19\19B47188.raw <Modified>
Result File : H:\TURBO6\5890-19\19B47188.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B47188.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B47188.rst
Calib Method : h:\turbo6\5890-19\sb48(03-14-06).mth from H:\TURBO6\5890-19\19B47188.rst
Report Format File: h:\turbo6\5890-19\s%d4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
1.56	VE	139605	TMX	0.0288	4.8446e+06	2.7921e+05	-3.9	1.49 - 1.63
3.19		476213	AR1248	0.5119	9.3036e+05	9.5243e+05	2.4	3.12 - 3.26
5.82	BB	130601	DCBP	0.0274	4.7691e+06	2.6120e+05	-8.7	5.75 - 5.89
		746419		0.5681		1.4928e+06		

Group Report For : AR1248

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
2.96	VV	119116	AR1248-A	0.5164	2.3066e+05	2.3823e+05	3.3	2.89 - 3.03
3.05	VV	102700	AR1248-B	0.5123	2.0048e+05	2.0540e+05	2.5	2.98 - 3.12
3.19	VV	151436	AR1248-C	0.5090	2.9750e+05	3.0287e+05	1.8	3.12 - 3.26
3.41	VV	102961	AR1248-D	0.5104	2.0172e+05	2.0592e+05	2.1	3.34 - 3.48
		476213		2.0481		9.5243e+05		

3-27-06 JMB

7A

PCB CONTINUING CALIBRATION VERIFICATION

CONFIRMATION COLUMN

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 A ICAL Date(s) Analyzed:

Column: ZB-35 03/14/2006 to: 03/14/2006

CCV ID: ICM42TA Date/Time: 03/27/2006 10:57

FILE ID: H:\TURBO6\5890-19\19A47189.raw

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.78	1.70	1.86	0.0278	0.0300	-7.2
AR1242	2.64	2.56	2.72	0.4972	0.500	-0.6
DCBP	6.04	5.96	6.12	0.0274	0.0300	-8.8

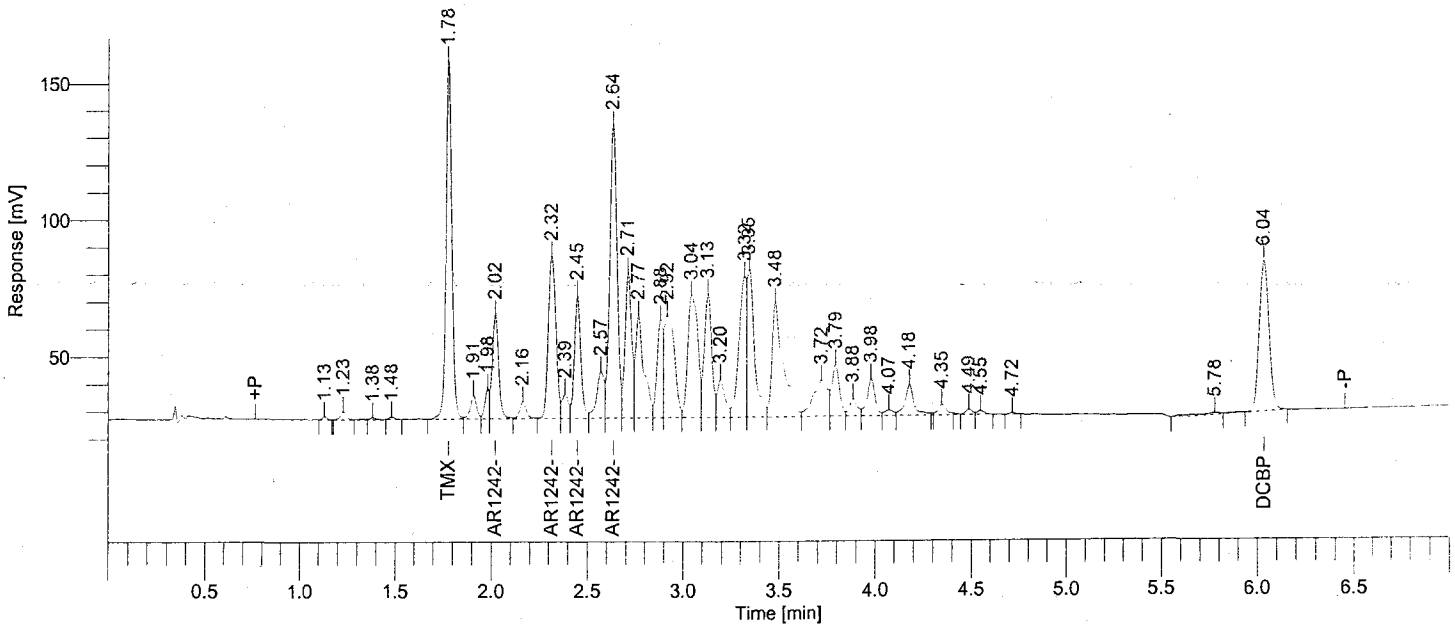
Ave %D = 5.5

* Value >15.0% Difference

FORM VII PCB

Software Version	: 6.2.1.0.104:0104	Date	: 03/27/2006 11:51:14
Reprocess Number	: buf1938: 22355		
Operator	: tchrom	Sample Name	: ICM42TA
Sample Number	: 0.5ng	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/27/2006 10:57:03	Cycle	: 4

Raw Data File : H:\TURBO6\5890-19\19A47189.raw <Modified>
Result File : H:\TURBO6\5890-19\19A47189.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A47189.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A47189.rst
Calib Method : h:\turbo6\5890-19\sa42(03-14-06).mth from H:\TURBO6\5890-19\19A47189.rst
Report Format File: h:\turbo6\5890-19\s%d4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative -	RT Window
1.78	BV	266975	TMX	0.0278	9.5947e+06	5.3395e+05	-7.2	1.71 -	1.85
2.64		636136	AR1242	0.4971	1.2796e+06	1.2723e+06	-0.6	2.57 -	2.71
6.04	VB	191709	DCBP	0.0274	7.0031e+06	3.8342e+05	-8.8	5.97 -	6.11
		1094821		0.5523		2.1896e+06			

3-27-06 DJB

Group Report For : AR1242

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative -	RT Window
2.02	VV	86474	AR1242-A	0.5066	1.7069e+05	1.7295e+05	1.3	1.95 -	2.09
2.32	VV	165787	AR1242-B	0.4897	3.3852e+05	3.3157e+05	-2.1	2.25 -	2.39
2.45	VV	104259	AR1242-C	0.5058	2.0614e+05	2.0852e+05	1.2	2.38 -	2.52
2.64	VV	279616	AR1242-D	0.4956	5.6422e+05	5.5923e+05	-0.9	2.57 -	2.71
		636136		1.9977		1.2723e+06			

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 B ICAL Date(s) Analyzed:

Column: ZB-5 03/14/2006 to: 03/14/2006

CCV ID: ICM42TA Date/Time: 03/27/2006 10:57

FILE ID: H:\TURBO6\5890-19\19B47189.raw

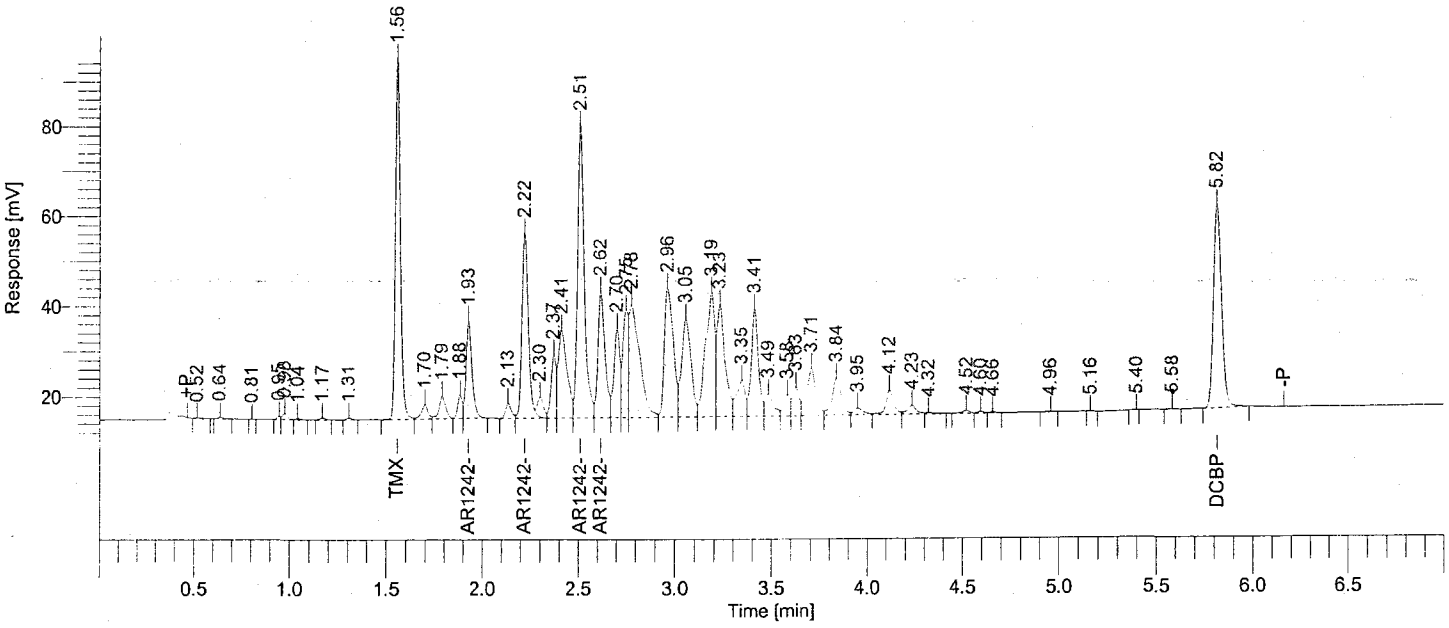
		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.56	1.48	1.64	0.0293	0.0300	-2.4
AR1242	2.51	2.43	2.59	0.5087	0.500	1.7
DCBP	5.82	5.74	5.90	0.0276	0.0300	-8.1

Ave %D = 4.1

* Value >15.0% Difference

Software Version	: 6.2.1.0.104:0104	Date	: 03/27/2006 11:51:16
Reprocess Number	: buf1938: 22356		
Operator	: tchrom	Sample Name	: ICM42TA
Sample Number	: 0.5ng	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/27/2006 10:57:03	Cycle	: 4

Raw Data File : H:\TURBO6\5890-19\19B47189.raw <Modified>
Result File : H:\TURBO6\5890-19\19B47189.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B47189.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B47189.rst
Calib Method : h:\turbo6\5890-19\sb42(03-14-06).mth from H:\TURBO6\5890-19\19B47189.rst
Report Format File: h:\turbo6\5890-19\s%d4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative -	RT Window
1.56	BV	141845	TMX	0.0293	4.8446e+06	2.8369e+05	-2.4	1.49 -	1.63
2.51		377438	AR1242	0.5087	7.4194e+05	7.5488e+05	1.7	2.44 -	2.58
5.82	BB	131496	DCBP	0.0276	4.7691e+06	2.6299e+05	-8.1	5.75 -	5.89
		650780		0.5656		1.3016e+06			

3-27-06 DCB

Group Report For : AR1242

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative -	RT Window
1.93	VB	46207	AR1242-A	0.5037	91733.7274	92414.9574	0.7	1.86 -	2.00
2.22	VE	94213	AR1242-B	0.5162	1.8252e+05	1.8843e+05	3.2	2.15 -	2.29
2.51	VV	162855	AR1242-C	0.5037	3.2331e+05	3.2571e+05	0.7	2.44 -	2.58
2.62	VV	74163	AR1242-D	0.5137	1.4438e+05	1.4833e+05	2.7	2.55 -	2.69
		377438		2.0373		7.5488e+05			

7A

PCB CONTINUING CALIBRATION VERIFICATION

CONFIRMATION COLUMN

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 A ICAL Date(s) Analyzed:

Column: ZB-35 03/14/2006 to: 03/14/2006

CCV ID: ICM32HA Date/Time: 03/27/2006 11:15

FILE ID: H:\TURBO6\5890-19\19A47190.raw

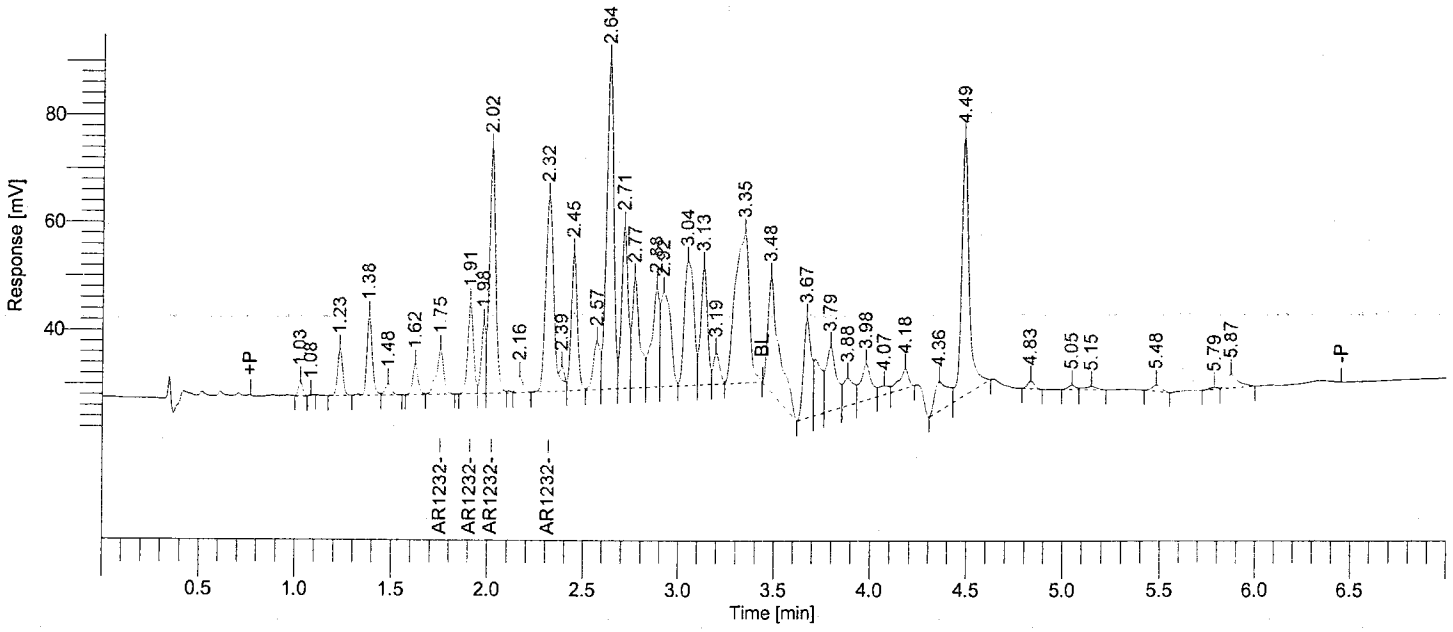
		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
AR1232	2.02	1.94	2.10	0.491	0.500	-1.8

* Value >15.0% Difference

FORM VII PCB

Software Version	: 6.2.1.0.104:0104	Date	: 03/27/2006 11:55:16
Operator	: tchrom	Sample Name	: ICM32HA
Sample Number	: 0.5ng	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/27/2006 11:15:11	Cycle	: 5

Raw Data File : H:\TURBO6\5890-19\19A47190.raw <Modified>
Result File : H:\TURBO6\5890-19\19A47190.rst [Editing in Progress]
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A47190.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A47190.rst [Editing in Progress]
Calib Method : h:\turbo6\5890-19\sa32(03-14-06).mth from H:\TURBO6\5890-19\19A47190.rst [Editing in Progress]
Report Format File: h:\turbo6\5890-19\s%d4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Window
2.02		271377	AR1232	0.4911	5.5264e+05	5.4275e+05	-1.8	1.95	-	2.09
		271377		0.4911		5.4275e+05				

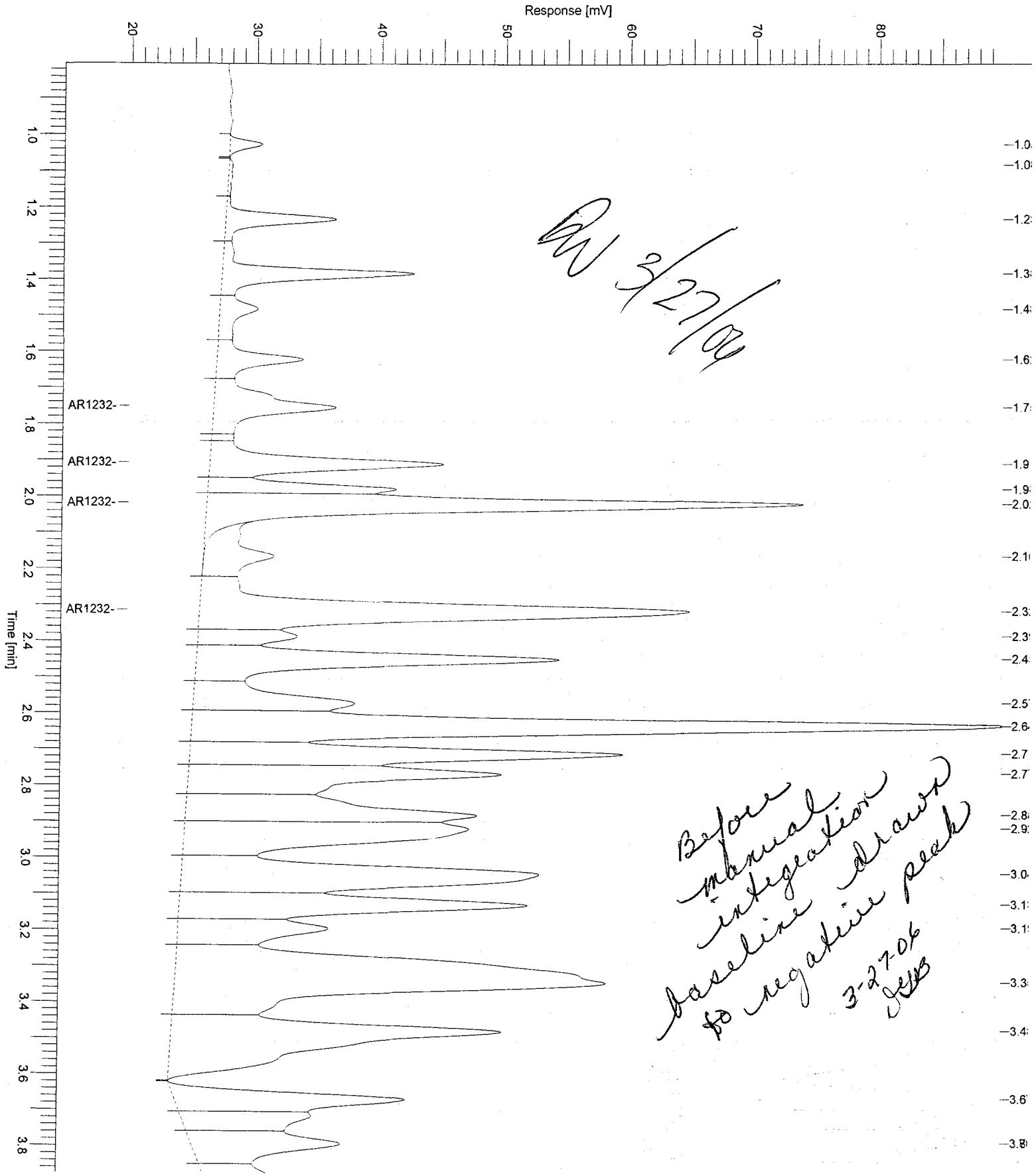
Group Report For : AR1232

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Window
1.75	VB	22206	AR1232-A	0.6407	34659.0798	44411.8265	28.1	1.68	-	1.82
1.91	BV	35930	AR1232-B	0.4896	73378.6811	71859.6990	-2.1	1.84	-	1.98
2.02	VV	102615	AR1232-C	0.4754	2.1587e+05	2.0523e+05	-4.9	1.95	-	2.09
2.32	BE	110626	AR1232-D	0.4836	2.2873e+05	2.2125e+05	-3.3	2.25	-	2.39
		271377		2.0893		5.4275e+05				

3.27.06
DWB

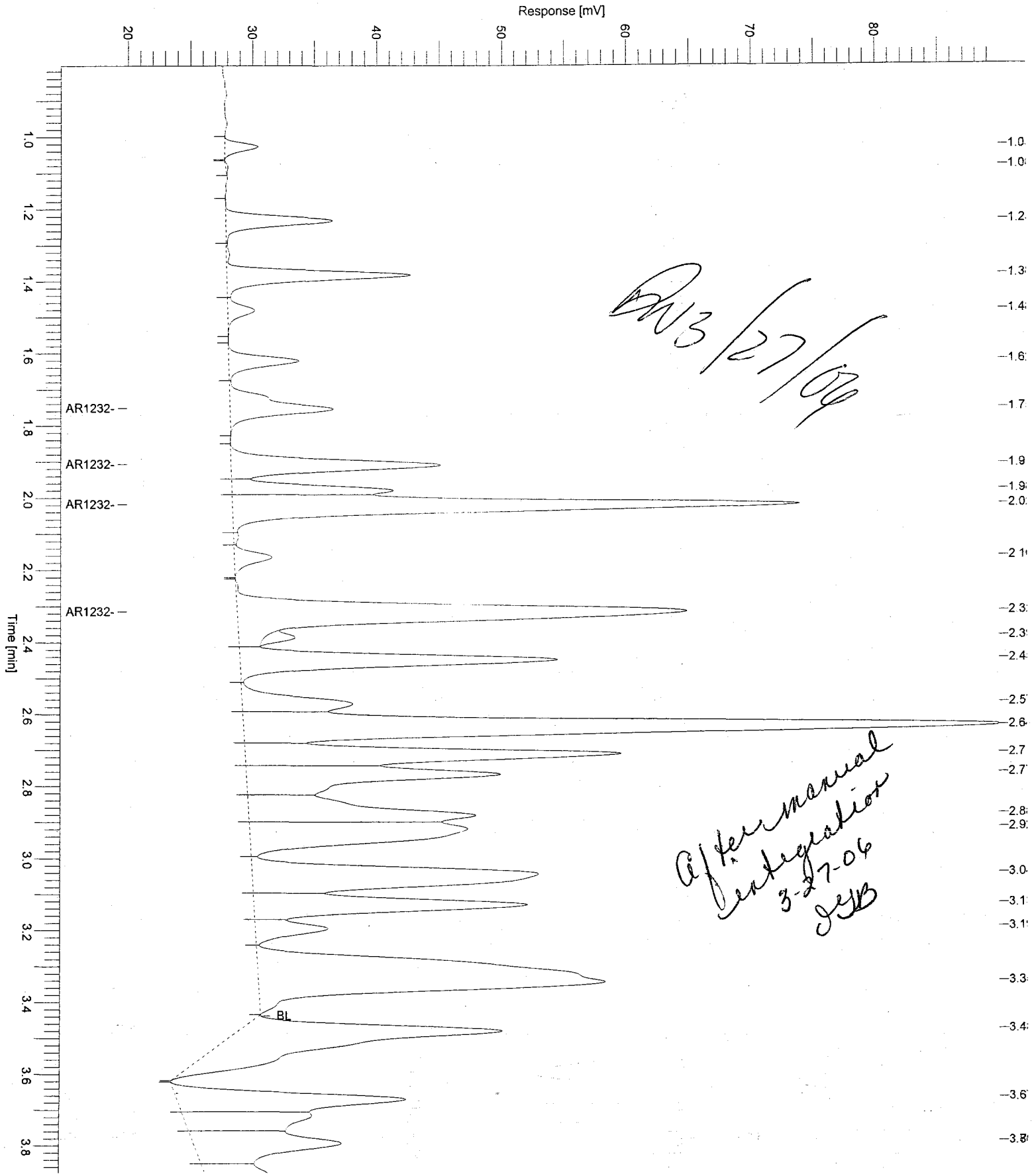
Chromatogram

Sample Name : ICM32HA Sample #: 0.5ng Page 1 of 1
FileName : H:\TURBO6\5890-19\19A47190.raw
Date : 03/27/2006 11:54:49
Method : Time of Injection: 03/27/2006 11:15:11
Start Time : 0.80 min End Time : 3.88 min Low Point : 19.93 mV High Point : 89.86 mV
Plot Offset: 19.93 mV Plot Scale: 69.9 mV



Chromatogram

Sample Name : ICM32HA Sample #: 0.5ng Page 1 of 1
FileName : H:\TURBO6\5890-19\19A47190.raw
Date : 03/27/2006 11:55:18
Method : Time of Injection: 03/27/2006 11:15:11
Start Time : 0.80 min End Time : 3.88 min Low Point : 19.93 mV High Point : 89.86 mV
Plot Offset: 19.93 mV Plot Scale: 69.9 mV



7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 B ICAL Date(s) Analyzed:

Column: ZB-5 03/14/2006 to: 03/14/2006

CCV ID: ICM32HA Date/Time: 03/27/2006 11:15

FILE ID: H:\TURBO6\5890-19\19B47190.raw

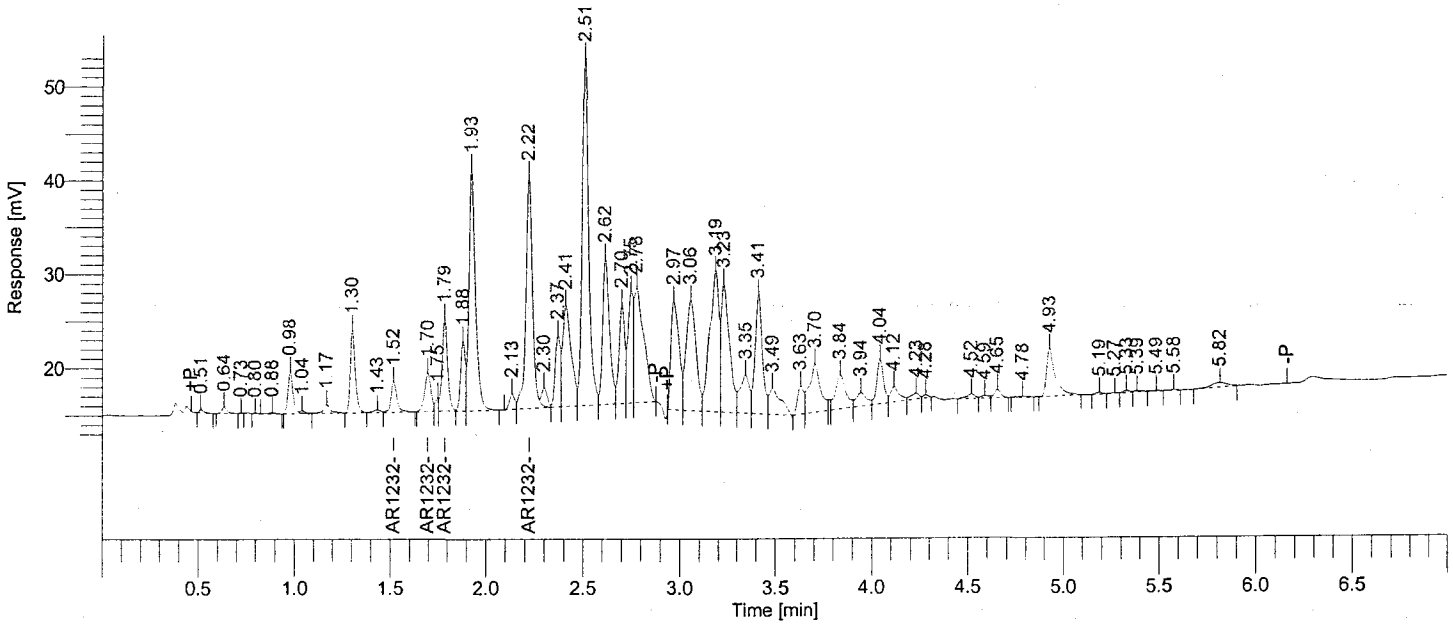
		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
AR1232	2.22	2.14	2.30	0.495	0.500	-1.1

* Value >15.0% Difference

FORM VII PCB

Software Version	: 6.2.1.0.104:0104	Date	: 03/27/2006 11:58:08
Operator	: tchrom	Sample Name	: ICM32HA
Sample Number	: 0.5ng	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/27/2006 11:15:11	Cycle	: 5

Raw Data File : H:\TURBO6\5890-19\19B47190.raw <Modified>
Result File : H:\TURBO6\5890-19\19B47190.rst [Editing in Progress]
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B47190.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B47190.rst [Editing in Progress]
Calib Method : h:\turbo6\5890-19\sb32(03-14-06).mth from H:\TURBO6\5890-19\19B47190.rst [Editing in Progress]
Report Format File: h:\turbo6\5890-19\s%d4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Window
2.22		96963	AR1232	0.4947	1.9599e+05	1.9393e+05	-1.1	2.15	-	2.29
		96963		0.4947		1.9393e+05				

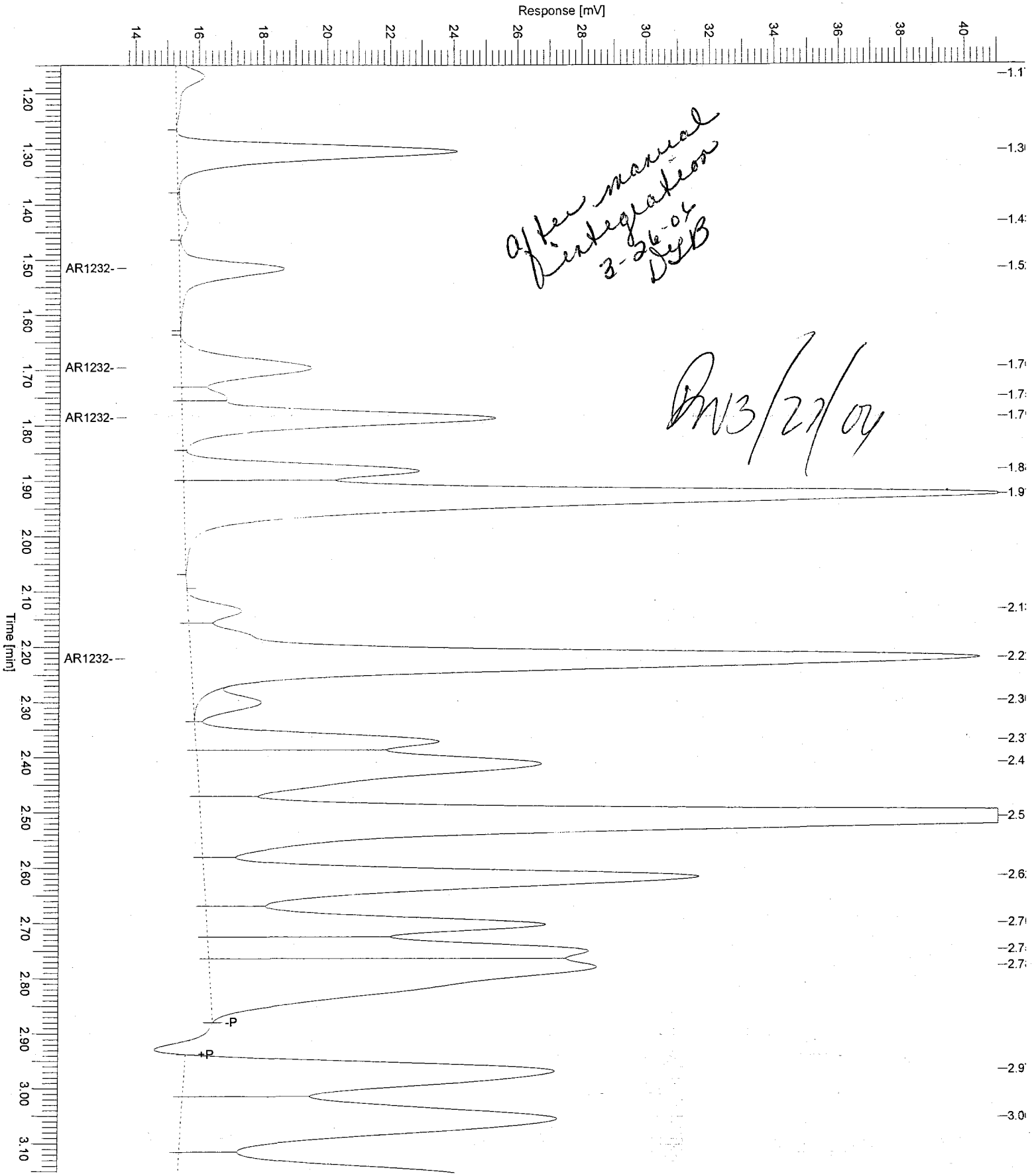
Group Report For : AR1232

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Window
1.52	VB	6839	AR1232-A	0.4851	14098.7640	13678.9629	-3.0	1.45	-	1.59
1.70	BV	9679	AR1232-B	0.5060	19126.4432	19357.2726	1.2	1.63	-	1.77
1.79	VV	19902	AR1232-C	0.5137	38745.2601	39804.1183	2.7	1.72	-	1.86
2.22	VE	60543	AR1232-D	0.4882	1.2402e+05	1.2109e+05	-2.4	2.15	-	2.29
		96963		1.9930		1.9393e+05				

3-27-06 DSB

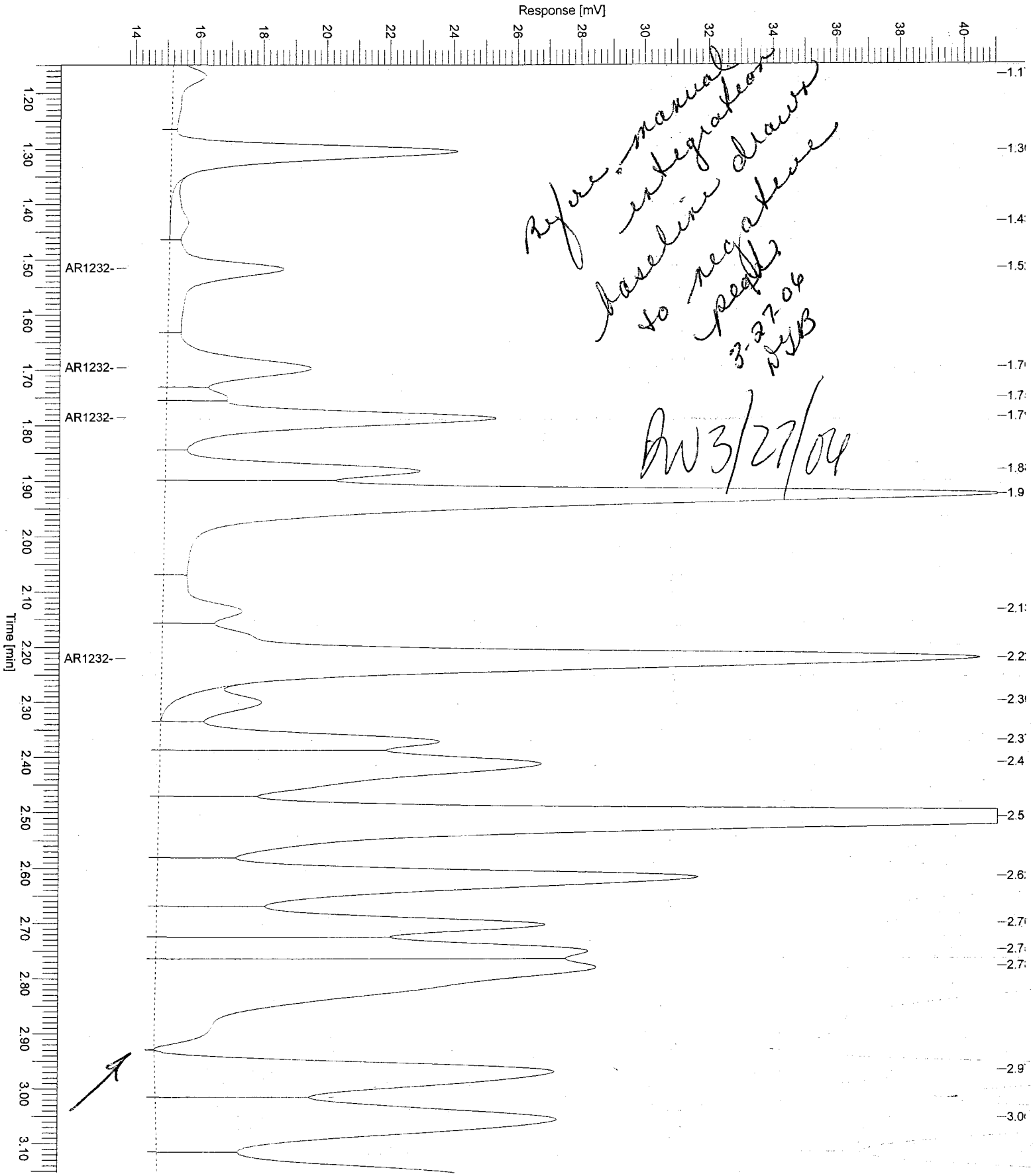
Chromatogram

Sample Name : ICM32HA Sample #: 0.5ng Page 1 of 1
FileName : H:\TURBO6\5890-19\19B47190.raw
Date : 03/27/2006 11:58:10
Method : Time of Injection: 03/27/2006 11:15:11
Start Time : 1.15 min End Time : 3.15 min Low Point : 13.71 mV High Point : 41.03 mV
Plot Offset: 13.71 mV Plot Scale: 27.3 mV



Chromatogram

Sample Name : ICM32HA Sample #: 0.5ng Page 1 of 1
FileName : H:\TURBO6\5890-19\19B47190.raw
Date : 03/27/2006 11:57:19
Method : Time of Injection: 03/27/2006 11:15:11
Start Time : 1.15 min End Time : 3.15 min Low Point : 13.71 mV High Point : 41.03 mV
Plot Offset: 13.71 mV Plot Scale: 27.3 mV



7A

PCB CONTINUING CALIBRATION VERIFICATION

CONFIRMATION COLUMN

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 A ICAL Date(s) Analyzed:

Column: ZB-35 03/14/2006 to: 03/14/2006

CCV ID: ICM21SA Date/Time: 03/27/2006 11:33

FILE ID: H:\TURBO6\5890-19\19A47191.raw

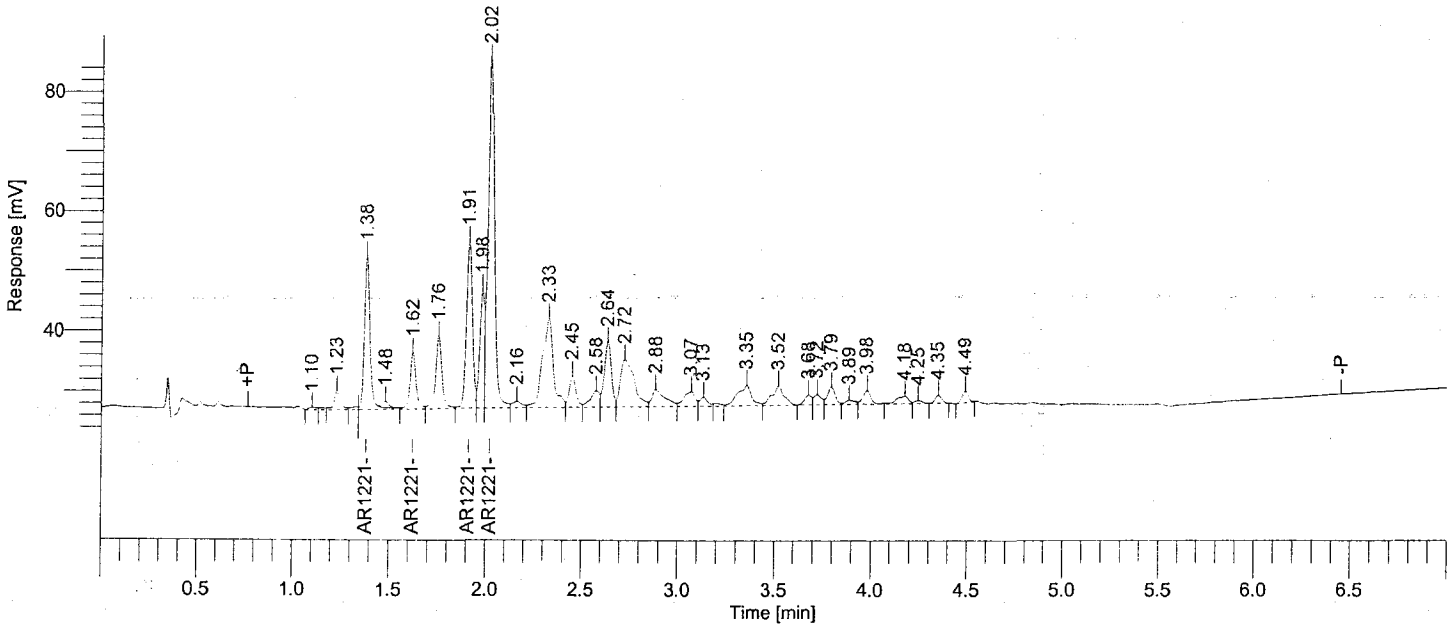
		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
AR1221	2.02	1.94	2.10	0.511	0.500	2.2

* Value >15.0% Difference

FORM VII PCB

Software Version	: 6.2.1.0.104:0104	Date	: 03/27/2006 11:51:21
Reprocess Number	: buf1938: 22359		
Operator	: tchrom	Sample Name	: ICM21SA
Sample Number	: 0.5ng	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/27/2006 11:33:17	Cycle	: 6

Raw Data File : H:\TURBO6\5890-19\19A47191.raw <Modified>
Result File : H:\TURBO6\5890-19\19A47191.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A47191.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A47191.rst
Calib Method : h:\turbo6\5890-19\sa21(03-14-06).mth from H:\TURBO6\5890-19\19A47191.rst
Report Format File: h:\turbo6\5890-19\s%d4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative -	RT Window
2.02		269156	AR1221	0.5111	5.2667e+05	5.3831e+05	2.2	1.95 -	2.09
		269156		0.5111		5.3831e+05			

Group Report For : AR1221

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative -	RT Window
1.38	VE	51840	AR1221-A	0.5317	97503.6269	1.0368e+05	6.3	1.31 -	1.45
1.62	VV	20825	AR1221-B	0.5485	37968.8455	41649.6396	9.7	1.55 -	1.69
1.91	VV	59620	AR1221-C	0.5051	1.1805e+05	1.1924e+05	1.0	1.84 -	1.98
2.02	VV	136871	AR1221-D	0.5011	2.7315e+05	2.7374e+05	0.2	1.95 -	2.09
		269156		2.0863		5.3831e+05			

3-27-06
DJB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 B ICAL Date(s) Analyzed:

Column: ZB-5 03/14/2006 to: 03/14/2006

CCV ID: ICM21SA Date/Time: 03/27/2006 11:33

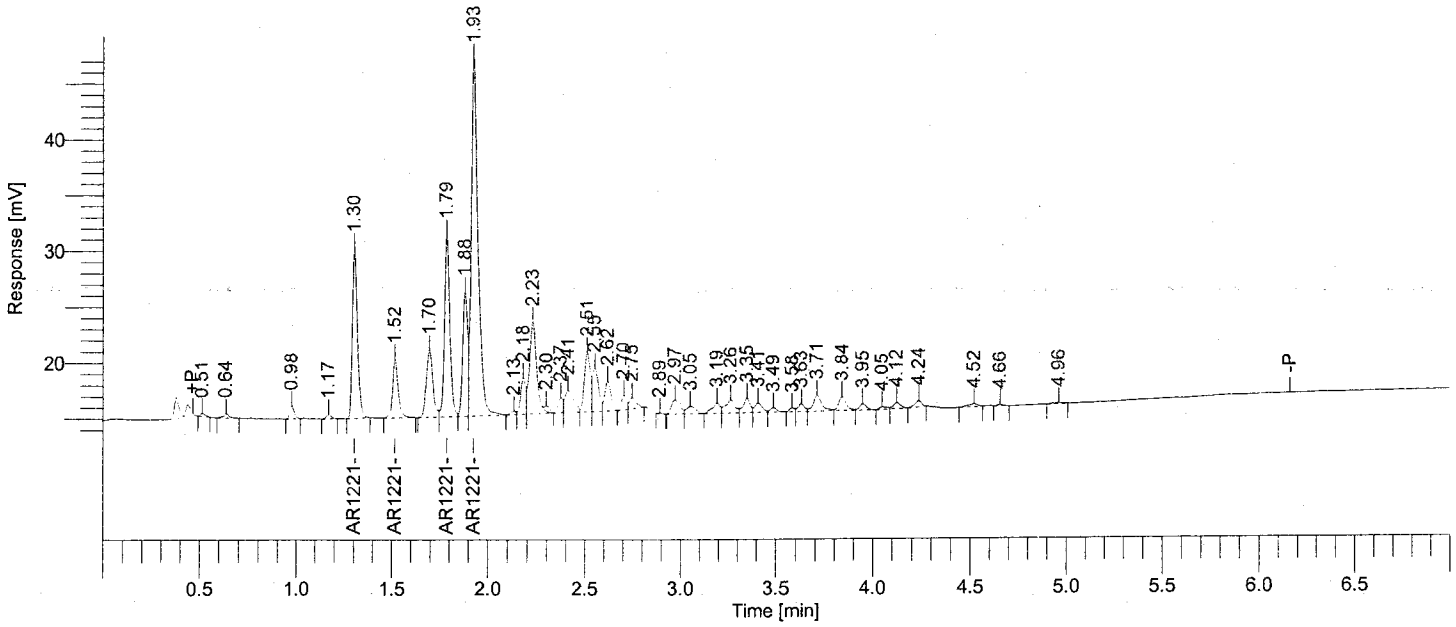
FILE ID: H:\TURBO6\5890-19\19B47191.raw

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
AR1221	1.93	1.85	2.01	0.490	0.500	-2.0

* Value >15.0% Difference

Software Version	: 6.2.1.0.104:0104	Date	: 03/27/2006 11:51:22
Reprocess Number	: buf1938: 22360		
Operator	: tchrom	Sample Name	: ICM21SA
Sample Number	: 0.5ng	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/27/2006 11:33:17	Cycle	: 6

Raw Data File : H:\TURBO6\5890-19\19B47191.raw <Modified>
Result File : H:\TURBO6\5890-19\19B47191.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B47191.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B47191.rst
Calib Method : h:\turbo6\5890-19\sb21(03-14-06).mth from H:\TURBO6\5890-19\19B47191.rst
Report Format File: h:\turbo6\5890-19\s%d4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
1.93		147780	AR1221	0.4901	3.0156e+05	2.9556e+05	-2.0	1.86 - 2.00
		147780		0.4901		2.9556e+05		

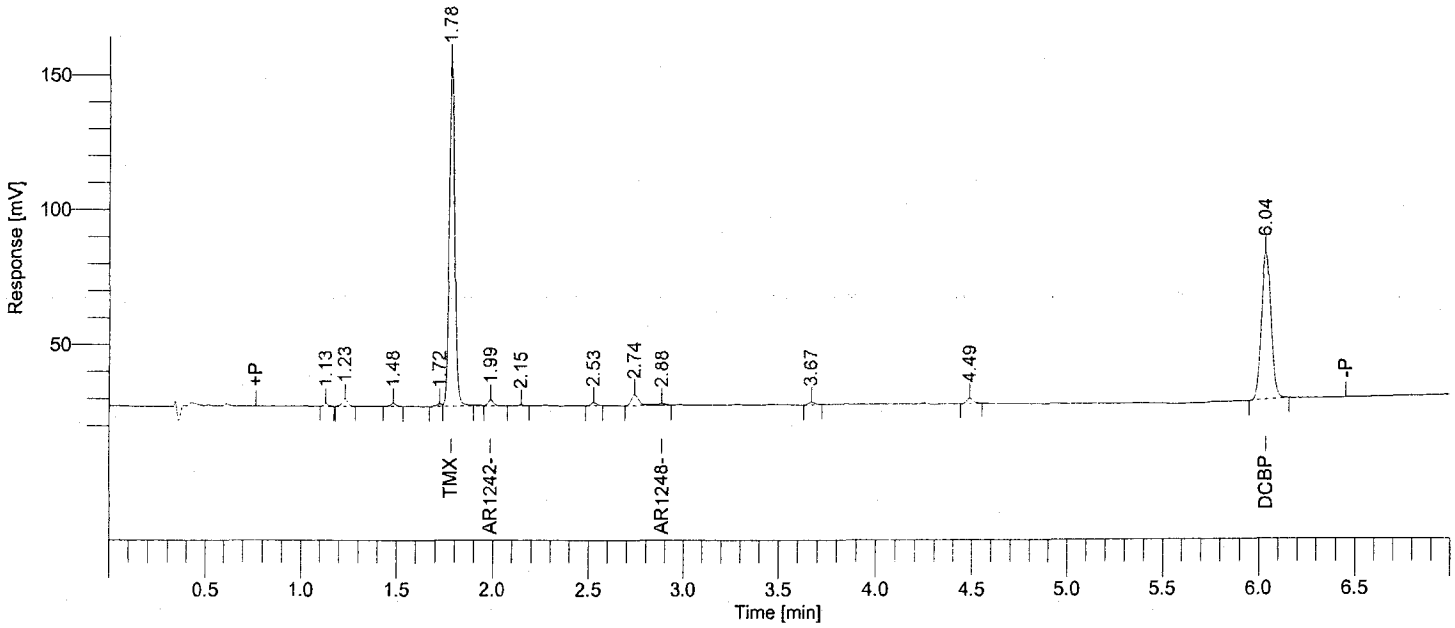
Group Report For : AR1221

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
1.30	BB	28082	AR1221-A	0.4991	56262.2403	56163.5665	-0.2	1.23 - 1.37
1.52	BB	10884	AR1221-B	0.4798	22684.7644	21767.5507	-4.0	1.45 - 1.59
1.79	VV	32094	AR1221-C	0.4644	69104.7697	64188.7277	-7.1	1.72 - 1.86
1.93	VB	76720	AR1221-D	0.4998	1.5350e+05	1.5344e+05	-0.0	1.86 - 2.00
		147780		1.9431		2.9556e+05		

3-27-06 JSB

Software Version	: 6.2.1.0.104:0104	Date	: 03/27/2006 14:03:05
Reprocess Number	: buf1938: 22387		
Operator	: tchrom	Sample Name	: ICM3JD
Sample Number	: 0.03ng	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/27/2006 11:51:24	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19A47192.raw <Modified>
Result File : H:\TURBO6\5890-19\19A47192.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A47192.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A47192.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(03-14-06).mth from H:\TURBO6\5890-19\19A47192.rst
Report Format File: h:\turbo6\5890-19\ssamp4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
5	1.78	VV	253203	TMX	0.0264	-------	0
13	6.04	BB	190038	DCBP	0.0271	-------	0
			443242			0.0000	

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
6	1.99	VV	4476	AR1242-A	0.0262	0.0066	4
-	2.31		0	AR1242-B	0.0000	-------	-
-	2.45		0	AR1242-C	0.0000	-------	-
-	2.63		0	AR1242-D	0.0000	-------	-
			4476			0.0066	

3-27-06
DSB

03/27/2006 14:03:05 Result: H:\TURBO6\5890-19\19A47192.rst

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
10	2.88	EB	2573	AR1248-A	0.0099	0.0025	4
-	3.04		0	AR1248-B	0.0000	-------	-
-	3.13		0	AR1248-C	0.0000	-------	-
-	3.48		0	AR1248-D	0.0000	-------	-
			2573			0.0025	

Group Report For : AR1254

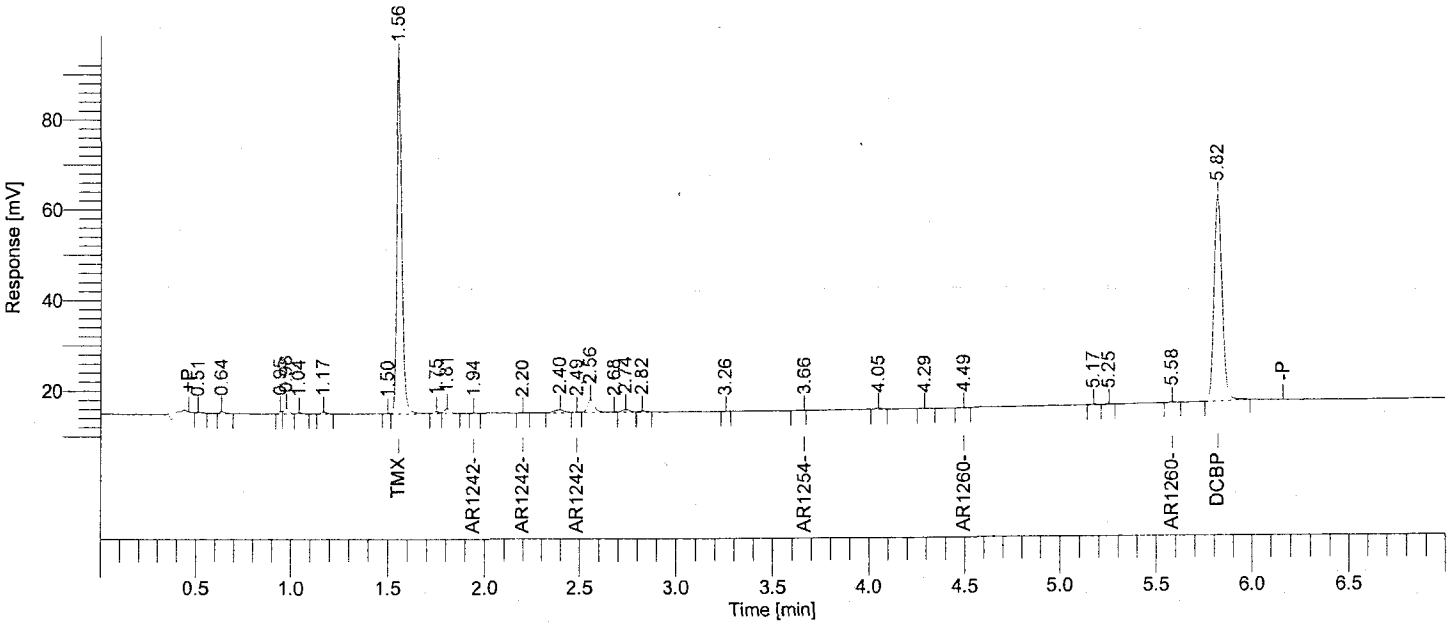
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
-	3.79		0	AR1254-A	0.0000	-------	-
-	3.98		0	AR1254-B	0.0000	-------	-
-	4.18		0	AR1254-C	0.0000	-------	-
-	4.35		0	AR1254-D	0.0000	-------	-
			0			0.0000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
-	4.83		0	AR1260-A	0.0000	-------	-
-	5.05		0	AR1260-B	0.0000	-------	-
-	5.36		0	AR1260-C	0.0000	-------	-
-	5.49		0	AR1260-D	0.0000	-------	-
			0			0.0000	

Software Version	: 6.2.1.0.104:0104	Date	: 03/27/2006 14:03:06
Reprocess Number	: buf1938: 22388		
Operator	: tchrom	Sample Name	: ICM3JD
Sample Number	: 0.03ng	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/27/2006 11:51:24	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19B47192.raw <Modified>
Result File : H:\TURBO6\5890-19\19B47192.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B47192.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B47192.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(03-14-06).mth from H:\TURBO6\5890-19\19B47192.rst
Report Format File: h:\turbo6\5890-19\ssamp4.rpt
Sequence File : H:\TURBO6\5890-19\19D47.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
8	1.56	VV	140408	TMX	0.0290	-------	0
27	5.82	BB	132792	DCBP	0.0278	-------	0
			273199			0.0000	

3-27-06
DJB

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
11	1.94	BB	179	AR1242-A	0.0019	4.9e-04	4
12	2.20	BB	108	AR1242-B	5.9e-04	1.5e-04	4
14	2.49	VV	291	AR1242-C	9.0e-04	2.3e-04	4
-	2.61		0	AR1242-D	0.0000	-------	-
			577			8.6e-04	

03/27/2006 14:03:06 Result: H:\TURBO6\5890-19\19B47192.rst

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
-	2.96		0	AR1248-A	0.0000	-------	-
-	3.05		0	AR1248-B	0.0000	-------	-
-	3.19		0	AR1248-C	0.0000	-------	-
-	3.41		0	AR1248-D	0.0000	-------	-
			0			0.0000	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
20	3.66	BB	97	AR1254-A	2.5e-04	6.3e-05	4
-	3.83		0	AR1254-B	0.0000	-------	-
-	4.12		0	AR1254-C	0.0000	-------	-
-	4.23		0	AR1254-D	0.0000	-------	-
			97			6.3e-05	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 Peaks)	# PEAKS USED
23	4.49	BB	197	AR1260-A	-0.0270	-7e-03	4
-	4.65		0	AR1260-B	0.0000	-------	-
-	5.33		0	AR1260-C	0.0000	-------	-
26	5.58	BB	390	AR1260-D	-5e-04	-1e-04	4
			587			-7e-03	

7A

CONFIRMATION COLUMN

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 A ICAL Date(s) Analyzed:

Column: ZB-35 03/14/2006 to: 03/14/2006

CCV ID: ICM54VB Date/Time: 03/27/2006 16:33

FILE ID: H:\TURBO6\5890-19\19A48011.raw

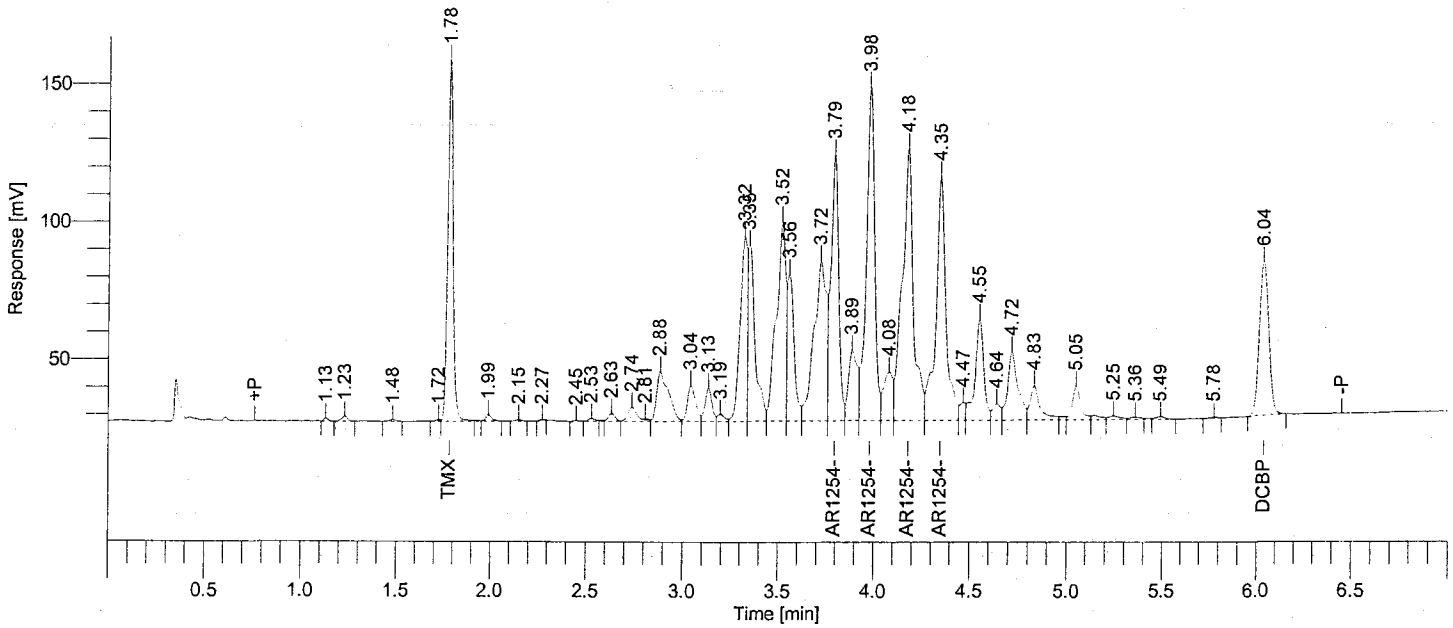
		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.78	1.70	1.86	0.0271	0.0300	-9.7
AR1254	3.98	3.90	4.06	0.5220	0.500	4.4
DCBP	6.04	5.96	6.12	0.0279	0.0300	-6.9

Ave %D = 7.0

* Value >15.0% Difference

Software Version	: 6.2.1.0.104:0104	Date	: 03/28/2006 08:29:32
Reprocess Number	: buf2042: 98048		
Operator	: tchrom	Sample Name	: ICM54VB
Sample Number	: 0.5ng	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/27/2006 16:33:18	Cycle	: 11

Raw Data File : H:\TURBO6\5890-19\19A48011.raw <Modified>
Result File : H:\TURBO6\5890-19\19A48011.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A48011.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A48011.rst
Calib Method : h:\turbo6\5890-19\sa54(03-14-06).mth from H:\TURBO6\5890-19\19A48011.rst
Report Format File: h:\turbo6\5890-19\s%d.rpt
Sequence File : H:\TURBO6\5890-19\19D48.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
1.78	VV	259905	TMX	0.0271	9.5947e+06	5.1981e+05	-9.7	1.71 - 1.85
3.98		1381403	AR1254	0.5219	2.6466e+06	2.7628e+06	4.4	3.91 - 4.05
6.04	BB	195657	DCBP	0.0279	7.0031e+06	3.9131e+05	-6.9	5.97 - 6.11
		1836964		0.5770		3.6739e+06		

3/28/06

03/28/2006 08:29:32 Result: H:\TURBO6\5890-19\19A48011.rst

Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
3.79	VV	278020	AR1254-A	0.5201	5.3452e+05	5.5604e+05	4.0	3.72 - 3.86
3.98	VV	362917	AR1254-B	0.5051	7.1845e+05	7.2583e+05	1.0	3.91 - 4.05
4.18	VV	409655	AR1254-C	0.5382	7.6118e+05	8.1931e+05	7.6	4.11 - 4.25
4.35	VV	330811	AR1254-D	0.5230	6.3249e+05	6.6162e+05	4.6	4.28 - 4.42
		1381403		2.0865		2.7628e+06		

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 B ICAL Date(s) Analyzed:

Column: ZB-5 03/14/2006 to: 03/14/2006

CCV ID: ICM54VB Date/Time: 03/27/2006 16:33

FILE ID: H:\TURBO6\5890-19\19B48011.raw

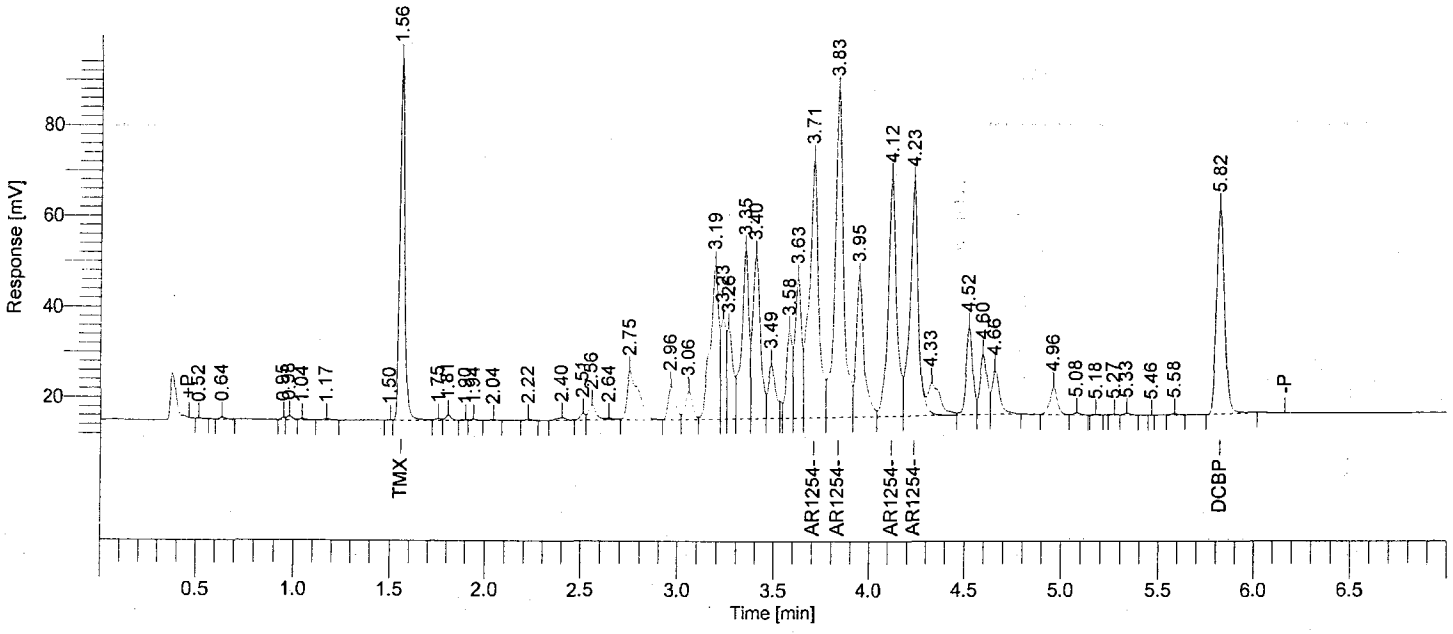
		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.56	1.48	1.64	0.0296	0.0300	-1.4
AR1254	3.83	3.75	3.91	0.4919	0.500	-1.6
DCBP	5.82	5.74	5.90	0.0282	0.0300	-5.9

Ave %D = 3.0

* Value >15.0% Difference

Software Version	: 6.2.1.0.104:0104	Date	: 03/28/2006 08:38:09
Reprocess Number	: buf2042: 98073		
Operator	: tchrom	Sample Name	: ICM54VB
Sample Number	: 0.5ng	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/27/2006 16:33:18	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19B48011.raw <Modified>
Result File : H:\TURBO6\5890-19\19B48011.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B48011.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B48011.rst
Calib Method : h:\turbo6\5890-19\sb54(03-14-06).mth from H:\TURBO6\5890-19\19B48011.rst
Report Format File: h:\turbo6\5890-19\s%d.rpt
Sequence File : H:\TURBO6\5890-19\19D48.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative -	RT Window
1.56	VV	143276	TMX	0.0296	4.8446e+06	2.8655e+05	-1.4	1.49 -	1.63
3.83		742738	AR1254	0.4919	1.5099e+06	1.4855e+06	-1.6	3.76 -	3.90
5.82	BB	134663	DCBP	0.0282	4.7691e+06	2.6933e+05	-5.9	5.75 -	5.89
		1020677		0.5497		2.0414e+06			

3/28/06

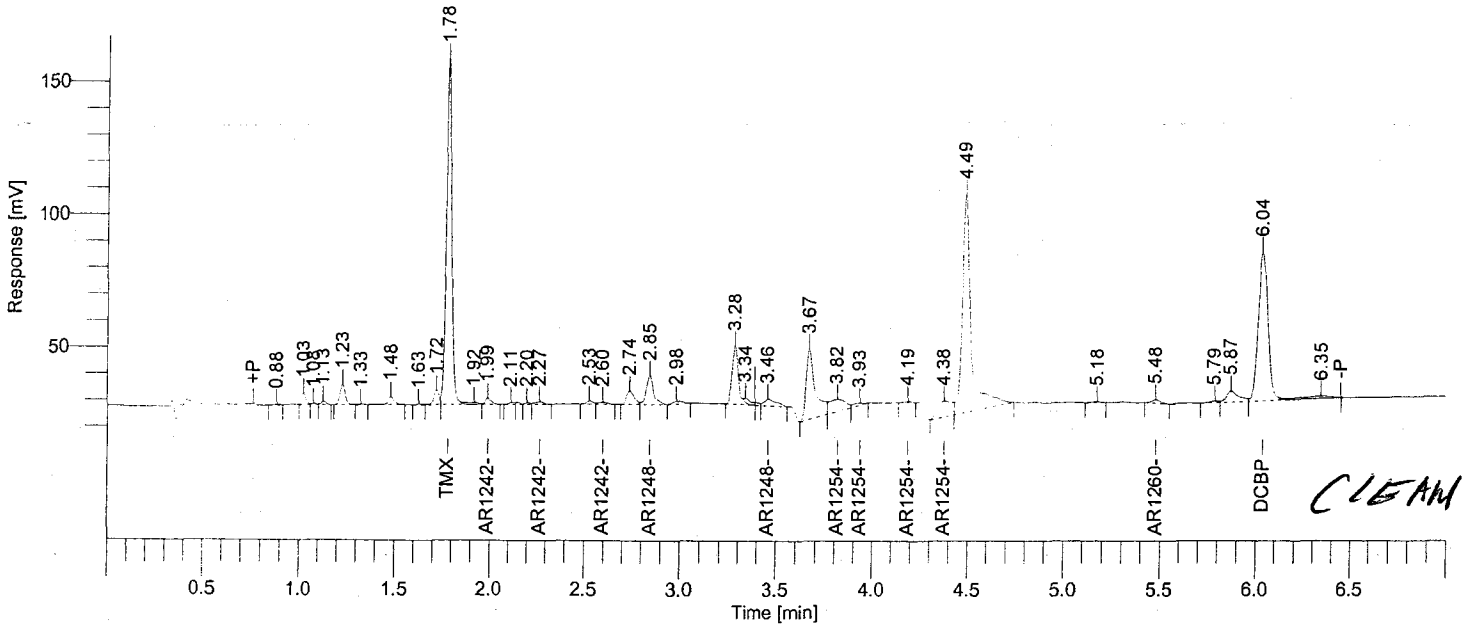
03/28/2006 08:38:09 Result: H:\TURBO6\5890-19\19B48011.rst

Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
3.71	VV	190594	AR1254-A	0.4939	3.8589e+05	3.8119e+05	-1.2	3.64 - 3.78
3.83	VV	230880	AR1254-B	0.4902	4.7094e+05	4.6176e+05	-2.0	3.76 - 3.90
4.12	VV	162706	AR1254-C	0.4874	3.3383e+05	3.2541e+05	-2.5	4.05 - 4.19
4.23	VE	158557	AR1254-D	0.4968	3.1919e+05	3.1711e+05	-0.6	4.16 - 4.30
		742738		1.9683		1.4855e+06		

Software Version	: 6.2.1.0.104:0104	Date	: 03/28/2006 08:29:38
Reprocess Number	: buf2042: 98050		
Operator	: tchrom	Sample Name	: ICM3JN
Sample Number	: 0.03ng	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/27/2006 16:51:27	Cycle	: 12

Raw Data File : H:\TURBO6\5890-19\19A48012.raw <Modified>
Result File : H:\TURBO6\5890-19\19A48012.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A48012.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A48012.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(03-14-06).mth from H:\TURBO6\5890-19\19A48012.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D48.seq

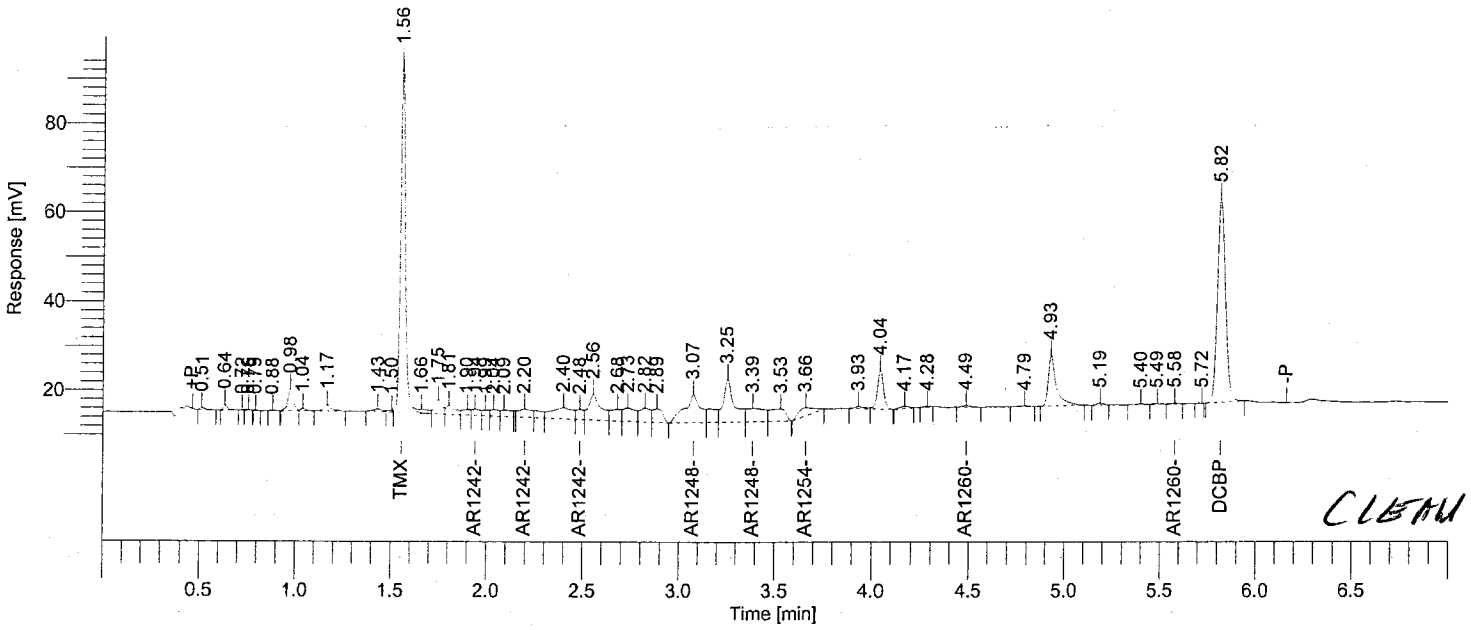


Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
10	1.78	VE	256357	TMX	0.0267	-------	0
	1.99		11139	~~AR1242~~	0.0087	0.0022	4
	2.85		40438	~~AR1248~~	0.0248	0.0062	4
	4.38		65990	~~AR1254~~	0.0249	0.0062	4
34	6.04	VE	196247	DCBP	0.0280	-------	0
			570171			0.0146	

3/28/06

Software Version	: 6.2.1.0.104:0104	Date	: 03/28/2006 08:29:41
Reprocess Number	: buf2042: 98051		
Operator	: tchrom	Sample Name	: ICM3JN
Sample Number	: 0.03ng	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/27/2006 16:51:27	Cycle	: 12

Raw Data File : H:\TURBO6\5890-19\19B48012.raw <Modified>
Result File : H:\TURBO6\5890-19\19B48012.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B48012.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B48012.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(03-14-06).mth from H:\TURBO6\5890-19\19B48012.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D48.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
12	1.56	VE	142569	TMX	0.0294	-------	0
	2.48		19598	~~AR1242~~	0.0264	0.0066	4
	3.07		56137	~~AR1248~~	0.0603	0.0151	4
	3.66		9998	~~AR1254~~	0.0066	0.0017	4
46	5.82	BB	133565	DCBP	0.0280	-------	0
			361867			0.0233	

3/28/06

Raw QC Data

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

Method Blank

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B1590402

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 19B48002.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: _____ _____

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 03/26/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 03/27/2006

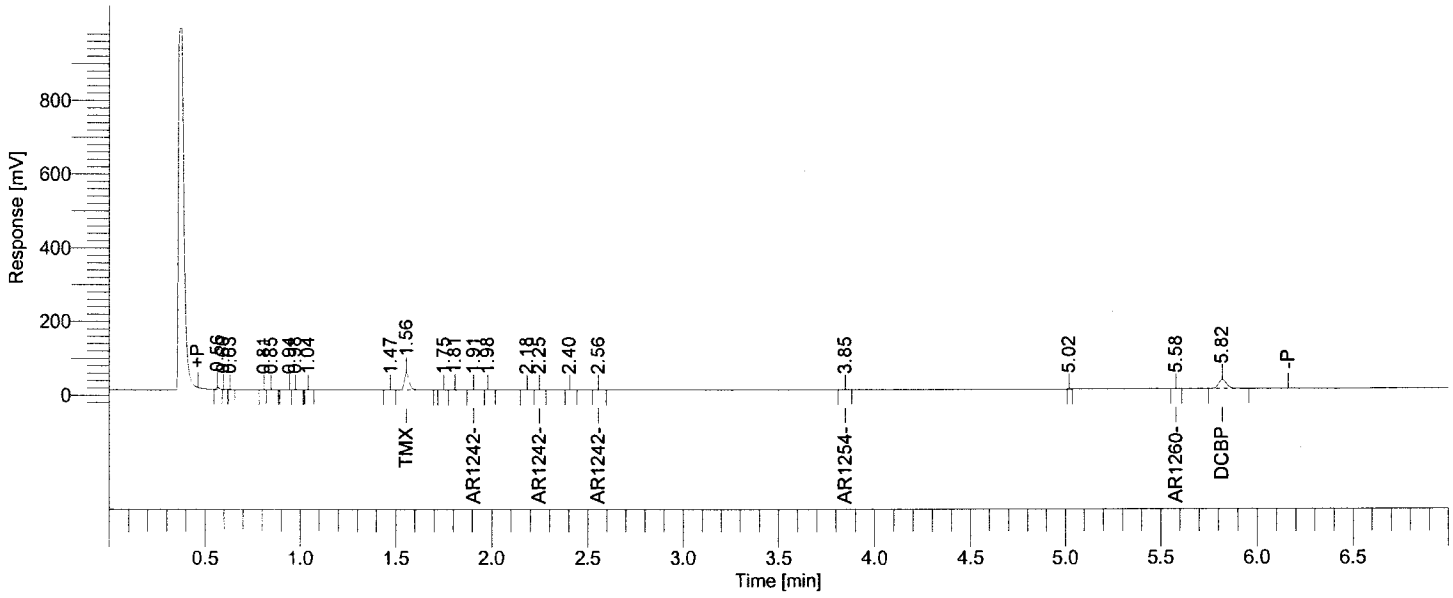
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.50	U
11104-28-2	Aroclor 1221	0.50	U
11141-16-5	Aroclor 1232	0.50	U
53469-21-9	Aroclor 1242	0.50	U
12672-29-6	Aroclor 1248	0.50	U
11097-69-1	Aroclor 1254	0.50	U
11096-82-5	Aroclor 1260	0.50	U

Software Version	: 6.2.1.0.104:0104	Date	: 03/28/2006 08:28:28
Reprocess Number	: buf2042: 98031		
Operator	: tchrom	Sample Name	: AW60016813MBLK
Sample Number	: A6B1590402	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/27/2006 13:50:09	Cycle	: 2

Raw Data File : H:\TURBO6\5890-19\19B48002.raw <Modified>
Result File : H:\TURBO6\5890-19\19B48002.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B48002.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B48002.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(03-14-06).mth from H:\TURBO6\5890-19\19B48002.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D48.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
10	1.56	VV	85140	TMX	0.0176	-------	0
22	5.82	BB	69284	DCBP	0.0145	-------	0
			154424			0.0000	

LD 3.29.06

03/28/2006 08:28:28 Result: H:\TURBO6\5890-19\19B48002.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
13	1.91	VV	1681	AR1242-A	0.0183	0.0046	4
16	2.25	VB	224	AR1242-B	0.0012	3.1e-04	4
18	2.56	BB	355	AR1242-C	0.0011	2.7e-04	4
-	2.61		0	AR1242-D	0.0000	-------	-
			2261			0.0052	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.96		0	AR1248-A	0.0000	-------	-
-	3.05		0	AR1248-B	0.0000	-------	-
-	3.19		0	AR1248-C	0.0000	-------	-
-	3.41		0	AR1248-D	0.0000	-------	-
			0			0.0000	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.70		0	AR1254-A	0.0000	-------	-
19	3.85	BB	161	AR1254-B	3.4e-04	8.6e-05	4
-	4.12		0	AR1254-C	0.0000	-------	-
-	4.23		0	AR1254-D	0.0000	-------	-
			161			8.6e-05	

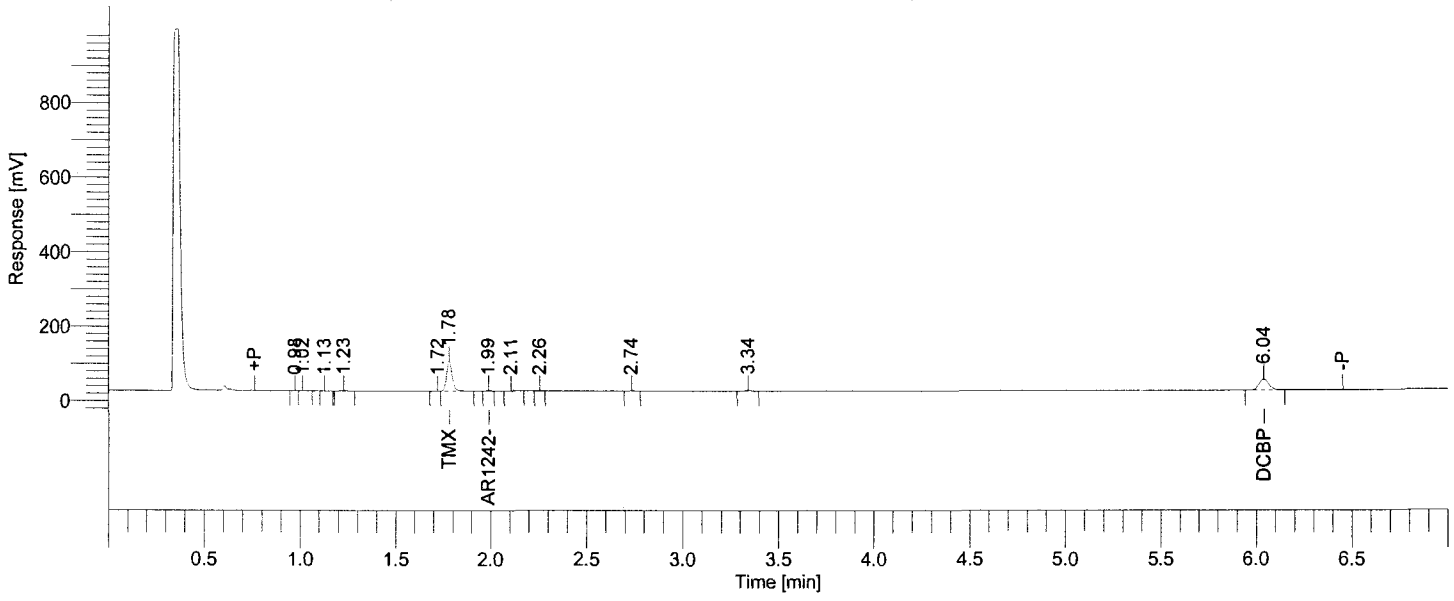
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.52		0	AR1260-A	0.0000	-------	-
-	4.65		0	AR1260-B	0.0000	-------	-
-	5.33		0	AR1260-C	0.0000	-------	-
21	5.58	BB	128	AR1260-D	-7e-03	-2e-03	4
			128			-2e-03	

HA 3.29.06

Software Version	: 6.2.1.0.104:0104	Date	: 03/28/2006 08:28:23
Reprocess Number	: buf2042: 98030		
Operator	: tchrom	Sample Name	: AW60016813MBLK
Sample Number	: A6B1590402	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/27/2006 13:50:09	Cycle	: 2

Raw Data File : H:\TURBO6\5890-19\19A48002.raw <Modified>
Result File : H:\TURBO6\5890-19\19A48002.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A48002.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A48002.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(03-14-06).mth from H:\TURBO6\5890-19\19A48002.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D48.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
6	1.78	VB	159342	TMX	0.0166	-------	0
12	6.04	BB	100921	DCBP	0.0144	-------	0
			260263			0.0000	

LD
3.29.06

03/28/2006 08:28:23 Result: H:\TURBO6\5890-19\19A48002.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
7	1.99	BB	1952	AR1242-A	0.0114	0.0029	4
-	2.31		0	AR1242-B	0.0000	-------	-
-	2.45		0	AR1242-C	0.0000	-------	-
-	2.63		0	AR1242-D	0.0000	-------	-
			1952			0.0029	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.88		0	AR1248-A	0.0000	-------	-
-	3.04		0	AR1248-B	0.0000	-------	-
-	3.13		0	AR1248-C	0.0000	-------	-
-	3.48		0	AR1248-D	0.0000	-------	-
			0			0.0000	

LA 3.29.06

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.79		0	AR1254-A	0.0000	-------	-
-	3.98		0	AR1254-B	0.0000	-------	-
-	4.18		0	AR1254-C	0.0000	-------	-
-	4.35		0	AR1254-D	0.0000	-------	-
			0			0.0000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.83		0	AR1260-A	0.0000	-------	-
-	5.05		0	AR1260-B	0.0000	-------	-
-	5.36		0	AR1260-C	0.0000	-------	-
-	5.49		0	AR1260-D	0.0000	-------	-
			0			0.0000	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

Matrix Spike Blank

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B1590401

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 19B48001.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: _____ _____

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 03/26/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 03/27/2006

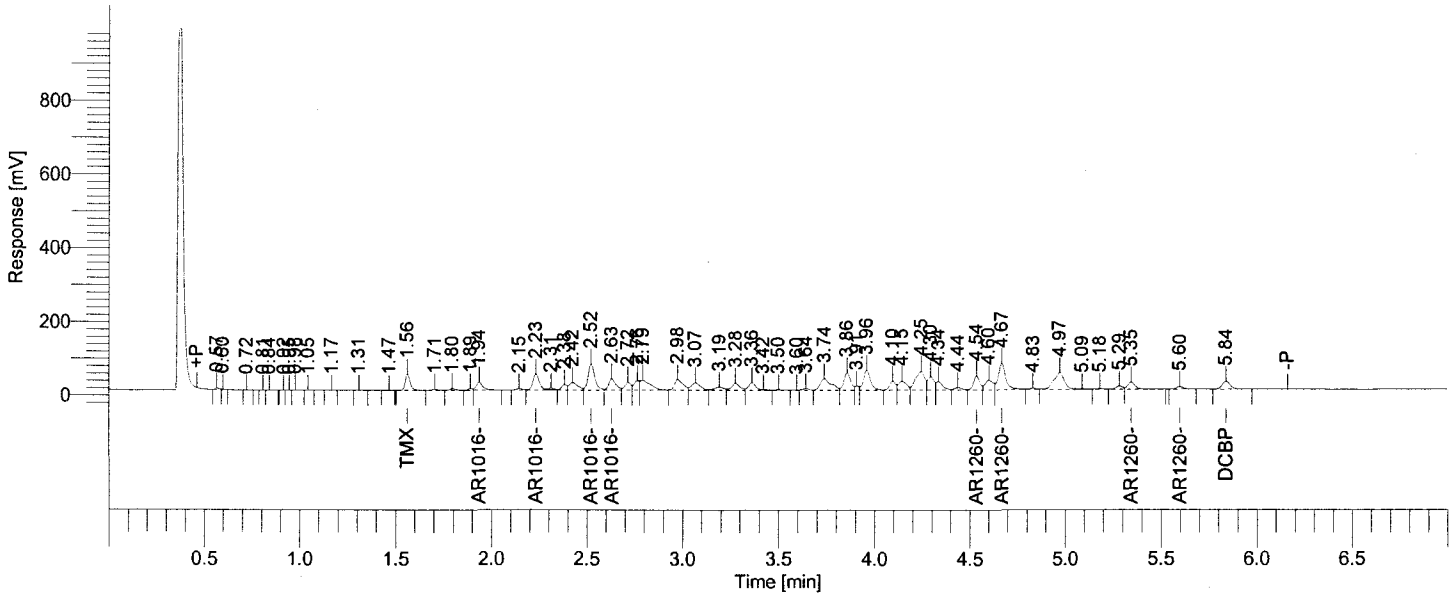
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	4.5	
11104-28-2	Aroclor 1221	0.50	U
11141-16-5	Aroclor 1232	0.50	U
53469-21-9	Aroclor 1242	0.50	U
12672-29-6	Aroclor 1248	0.50	U
11097-69-1	Aroclor 1254	0.50	U
11096-82-5	Aroclor 1260	4.7	

Software Version	: 6.2.1.0.104:0104	Date	: 03/28/2006 08:35:18
Reprocess Number	: buf2042: 98072		
Operator	: tchrom	Sample Name	: AW60016812MSB
Sample Number	: A6B1590401	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/27/2006 13:32:02	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19B48001.raw <Modified>
Result File : H:\TURBO6\5890-19\19B48001.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B48001.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B48001.rst
Calib Method : h:\turbo6\5890-19\sb66(03-14-06).mth from H:\TURBO6\5890-19\19B48001.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D48.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
13	1.56	VV	78704	TMX	0.0162	-------	0
	2.52		398001	~~AR1016~~	~~0.4498~~	0.1124	4
	4.67		350890	~~AR1260~~	~~0.4791~~	0.1198	4
57	5.84	BB	60932	DCBP	0.0128	-------	0
			888527			0.2322	

AD 3.28.06

03/28/2006 08:35:18 Result: H:\TURBO6\5890-19\19B48001.rst

Group Report For : AR1016

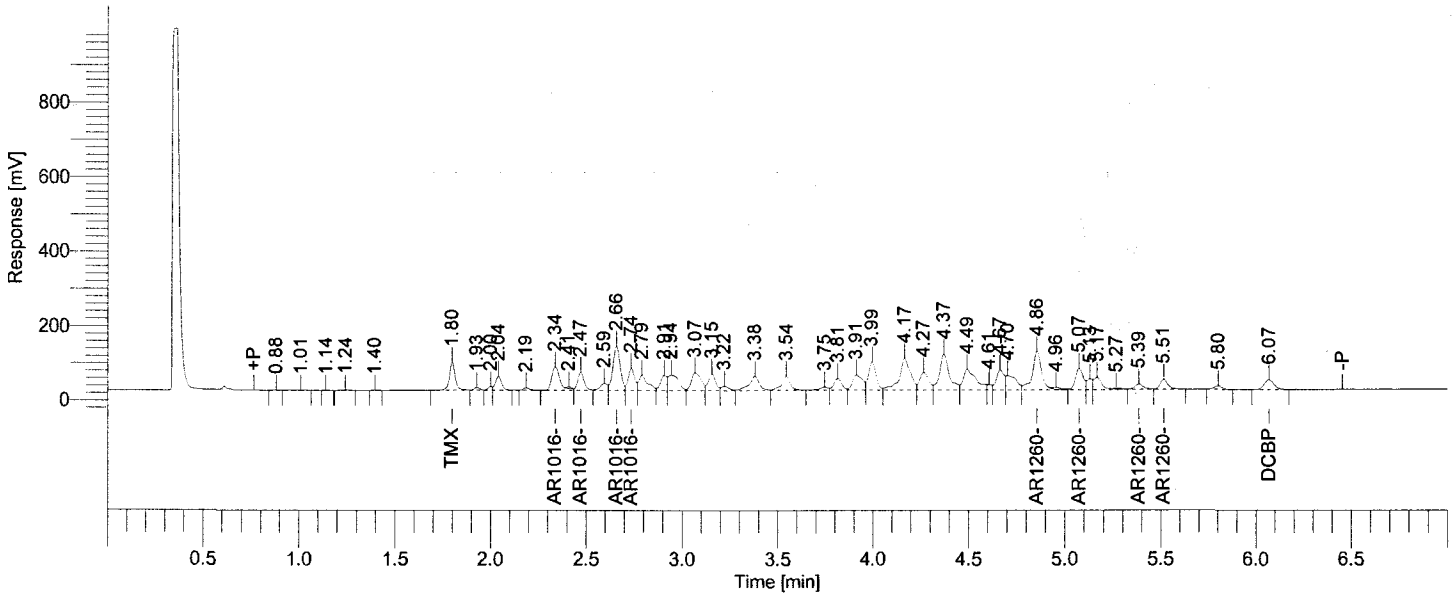
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
17	1.94	VB	45908	AR1016-A	0.4461	0.1115	4
19	2.23	VE	99621	AR1016-B	0.4557	0.1139	4
23	2.52	VV	172234	AR1016-C	0.4436	0.1109	4
24	2.63	VV	80238	AR1016-D	0.4579	0.1145	4
			398001			0.4508	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
47	4.54	VV	87882	AR1260-A	0.4764	0.1191	4
49	4.67	VV	194031	AR1260-B	0.4861	0.1215	4
55	5.35	VV	51958	AR1260-C	0.4702	0.1175	4
56	5.60	VB	17019	AR1260-D	0.4469	0.1117	4
			350890			0.4699	

Software Version	: 6.2.1.0.104:0104	Date	: 03/28/2006 08:28:15
Reprocess Number	: buf2042: 98028		
Operator	: tchrom	Sample Name	: AW60016812MSB
Sample Number	: A6B1590401	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 03/27/2006 13:32:02	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19A48001.raw <Modified>
Result File : H:\TURBO6\5890-19\19A48001.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A48001.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A48001.rst
Calib Method : h:\turbo6\5890-19\sa66(03-14-06).mth from H:\TURBO6\5890-19\19A48001.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D48.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
6	1.80	BV	162244	TMX	0.0169	-------	0
	2.66		758632	~~AR1016~~	~~0.4623~~	0.1156	4
	4.86		620398	~~AR1260~~	~~0.4652~~	0.1163	4
45	6.07	BB	90094	DCBP	0.0129	-------	0
			1631367			0.2319	

LD
3-29-06

03/28/2006 08:28:15 Result: H:\TURBO6\5890-19\19A48001.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
11	2.34	VE	190981	AR1016-A	0.4744	0.1186	4
13	2.47	VV	115636	AR1016-B	0.4647	0.1162	4
15	2.66	VV	312936	AR1016-C	0.4581	0.1145	4
16	2.74	VV	139078	AR1016-D	0.4541	0.1135	4
			758632			0.4628	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
36	4.86	VE	338340	AR1260-A	0.4671	0.1168	4
38	5.07	VV	159848	AR1260-B	0.4615	0.1154	4
42	5.39	VV	45771	AR1260-C	0.4743	0.1186	4
43	5.51	VB	76438	AR1260-D	0.4593	0.1148	4
			620398			0.4656	

STL Buffalo
Date: 03/31/2006
Time: 08:21:30

Organic Prep Log Book
(3510C) 8082 WATER
A6B15904 (Closed)

Rept: AN050

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 1000.00 ul

Date Ext/Initials: 03/26/2006 KAS

Date Cleanup/Initials: 03/26/2006 KAS

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: 03/26/2006 KAS

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	Protoc	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A06-3143	A6314301	A	FS	AW60016796	PCBS	SW8463	8082	A00035			6.00	1050.0000	10.00
A06-3143	A6314302	A	FS	AW60016797	PCBS	SW8463	8082	A00035			6.00	1042.0000	10.00
A06-3143	A6314303	A	FS	AW60016798	PCBS	SW8463	8082	A00035			6.00	1048.0000	10.00
A06-3143	A6314304	A	FS	AW60016799	PCBS	SW8463	8082	A00035			6.00	1048.0000	10.00
A06-3143	A6314305	A	FS	AW60016800	PCBS	SW8463	8082	A00035			6.00	1050.0000	10.00
A06-3144	A6314401	A	FS	AW60016801	PCBS	SW8463	8082	A00035			6.00	1050.0000	10.00
A06-3144	A6314402	A	FS	AW60016802	PCBS	SW8463	8082	A00035			6.00	1048.0000	10.00
A06-3144	A6314403	A	FS	AW60016803	PCBS	SW8463	8082	A00035			6.00	1048.0000	10.00
A06-3144	A6314404	A	FS	AW60016804	PCBS	SW8463	8082	A00035			6.00	1048.0000	10.00
A06-3144	A6314405	A	FS	AW60016805	PCBS	SW8463	8082	A00035			6.00	1038.0000	10.00
A06-3144	A6314406	A	FS	AW60016806	PCBS	SW8463	8082	A00035			6.00	1036.0000	10.00
A06-3144	A6314407	A	FS	AW60016807	PCBS	SW8463	8082	A00035			6.00	1046.0000	10.00
A06-3144	A6314408	A	FS	AW60016808	PCBS	SW8463	8082	A00035			6.00	1038.0000	10.00
A06-3144	A6314408MS	A	MS	AW60016809	PCBS	SW8463	8082	A00035	A00222		6.00	1040.0000	10.00
A06-3144	A6314408SD	A	SD	AW60016810	PCBS	SW8463	8082	A00035	A00222		6.00	1050.0000	10.00
A06-3144	A6314409	A	FS	AW60016811	PCBS	SW8463	8082	A00035			6.00	1050.0000	10.00

STL Buffalo
Date: 03/31/2006
Time: 08:21:30

Organic Prep Log Book
(3510C) 8082 WATER
A6B15904 (Closed)

Rept: AN050

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 1000.00 ul

Date Ext/Initials: 03/26/2006 KAS

Date Cleanup/Initials: 03/26/2006 KAS

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: 03/26/2006 KAS

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	Protoc	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A6B15904	A6B1590401	Z	MSB	AW60016812	PCBS	SW8463	8082	A00035	A00222	_____	5.00	1000.0000	10.00
A6B15904	A6B1590402	Z	MBLK	AW60016813	PCBS	SW8463	8082	A00035	_____	_____	5.00	1000.0000	10.00

Comments:

233/1091

STL Buffalo
Date: 03/26/2006
Time: 08:29:06

Organic Prep Log Book
(3510C) 8082 WATER
A6B15904

Rept: AN05C

SURROGATE A35
Expiration Date: 9-3-06
Prepared by: CM
Spiked by: [illegible]
Witnessed by: [illegible]
1000.00 ul

MATRIX SPIKE A222
Expiration Date: 9-5-06
Prepared by: [illegible]
Spiked by: [illegible]
Witnessed by: [illegible]
1000.00 ul

MeCl2: C09E84
Acetone:
Hexane:
Na2So4: 2-29-06
1:1 H2SO4:
10 N NaOH:

Date Ext/Initials: 03/26/2006 KAS
Date Cleanup/Initials: 03/26/2006 KAS
Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS
Date Conc/Initials: 03/26/2006 KAS

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	Protoc	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A06-3143	A6314301	A	FS	AW60016796	PCBS	SW8463	8082	A00035		orange	4	1050	10.0
A06-3143	A6314302		FS	AW60016797	PCBS	SW8463	8082	A00035				1042	
A06-3143	A6314303		FS	AW60016798	PCBS	SW8463	8082	A00035				1048	
A06-3143	A6314304		FS	AW60016799	PCBS	SW8463	8082	A00035				1048	
A06-3143	A6314305		FS	AW60016800	PCBS	SW8463	8082	A00035				1050	
A06-3144	A6314401		FS	AW60016801	PCBS	SW8463	8082	A00035				1050	
A06-3144	A6314402		FS	AW60016802	PCBS	SW8463	8082	A00035				1048	
A06-3144	A6314403		FS	AW60016803	PCBS	SW8463	8082	A00035				1048	
A06-3144	A6314404		FS	AW60016804	PCBS	SW8463	8082	A00035		light yellow		1048	
A06-3144	A6314405		FS	AW60016805	PCBS	SW8463	8082	A00035		↓		1038	
A06-3144	A6314406		FS	AW60016806	PCBS	SW8463	8082	A00035		Orange		1036	
A06-3144	A6314407		FS	AW60016807	PCBS	SW8463	8082	A00035		Clear		1046	
A06-3144	A6314408		FS	AW60016808	PCBS	SW8463	8082	A00035		tan		1038	
A06-3144	A6314408MS		MS	AW60016809	PCBS	SW8463	8082	A00035	A00222			1040	
A06-3144	A6314408SD		SD	AW60016810	PCBS	SW8463	8082	A00035	A00222			1050	
A06-3144	A6314409	↓	FS	AW60016811	PCBS	SW8463	8082	A00035		orange	↓	1050	↓

STL Buffalo
Date: 03/26/2006
Time: 08:29:06

Organic Prep Log Book
(3510C) 8082 WATER
A6B15904

Rept: AN050

234/1091

SURROGATE
Expiration Date: _____
Prepared by: _____
Spiked by: _____ 0.00 ul
Witnessed by: _____

MATRIX SPIKE
Expiration Date: _____
Prepared by: _____
Spiked by: _____ 0.00 ul
Witnessed by: _____

MeCl2: _____
Acetone: _____
Hexane: _____
Na2So4: _____
1:1 H2SO4: _____
10 N NaOH: _____

Date Ext/Initials: 03/26/2006 KAS

Date Cleanup/Initials: 03/26/2006 KAS

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: 03/26/2006 KAS

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	Protoc	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A6B15904	A6B1590401	_____	MSB	AW60016812	PCBS	SW8463	8082	A00035	A00222	clear	~5	1000	10.0
A6B15904	A6B1590402	_____	MBLK	AW60016813	PCBS	SW8463	8082	A00035	_____	↓	↓	↓	↓

Comments: gas flow checked KAS 3/26/06

rclg - 3-27-06 7:10 mw

235/1091

GC INJECTION LOG BOOK

INSTRUMENT ID HP5890-19 COLUMN ID'S A ZB-5 B ZB-30 SEQUENCE 00003294/47

SYRINGE LOT # SOLVENT LOT #

DATE & INIT.	JOB #	A VIAL ID	DF	B VIAL ID	DF	FILE ID A	FILE ID B	GC METHOD	PROCESS Y/N	COMMENTS
3/17/94 MD	—	PRIMA				64			—	
	—					65			—	
	CCV	ICM46MB	0.5							
	CCV	ICM54VA	0.5							
	CCV	ICM48SA	0.5							
	CCV	ICM42TA	0.5							
	CCV	ICM32HA	0.5			70				
	CCV	ICM21SA	0.5							
	IBLK	ICM35N	0.5							
3/17/94 MD	—	PRIMA				01			—	NEW SEQUENCE 47
	—								—	
	—								—	
	—								—	
	—					05			—	
	—								—	
	—								—	
	—								—	
	—								—	
	—								—	
	—					10		—	—	
	ICAL	ICM21SA	0.5					8082	Y	4 Points (Peaks) Used for All PCBs
	ACM	ACM21QA	0.5	2nd Source						OK
	ICAL	ICM32HA	0.5							
	ACM	ACM32CA	0.5	2nd Source						OK
	ICAL	ICM42TA	0.5			15				
	ACM	ACM42PA	0.5	2nd Source						OK
	ICAL	ICM48SA	0.5							
	ACM	ACM48NA	0.5	2nd Source		18				OK

GC INJECTION LOG BOOK

INSTRUMENT ID HP 5890-19 COLUMN ID'S A ZB-5 B ZB-35 SEQUENCE 47

SYRINGE LOT # SOLVENT LOT #

236/1091

DATE & INIT.	JOB #	A VIAL ID	A DF	B VIAL ID	B DF	FILE ID A	FILE ID B	GC METHOD	PROCESS Y / N	COMMENTS
3/14/06	ICAL	ICM54VA				19			Y	
	ACM	ACM54SA		2nd Source		20				OK
	ICAL	ICM66MC	25							
		ND	10							
		NB	05							
		NE	0.25							
		NF	01			25				
		NG	005							
		NE	0.025							
	ACM	ACM66FA	06	2nd Source						ok
	CCV	ICM66MB	05							
	CCV	ICM54VA	05			30				
	CCV	ICM48SA	05							
	CCV	ICM42TA	05							
	CCV	ICM32HA	05							
	CCV	ICM21SA	05							
	IBLK	ICM3JM	03			35				
3/15/06	—	PRIMER								
	—									
	—									
	CCV	ICM66NB	05							
	CCV	ICM54VA	05			40				
	IBLK	ICM3JM	03							
And Silon	—	PRIMER							—	
	—								—	
	—			CPW 3/16/06					—	
✓	CCV	ICM66MB NB05				45				

SEVERN TRENT LABORATORIES, INC. – BUFFALO

000033

REVIEWED BY

237/1091

GC INJECTION LOG BOOK

INSTRUMENT ID HP5892-19 COLUMN ID'S A ZB-5 B ZB-35 SEQUENCE 40/48

SYRINGE LOT # SOLVENT LOT #

DATE & INIT.	JOB #	A VIAL ID	A DF	B VIAL ID	B DF	FILE ID A	FILE ID B	GC METHOD	PROCESS Y/N	COMMENTS
3/27/06 DYB	CCV	ICM66NH	0.5			151				AOK BOK
	IBLK	ICM3JN	0.03							Aclear Bclear
3-27-06 DYB		primer							—	
		primer							—	
		primer				185			—	
	CCV	ICM66NH	0.5							AOK BOK
		ICM54VB								AOK BOK
		ICM48SA								AOK BOK
		ICM42TA								AOK BOK
		ICM32NA				190				AOK BOK
		ICM21SA								AOK BOK
	IBLK	ICM3JDN	0.03 3/28/06							Aclear Bclear
	QC	AW6001681 2	MSB			1				New Sequence 48
	1	16813	MBLK							
	3143	16796								
		16797								
		16798				5				
		16799								
		16800								
	3144	16801								
		16802								
		16803				10				
	CCV	ICM54VB	0.5							A OK B OK
	IBLK	ICM3JDN	0.03 3/28/06							A CLEAN B CLEAN
	3144	AW6001680 4								
		16805								
		16806				15				

REVIEWED BY

Metals Data

STL BUFFALO

Ecology & Environment, Inc.

COVER PAGE - INORGANIC ANALYSIS DATA PACKAGE

Contract: NY04-571 SDG No.: A06-3143

Lab Code: STLBFLO Case No.: SAS No.:

SOW No.:

Sample ID.	Lab Sample No.
NM-MW-06-GW	A6314301
NM-MWDEC-GW	A6314305
NM-MWMPI-01-GW	A6314302
NM-MWMPI-02-GW	A6314303
NM-MWMPI-04-GW	A6314304

Were ICP interelement corrections applied? Yes/No YES

Were ICP background corrections applied? Yes/No YES

If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Tony Bogolin Name: Tony Bogolin

Date: 4/10/06 Title: Project Manager

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-06-GW

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3143

Matrix (soil/water): WATER Lab Sample ID: AD613835

Level (low/med): LOW Date Received: 3/24/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1160			P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	106			P
7440-41-7	Beryllium	0.14			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	63300			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	10700			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	14900			P
7439-96-5	Manganese	715			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	1160			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	61400			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MWDEC-GW

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3143

Matrix (soil/water): WATER Lab Sample ID: AD613839

Level (low/med): LOW Date Received: 3/24/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	92.3			P
7440-41-7	Beryllium	0.15			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	165000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	22200			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	30900			P
7439-96-5	Manganese	821			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	15400			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	14800			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MWMPI-01-GW

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3143

Matrix (soil/water): WATER Lab Sample ID: AD613836

Level (low/med): LOW Date Received: 3/24/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	874			P
7440-41-7	Beryllium	0.20			P
7440-43-9	Cadmium	1.2			P
7440-70-2	Calcium	202000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	92100			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	40800			P
7439-96-5	Manganese	399			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	3370			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	6540			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MWMPI-02-GW

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3143

Matrix (soil/water): WATER Lab Sample ID: AD613837

Level (low/med): LOW Date Received: 3/24/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	917			P
7440-41-7	Beryllium	0.21			P
7440-43-9	Cadmium	1.6			P
7440-70-2	Calcium	218000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	96600			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	38200			P
7439-96-5	Manganese	434			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	3460			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	8010			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MWMPI-04-GW

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3143

Matrix (soil/water): WATER Lab Sample ID: AD613838

Level (low/med): LOW Date Received: 3/24/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	850			P
7440-41-7	Beryllium	0.18			P
7440-43-9	Cadmium	1.8			P
7440-70-2	Calcium	184000			P
7440-47-3	Chromium	5.1			P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	93400			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	35300			P
7439-96-5	Manganese	214			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	4560			P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	10100			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Barium	375.0	368.34	98.2	500.0	489.79	98.0	489.77	98.0	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Barium				500.0	485.75	97.2	482.17	96.4	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Barium				500.0	485.09	97.0			P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum	18750.0	18538.76	98.9	25000.0	24715.06	98.9	25249.61	101.0	P
Antimony	375.0	367.82	98.1	500.0	493.62	98.7	508.18	101.6	P
Arsenic	375.0	362.25	96.6	500.0	486.04	97.2	495.52	99.1	P
Beryllium	375.0	374.55	99.9	500.0	498.05	99.6	507.52	101.5	P
Cadmium	375.0	368.97	98.4	500.0	488.86	97.8	495.56	99.1	P
Calcium	18750.0	18658.83	99.5	25000.0	24977.59	99.9	25737.80	103.0	P
Chromium	375.0	377.44	100.7	500.0	500.20	100.0	504.91	101.0	P
Cobalt	375.0	374.39	99.8	500.0	496.28	99.3	501.19	100.2	P
Copper	375.0	383.08	102.2	500.0	513.31	102.7	525.95	105.2	P
Iron	18750.0	18960.36	101.1	25000.0	25098.26	100.4	25299.93	101.2	P
Lead	375.0	373.16	99.5	500.0	498.02	99.6	506.30	101.3	P
Magnesium	18750.0	18970.83	101.2	25000.0	24967.36	99.9	25088.80	100.4	P
Manganese	375.0	384.49	102.5	500.0	509.22	101.8	512.35	102.5	P
Nickel	375.0	373.82	99.7	500.0	495.79	99.2	507.27	101.5	P
Potassium	18750.0	18508.71	98.7	25000.0	24914.65	99.7	25256.60	101.0	P
Selenium	375.0	371.51	99.1	500.0	496.97	99.4	503.75	100.8	P
Silver	375.0	362.00	96.5	500.0	486.57	97.3	498.92	99.8	P
Thallium	375.0	370.38	98.8	500.0	498.39	99.7	513.22	102.6	P
Vanadium	375.0	375.08	100.0	500.0	498.10	99.6	507.76	101.6	P
Zinc	375.0	376.96	100.5	500.0	495.28	99.1	501.96	100.4	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				25000.0	25616.74	102.5	25938.04	103.8	P
Antimony				500.0	511.28	102.3	521.50	104.3	P
Arsenic				500.0	502.22	100.4	509.20	101.8	P
Beryllium				500.0	510.53	102.1	516.62	103.3	P
Cadmium				500.0	497.55	99.5	501.64	100.3	P
Calcium				25000.0	26011.59	104.0	26407.20	105.6	P
Chromium				500.0	504.40	100.9	506.30	101.3	P
Cobalt				500.0	500.44	100.1	502.48	100.5	P
Copper				500.0	533.19	106.6	541.80	108.4	P
Iron				25000.0	25276.08	101.1	25300.82	101.2	P
Lead				500.0	509.77	102.0	517.53	103.5	P
Magnesium				25000.0	25392.62	101.6	25586.16	102.3	P
Manganese				500.0	510.82	102.2	511.52	102.3	P
Nickel				500.0	509.87	102.0	516.78	103.4	P
Potassium				25000.0	25320.64	101.3	25433.06	101.7	P
Selenium				500.0	508.61	101.7	516.30	103.3	P
Silver				500.0	506.34	101.3	514.74	102.9	P
Thallium				500.0	509.62	101.9	520.25	104.0	P
Vanadium				500.0	511.78	102.4	517.06	103.4	P
Zinc				500.0	503.00	100.6	507.16	101.4	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				25000.0	26036.84	104.1	26361.72	105.4	P
Antimony				500.0	516.55	103.3	528.89	105.8	P
Arsenic				500.0	511.76	102.4	524.27	104.9	P
Beryllium				500.0	516.07	103.2	521.83	104.4	P
Cadmium				500.0	499.72	99.9	504.16	100.8	P
Calcium				25000.0	26451.06	105.8	26914.90	107.7	P
Chromium				500.0	503.41	100.7	502.95	100.6	P
Cobalt				500.0	500.38	100.1	501.81	100.4	P
Copper				500.0	545.25	109.0	557.43	111.5	P
Iron				25000.0	25184.49	100.7	25116.16	100.5	P
Lead				500.0	516.70	103.3	523.16	104.6	P
Magnesium				25000.0	25512.52	102.1	25657.27	102.6	P
Manganese				500.0	509.04	101.8	508.23	101.6	P
Nickel				500.0	516.26	103.3	525.10	105.0	P
Potassium				25000.0	25530.80	102.1	25831.90	103.3	P
Selenium				500.0	517.98	103.6	521.75	104.4	P
Silver				500.0	517.45	103.5	529.44	105.9	P
Thallium				500.0	519.65	103.9	531.72	106.3	P
Vanadium				500.0	517.70	103.5	523.82	104.8	P
Zinc				500.0	504.47	100.9	508.29	101.7	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum	18750.0	19032.30	101.5	25000.0	25106.93	100.4	25168.72	100.7	P
Antimony	375.0	380.51	101.5	500.0	502.29	100.5	502.74	100.5	P
Arsenic	375.0	368.04	98.1	500.0	486.64	97.3	485.06	97.0	P
Beryllium	375.0	381.15	101.6	500.0	503.61	100.7	502.73	100.5	P
Cadmium	375.0	373.30	99.5	500.0	492.23	98.4	491.22	98.2	P
Calcium	18750.0	19001.22	101.3	25000.0	25217.55	100.9	25296.22	101.2	P
Chromium	375.0	380.22	101.4	500.0	502.94	100.6	498.72	99.7	P
Cobalt	375.0	376.87	100.5	500.0	498.94	99.8	494.63	98.9	P
Copper	375.0	393.64	105.0	500.0	521.96	104.4	522.09	104.4	P
Iron	18750.0	19074.64	101.7	25000.0	25183.94	100.7	24975.28	99.9	P
Lead	375.0	378.26	100.9	500.0	499.28	99.9	499.54	99.9	P
Magnesium	18750.0	19160.46	102.2	25000.0	25225.62	100.9	25246.05	101.0	P
Manganese	375.0	387.75	103.4	500.0	512.03	102.4	507.28	101.5	P
Nickel	375.0	380.82	101.6	500.0	502.32	100.5	503.23	100.6	P
Potassium	18750.0	18928.56	101.0	25000.0	25262.96	101.1	25033.75	100.1	P
Selenium	375.0	379.38	101.2	500.0	498.53	99.7	504.84	101.0	P
Silver	375.0	373.27	99.5	500.0	493.75	98.8	496.81	99.4	P
Sodium	18750.0	18963.66	101.1	25000.0	24925.52	99.7	25068.74	100.3	P
Thallium	375.0	384.48	102.5	500.0	506.09	101.2	508.31	101.7	P
Vanadium	375.0	381.39	101.7	500.0	503.29	100.7	502.39	100.5	P
Zinc	375.0	377.78	100.7	500.0	495.63	99.1	493.38	98.7	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Sodium	18750.0	18423.36	98.3	25000.0	25149.99	100.6	25354.00	101.4	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Sodium				25000.0	25563.57	102.3	24207.37	96.8	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury	3.0	3.04	101.3	2.0	2.16	108.0	2.09	104.5	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury				2.0	2.11	105.5	2.06	103.0	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG No.: A06-3143

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Barium				2.0	2.05	102.5	2.12	106.0

Comments:

STL BUFFALO

Ecology & Environment, Inc.
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG No.: A06-3143

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Aluminum				200.0	198.25	99.1	207.92	104.0
Antimony				20.0	18.78	93.9	18.87	94.4
Arsenic				10.0	8.50	85.0	9.15	91.5
Beryllium				2.0	1.98	99.0	2.05	102.5
Cadmium				1.0	0.89	89.0	0.97	97.0
Calcium				500.0	481.48	96.3	542.99	108.6
Chromium				4.0	4.11	102.8	3.80	95.0
Cobalt				4.0	3.82	95.5	3.78	94.5
Copper				10.0	9.47	94.7	8.62	86.2
Iron				50.0	52.32	104.6	52.35	104.7
Lead				5.0	3.81	76.2	5.10	102.0
Magnesium				200.0	197.98	99.0	231.44	115.7
Manganese				3.0	3.12	104.0	3.09	103.0
Nickel				10.0	9.56	95.6	10.14	101.4
Potassium				500.0	449.44	89.9	461.30	92.3
Selenium				15.0	13.10	87.3	15.12	100.8
Silver				3.0	3.11	103.7	3.32	110.7
Thallium				20.0	21.11	105.6	20.66	103.3
Vanadium				5.0	4.56	91.2	4.75	95.0
Zinc				20.0	19.92	99.6	20.69	103.4

Comments:

STL BUFFALO

Ecology & Environment, Inc.
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG No.: A06-3143

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Aluminum				200.0	210.25	105.1		
Antimony				20.0	19.79	99.0		
Arsenic				10.0	9.60	96.0		
Beryllium				2.0	2.07	103.5		
Cadmium				1.0	1.05	105.0		
Calcium				500.0	511.24	102.2		
Chromium				4.0	3.90	97.5		
Cobalt				4.0	4.35	108.8		
Copper				10.0	10.00	100.0		
Iron				50.0	47.95	95.9		
Lead				5.0	5.40	108.0		
Magnesium				200.0	216.75	108.4		
Manganese				3.0	2.96	98.7		
Nickel				10.0	10.13	101.3		
Potassium				500.0	440.96	88.2		
Selenium				15.0	13.95	93.0		
Silver				3.0	3.50	116.7		
Sodium				1000.0	1251.67	125.2		
Thallium				20.0	22.33	111.6		
Vanadium				5.0	5.25	105.0		
Zinc				20.0	20.42	102.1		

Comments:

STL BUFFALO

Ecology & Environment, Inc.
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG No.: A06-3143

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Sodium				1000.0	1069.21	106.9	1023.67	102.4

Comments:

STL BUFFALO

Ecology & Environment, Inc.
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG No.: A06-3143

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Mercury	0.2	0.19	95.0					

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Barium	2.0	U	2.0	U	2.0	U	2.0	U	2.000	U	P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Barium			2.0	U	2.0	U					P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	200.0	U	200.0	U	200.0	U	200.0	U	200.000	U	P
Antimony	20.0	U	20.0	U	20.0	U	20.0	U	20.000	U	P
Arsenic	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Beryllium	0.1		0.0		0.3		0.2		0.030	U	P
Cadmium	1.0	U	1.0	U	1.0	U	1.0	U	1.000	U	P
Calcium	500.0	U	500.0	U	500.0	U	500.0	U	500.000	U	P
Chromium	4.0	U	4.0	U	4.0	U	4.0	U	4.000	U	P
Cobalt	4.0	U	4.0	U	4.0	U	4.0	U	4.000	U	P
Copper	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Iron	50.0	U	50.0	U	50.0	U	50.0	U	50.000	U	P
Lead	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P
Magnesium	200.0	U	200.0	U	200.0	U	200.0	U	200.000	U	P
Manganese	3.0	U	3.0	U	3.0	U	3.0	U	3.000	U	P
Nickel	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Potassium	500.0	U	500.0	U	500.0	U	500.0	U	500.000	U	P
Selenium	15.0	U	15.0	U	15.0	U	15.0	U	15.000	U	P
Silver	3.0	U	3.0	U	3.0	U	3.0	U	3.000	U	P
Thallium	20.0	U	20.0	U	20.0	U	20.0	U	20.000	U	P
Vanadium	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P
Zinc	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3143

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			200.0	U	200.0	U	200.0	U			P
Antimony			20.0	U	20.0	U	20.0	U			P
Arsenic			10.0	U	10.0	U	10.0	U			P
Beryllium			0.2		0.2		0.2				P
Cadmium			1.0	U	1.0	U	1.0	U			P
Calcium			500.0	U	500.0	U	500.0	U			P
Chromium			4.0	U	4.0	U	4.0	U			P
Cobalt			4.0	U	4.0	U	4.0	U			P
Copper			10.0	U	10.0	U	10.0	U			P
Iron			50.0	U	50.0	U	50.0	U			P
Lead			5.0	U	5.0	U	5.0	U			P
Magnesium			200.0	U	200.0	U	200.0	U			P
Manganese			3.0	U	3.0	U	3.0	U			P
Nickel			10.0	U	10.0	U	10.0	U			P
Potassium			500.0	U	500.0	U	500.0	U			P
Selenium			15.0	U	15.0	U	15.0	U			P
Silver			3.0	U	3.0	U	3.0	U			P
Thallium			20.0	U	20.0	U	20.0	U			P
Vanadium			5.0	U	5.0	U	5.0	U			P
Zinc			10.0	U	10.0	U	10.0	U			P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	200.0	U	200.0	U	200.0	U					P
Antimony	20.0	U	20.0	U	20.0	U					P
Arsenic	10.0	U	10.0	U	10.0	U					P
Beryllium	0.1		0.1		0.2						P
Cadmium	1.0	U	1.0	U	1.0	U					P
Calcium	500.0	U	500.0	U	500.0	U					P
Chromium	4.0	U	4.0	U	4.0	U					P
Cobalt	4.0	U	4.0	U	4.0	U					P
Copper	10.0	U	10.0	U	10.0	U					P
Iron	50.0	U	50.0	U	50.0	U					P
Lead	5.0	U	5.0	U	5.0	U					P
Magnesium	200.0	U	200.0	U	200.0	U					P
Manganese	3.0	U	3.0	U	3.0	U					P
Nickel	10.0	U	10.0	U	10.0	U					P
Potassium	500.0	U	500.0	U	500.0	U					P
Selenium	15.0	U	15.0	U	15.0	U					P
Silver	3.0	U	3.0	U	3.0	U					P
Sodium	1000.0	U	1000.0	U	1000.0	U					P
Thallium	20.0	U	20.0	U	20.0	U					P
Vanadium	5.0	U	5.0	U	5.0	U					P
Zinc	10.0	U	10.0	U	10.0	U					P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Sodium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	1000.000	U	P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Sodium			1000.0	U							P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Mercury	-0.2		-0.2		0.1	U	-0.2		-0.328		CV

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Mercury			-0.2								CV

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-4-

ICP INTERFERENCE CHECK SAMPLE

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

ICP ID Number: SUPERTRACE ICS Source: ULTRA

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Barium		500	3	510.0	102.0	3	506.0	101.2

STL BUFFALO

Ecology & Environment, Inc.

-4-

ICP INTERFERENCE CHECK SAMPLE

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

ICP ID Number: SUPERTRACE2 ICS Source: ULTRA

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Aluminum	500000	500000	510649	521601.0	104.3	514053	512475.8	102.5
Antimony		600	1	621.0	103.5	3	613.3	102.2
Arsenic		100	-3	105.9	105.9	1	102.9	102.9
Beryllium		500	1	503.1	100.6	1	495.0	99.0
Cadmium		1000	2	982.7	98.3	1	964.3	96.4
Calcium	500000	500000	540291	558963.9	111.8	548803	549369.5	109.9
Chromium		500	-13	491.0	98.2	-13	481.1	96.2
Cobalt		500	1	498.6	99.7	1	488.6	97.7
Copper		500	0	549.5	109.9	-1	541.2	108.2
Iron	200000	100000	194609	98083.6	98.1	194285	96133.3	96.1
Lead		50	-2	50.6	101.2	-1	49.4	98.8
Magnesium	500000	500000	522359	494867.2	99.0	514867	480189.6	96.0
Manganese		500	0	500.9	100.2	0	490.7	98.1
Nickel		1000	0	936.8	93.7	0	918.3	91.8
Potassium			1	-1.0		-1	-5.1	
Selenium		50	-2	50.5	101.0	0	49.9	99.8
Silver		200	0	215.4	107.7	1	213.0	106.5
Thallium		100	3	105.0	105.0	-1	104.5	104.5
Vanadium		500	-1	507.7	101.5	-1	498.7	99.7
Zinc		1000	0	952.0	95.2	0	936.1	93.6

STL BUFFALO

Ecology & Environment, Inc.

-4-

ICP INTERFERENCE CHECK SAMPLE

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

ICP ID Number: SUPERTRACE2 ICS Source: ULTRA

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Aluminum	500000	500000	506171	522803.0	104.6			
Antimony		600	2	635.6	105.9			
Arsenic		100	3	105.4	105.4			
Beryllium		500	1	502.0	100.4			
Cadmium		1000	5	979.6	98.0			
Calcium	500000	500000	533759	560997.9	112.2			
Chromium		500	-13	484.8	97.0			
Cobalt		500	1	493.4	98.7			
Copper		500	0	551.5	110.3			
Iron	200000	100000	190693	96966.6	97.0			
Lead		50	-1	50.1	100.2			
Magnesium	500000	500000	515500	493614.0	98.7			
Manganese		500	0	496.2	99.2			
Nickel		1000	0	938.3	93.8			
Potassium			-22	-21.1				
Selenium		50	2	51.2	102.4			
Silver		200	0	218.3	109.2			
Sodium			43	-93.9				
Thallium		100	5	107.0	107.0			
Vanadium		500	-1	504.7	100.9			
Zinc		1000	2	943.5	94.4			

STL BUFFALO

Ecology & Environment, Inc.

-4-

ICP INTERFERENCE CHECK SAMPLE

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

ICP ID Number: SUPERTRACE2 ICS Source: ULTRA

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Sodium			-147	-1.8		26	-10.4	

STL BUFFALO

Ecology & Environment, Inc.

-7-

LABORATORY CONTROL SAMPLE

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

Solid LCS Source: _____

Aqueous LCS Source: ULTRA

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Aluminum	10000.0	10464.53	104.6						
Antimony	200.0	211.92	106.0						
Arsenic	200.0	214.09	107.0						
Barium	200.0	200.54	100.3						
Beryllium	200.0	209.77	104.9						
Cadmium	200.0	205.45	102.7						
Calcium	10000.0	10423.32	104.2						
Chromium	200.0	204.43	102.2						
Cobalt	200.0	205.36	102.7						
Copper	200.0	214.01	107.0						
Iron	10000.0	10139.59	101.4						
Lead	200.0	214.80	107.4						
Magnesium	10000.0	10239.19	102.4						
Manganese	200.0	201.63	100.8						
Nickel	200.0	210.69	105.3						
Potassium	10000.0	10199.31	102.0						
Selenium	200.0	207.48	103.7						
Silver	50.0	55.23	110.5						
Sodium	10000.0	11089.42	110.9						
Thallium	200.0	207.08	103.5						
Vanadium	200.0	210.33	105.2						
Zinc	200.0	213.58	106.8						

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-7-

LABORATORY CONTROL SAMPLE

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

Solid LCS Source: _____

Aqueous LCS Source: ULTRA

Analyte	Aqueous (ug/L)			Solid (mg/kg)				
	True	Found	%R	True	Found	C	Limits	%R
Mercury	3.3	3.23	96.9					

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-10-

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

ICP ID Number: SUPERTRACE Date: 1/12/2006

Flame AA ID Number: _____

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	EQL (ug/L)	EQL (ug/L)	M
Barium	493.409		2	2	P

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-10-

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

ICP ID Number: SUPERTRACE2 Date: 1/26/2006

Flame AA ID Number: _____

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	EQL (ug/L)	EQL (ug/L)	M
Aluminum	308.215		200	200	P
Antimony	206.838		20	20	P
Arsenic	189.042		10	10	P
Beryllium	313.042		0.03	0.03	P
Cadmium	226.502		1	1	P
Calcium	317.933		500	500	P
Chromium	267.716		4	4	P
Cobalt	228.616		4	4	P
Copper	324.753		10	10	P
Iron	271.441		50	50	P
Lead	220.353		5	5	P
Magnesium	279.078		200	200	P
Manganese	257.610		3	3	P
Nickel	231.604		10	10	P
Potassium	766.491		500	500	P
Selenium	296.026		15	15	P
Silver	328.068		3	3	P
Sodium	330.232		1000	1000	P
Thallium	190.864		20	20	P
Vanadium	292.402		5	5	P
Zinc	206.200		10	10	P

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-10-

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

ICP ID Number: _____ Date: 3/22/2006

Flame AA ID Number: LEEMAN PS200II

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	EQL (ug/L)	EQL (ug/L)	M
Mercury	253.70		0.2	0.2	CV

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-11A-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3143

ICP ID Number: SUPERTRACE Date: 1/9/2006

Analyte	Wave-length (nm)	Interelement Correction Factors for: Al	Fe	B	Be	Cd
Aluminum	308.22	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.84	0.0000000	0.0000230	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000000	-0.0000200	0.0000000	0.0000000	0.0000000
Barium	493.41	0.0000100	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.68	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000800	0.0000000	0.0000000	0.0000000
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000100	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.62	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	-0.0000400	0.0000000	0.0000000	0.0000000
Iron	271.44	0.0001240	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0004330	0.0000600	0.0000000	0.0000000	0.0000000
Magnesium	279.08	0.0000000	-0.0003100	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000	-0.0000300	0.0000000	0.0000000	0.0000000
Molybdenum	202.03	0.0000000	-0.0000100	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.02	0.0000000	0.0000070	0.0000000	0.0000000	0.0000000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.23	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	-0.0000400	0.0000000	0.0000000	0.0000000
Tin	189.99	0.0000000	-0.0000100	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000240	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	-0.0000400	0.0000000	0.0000000	0.0000000

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-11B-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

ICP ID Number: SUPERTRACE Date: 1/9/2006

Analyte	Wave-length (nm)	Interelement Correction Factors for: Co	Cr	Mn	Na	Ni
Aluminum	308.22	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.84	0.0000000	0.0126000	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000000	0.0001000	0.0000000	0.0000000	0.0000000
Barium	493.41	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.68	0.0005770	0.0013570	-0.0001100	0.0000000	0.0000000
Cadmium	226.50	-0.0001500	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0001160	0.0000000	0.0000000
Cobalt	228.62	0.0000000	-0.0001600	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	-0.0001200	0.0000000	0.0000000	0.0000000
Iron	271.44	0.0831300	0.0013200	0.0000000	0.0000000	0.0000000
Lead	220.35	-0.0001700	0.0000000	0.0000930	0.0000000	0.0000000
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.03	0.0003050	0.0000440	-0.0001300	0.0000000	0.0000000
Nickel	231.60	-0.0013800	0.0000000	-0.0001200	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.02	0.0003100	0.0000000	0.0004650	0.0000000	0.0000000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.23	0.0000000	-0.0065000	0.0000000	0.0000000	0.0000000
Thallium	190.86	-0.0021600	0.0001700	-0.0009300	0.0000000	0.0000000
Tin	189.99	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	-0.0005000	0.0000000	0.0000000	0.0000000

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-11B-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3143

ICP ID Number: SUPERTRACE Date: 1/9/2006

Analyte	Wave-length (nm)	Interelement Correction Factors for: Pb	Sb	Se	Tl	V
Aluminum	308.22	0.0000000	0.0000000	0.0000000	0.0000100	0.0221000
Antimony	206.84	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.41	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0007500
Boron	249.68	0.0000000	0.0000000	0.0000000	0.0016150	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000600
Cobalt	228.62	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0068000
Lead	220.35	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.03	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.02	0.0000000	0.0000000	0.0000000	0.0000000	0.0002410
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000400
Sodium	330.23	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	0.0000000	0.0000000	0.0000000	-0.0016500
Tin	189.99	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-11B-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

ICP ID Number: SUPERTRACE Date: 1/9/2006

Analyte	Wave-length (nm)	Interelement Correction Factors for: Zn				
Aluminum	308.22	0.0000000				
Antimony	206.84	0.0000000				
Arsenic	189.04	0.0000000				
Barium	493.41	0.0000000				
Beryllium	313.04	0.0000000				
Boron	249.68	0.0000000				
Cadmium	226.50	0.0000000				
Calcium	317.93	0.0000000				
Chromium	267.72	0.0000000				
Cobalt	228.62	0.0000000				
Copper	324.75	0.0000000				
Iron	271.44	0.0000000				
Lead	220.35	0.0000000				
Magnesium	279.08	0.0000000				
Manganese	257.61	0.0000000				
Molybdenum	202.03	0.0000000				
Nickel	231.60	0.0000000				
Potassium	766.49	0.0000000				
Selenium	196.02	0.0000000				
Silver	328.07	0.0000000				
Sodium	330.23	0.0000000				
Thallium	190.86	0.0000000				
Tin	189.99	0.0000000				
Titanium	337.28	0.0000000				
Vanadium	292.40	0.0000000				
Zinc	206.20	0.0000000				

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-11A-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

ICP ID Number: SUPERTRACE2 Date: 1/16/2006

Analyte	Wave-length (nm)	Interelement Correction Factors for: Al	Ca	Fe	B	Be
Aluminum	308.215	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Aluminum	308.215	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Aluminum	308.215	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Aluminum	308.215	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.838	0.0000000	0.0000000	0.0000110	0.0000000	0.0000000
Antimony	206.838	0.0000000	0.0000000	0.0000110	0.0000000	0.0000000
Antimony	206.838	0.0000000	0.0000000	0.0000110	0.0000000	0.0000000
Antimony	206.838	0.0000000	0.0000000	0.0000110	0.0000000	0.0000000
Arsenic	189.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.678	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.678	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.678	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.678	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000230	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000230	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000230	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000230	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	-0.0002800	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	-0.0002800	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	-0.0002800	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	-0.0002800	0.0000000	0.0000000

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-11A-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

ICP ID Number: SUPERTRACE2 Date: 1/16/2006

Chromium	267.716	0.0000340	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000340	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000340	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000340	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.753	0.0000000	0.0000000	0.0000040	0.0000000	0.0000000
Copper	324.753	0.0000000	0.0000000	0.0000040	0.0000000	0.0000000
Copper	324.753	0.0000000	0.0000000	0.0000040	0.0000000	0.0000000
Copper	324.753	0.0000000	0.0000000	0.0000040	0.0000000	0.0000000
Iron	271.441	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.441	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.441	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.441	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.352	0.0002890	0.0000000	0.0000680	0.0000000	0.0000000
Lead	220.352	0.0002890	0.0000000	0.0000680	0.0000000	0.0000000
Lead	220.352	0.0002890	0.0000000	0.0000680	0.0000000	0.0000000
Lead	220.352	0.0002890	0.0000000	0.0000680	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.030	0.0000000	0.0000000	-0.0000100	0.0000000	0.0000000
Molybdenum	202.030	0.0000000	0.0000000	-0.0000100	0.0000000	0.0000000
Molybdenum	202.030	0.0000000	0.0000000	-0.0000100	0.0000000	0.0000000
Molybdenum	202.030	0.0000000	0.0000000	-0.0000100	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-11A-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

ICP ID Number: SUPERTRACE2 Date: 1/16/2006

Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.021	0.0000110	0.0000000	-0.0000500	0.0000000	0.0000700
Selenium	196.021	0.0000110	0.0000000	-0.0000500	0.0000000	0.0000700
Selenium	196.021	0.0000110	0.0000000	-0.0000500	0.0000000	0.0000700
Selenium	196.021	0.0000110	0.0000000	-0.0000500	0.0000000	0.0000700
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.864	0.0000000	0.0000000	-0.0001900	0.0000000	0.0000000
Thallium	190.864	0.0000000	0.0000000	-0.0001900	0.0000000	0.0000000
Thallium	190.864	0.0000000	0.0000000	-0.0001900	0.0000000	0.0000000
Thallium	190.864	0.0000000	0.0000000	-0.0001900	0.0000000	0.0000000
Tin	189.989	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Tin	189.989	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Tin	189.989	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Tin	189.989	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000210	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000210	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000210	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000210	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	-0.0000500	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	-0.0000500	0.0000000	0.0000000

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-11A-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3143

ICP ID Number: SUPERTRACE2 Date: 1/16/2006

Zinc	206.20	0.0000000	0.0000000	-0.0000500	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	-0.0000500	0.0000000	0.0000000

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-11B-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3143

ICP ID Number: SUPERTRACE2 Date: 1/16/2006

Analyte	Wave-length (nm)	Interelement Correction Factors for: Cd	Co	Cr	Cu	Mn
Aluminum	308.215	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Aluminum	308.215	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Aluminum	308.215	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Aluminum	308.215	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.838	0.0000000	0.0000000	0.0073660	0.0000000	0.0000000
Antimony	206.838	0.0000000	0.0000000	0.0073660	0.0000000	0.0000000
Antimony	206.838	0.0000000	0.0000000	0.0073660	0.0000000	0.0000000
Antimony	206.838	0.0000000	0.0000000	0.0073660	0.0000000	0.0000000
Arsenic	189.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.678	0.0000000	0.0003930	0.0003740	0.0001020	0.0000000
Boron	249.678	0.0000000	0.0003930	0.0003740	0.0001020	0.0000000
Boron	249.678	0.0000000	0.0003930	0.0003740	0.0001020	0.0000000
Boron	249.678	0.0000000	0.0003930	0.0003740	0.0001020	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-11B-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3143

ICP ID Number: SUPERTRACE2 Date: 1/16/2006

Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	-0.0001800
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	-0.0001800
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	-0.0001800
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	-0.0001800
Cobalt	228.616	0.0000000	0.0000000	0.0003190	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0003190	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0003190	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0003190	0.0000000	0.0000000
Copper	324.753	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.753	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.753	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.753	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.441	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.441	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.441	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.441	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.352	0.0000000	0.0000000	0.0000000	0.0000000	0.0000910
Lead	220.352	0.0000000	0.0000000	0.0000000	0.0000000	0.0000910
Lead	220.352	0.0000000	0.0000000	0.0000000	0.0000000	0.0000910
Lead	220.352	0.0000000	0.0000000	0.0000000	0.0000000	0.0000910
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.030	0.0000000	0.0004780	0.0000000	0.0000000	-0.0001100
Molybdenum	202.030	0.0000000	0.0004780	0.0000000	0.0000000	-0.0001100
Molybdenum	202.030	0.0000000	0.0004780	0.0000000	0.0000000	-0.0001100
Molybdenum	202.030	0.0000000	0.0004780	0.0000000	0.0000000	-0.0001100
Nickel	231.604	0.0000000	-0.0012000	0.0000000	0.0000000	-0.0001000
Nickel	231.604	0.0000000	-0.0012000	0.0000000	0.0000000	-0.0001000
Nickel	231.604	0.0000000	-0.0012000	0.0000000	0.0000000	-0.0001000

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-11B-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3143

ICP ID Number: SUPERTRACE2 Date: 1/16/2006

Nickel	231.604	0.0000000	-0.0012000	0.0000000	0.0000000	-0.0001000
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.021	0.0000000	0.0001400	0.0000000	0.0000000	0.0003650
Selenium	196.021	0.0000000	0.0001400	0.0000000	0.0000000	0.0003650
Selenium	196.021	0.0000000	0.0001400	0.0000000	0.0000000	0.0003650
Selenium	196.021	0.0000000	0.0001400	0.0000000	0.0000000	0.0003650
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	-0.0059100	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	-0.0059100	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	-0.0059100	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	-0.0059100	0.0000000	0.0000000
Thallium	190.864	0.0000000	-0.0014400	0.0001570	0.0001350	0.0002220
Thallium	190.864	0.0000000	-0.0014400	0.0001570	0.0001350	0.0002220
Thallium	190.864	0.0000000	-0.0014400	0.0001570	0.0001350	0.0002220
Thallium	190.864	0.0000000	-0.0014400	0.0001570	0.0001350	0.0002220
Tin	189.989	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Tin	189.989	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Tin	189.989	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Tin	189.989	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0007570	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0007570	0.0000000	0.0000000

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-11B-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3143

ICP ID Number: SUPERTRACE2 Date: 1/16/2006

Zinc	206.20	0.0000000	0.0000000	0.0007570	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0007570	0.0000000	0.0000000

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-11B-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3143

ICP ID Number: SUPERTRACE2 Date: 1/16/2006

Analyte	Wave-length (nm)	Interelement Correction Factors for: Na	Ni	Pb	Sb	Se
Aluminum	308.215	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Aluminum	308.215	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Aluminum	308.215	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Aluminum	308.215	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.838	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.838	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.838	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.838	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.678	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.678	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.678	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.678	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-11B-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

ICP ID Number: SUPERTRACE2 Date: 1/16/2006

Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0001520	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0001520	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0001520	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0001520	0.0000000	0.0000000	0.0000000
Copper	324.753	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.753	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.753	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.753	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.441	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.441	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.441	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.441	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.352	0.0000000	0.0002670	0.0000000	0.0000000	0.0000000
Lead	220.352	0.0000000	0.0002670	0.0000000	0.0000000	0.0000000
Lead	220.352	0.0000000	0.0002670	0.0000000	0.0000000	0.0000000
Lead	220.352	0.0000000	0.0002670	0.0000000	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.030	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.030	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.030	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.030	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-11B-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3143

ICP ID Number: SUPERTRACE2 Date: 1/16/2006

Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.021	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.021	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.021	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.021	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.864	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.864	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.864	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.864	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Tin	189.989	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Tin	189.989	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Tin	189.989	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Tin	189.989	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-11B-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3143

ICP ID Number: SUPERTRACE2 Date: 1/16/2006

Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-11B-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

ICP ID Number: SUPERTRACE2 Date: 1/16/2006

Analyte	Wave-length (nm)	Interelement Correction Factors for: Tl	V	Zn		
Aluminum	308.215	0.0000000	0.0120700	0.0000000		
Aluminum	308.215	0.0000000	0.0120700	0.0000000		
Aluminum	308.215	0.0000000	0.0120700	0.0000000		
Aluminum	308.215	0.0000000	0.0120700	0.0000000		
Antimony	206.838	0.0000000	0.0000430	0.0000000		
Antimony	206.838	0.0000000	0.0000430	0.0000000		
Antimony	206.838	0.0000000	0.0000430	0.0000000		
Antimony	206.838	0.0000000	0.0000430	0.0000000		
Arsenic	189.042	0.0000000	0.0000000	0.0000000		
Arsenic	189.042	0.0000000	0.0000000	0.0000000		
Arsenic	189.042	0.0000000	0.0000000	0.0000000		
Arsenic	189.042	0.0000000	0.0000000	0.0000000		
Barium	493.409	0.0000000	0.0000000	0.0000000		
Barium	493.409	0.0000000	0.0000000	0.0000000		
Barium	493.409	0.0000000	0.0000000	0.0000000		
Barium	493.409	0.0000000	0.0000000	0.0000000		
Beryllium	313.042	0.0000000	0.0001840	0.0000000		
Beryllium	313.042	0.0000000	0.0001840	0.0000000		
Beryllium	313.042	0.0000000	0.0001840	0.0000000		
Beryllium	313.042	0.0000000	0.0001840	0.0000000		
Boron	249.678	0.0000000	0.0000000	0.0000000		
Boron	249.678	0.0000000	0.0000000	0.0000000		
Boron	249.678	0.0000000	0.0000000	0.0000000		
Boron	249.678	0.0000000	0.0000000	0.0000000		
Cadmium	226.502	0.0000000	0.0000000	0.0000000		
Cadmium	226.502	0.0000000	0.0000000	0.0000000		
Cadmium	226.502	0.0000000	0.0000000	0.0000000		
Cadmium	226.502	0.0000000	0.0000000	0.0000000		
Calcium	317.90	0.0000000	0.0000000	0.0000000		
Calcium	317.90	0.0000000	0.0000000	0.0000000		
Calcium	317.90	0.0000000	0.0000000	0.0000000		
Calcium	317.90	0.0000000	0.0000000	0.0000000		

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-11B-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-3143

ICP ID Number: SUPERTRACE2 Date: 1/16/2006

Chromium	267.716	0.0000000	-0.0000200	0.0000000		
Chromium	267.716	0.0000000	-0.0000200	0.0000000		
Chromium	267.716	0.0000000	-0.0000200	0.0000000		
Chromium	267.716	0.0000000	-0.0000200	0.0000000		
Cobalt	228.616	0.0000000	0.0000000	0.0000000		
Cobalt	228.616	0.0000000	0.0000000	0.0000000		
Cobalt	228.616	0.0000000	0.0000000	0.0000000		
Cobalt	228.616	0.0000000	0.0000000	0.0000000		
Copper	324.753	0.0000000	0.0000000	0.0000000		
Copper	324.753	0.0000000	0.0000000	0.0000000		
Copper	324.753	0.0000000	0.0000000	0.0000000		
Copper	324.753	0.0000000	0.0000000	0.0000000		
Iron	271.441	0.0000000	0.0088470	0.0000000		
Iron	271.441	0.0000000	0.0088470	0.0000000		
Iron	271.441	0.0000000	0.0088470	0.0000000		
Iron	271.441	0.0000000	0.0088470	0.0000000		
Lead	220.352	0.0000000	-0.0000600	0.0000000		
Lead	220.352	0.0000000	-0.0000600	0.0000000		
Lead	220.352	0.0000000	-0.0000600	0.0000000		
Lead	220.352	0.0000000	-0.0000600	0.0000000		
Magnesium	279.00	0.0000000	0.0000000	0.0000000		
Magnesium	279.00	0.0000000	0.0000000	0.0000000		
Magnesium	279.00	0.0000000	0.0000000	0.0000000		
Magnesium	279.00	0.0000000	0.0000000	0.0000000		
Manganese	257.610	0.0000000	0.0000000	0.0000000		
Manganese	257.610	0.0000000	0.0000000	0.0000000		
Manganese	257.610	0.0000000	0.0000000	0.0000000		
Manganese	257.610	0.0000000	0.0000000	0.0000000		
Molybdenum	202.030	0.0000000	0.0000000	0.0000000		
Molybdenum	202.030	0.0000000	0.0000000	0.0000000		
Molybdenum	202.030	0.0000000	0.0000000	0.0000000		
Molybdenum	202.030	0.0000000	0.0000000	0.0000000		
Nickel	231.604	0.0000790	0.0000000	0.0000000		
Nickel	231.604	0.0000790	0.0000000	0.0000000		
Nickel	231.604	0.0000790	0.0000000	0.0000000		

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-11B-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

ICP ID Number: SUPERTRACE2 Date: 1/16/2006

Nickel	231.604	0.0000790	0.0000000	0.0000000		
Potassium	766.491	0.0000000	0.0000000	0.0000000		
Potassium	766.491	0.0000000	0.0000000	0.0000000		
Potassium	766.491	0.0000000	0.0000000	0.0000000		
Potassium	766.491	0.0000000	0.0000000	0.0000000		
Selenium	196.021	0.0000000	0.0001720	0.0000000		
Selenium	196.021	0.0000000	0.0001720	0.0000000		
Selenium	196.021	0.0000000	0.0001720	0.0000000		
Selenium	196.021	0.0000000	0.0001720	0.0000000		
Silver	328.068	0.0000000	0.0000000	0.0000000		
Silver	328.068	0.0000000	0.0000000	0.0000000		
Silver	328.068	0.0000000	0.0000000	0.0000000		
Silver	328.068	0.0000000	0.0000000	0.0000000		
Sodium	330.232	0.0000000	0.0000000	0.0000000		
Sodium	330.232	0.0000000	0.0000000	0.0000000		
Sodium	330.232	0.0000000	0.0000000	0.0000000		
Sodium	330.232	0.0000000	0.0000000	0.0000000		
Thallium	190.864	0.0000000	-0.0010800	0.0000000		
Thallium	190.864	0.0000000	-0.0010800	0.0000000		
Thallium	190.864	0.0000000	-0.0010800	0.0000000		
Thallium	190.864	0.0000000	-0.0010800	0.0000000		
Tin	189.989	0.0000000	0.0000000	0.0000000		
Tin	189.989	0.0000000	0.0000000	0.0000000		
Tin	189.989	0.0000000	0.0000000	0.0000000		
Tin	189.989	0.0000000	0.0000000	0.0000000		
Titanium	337.28	0.0000000	-0.0000300	0.0000000		
Titanium	337.28	0.0000000	-0.0000300	0.0000000		
Titanium	337.28	0.0000000	-0.0000300	0.0000000		
Titanium	337.28	0.0000000	-0.0000300	0.0000000		
Vanadium	292.402	0.0000000	0.0000000	0.0000000		
Vanadium	292.402	0.0000000	0.0000000	0.0000000		
Vanadium	292.402	0.0000000	0.0000000	0.0000000		
Vanadium	292.402	0.0000000	0.0000000	0.0000000		
Zinc	206.20	0.0000000	0.0000000	0.0000000		
Zinc	206.20	0.0000000	0.0000000	0.0000000		

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-11B-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

ICP ID Number: SUPERTRACE2 Date: 1/16/2006

Zinc	206.20	0.0000000	0.0000000	0.0000000		
Zinc	206.20	0.0000000	0.0000000	0.0000000		

Comments: _____

STL BUFFALO

Ecology & Environment. Inc.
-12-
ICP LINEAR RANGES (QUARTERLY)

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

ICP ID Number: SUPERTRACE Date: 1/11/2006

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Barium	15.00	10000	P

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-13-

PREPARATION LOG

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

Method: CV Prep Method: _____

Sample ID	Preparation Date	Initial Volume	Final Volume(mL)
NM-MW-06-GW	3/27/2006	30.0	50.0
NM-MWMPI-01-GW	3/27/2006	30.0	50.0
NM-MWMPI-02-GW	3/27/2006	30.0	50.0
NM-MWMPI-04-GW	3/27/2006	30.0	50.0
NM-MWDEC-GW	3/27/2006	30.0	50.0
AD613752-LCS	3/27/2006	30.0	50.0
AD613753-MBLK	3/27/2006	30.0	50.0

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-13-

PREPARATION LOG

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

Method: P Prep Method: _____

Sample ID	Preparation Date	Initial Volume	Final Volume(mL)
NM-MW-06-GW	3/28/2006	50.0	50.0
NM-MWMPI-01-GW	3/28/2006	50.0	50.0
NM-MWMPI-02-GW	3/28/2006	50.0	50.0
NM-MWMPI-04-GW	3/28/2006	50.0	50.0
NM-MWDEC-GW	3/28/2006	50.0	50.0
AD613840-LFB	3/28/2006	50.0	50.0
AD613841-MBLK	3/28/2006	50.0	50.0

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-13-

PREPARATION LOG

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A06-3143

Method: P Prep Method: _____

Sample ID	Preparation Date	Initial Volume	Final Volume(mL)
NM-MW-06-GW	4/4/2006	50.0	50.0
NM-MWMPI-01-GW	4/4/2006	50.0	50.0
NM-MWMPI-02-GW	4/4/2006	50.0	50.0
NM-MWMPI-04-GW	4/4/2006	50.0	50.0
NM-MWDEC-GW	4/4/2006	50.0	50.0
AD515203-LFB	4/4/2006	50.0	50.0
AD615204-MBLK	4/4/2006	50.0	50.0

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG No.: A06-3143

Instrument ID Number: SUPERTRACE Method: P

Start Date: 4/4/2006 End Date: 4/4/2006

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
STD BLK	1.00	11:18					X																							
STD 1	1.00	11:23					X																							
STD 2	1.00	11:28					X																							
STD 3	1.00	11:32					X																							
STD 3 VER	1.00	11:37					X																							
ICV	1.00	11:42					X																							
ICB	1.00	11:47					X																							
CRI	1.00	11:52					X																							
ICSA	1.00	11:57					X																							
ICSAB	1.00	12:02					X																							
CCV	1.00	12:08					X																							
CCB	1.00	12:13					X																							
ZZZZZZ	1.00	12:18																												
ZZZZZZ	1.00	12:23																												
ZZZZZZ	10.00	12:28																												
ZZZZZZ	5.00	12:33																												
ZZZZZZ	10.00	12:38																												
ZZZZZZ	10.00	12:46																												
ZZZZZZ	5.00	12:51																												
ZZZZZZ	10.00	12:56																												
ZZZZZZ	5.00	13:01																												
ZZZZZZ	1.00	13:06																												
CCV	1.00	13:12					X																							
CCB	1.00	13:17					X																							
ZZZZZZ	1.00	13:22																												
ZZZZZZ	1.00	13:27																												
ZZZZZZ	1.00	13:37																												
ZZZZZZ	1.00	13:42																												
ZZZZZZ	1.00	13:47																												
ZZZZZZ	1.00	13:52																												
ZZZZZZ	1.00	13:57																												
CRI	1.00	14:03					X																							
ICSA	1.00	14:08					X																							

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

STL BUFFALO

Ecology & Environment, Inc.

-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG No.: A06-3143

Instrument ID Number: SUPERTRACE Method: P

Start Date: 4/4/2006 End Date: 4/4/2006

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
ICSAB	1.00	14:13					X																							
CCV	1.00	14:19					X																							
CCB	1.00	14:24					X																							
ZZZZZZ	1.00	14:42																												
ZZZZZZ	1.00	14:47																												
ZZZZZZ	1.00	14:52																												
ZZZZZZ	1.00	14:57																												
ZZZZZZ	1.00	15:02																												
ZZZZZZ	1.00	15:07																												
ZZZZZZ	1.00	15:12																												
ZZZZZZ	1.00	15:26																												
ZZZZZZ	1.00	15:31																												
ZZZZZZ	20.00	15:35																												
CCV	1.00	15:42					X																							
CCB	1.00	15:47					X																							
AD615204-MBLK	1.00	15:52					X																							
AD515203-LFB	1.00	15:57					X																							
NM-MW-06-GW	1.00	16:01					X																							
NM-MWMPI-01-GW	1.00	16:06					X																							
NM-MWMPI-02-GW	1.00	16:11					X																							
NM-MWMPI-04-GW	1.00	16:16					X																							
NM-MWDEC-GW	1.00	16:21					X																							
ZZZZZZ	1.00	16:26																												
ZZZZZZ	5.00	16:31																												
ZZZZZZ	1.00	16:36																												
CCV	1.00	16:42					X																							
CCB	1.00	16:47					X																							

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

STL BUFFALO

Ecology & Environment, Inc.
-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG No.: A06-3143

Instrument ID Number: SUPERTRACE2 Method: P

Start Date: 3/28/2006 End Date: 3/28/2006

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
STD BLK	1.00	21:50		X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
STD 1	1.00	21:55		X	X	X		X	X		X	X	X	X	X		X		X		X	X		X	X	X	
STD 2	1.00	21:59		X	X	X		X	X		X	X	X	X	X		X		X		X	X		X	X	X	
STD 3	1.00	22:04		X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
STD 3 VER	1.00	22:09		X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICV	1.00	22:13		X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICB	1.00	22:18		X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CRI	1.00	22:23		X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSA	1.00	22:28		X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSAB	1.00	22:33		X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV	1.00	22:39		X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	22:44		X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MW-06-GW	1.00	22:49		X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MWMPI-01-GW	1.00	22:53		X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MWMPI-02-GW	1.00	22:58		X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MWMPI-04-GW	1.00	23:03		X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MWDEC-GW	1.00	23:08		X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	23:13																									
ZZZZZZ	1.00	23:18																									
ZZZZZZ	1.00	23:22																									
ZZZZZZ	1.00	23:27																									
ZZZZZZ	1.00	23:32																									
CCV	1.00	23:38		X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	23:43		X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

STL BUFFALO

Ecology & Environment, Inc.

-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBFLO Case No.: SAS No.: SDG No.: A06-3143

Instrument ID Number: SUPERTRACE2 Method: P

Start Date: 3/28/2006 End Date: 3/28/2006

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
STD BLK	1.00	14:22		X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X				
STD 1	1.00	14:27		X	X	X		X	X		X	X	X	X	X		X		X		X	X		X	X	X				
STD 2	1.00	14:31		X	X	X		X	X		X	X	X	X	X		X		X		X	X		X	X	X				
STD 3	1.00	14:36		X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X				
STD 3 VER	1.00	14:41		X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X				
ICV	1.00	14:45		X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X				
ZZZZZZ	1.00	15:04																												
ICB	1.00	15:09		X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X				
CRI	1.00	15:14		X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X				
ICSA	1.00	15:19		X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X				
ICSAB	1.00	15:23		X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X				
CCV	1.00	15:30		X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X				
CCB	1.00	15:34		X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X				
ZZZZZZ	1.00	15:39																												
ZZZZZZ	1.00	15:44																												
ZZZZZZ	1.00	15:49																												
ZZZZZZ	5.00	15:54																												
ZZZZZZ	1.00	15:59																												
ZZZZZZ	1.00	16:03																												
ZZZZZZ	1.00	16:17																												
CRI	1.00	16:23		X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X				
ICSA	1.00	16:28		X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X				
ICSAB	1.00	16:33		X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X				
CCV	1.00	16:39		X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X				
CCB	1.00	16:44		X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X				
ZZZZZZ	1.00	16:48																												
ZZZZZZ	1.00	16:53																												
ZZZZZZ	1.00	16:58																												
ZZZZZZ	1.00	17:03																												
ZZZZZZ	1.00	17:08																												
ZZZZZZ	5.00	17:13																												
ZZZZZZ	1.00	17:17																												
ZZZZZZ	1.00	17:22																												

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

STL BUFFALO

Ecology & Environment, Inc.

-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG No.: A06-3143

Instrument ID Number: SUPERTRACE2 Method: P

Start Date: 3/28/2006 End Date: 3/28/2006

Sample ID.	D/F	Time	% R	Analytes																									
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN		
ZZZZZZ	1.00	17:27																											
ZZZZZZ	1.00	17:32																											
CCV	1.00	17:38		X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X			
CCB	1.00	17:43		X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X			
ZZZZZZ	1.00	17:48																											
ZZZZZZ	1.00	17:53																											
ZZZZZZ	1.00	17:57																											
ZZZZZZ	1.00	18:02																											
ZZZZZZ	1.00	18:07																											
ZZZZZZ	1.00	18:12																											
ZZZZZZ	1.00	18:17																											
ZZZZZZ	1.00	18:22																											
ZZZZZZ	1.00	18:26																											
ZZZZZZ	1.00	18:31																											
CCV	1.00	18:37		X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X			
CCB	1.00	18:42		X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X			
ZZZZZZ	1.00	18:47																											
ZZZZZZ	5.00	18:52																											
ZZZZZZ	1.00	18:57																											
ZZZZZZ	1.00	19:02																											
ZZZZZZ	1.00	19:06																											
ZZZZZZ *	1.00	19:11																											
ZZZZZZ	1.00	19:16																											
ZZZZZZ	1.00	19:21																											
ZZZZZZ	1.00	19:26																											
ZZZZZZ	1.00	19:31																											
CCV	1.00	19:37		X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X			
CCB	1.00	19:42		X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X			
ZZZZZZ	1.00	19:46																											
ZZZZZZ	1.00	19:51																											
ZZZZZZ	1.00	19:56																											
AD613841-MBLK	1.00	20:01		X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X			
AD613840-LFB	1.00	20:06		X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X			

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

STL BUFFALO

Ecology & Environment, Inc.

-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG No.: A06-3143

Instrument ID Number: SUPERTRACE2 Method: P

Start Date: 3/28/2006 End Date: 3/28/2006

Sample ID.	D/F	Time	% R	Analytes																									
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	20:11																											
ZZZZZZ	1.00	20:15																											
ZZZZZZ	1.00	20:20																											
ZZZZZZ	5.00	20:25																											
ZZZZZZ	1.00	20:30																											
CCV	1.00	20:36		X	X	X		X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X			
CCB	1.00	20:41		X	X	X		X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X			

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

STL BUFFALO

Ecology & Environment, Inc.

-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG No.: A06-3143

Instrument ID Number: SUPERTRACE2 Method: P

Start Date: 3/31/2006 End Date: 3/31/2006

Sample ID.	D/F	Time	% R	Analytes																									
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
STD BLK	1.00	09:52																				X				
STD 1	1.00	09:57																								
STD 2	1.00	10:02																								
STD 3	1.00	10:06																				X				
STD 3 VER	1.00	10:11																				X				
ICV	1.00	10:16																				X				
ICB	1.00	10:21																				X				
CRI	1.00	10:25																				X				
ICSA	1.00	10:30																				X				
ICSAB	1.00	10:35																				X				
CCV	1.00	10:41																				X				
CCB	1.00	10:46																				X				
ZZZZZZ	1.00	10:51																								
ZZZZZZ	1.00	10:56																								
ZZZZZZ	1.00	11:01																								
ZZZZZZ	1.00	11:05																								
ZZZZZZ	5.00	11:10																								
ZZZZZZ	1.00	11:15																								
ZZZZZZ	1.00	11:20																								
ZZZZZZ	1.00	11:25																								
ZZZZZZ	1.00	11:30																								
ZZZZZZ	1.00	11:34																								
CCV	1.00	11:41																				X				
CCB	1.00	11:45																				X				
ZZZZZZ	1.00	11:50																								
ZZZZZZ	1.00	11:55																								
ZZZZZZ	5.00	12:00																								
ZZZZZZ	1.00	12:05																								
ZZZZZZ	1.00	12:10																								
ZZZZZZ	1.00	12:14																								
ZZZZZZ	1.00	12:19																								
CRI	1.00	12:28																				X				
ICSA	1.00	12:33																				X				

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

STL BUFFALO

Ecology & Environment, Inc.

-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG No.: A06-3143

Instrument ID Number: SUPERTRACE2 Method: P

Start Date: 3/31/2006 End Date: 3/31/2006

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ICSAB	1.00	12:37																				X				
CCV	1.00	12:44																				X				
CCB	1.00	12:48																				X				
ZZZZZZ	5.00	13:10																								
ZZZZZZ	5.00	13:18																								
ZZZZZZ	5.00	13:23																								
ZZZZZZ	5.00	13:27																								
AD613841-MBLK	1.00	13:32																				X				
AD613840-LFB	1.00	13:37																				X				
ZZZZZZ	1.00	13:42																								
ZZZZZZ	1.00	13:47																								
ZZZZZZ	1.00	13:52																								
ZZZZZZ	1.00	13:57																								
CCV	1.00	14:11																				X				
CCB	1.00	14:16																				X				

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

STL BUFFALO

Ecology & Environment, Inc.

-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG No.: A06-3143

Instrument ID Number: LEEMAN PS200II Method: CV

Start Date: 3/27/2006 End Date: 3/27/2006

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ICV	1.00	15:36																X									
ICB	1.00	15:37																X									
CRA	1.00	15:38																X									
CCV	1.00	15:40																X									
CCB	1.00	15:41																X									
NM-MW-06-GW	1.00	15:42																X									
NM-MWMPI-01-GW	1.00	15:44																X									
NM-MWMPI-02-GW	1.00	15:45																X									
NM-MWMPI-04-GW	1.00	15:46																X									
NM-MWDEC-GW	1.00	15:47																X									
ZZZZZZ	1.00	15:48																									
ZZZZZZ	1.00	15:49																									
ZZZZZZ	1.00	15:51																									
ZZZZZZ	1.00	15:52																									
ZZZZZZ	1.00	15:53																									
CCV	1.00	15:54																X									
CCB	1.00	16:00																X									
ZZZZZZ	1.00	16:02																									
ZZZZZZ	1.00	16:03																									
ZZZZZZ	1.00	16:04																									
ZZZZZZ	1.00	16:05																									
ZZZZZZ	1.00	16:06																									
ZZZZZZ	1.00	16:07																									
ZZZZZZ	1.00	16:09																									
ZZZZZZ	1.00	16:10																									
ZZZZZZ	1.00	16:11																									
ZZZZZZ	1.00	16:12																									
CCV	1.00	16:13																X									
CCB	1.00	16:15																X									
ZZZZZZ	1.00	16:16																									
ZZZZZZ	1.00	16:17																									
ZZZZZZ	1.00	16:18																									
ZZZZZZ	1.00	16:20																									

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

STL BUFFALO

Ecology & Environment, Inc.

-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG No.: A06-3143

Instrument ID Number: LEEMAN PS200II Method: CV

Start Date: 3/27/2006 End Date: 3/27/2006

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	16:21																										
ZZZZZZ	1.00	16:22																										
AD613752-LCS	1.00	16:23																X										
AD613753-MBLK	1.00	16:25																X										
CCV	1.00	16:26																X										
CCB	1.00	16:27																X										

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

Metals Raw Data

Analysis Report 04/05/06 08:45:22 AM page 1

STL Buffalo Analyst: AK Date: 4-5-06 Secondary Review: TWS Date: 4/5/06
Spikes: 5-MDL-18, 1-MDL-5, 6-138-E, 6-090-F, 2-MDL-17
Pippettes: 02-10-06-(1-12), 03-17-06-(13)

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	STD BLK 7-025-A	1040406	TRACE1	04/04/06	11:18		X	IR
2	STD 1 7-027-C	1040406	TRACE1	04/04/06	11:23		X	IR
3	STD 2 7-027-D	1040406	TRACE1	04/04/06	11:28		X	IR
4	STD 3 7-027-B	1040406	TRACE1	04/04/06	11:32		X	IR
5	STD 3 VER ↓	1040406	TRACE1	04/04/06	11:37	SW	B	CONC
6	ICV 7-027-E	1040406	TRACE1	04/04/06	11:42	SW	Q	CONC
7	ICB 7-025-A	1040406	TRACE1	04/04/06	11:47	SW	B	CONC
8	CRI 7-022-A	1040406	TRACE1	04/04/06	11:52	SW	B	CONC
9	ICSA 7-018-B	1040406	TRACE1	04/04/06	11:57	SW	Q	CONC
10	ICSAB 7-026-C	1040406	TRACE1	04/04/06	12:02	SW	Q	CONC
11	CCV 7-027-F	1040406	TRACE1	04/04/06	12:08	SW	Q	CONC
12	CCB 7-025-A	1040406	TRACE1	04/04/06	12:13	SW	B	CONC
13	AD615002 3396	1040406	TRACE1	04/04/06	12:18	SW	S	CONC
14	AD615003	1040406	TRACE1	04/04/06	12:23	SW	S	CONC
15	AD614639/(1:10) 3311	1040406	TRACE1	04/04/06	12:28	SW	S	CONC
16	AD614862/(1:5) 3358	1040406	TRACE1	04/04/06	12:33	SW	S	CONC
17	AD614863/(1:10)	1040406	TRACE1	04/04/06	12:38	SW	S	CONC
18	AD614844/(1:10) 3353	1040406	TRACE1	04/04/06	12:46	SW	S	CONC
19	AD614844/(1:5)	1040406	TRACE1	04/04/06	12:51	SW	S	CONC
20	AD614842/(1:10) 3351	1040406	TRACE1	04/04/06	12:56	SW	S	CONC
21	AD614842/(1:5)	1040406	TRACE1	04/04/06	13:01	SW	S	CONC
22	AD614591 3237	1040406	TRACE1	04/04/06	13:06	SW	S	CONC
23	CCV	1040406	TRACE1	04/04/06	13:12	SW	Q	CONC
24	CCB	1040406	TRACE1	04/04/06	13:17	SW	B	CONC
25	AD614456 3302	1040406	TRACE1	04/04/06	13:22	SW	S	CONC
26	A6330202/T	1040406	TRACE1	04/04/06	13:27	SW	S	CONC
27	AD614577	1040406	TRACE1	04/04/06	13:37	SW	S	CONC
28	A6330202/S	1040406	TRACE1	04/04/06	13:42	SW	S	CONC
29	AD614457	1040406	TRACE1	04/04/06	13:47	SW	S	CONC
30	A6330203/T	1040406	TRACE1	04/04/06	13:52	SW	S	CONC
31	AD614580	1040406	TRACE1	04/04/06	13:57	SW	S	CONC
32	CRI	1040406	TRACE1	04/04/06	14:03	SW	B	CONC
33	ICSA	1040406	TRACE1	04/04/06	14:08	SW	Q	CONC
34	ICSAB	1040406	TRACE1	04/04/06	14:13	SW	Q	CONC
35	CCV	1040406	TRACE1	04/04/06	14:19	SW	Q	CONC
36	CCB	1040406	TRACE1	04/04/06	14:24	SW	B	CONC
37	A6330203/S	1040406	TRACE1	04/04/06	14:42	SW	S	CONC
38	AD614446 3272	1040406	TRACE1	04/04/06	14:47	SW	S	CONC
39	A6327202/T	1040406	TRACE1	04/04/06	14:52	SW	S	CONC
40	AD614572	1040406	TRACE1	04/04/06	14:57	SW	S	CONC
41	A6327202/S	1040406	TRACE1	04/04/06	15:02	SW	S	CONC
42	AD614449	1040406	TRACE1	04/04/06	15:07	SW	S	CONC
43	A6327203/T	1040406	TRACE1	04/04/06	15:12	SW	S	CONC
44	AD614573	1040406	TRACE1	04/04/06	15:26	SW	S	CONC
45	A6327203/S	1040406	TRACE1	04/04/06	15:31	SW	S	CONC
46	AD614639/(1:20) 3311	1040406	TRACE1	04/04/06	15:35	SW	S	CONC
47	CCV	1040406	TRACE1	04/04/06	15:42	SW	Q	CONC
48	CCB	1040406	TRACE1	04/04/06	15:47	SW	B	CONC
49	AD615204/PB	1040406	TRACE1	04/04/06	15:52	SW	S	CONC
50	AD615203/FB	1040406	TRACE1	04/04/06	15:57	SW	S	CONC

Analysis Report Summary 04/05/06 08:45:22 AM page 2

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
51	AD615194 3143	1040406	TRACE1	04/04/06	16:01	SW	S	CONC
52	AD615195	1040406	TRACE1	04/04/06	16:06	SW	S	CONC
53	AD615196	1040406	TRACE1	04/04/06	16:11	SW	S	CONC
54	AD615197	1040406	TRACE1	04/04/06	16:16	SW	S	CONC
55	AD615198	1040406	TRACE1	04/04/06	16:21	SW	S	CONC
56	AD615199 3443	1040406	TRACE1	04/04/06	16:26	SW	S	CONC
57	AD615199/L (1:5)	1040406	TRACE1	04/04/06	16:31	SW	S	CONC
58	AD615199/PS	1040406	TRACE1	04/04/06	16:36	SW	S	CONC
59	CCV	1040406	TRACE1	04/04/06	16:42	SW	Q	CONC
60	CCB	1040406	TRACE1	04/04/06	16:47	SW	B	CONC
61	AD615200/MS	1040406	TRACE1	04/04/06	16:52	SW	S	CONC
62	AD615201/SD	1040406	TRACE1	04/04/06	16:57	SW	S	CONC
63	AD615202	1040406	TRACE1	04/04/06	17:02	SW	S	CONC
64	AD615076/PB	1040406	TRACE1	04/04/06	17:07	SW	S	CONC
65	AD615075/FB	1040406	TRACE1	04/04/06	17:12	SW	S	CONC
66	AD615055 3326	1040406	TRACE1	04/04/06	17:17	SW	S	CONC
67	AD615056	1040406	TRACE1	04/04/06	17:22	SW	S	CONC
68	AD615057	1040406	TRACE1	04/04/06	17:27	SW	S	CONC
69	AD615057/L (1:5)	1040406	TRACE1	04/04/06	17:32	SW	S	CONC
70	AD615057/PS	1040406	TRACE1	04/04/06	17:37	SW	S	CONC
71	CCV	1040406	TRACE1	04/04/06	17:43	SW	Q	CONC
72	CCB	1040406	TRACE1	04/04/06	17:48	SW	B	CONC
73	AD615058/MS	1040406	TRACE1	04/04/06	17:53	SW	S	CONC
74	AD615059/SD	1040406	TRACE1	04/04/06	17:58	SW	S	CONC
75	AD615060	1040406	TRACE1	04/04/06	18:03	SW	S	CONC
76	AD615061	1040406	TRACE1	04/04/06	18:08	SW	S	CONC
77	AD615062	1040406	TRACE1	04/04/06	18:13	SW	S	CONC
78	AD615063 3390	1040406	TRACE1	04/04/06	18:18	SW	S	CONC
79	AD615064	1040406	TRACE1	04/04/06	18:22	SW	S	CONC
80	AD615065	1040406	TRACE1	04/04/06	18:27	SW	S	CONC
81	AD615066	1040406	TRACE1	04/04/06	18:32	SW	S	CONC
82	AD615067	1040406	TRACE1	04/04/06	18:37	SW	S	CONC
83	CCV	1040406	TRACE1	04/04/06	18:44	SW	Q	CONC
84	CCB	1040406	TRACE1	04/04/06	18:49	SW	B	CONC
85	AD615068	1040406	TRACE1	04/04/06	18:53	SW	S	CONC
86	AD615069	1040406	TRACE1	04/04/06	18:58	SW	S	CONC
87	AD615070	1040406	TRACE1	04/04/06	19:03	SW	S	CONC
88	AD615071	1040406	TRACE1	04/04/06	19:08	SW	S	CONC
89	AD615072	1040406	TRACE1	04/04/06	19:13	SW	S	CONC
90	AD615073	1040406	TRACE1	04/04/06	19:18	SW	S	CONC
91	AD615074	1040406	TRACE1	04/04/06	19:23	SW	S	CONC
92	AD615100/PB	1040406	TRACE1	04/04/06	19:28	SW	S	CONC
93	AD615099/FB	1040406	TRACE1	04/04/06	19:33	SW	S	CONC
94	AD615077 3320	1040406	TRACE1	04/04/06	19:38	SW	S	CONC
95	CCV	1040406	TRACE1	04/04/06	19:44	SW	Q	CONC
96	CCB	1040406	TRACE1	04/04/06	19:49	SW	B	CONC
97	STD BLK	1040406	TRACE1	04/04/06	20:01		X	IR
98	STD 1	1040406	TRACE1	04/04/06	20:06		X	IR
99	STD 2	1040406	TRACE1	04/04/06	20:11		X	IR
100	STD 3	1040406	TRACE1	04/04/06	20:15		X	IR
101	STD 3 VER	1040406	TRACE1	04/04/06	20:20	SW	B	CONC
102	ICV	1040406	TRACE1	04/04/06	20:25	SW	Q	CONC
103	ICB	1040406	TRACE1	04/04/06	20:30	SW	B	CONC
104	CRI	1040406	TRACE1	04/04/06	20:35	SW	B	CONC

Analysis Report Summary 04/05/06 08:45:22 AM page 3

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
105	ICSA	1040406	TRACE1	04/04/06	20:40	SW	Q	CONC
106	ICSAB	1040406	TRACE1	04/04/06	20:45	SW	Q	CONC
107	CCV	1040406	TRACE1	04/04/06	20:51	SW	Q	CONC
108	CCB	1040406	TRACE1	04/04/06	20:56	SW	B	CONC
109	AD615078 3320	1040406	TRACE1	04/04/06	21:01	SW	S	CONC
110	AD615079 3362	1040406	TRACE1	04/04/06	21:06	SW	S	CONC
111	AD615080	1040406	TRACE1	04/04/06	21:11	SW	S	CONC
112	AD615081	1040406	TRACE1	04/04/06	21:16	SW	S	CONC
113	AD615081/L (1:5)	1040406	TRACE1	04/04/06	21:21	SW	S	CONC
114	AD615081/PS	1040406	TRACE1	04/04/06	21:26	SW	S	CONC
115	AD615082/MS	1040406	TRACE1	04/04/06	21:31	SW	S	CONC
116	AD615083/SD	1040406	TRACE1	04/04/06	21:36	SW	S	CONC
117	AD615084	1040406	TRACE1	04/04/06	21:41	SW	S	CONC
118	AD615085	1040406	TRACE1	04/04/06	21:46	SW	S	CONC
119	CCV	1040406	TRACE1	04/04/06	21:52	SW	Q	CONC
120	CCB	1040406	TRACE1	04/04/06	21:57	SW	B	CONC
121	AD615086	1040406	TRACE1	04/04/06	22:02	SW	S	CONC
122	AD615087	1040406	TRACE1	04/04/06	22:07	SW	S	CONC
123	AD615088 3397	1040406	TRACE1	04/04/06	22:12	SW	S	CONC
124	AD615089	1040406	TRACE1	04/04/06	22:17	SW	S	CONC
125	AD615090	1040406	TRACE1	04/04/06	22:22	SW	S	CONC
126	AD615091	1040406	TRACE1	04/04/06	22:27	SW	S	CONC
127	AD615092 3399	1040406	TRACE1	04/04/06	22:32	SW	S	CONC
128	AD615093	1040406	TRACE1	04/04/06	22:37	SW	S	CONC
129	AD615094	1040406	TRACE1	04/04/06	22:42	SW	S	CONC
130	AD615095	1040406	TRACE1	04/04/06	22:47	SW	S	CONC
131	CCV	1040406	TRACE1	04/04/06	22:53	SW	Q	CONC
132	CCB	1040406	TRACE1	04/04/06	22:58	SW	B	CONC
133	AD615096	1040406	TRACE1	04/04/06	23:03	SW	S	CONC
134	AD615097	1040406	TRACE1	04/04/06	23:08	SW	S	CONC
135	AD615098	1040406	TRACE1	04/04/06	23:13	SW	S	CONC
136	AD615155/PB	1040406	TRACE1	04/04/06	23:18	SW	S	CONC
137	AD615154/FB	1040406	TRACE1	04/04/06	23:23	SW	S	CONC
138	AD615136 3362	1040406	TRACE1	04/04/06	23:28	SW	S	CONC
139	AD615137	1040406	TRACE1	04/04/06	23:33	SW	S	CONC
140	AD615138	1040406	TRACE1	04/04/06	23:38	SW	S	CONC
141	AD615138/L (1:5)	1040406	TRACE1	04/04/06	23:43	SW	S	CONC
142	AD615138/PS	1040406	TRACE1	04/04/06	23:48	SW	S	CONC
143	CCV	1040406	TRACE1	04/04/06	23:54	SW	Q	CONC
144	CCB	1040406	TRACE1	04/04/06	23:59	SW	B	CONC
145	AD615139/MS	1040406	TRACE1	04/05/06	00:04	SW	S	CONC
146	AD615140/SD	1040406	TRACE1	04/05/06	00:09	SW	S	CONC
147	AD615141	1040406	TRACE1	04/05/06	00:14	SW	S	CONC
148	AD615142	1040406	TRACE1	04/05/06	00:19	SW	S	CONC
149	AD615143	1040406	TRACE1	04/05/06	00:24	SW	S	CONC
150	AD615144	1040406	TRACE1	04/05/06	00:29	SW	S	CONC
151	AD615145 3393	1040406	TRACE1	04/05/06	00:34	SW	S	CONC
152	AD615146 3401	1040406	TRACE1	04/05/06	00:39	SW	S	CONC
153	AD615147 3409	1040406	TRACE1	04/05/06	00:44	SW	S	CONC
154	AD615148	1040406	TRACE1	04/05/06	00:49	SW	S	CONC
155	CCV	1040406	TRACE1	04/05/06	00:55	SW	Q	CONC
156	CCB	1040406	TRACE1	04/05/06	01:00	SW	B	CONC
157	AD615149	1040406	TRACE1	04/05/06	01:05	SW	S	CONC
158	AD615150	1040406	TRACE1	04/05/06	01:10	SW	S	CONC

Analysis Report Summary 04/05/06 08:45:22 AM page 4

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
159	AD615151 3318	1040406	TRACE1	04/05/06	01:15	SW	S	CONC
160	AD615152	1040406	TRACE1	04/05/06	01:20	SW	S	CONC
161	AD615153	1040406	TRACE1	04/05/06	01:25	SW	S	CONC
162	AD615106/PB	1040406	TRACE1	04/05/06	01:30	SW	S	CONC
163	AD615105/LCS	1040406	TRACE1	04/05/06	01:35	SW	S	CONC
164	AD615104/EBLK	1040406	TRACE1	04/05/06	01:40	SW	S	CONC
165	AD615101	1040406	TRACE1	04/05/06	01:44	SW	S	CONC
166	AD615101/L (1:5)	1040406	TRACE1	04/05/06	01:49	SW	S	CONC
167	CCV	1040406	TRACE1	04/05/06	01:56	SW	Q	CONC
168	CCB	1040406	TRACE1	04/05/06	02:01	SW	B	CONC
169	AD615101/PS	1040406	TRACE1	04/05/06	02:06	SW	S	CONC
170	AD615102/MS	1040406	TRACE1	04/05/06	02:11	SW	S	CONC
171	AD615103/SD	1040406	TRACE1	04/05/06	02:16	SW	S	CONC
172	AD615112/PB	1040406	TRACE1	04/05/06	02:22	SW	S	CONC
173	AD615111/LCS	1040406	TRACE1	04/05/06	02:27	SW	S	CONC
174	AD615110/EBLK	1040406	TRACE1	04/05/06	02:32	SW	S	CONC
175	AD615107 3385	1040406	TRACE1	04/05/06	02:37	SW	S	CONC
176	AD615107/L (1:5)	1040406	TRACE1	04/05/06	02:42	SW	S	CONC
177	AD615107/PS	1040406	TRACE1	04/05/06	02:47	SW	S	CONC
178	AD615108/MS	1040406	TRACE1	04/05/06	02:52	SW	S	CONC
179	CCV	1040406	TRACE1	04/05/06	02:58	SW	Q	CONC
180	CCB	1040406	TRACE1	04/05/06	03:03	SW	B	CONC
181	AD615109/SD	1040406	TRACE1	04/05/06	03:08	SW	S	CONC
182	AD614861/(1:5) 3358	1040406	TRACE1	04/05/06	03:13	SW	S	CONC
183	AD614452 3294	1040406	TRACE1	04/05/06	03:18	SW	S	CONC
184	A6329402/TOT	1040406	TRACE1	04/05/06	03:23	SW	S	CONC
185	AD614289 3251	1040406	TRACE1	04/05/06	03:29	SW	S	CONC
186	A6325102/TOT	1040406	TRACE1	04/05/06	03:34	SW	S	CONC
187	AD614475 3242	1040406	TRACE1	04/05/06	03:41	SW	S	CONC
188	A6324205/TOT	1040406	TRACE1	04/05/06	03:46	SW	S	CONC
189	CCV	1040406	TRACE1	04/05/06	03:52	SW	Q	CONC
190	CCB	1040406	TRACE1	04/05/06	03:57	SW	B	CONC
191	STD BLK	1040406	TRACE1	04/05/06	04:09		X	IR
192	STD 1	1040406	TRACE1	04/05/06	04:14		X	IR
193	STD 2	1040406	TRACE1	04/05/06	04:18		X	IR
194	STD 3	1040406	TRACE1	04/05/06	04:23		X	IR
195	STD 3 VER	1040406	TRACE1	04/05/06	04:28	SW	B	CONC
196	ICV	1040406	TRACE1	04/05/06	04:33	SW	Q	CONC
197	ICB	1040406	TRACE1	04/05/06	04:38	SW	B	CONC
198	CRI	1040406	TRACE1	04/05/06	04:43	SW	B	CONC
199	ICSA	1040406	TRACE1	04/05/06	04:48	SW	Q	CONC
200	ICSAB	1040406	TRACE1	04/05/06	04:53	SW	Q	CONC
201	CCV	1040406	TRACE1	04/05/06	04:59	SW	Q	CONC
202	CCB	1040406	TRACE1	04/05/06	05:04	SW	B	CONC
203	AD615135/PB	1040406	TRACE1	04/05/06	05:09	SW	S	CONC
204	AD615134/CLPSL	1040406	TRACE1	04/05/06	05:14	SW	S	CONC
205	AD615113 3381	1040406	TRACE1	04/05/06	05:19	SW	S	CONC
206	AD615113/L (1:5)	1040406	TRACE1	04/05/06	05:24	SW	S	CONC
207	AD615113/PS	1040406	TRACE1	04/05/06	05:29	SW	S	CONC
208	AD615114	1040406	TRACE1	04/05/06	05:34	SW	S	CONC
209	AD615115 3388	1040406	TRACE1	04/05/06	05:39	SW	S	CONC
210	AD615115/L (1:5)	1040406	TRACE1	04/05/06	05:44	SW	S	CONC
211	AD615115/PS	1040406	TRACE1	04/05/06	05:49	SW	S	CONC
212	AD615116	1040406	TRACE1	04/05/06	05:54	SW	S	CONC

Analysis Report Summary 04/05/06 08:45:22 AM page 5

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
213	CCV	1040406	TRACE1	04/05/06	06:00	SW	Q	CONC
214	CCB	1040406	TRACE1	04/05/06	06:05	SW	B	CONC
215	AD615117	1040406	TRACE1	04/05/06	06:10	SW	S	CONC
216	AD615118	1040406	TRACE1	04/05/06	06:15	SW	S	CONC
217	AD615119 3404	1040406	TRACE1	04/05/06	06:20	SW	S	CONC
218	AD615120	1040406	TRACE1	04/05/06	06:25	SW	S	CONC
219	AD615121	1040406	TRACE1	04/05/06	06:30	SW	S	CONC
220	AD615122	1040406	TRACE1	04/05/06	06:35	SW	S	CONC
221	AD615123	1040406	TRACE1	04/05/06	06:40	SW	S	CONC
222	AD615124	1040406	TRACE1	04/05/06	06:45	SW	S	CONC
223	AD615125	1040406	TRACE1	04/05/06	06:50	SW	S	CONC
224	AD615126	1040406	TRACE1	04/05/06	06:55	SW	S	CONC
225	CCV	1040406	TRACE1	04/05/06	07:01	SW	Q	CONC
226	CCB	1040406	TRACE1	04/05/06	07:06	SW	B	CONC
227	AD615126/L (1:5)	1040406	TRACE1	04/05/06	07:11	SW	S	CONC
228	AD615126/PS	1040406	TRACE1	04/05/06	07:16	SW	S	CONC
229	AD615127/MS	1040406	TRACE1	04/05/06	07:21	SW	S	CONC
230	AD615128/SD	1040406	TRACE1	04/05/06	07:26	SW	S	CONC
231	AD615129 3407	1040406	TRACE1	04/05/06	07:31	SW	S	CONC
232	AD615129/L (1:5)	1040406	TRACE1	04/05/06	07:36	SW	S	CONC
233	AD615129/PS	1040406	TRACE1	04/05/06	07:41	SW	S	CONC
234	AD615130	1040406	TRACE1	04/05/06	07:46	SW	S	CONC
235	AD615131	1040406	TRACE1	04/05/06	07:51	SW	S	CONC
236	AD615132 3429	1040406	TRACE1	04/05/06	07:56	SW	S	CONC
237	CCV	1040406	TRACE1	04/05/06	08:02	SW	Q	CONC
238	CCB	1040406	TRACE1	04/05/06	08:07	SW	B	CONC
239	AD615132/L (1:5)	1040406	TRACE1	04/05/06	08:12	SW	S	CONC
240	AD615132/PS	1040406	TRACE1	04/05/06	08:17	SW	S	CONC
241	AD615133	1040406	TRACE1	04/05/06	08:22	SW	S	CONC
242	CCV	1040406	TRACE1	04/05/06	08:28	SW	Q	CONC
243	CCB	1040406	TRACE1	04/05/06	08:33	SW	B	CONC

Method: TRACE1
Mode: Concentration
Standards Table: NAKCAMG
Data File: 1MAR1606

Element	Wavelength	Date-of-Fit	Type-of-Fit	Correlation
Ca3179	317.933	03/16/06 12:41	Full Fit	.999981
K_7664	766.491	03/16/06 12:42	Full Fit	.999964
Mg2790	279.078	03/16/06 12:42	Full Fit	.999984
Na3302	330.232	03/16/06 12:42	Full Fit	.999996

Calibration Report 03/16/06 12:13:42 PM

Method: TRACE1 Standard Name: STD BLK Operator:
Run Time: 03/16/06 12:10:41
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	.0307293	-.210334	.0034779	.0046080
SDev	.0001792	.001148	.0008062	.0017080
%RSD	.5830732	.5455866	23.17903	37.06602
#1	.0306026	-.209522	.0040480	.0034003
#2	.0308560	-.211145	.0029079	.0058158
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6183	--	--	--	--	--	--
SDev	9.970275	--	--	--	--	--	--
%RSD	.1612530	--	--	--	--	--	--
#1	6176	--	--	--	--	--	--
#2	6190	--	--	--	--	--	--

Calibration Report 03/16/06 12:18:30 PM

Method: TRACE1 Standard Name: STD 1 Operator:
Run Time: 03/16/06 12:15:29
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	4.325460	13.47969	2.098351	.2085747
SDev	.020176	.17325	.002100	.0012783
%RSD	.4664367	1.285301	.1000911	.6128554
#1	4.311193	13.35718	2.096866	.2094785
#2	4.339726	13.60220	2.099836	.2076708
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6238	--	--	--	--	--	--
SDev	16.01590	--	--	--	--	--	--
%RSD	.2567669	--	--	--	--	--	--
#1	6249	--	--	--	--	--	--
#2	6226	--	--	--	--	--	--

Calibration Report 03/16/06 12:23:41 PM

Method: TRACE1 Standard Name: STD 2 Operator:
Run Time: 03/16/06 12:20:40
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	21.99334	68.78076	10.86834	1.057659
SDev	.05185	.62654	.01476	.004322
%RSD	.2357321	.9109246	.1358212	.4086057
#1	21.95668	68.33773	10.87878	1.060715
#2	22.02999	69.22379	10.85790	1.054603
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6058	--	--	--	--	--	--
SDev	33.41080	--	--	--	--	--	--
%RSD	.5515039	--	--	--	--	--	--
#1	6082	--	--	--	--	--	--
#2	6034	--	--	--	--	--	--

Calibration Report 03/16/06 12:28:41 PM

Method: TRACE1 Standard Name: STD 3 Operator:
Run Time: 03/16/06 12:25:40
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	43.47566	134.3991	21.79380	2.161770
SDev	.08537	.8460	.04223	.000122
%RSD	.1963689	.6294374	.1937543	.0056540
#1	43.41529	133.8009	21.82366	2.161684
#2	43.53603	134.9973	21.76394	2.161857
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6005	--	--	--	--	--	--
SDev	19.94055	--	--	--	--	--	--
%RSD	.3320768	--	--	--	--	--	--
#1	5991	--	--	--	--	--	--
#2	6019	--	--	--	--	--	--

Calibration Report 03/16/06 12:33:59 PM

Method: TRACE1 Standard Name: NAKCAMG100 Operator:
Run Time: 03/16/06 12:30:59
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	86.27998	263.7991	43.97542	4.485132
SDev	.10470	.3689	.06104	.004614
%RSD	.1213517	.1398480	.1388097	.1028635
#1	86.20595	263.5382	43.93225	4.488394
#2	86.35402	264.0599	44.01858	4.481870
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5989	--	--	--	--	--	--
SDev	7.106630	--	--	--	--	--	--
%RSD	.1186589	--	--	--	--	--	--
#1	5984	--	--	--	--	--	--
#2	5994	--	--	--	--	--	--

Calibration Report 03/16/06 12:39:53 PM

Method: TRACE1 Standard Name: NAKCAMG400 Operator:
Run Time: 03/16/06 12:36:52
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	333.8220	988.5113	185.6037	21.18327
SDev	5.0884	14.1960	3.1057	.29009
%RSD	1.524296	1.436094	1.673278	1.369444
#1	330.2239	978.4733	183.4077	20.97814
#2	337.4201	998.5494	187.7998	21.38839
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5702	--	--	--	--	--	--
SDev	76.04954	--	--	--	--	--	--
%RSD	1.333729	--	--	--	--	--	--
#1	5756	--	--	--	--	--	--
#2	5648	--	--	--	--	--	--

Analysis Report Summary 04/05/06 08:45:43 AM page 1

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	A6324205/TOT	1040406	TRACE1	04/05/06	03:46	SW	S	CONC
2	A6325102/TOT	1040406	TRACE1	04/05/06	03:34	SW	S	CONC
3	A6327202/S	1040406	TRACE1	04/04/06	15:02	SW	S	CONC
4	A6327202/T	1040406	TRACE1	04/04/06	14:52	SW	S	CONC
5	A6327203/S	1040406	TRACE1	04/04/06	15:31	SW	S	CONC
6	A6327203/T	1040406	TRACE1	04/04/06	15:12	SW	S	CONC
7	A6329402/TOT	1040406	TRACE1	04/05/06	03:23	SW	S	CONC
8	A6330202/S	1040406	TRACE1	04/04/06	13:42	SW	S	CONC
9	A6330202/T	1040406	TRACE1	04/04/06	13:27	SW	S	CONC
10	A6330203/S	1040406	TRACE1	04/04/06	14:42	SW	S	CONC
11	A6330203/T	1040406	TRACE1	04/04/06	13:52	SW	S	CONC
12	AD614289	1040406	TRACE1	04/05/06	03:29	SW	S	CONC
13	AD614446	1040406	TRACE1	04/04/06	14:47	SW	S	CONC
14	AD614449	1040406	TRACE1	04/04/06	15:07	SW	S	CONC
15	AD614452	1040406	TRACE1	04/05/06	03:18	SW	S	CONC
16	AD614456	1040406	TRACE1	04/04/06	13:22	SW	S	CONC
17	AD614457	1040406	TRACE1	04/04/06	13:47	SW	S	CONC
18	AD614475	1040406	TRACE1	04/05/06	03:41	SW	S	CONC
19	AD614572	1040406	TRACE1	04/04/06	14:57	SW	S	CONC
20	AD614573	1040406	TRACE1	04/04/06	15:26	SW	S	CONC
21	AD614577	1040406	TRACE1	04/04/06	13:37	SW	S	CONC
22	AD614580	1040406	TRACE1	04/04/06	13:57	SW	S	CONC
23	AD614591	1040406	TRACE1	04/04/06	13:06	SW	S	CONC
24	AD614639/(1:10)	1040406	TRACE1	04/04/06	12:28	SW	S	CONC
25	AD614639/(1:20)	1040406	TRACE1	04/04/06	15:35	SW	S	CONC
26	AD614842/(1:10)	1040406	TRACE1	04/04/06	12:56	SW	S	CONC
27	AD614842/(1:5)	1040406	TRACE1	04/04/06	13:01	SW	S	CONC
28	AD614844/(1:10)	1040406	TRACE1	04/04/06	12:46	SW	S	CONC
29	AD614844/(1:5)	1040406	TRACE1	04/04/06	12:51	SW	S	CONC
30	AD614861/(1:5)	1040406	TRACE1	04/05/06	03:13	SW	S	CONC
31	AD614862/(1:5)	1040406	TRACE1	04/04/06	12:33	SW	S	CONC
32	AD614863/(1:10)	1040406	TRACE1	04/04/06	12:38	SW	S	CONC
33	AD615002	1040406	TRACE1	04/04/06	12:18	SW	S	CONC
34	AD615003	1040406	TRACE1	04/04/06	12:23	SW	S	CONC
35	AD615055	1040406	TRACE1	04/04/06	17:17	SW	S	CONC
36	AD615056	1040406	TRACE1	04/04/06	17:22	SW	S	CONC
37	AD615057	1040406	TRACE1	04/04/06	17:27	SW	S	CONC
38	AD615057/L (1:5)	1040406	TRACE1	04/04/06	17:32	SW	S	CONC
39	AD615057/PS	1040406	TRACE1	04/04/06	17:37	SW	S	CONC
40	AD615058/MS	1040406	TRACE1	04/04/06	17:53	SW	S	CONC
41	AD615059/SD	1040406	TRACE1	04/04/06	17:58	SW	S	CONC
42	AD615060	1040406	TRACE1	04/04/06	18:03	SW	S	CONC
43	AD615061	1040406	TRACE1	04/04/06	18:08	SW	S	CONC
44	AD615062	1040406	TRACE1	04/04/06	18:13	SW	S	CONC
45	AD615063	1040406	TRACE1	04/04/06	18:18	SW	S	CONC
46	AD615064	1040406	TRACE1	04/04/06	18:22	SW	S	CONC
47	AD615065	1040406	TRACE1	04/04/06	18:27	SW	S	CONC
48	AD615066	1040406	TRACE1	04/04/06	18:32	SW	S	CONC
49	AD615067	1040406	TRACE1	04/04/06	18:37	SW	S	CONC
50	AD615068	1040406	TRACE1	04/04/06	18:53	SW	S	CONC
51	AD615069	1040406	TRACE1	04/04/06	18:58	SW	S	CONC
52	AD615070	1040406	TRACE1	04/04/06	19:03	SW	S	CONC
53	AD615071	1040406	TRACE1	04/04/06	19:08	SW	S	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
54	AD615072	1040406	TRACE1	04/04/06	19:13	SW	S	CONC
55	AD615073	1040406	TRACE1	04/04/06	19:18	SW	S	CONC
56	AD615074	1040406	TRACE1	04/04/06	19:23	SW	S	CONC
57	AD615075/FB	1040406	TRACE1	04/04/06	17:12	SW	S	CONC
58	AD615076/PB	1040406	TRACE1	04/04/06	17:07	SW	S	CONC
59	AD615077	1040406	TRACE1	04/04/06	19:38	SW	S	CONC
60	AD615078	1040406	TRACE1	04/04/06	21:01	SW	S	CONC
61	AD615079	1040406	TRACE1	04/04/06	21:06	SW	S	CONC
62	AD615080	1040406	TRACE1	04/04/06	21:11	SW	S	CONC
63	AD615081	1040406	TRACE1	04/04/06	21:16	SW	S	CONC
64	AD615081/L (1:5)	1040406	TRACE1	04/04/06	21:21	SW	S	CONC
65	AD615081/PS	1040406	TRACE1	04/04/06	21:26	SW	S	CONC
66	AD615082/MS	1040406	TRACE1	04/04/06	21:31	SW	S	CONC
67	AD615083/SD	1040406	TRACE1	04/04/06	21:36	SW	S	CONC
68	AD615084	1040406	TRACE1	04/04/06	21:41	SW	S	CONC
69	AD615085	1040406	TRACE1	04/04/06	21:46	SW	S	CONC
70	AD615086	1040406	TRACE1	04/04/06	22:02	SW	S	CONC
71	AD615087	1040406	TRACE1	04/04/06	22:07	SW	S	CONC
72	AD615088	1040406	TRACE1	04/04/06	22:12	SW	S	CONC
73	AD615089	1040406	TRACE1	04/04/06	22:17	SW	S	CONC
74	AD615090	1040406	TRACE1	04/04/06	22:22	SW	S	CONC
75	AD615091	1040406	TRACE1	04/04/06	22:27	SW	S	CONC
76	AD615092	1040406	TRACE1	04/04/06	22:32	SW	S	CONC
77	AD615093	1040406	TRACE1	04/04/06	22:37	SW	S	CONC
78	AD615094	1040406	TRACE1	04/04/06	22:42	SW	S	CONC
79	AD615095	1040406	TRACE1	04/04/06	22:47	SW	S	CONC
80	AD615096	1040406	TRACE1	04/04/06	23:03	SW	S	CONC
81	AD615097	1040406	TRACE1	04/04/06	23:08	SW	S	CONC
82	AD615098	1040406	TRACE1	04/04/06	23:13	SW	S	CONC
83	AD615099/FB	1040406	TRACE1	04/04/06	19:33	SW	S	CONC
84	AD615100/PB	1040406	TRACE1	04/04/06	19:28	SW	S	CONC
85	AD615101	1040406	TRACE1	04/05/06	01:44	SW	S	CONC
86	AD615101/L (1:5)	1040406	TRACE1	04/05/06	01:49	SW	S	CONC
87	AD615101/PS	1040406	TRACE1	04/05/06	02:06	SW	S	CONC
88	AD615102/MS	1040406	TRACE1	04/05/06	02:11	SW	S	CONC
89	AD615103/SD	1040406	TRACE1	04/05/06	02:16	SW	S	CONC
90	AD615104/EBLK	1040406	TRACE1	04/05/06	01:40	SW	S	CONC
91	AD615105/LCS	1040406	TRACE1	04/05/06	01:35	SW	S	CONC
92	AD615106/PB	1040406	TRACE1	04/05/06	01:30	SW	S	CONC
93	AD615107	1040406	TRACE1	04/05/06	02:37	SW	S	CONC
94	AD615107/L (1:5)	1040406	TRACE1	04/05/06	02:42	SW	S	CONC
95	AD615107/PS	1040406	TRACE1	04/05/06	02:47	SW	S	CONC
96	AD615108/MS	1040406	TRACE1	04/05/06	02:52	SW	S	CONC
97	AD615109/SD	1040406	TRACE1	04/05/06	03:08	SW	S	CONC
98	AD615110/EBLK	1040406	TRACE1	04/05/06	02:32	SW	S	CONC
99	AD615111/LCS	1040406	TRACE1	04/05/06	02:27	SW	S	CONC
100	AD615112/PB	1040406	TRACE1	04/05/06	02:22	SW	S	CONC
101	AD615113	1040406	TRACE1	04/05/06	05:19	SW	S	CONC
102	AD615113/L (1:5)	1040406	TRACE1	04/05/06	05:24	SW	S	CONC
103	AD615113/PS	1040406	TRACE1	04/05/06	05:29	SW	S	CONC
104	AD615114	1040406	TRACE1	04/05/06	05:34	SW	S	CONC
105	AD615115	1040406	TRACE1	04/05/06	05:39	SW	S	CONC
106	AD615115/L (1:5)	1040406	TRACE1	04/05/06	05:44	SW	S	CONC
107	AD615115/PS	1040406	TRACE1	04/05/06	05:49	SW	S	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
108	AD615116	1040406	TRACE1	04/05/06	05:54	SW	S	CONC
109	AD615117	1040406	TRACE1	04/05/06	06:10	SW	S	CONC
110	AD615118	1040406	TRACE1	04/05/06	06:15	SW	S	CONC
111	AD615119	1040406	TRACE1	04/05/06	06:20	SW	S	CONC
112	AD615120	1040406	TRACE1	04/05/06	06:25	SW	S	CONC
113	AD615121	1040406	TRACE1	04/05/06	06:30	SW	S	CONC
114	AD615122	1040406	TRACE1	04/05/06	06:35	SW	S	CONC
115	AD615123	1040406	TRACE1	04/05/06	06:40	SW	S	CONC
116	AD615124	1040406	TRACE1	04/05/06	06:45	SW	S	CONC
117	AD615125	1040406	TRACE1	04/05/06	06:50	SW	S	CONC
118	AD615126	1040406	TRACE1	04/05/06	06:55	SW	S	CONC
119	AD615126/L (1:5)	1040406	TRACE1	04/05/06	07:11	SW	S	CONC
120	AD615126/PS	1040406	TRACE1	04/05/06	07:16	SW	S	CONC
121	AD615127/MS	1040406	TRACE1	04/05/06	07:21	SW	S	CONC
122	AD615128/SD	1040406	TRACE1	04/05/06	07:26	SW	S	CONC
123	AD615129	1040406	TRACE1	04/05/06	07:31	SW	S	CONC
124	AD615129/L (1:5)	1040406	TRACE1	04/05/06	07:36	SW	S	CONC
125	AD615129/PS	1040406	TRACE1	04/05/06	07:41	SW	S	CONC
126	AD615130	1040406	TRACE1	04/05/06	07:46	SW	S	CONC
127	AD615131	1040406	TRACE1	04/05/06	07:51	SW	S	CONC
128	AD615132	1040406	TRACE1	04/05/06	07:56	SW	S	CONC
129	AD615132/L (1:5)	1040406	TRACE1	04/05/06	08:12	SW	S	CONC
130	AD615132/PS	1040406	TRACE1	04/05/06	08:17	SW	S	CONC
131	AD615133	1040406	TRACE1	04/05/06	08:22	SW	S	CONC
132	AD615134/CLPSL	1040406	TRACE1	04/05/06	05:14	SW	S	CONC
133	AD615135/PB	1040406	TRACE1	04/05/06	05:09	SW	S	CONC
134	AD615136	1040406	TRACE1	04/04/06	23:28	SW	S	CONC
135	AD615137	1040406	TRACE1	04/04/06	23:33	SW	S	CONC
136	AD615138	1040406	TRACE1	04/04/06	23:38	SW	S	CONC
137	AD615138/L (1:5)	1040406	TRACE1	04/04/06	23:43	SW	S	CONC
138	AD615138/PS	1040406	TRACE1	04/04/06	23:48	SW	S	CONC
139	AD615139/MS	1040406	TRACE1	04/05/06	00:04	SW	S	CONC
140	AD615140/SD	1040406	TRACE1	04/05/06	00:09	SW	S	CONC
141	AD615141	1040406	TRACE1	04/05/06	00:14	SW	S	CONC
142	AD615142	1040406	TRACE1	04/05/06	00:19	SW	S	CONC
143	AD615143	1040406	TRACE1	04/05/06	00:24	SW	S	CONC
144	AD615144	1040406	TRACE1	04/05/06	00:29	SW	S	CONC
145	AD615145	1040406	TRACE1	04/05/06	00:34	SW	S	CONC
146	AD615146	1040406	TRACE1	04/05/06	00:39	SW	S	CONC
147	AD615147	1040406	TRACE1	04/05/06	00:44	SW	S	CONC
148	AD615148	1040406	TRACE1	04/05/06	00:49	SW	S	CONC
149	AD615149	1040406	TRACE1	04/05/06	01:05	SW	S	CONC
150	AD615150	1040406	TRACE1	04/05/06	01:10	SW	S	CONC
151	AD615151	1040406	TRACE1	04/05/06	01:15	SW	S	CONC
152	AD615152	1040406	TRACE1	04/05/06	01:20	SW	S	CONC
153	AD615153	1040406	TRACE1	04/05/06	01:25	SW	S	CONC
154	AD615154/FB	1040406	TRACE1	04/04/06	23:23	SW	S	CONC
155	AD615155/PB	1040406	TRACE1	04/04/06	23:18	SW	S	CONC
156	AD615194	1040406	TRACE1	04/04/06	16:01	SW	S	CONC
157	AD615195	1040406	TRACE1	04/04/06	16:06	SW	S	CONC
158	AD615196	1040406	TRACE1	04/04/06	16:11	SW	S	CONC
159	AD615197	1040406	TRACE1	04/04/06	16:16	SW	S	CONC
160	AD615198	1040406	TRACE1	04/04/06	16:21	SW	S	CONC
161	AD615199	1040406	TRACE1	04/04/06	16:26	SW	S	CONC

Analysis Report Summary 04/05/06 08:45:43 AM page 4

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
162	AD615199/L (1:5)	1040406	TRACE1	04/04/06	16:31	SW	S	CONC
163	AD615199/PS	1040406	TRACE1	04/04/06	16:36	SW	S	CONC
164	AD615200/MS	1040406	TRACE1	04/04/06	16:52	SW	S	CONC
165	AD615201/SD	1040406	TRACE1	04/04/06	16:57	SW	S	CONC
166	AD615202	1040406	TRACE1	04/04/06	17:02	SW	S	CONC
167	AD615203/FB	1040406	TRACE1	04/04/06	15:57	SW	S	CONC
168	AD615204/PB	1040406	TRACE1	04/04/06	15:52	SW	S	CONC
169	CCB	1040406	TRACE1	04/04/06	12:13	SW	B	CONC
170	CCB	1040406	TRACE1	04/04/06	13:17	SW	B	CONC
171	CCB	1040406	TRACE1	04/04/06	14:24	SW	B	CONC
172	CCB	1040406	TRACE1	04/04/06	15:47	SW	B	CONC
173	CCB	1040406	TRACE1	04/04/06	16:47	SW	B	CONC
174	CCB	1040406	TRACE1	04/04/06	17:48	SW	B	CONC
175	CCB	1040406	TRACE1	04/04/06	18:49	SW	B	CONC
176	CCB	1040406	TRACE1	04/04/06	19:49	SW	B	CONC
177	CCB	1040406	TRACE1	04/04/06	20:56	SW	B	CONC
178	CCB	1040406	TRACE1	04/04/06	21:57	SW	B	CONC
179	CCB	1040406	TRACE1	04/04/06	22:58	SW	B	CONC
180	CCB	1040406	TRACE1	04/04/06	23:59	SW	B	CONC
181	CCB	1040406	TRACE1	04/05/06	01:00	SW	B	CONC
182	CCB	1040406	TRACE1	04/05/06	02:01	SW	B	CONC
183	CCB	1040406	TRACE1	04/05/06	03:03	SW	B	CONC
184	CCB	1040406	TRACE1	04/05/06	03:57	SW	B	CONC
185	CCB	1040406	TRACE1	04/05/06	05:04	SW	B	CONC
186	CCB	1040406	TRACE1	04/05/06	06:05	SW	B	CONC
187	CCB	1040406	TRACE1	04/05/06	07:06	SW	B	CONC
188	CCB	1040406	TRACE1	04/05/06	08:07	SW	B	CONC
189	CCB	1040406	TRACE1	04/05/06	08:33	SW	B	CONC
190	CCV	1040406	TRACE1	04/04/06	12:08	SW	Q	CONC
191	CCV	1040406	TRACE1	04/04/06	13:12	SW	Q	CONC
192	CCV	1040406	TRACE1	04/04/06	14:19	SW	Q	CONC
193	CCV	1040406	TRACE1	04/04/06	15:42	SW	Q	CONC
194	CCV	1040406	TRACE1	04/04/06	16:42	SW	Q	CONC
195	CCV	1040406	TRACE1	04/04/06	17:43	SW	Q	CONC
196	CCV	1040406	TRACE1	04/04/06	18:44	SW	Q	CONC
197	CCV	1040406	TRACE1	04/04/06	19:44	SW	Q	CONC
198	CCV	1040406	TRACE1	04/04/06	20:51	SW	Q	CONC
199	CCV	1040406	TRACE1	04/04/06	21:52	SW	Q	CONC
200	CCV	1040406	TRACE1	04/04/06	22:53	SW	Q	CONC
201	CCV	1040406	TRACE1	04/04/06	23:54	SW	Q	CONC
202	CCV	1040406	TRACE1	04/05/06	00:55	SW	Q	CONC
203	CCV	1040406	TRACE1	04/05/06	01:56	SW	Q	CONC
204	CCV	1040406	TRACE1	04/05/06	02:58	SW	Q	CONC
205	CCV	1040406	TRACE1	04/05/06	03:52	SW	Q	CONC
206	CCV	1040406	TRACE1	04/05/06	04:59	SW	Q	CONC
207	CCV	1040406	TRACE1	04/05/06	06:00	SW	Q	CONC
208	CCV	1040406	TRACE1	04/05/06	07:01	SW	Q	CONC
209	CCV	1040406	TRACE1	04/05/06	08:02	SW	Q	CONC
210	CCV	1040406	TRACE1	04/05/06	08:28	SW	Q	CONC
211	CRI	1040406	TRACE1	04/04/06	11:52	SW	B	CONC
212	CRI	1040406	TRACE1	04/04/06	14:03	SW	B	CONC
213	CRI	1040406	TRACE1	04/04/06	20:35	SW	B	CONC
214	CRI	1040406	TRACE1	04/05/06	04:43	SW	B	CONC
215	ICB	1040406	TRACE1	04/04/06	11:47	SW	B	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
216	ICB	1040406	TRACE1	04/04/06	20:30	SW	B	CONC
217	ICB	1040406	TRACE1	04/05/06	04:38	SW	B	CONC
218	ICSA	1040406	TRACE1	04/04/06	11:57	SW	Q	CONC
219	ICSA	1040406	TRACE1	04/04/06	14:08	SW	Q	CONC
220	ICSA	1040406	TRACE1	04/04/06	20:40	SW	Q	CONC
221	ICSA	1040406	TRACE1	04/05/06	04:48	SW	Q	CONC
222	ICSAB	1040406	TRACE1	04/04/06	12:02	SW	Q	CONC
223	ICSAB	1040406	TRACE1	04/04/06	14:13	SW	Q	CONC
224	ICSAB	1040406	TRACE1	04/04/06	20:45	SW	Q	CONC
225	ICSAB	1040406	TRACE1	04/05/06	04:53	SW	Q	CONC
226	ICV	1040406	TRACE1	04/04/06	11:42	SW	Q	CONC
227	ICV	1040406	TRACE1	04/04/06	20:25	SW	Q	CONC
228	ICV	1040406	TRACE1	04/05/06	04:33	SW	Q	CONC
229	STD 1	1040406	TRACE1	04/04/06	11:23		X	IR
230	STD 1	1040406	TRACE1	04/04/06	20:06		X	IR
231	STD 1	1040406	TRACE1	04/05/06	04:14		X	IR
232	STD 2	1040406	TRACE1	04/04/06	11:28		X	IR
233	STD 2	1040406	TRACE1	04/04/06	20:11		X	IR
234	STD 2	1040406	TRACE1	04/05/06	04:18		X	IR
235	STD 3	1040406	TRACE1	04/04/06	11:32		X	IR
236	STD 3	1040406	TRACE1	04/04/06	20:15		X	IR
237	STD 3	1040406	TRACE1	04/05/06	04:23		X	IR
238	STD 3 VER	1040406	TRACE1	04/04/06	11:37	SW	B	CONC
239	STD 3 VER	1040406	TRACE1	04/04/06	20:20	SW	B	CONC
240	STD 3 VER	1040406	TRACE1	04/05/06	04:28	SW	B	CONC
241	STD BLK	1040406	TRACE1	04/04/06	11:18		X	IR
242	STD BLK	1040406	TRACE1	04/04/06	20:01		X	IR
243	STD BLK	1040406	TRACE1	04/05/06	04:09		X	IR

Analysis Report Averages 04/05/06 08:45:43 AM page 6

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
1	A6324205/TOT	.26059	-.00032	1.9396	.02824	-.00016	29.599
2	A6325102/TOT	.18891	-.00052	.83238	.01196	.00010	205.31
3	A6327202/S	2.1513	-.00143	.13257	.10230	.00012	213.23
4	A6327202/T	.02423	-.00107	.13035	.07262	.00009	180.36
5	A6327203/S	3.6779	.00136	.20124	.15085	.00025	199.42
6	A6327203/T	1.0420	.00306	.20312	.12054	.00008	162.96
7	A6329402/TOT	-.02498	-.00118	.35243	.14700	-.00025	23.560
8	A6330202/S	-.00223	.01633	.01869	.14990	-.00018	59.070
9	A6330202/T	-.00933	.01544	.01889	.14971	-.00028	58.468
10	A6330203/S	.02627	.00959	.04119	.09736	-.00014	136.14
11	A6330203/T	.01006	.00837	.03978	.09583	-.00021	132.22
12	AD614289	.48239	-.00071	.84513	.01328	.00029	210.05
13	AD614446	.02743	-.00103	.12707	.07253	.00024	176.62
14	AD614449	8.9624	.00528	.21141	.17704	.00055	162.66
15	AD614452	-.01400	-.00036	.32979	.14375	-.00009	22.206
16	AD614456	.00364	.01492	.01936	.14838	-.00010	58.008
17	AD614457	.01345	.01115	.04016	.09495	-.00001	128.83
18	AD614475	1.2227	.00181	1.8800	.03414	.00002	29.191
19	AD614572	7.6961	.00264	.14735	.16505	.00085	228.61
20	AD614573	17.487	.01034	.22236	.27933	.00098	206.30
21	AD614577	-.02351	.00635	.01083	.08184	-.00136	31.922
22	AD614580	.01523	.01139	.04166	.09557	.00008	131.70
23	AD614591	.01449	.00301	.48309	.04507	.00009	188.31
24	AD614639/(1:10)	.03347	-.00001	.47426	.00603	.00044	263.38
25	AD614639/(1:20)	.01926	-.00004	.22782	.00305	.00025	130.34
26	AD614842/(1:10)	.07077	.00014	1.3490	.00492	.00062	5.3961
27	AD614842/(1:5)	.19661	.00223	2.7666	.01156	.00096	10.745
28	AD614844/(1:10)	.09079	.00131	2.4029	.00645	.00077	5.0975
29	AD614844/(1:5)	.30783	.00266	5.0480	.01828	.00112	10.469
30	AD614861/(1:5)	.02772	.00664	2.9727	.06854	-.00015	26.016
31	AD614862/(1:5)	1.2952	.01351	5.6324	.12304	.00000	31.237
32	AD614863/(1:10)	.06250	.00663	2.1844	.02449	-.00022	3.7045
33	AD615002	15.920	.01191	.02001	.07634	.00100	433.86
34	AD615003	20.239	.01213	.02562	.11250	.00106	447.01
35	AD615055	.02052	.01003	.80523	.01327	.00047	433.20
36	AD615056	.02514	.01274	.65330	.01361	.00048	447.94
37	AD615057	.02541	.00224	.33739	.01332	.00045	400.87
38	AD615057/L (1:5)	.01159	.00093	.06636	.00293	.00014	79.245
39	AD615057/PS	9.8557	.20152	.52658	.21327	.19087	399.09
40	AD615058/MS	9.8600	.19872	.51973	.21276	.18910	398.63
41	AD615059/SD	10.292	.20977	.54513	.22173	.19670	415.33
42	AD615060	.04642	.00365	.20750	.01861	.00024	213.12
43	AD615061	.01540	.00066	.00433	.00024	-.00014	.06627
44	AD615062	.01567	-.00087	.00344	.00024	-.00009	.05948
45	AD615063	.01464	.00134	.03757	.01988	-.00009	8.8917
46	AD615064	.01997	.00028	.00336	.00013	-.00010	.05714
47	AD615065	.02439	.00080	.03588	.01976	-.00007	8.8492
48	AD615066	.02924	.00045	.02478	.00182	-.00005	6.8290
49	AD615067	.20056	.00191	.01936	.00865	.00000	4.2147
50	AD615068	.04506	-.00029	.02037	.01301	.00000	9.6578
51	AD615069	.15935	.00146	.02140	.04221	.00006	5.2995
52	AD615070	.02950	.00115	.03000	.00568	.00000	13.769
53	AD615071	.20678	.00082	.01566	.00525	.00012	10.902

Analysis Report Averages 04/05/06 08:45:43 AM page 7

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
54	AD615072	.02599	-.00002	.04947	.02453	-.00005	18.267
55	AD615073	.01082	.02654	.02102	.00779	-.00030	10.354
56	AD615074	.04704	.00085	.01863	.02734	-.00002	6.1108
57	AD615075/FB	9.6607	.19182	.19423	.20109	.19185	9.4775
58	AD615076/PB	.00859	.00053	.00386	.00015	-.00026	.03797
59	AD615077	.08654	.00120	.01327	.01122	.00003	5.9482
60	AD615078	.12719	-.00036	.01844	.08099	.00013	20.063
61	AD615079	.03029	-.00106	.00373	.00028	-.00008	.08010
62	AD615080	.03718	-.00033	.03363	.06087	.00021	223.67
63	AD615081	.03209	-.00253	.05614	.12313	.00043	360.14
64	AD615081/L (1:5)	.01188	.00098	.01122	.02392	.00002	68.660
65	AD615081/PS	9.9161	.20356	.25190	.31980	.19813	352.03
66	AD615082/MS	9.8722	.20460	.24735	.31805	.19958	352.56
67	AD615083/SD	10.251	.20045	.25432	.32601	.19372	356.29
68	AD615084	.07847	.00048	.02719	.02167	.00001	61.537
69	AD615085	.01969	-.00035	.03947	.06127	.00000	71.870
70	AD615086	.02305	-.00022	.24677	.04326	.00001	64.559
71	AD615087	.02466	-.00178	.30695	.12635	.00004	105.44
72	AD615088	.02633	.20518	.51224	.23126	.00007	113.14
73	AD615089	.02409	.02959	.03664	.05372	-.00001	23.677
74	AD615090	.01701	.00207	.13983	.03814	-.00005	57.670
75	AD615091	.02173	-.00002	.03697	.04091	-.00004	34.767
76	AD615092	.16049	-.00161	.02439	.01000	-.00002	3.9721
77	AD615093	.02752	-.00067	.01458	.01214	-.00006	6.7673
78	AD615094	.04515	-.00100	.02434	.01589	-.00005	3.8461
79	AD615095	.02196	-.00156	.04700	.01271	-.00012	16.428
80	AD615096	.22583	.01856	.02972	.01904	-.00008	11.410
81	AD615097	.02408	.00000	.01877	.02607	-.00010	16.094
82	AD615098	.02665	-.00133	.02038	.01564	-.00008	3.7451
83	AD615099/FB	9.8199	.19394	.19485	.19959	.19337	9.7977
84	AD615100/PB	.03310	.00078	.00306	-.00007	.00003	.04242
85	AD615101	.07267	.00411	.16180	.17538	.00031	246.46
86	AD615101/L (1:5)	.03163	.00065	.03411	.03643	-.00007	49.202
87	AD615101/PS	.07436	1.0427	.15617	1.1534	1.0203	243.50
88	AD615102/MS	.06147	.96999	.14909	1.0704	.91576	235.36
89	AD615103/SD	.05976	1.0045	.15123	1.1078	.94942	239.33
90	AD615104/EBLK	.01351	-.00197	.03134	H.02147	.00015	H1.1705
91	AD615105/LCS	.01449	1.0120	.02733	.96619	.95567	1.1729
92	AD615106/PB	-.01244	-.00096	.01006	.00009	-.00022	.03747
93	AD615107	.16351	.00756	.19082	.15757	.00018	202.47
94	AD615107/L (1:5)	.02923	-.00045	.03901	.03224	-.00011	40.278
95	AD615107/PS	.17432	1.0576	.18790	1.1448	1.0343	201.31
96	AD615108/MS	.13901	1.0249	.17863	1.1092	.97977	199.47
97	AD615109/SD	.14101	1.0345	.18065	1.1146	.98494	200.17
98	AD615110/EBLK	.02744	-.00189	.04689	H.04123	.00001	H.89795
99	AD615111/LCS	.02455	1.0303	.03166	.99194	.97603	.88456
100	AD615112/PB	-.01785	-.00022	.00249	.00005	-.00032	.02984
101	AD615113	71.382	.02254	.10989	.89196	.00371	257.82
102	AD615113/L (1:5)	14.468	.00542	.02215	.18168	.00065	52.905
103	AD615113/PS	87.099	.41360	.47492	1.2429	.39105	264.50
104	AD615114	82.526	.02598	.09511	.79477	.00413	255.31
105	AD615115	82.737	.13241	.19290	1.0428	.00448	36.071
106	AD615115/L (1:5)	17.167	.02831	.04106	.21539	.00084	7.6345
107	AD615115/PS	98.886	.50840	.55539	1.3920	.39092	53.366

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
108	AD615116	88.313	.10016	.29468	.81153	.00485	40.096
109	AD615117	68.628	.11416	1.1929	.75426	.00287	35.162
110	AD615118	37.549	.13778	.10116	3.8547	.00205	14.967
111	AD615119	84.815	.04101	.01211	.68468	.00376	41.763
112	AD615120	56.684	.02719	.00867	.38598	.00242	31.112
113	AD615121	127.89	.12210	.04698	.88371	.00629	92.305
114	AD615122	128.76	.08271	.03899	.68429	.00590	48.333
115	AD615123	129.71	.08024	.03914	.73972	.00645	39.490
116	AD615124	90.208	.06784	.02496	.69347	.00492	465.35
117	AD615125	104.91	.07345	.02586	.81499	.00511	48.127
118	AD615126	94.800	.05108	.00908	.88023	.00426	42.036
119	AD615126/L (1:5)	20.059	.01107	.00184	.18740	.00072	9.0733
120	AD615126/PS	109.70	.41556	.36634	1.2239	.38133	58.285
121	AD615127/MS	110.80	.40315	.34544	1.2462	.37923	63.017
122	AD615128/SD	109.51	.40725	.34457	1.2513	.37854	59.851
123	AD615129	86.190	.04524	.01960	.44080	.00385	14.333
124	AD615129/L (1:5)	17.774	.01120	.00381	.09226	.00067	3.0234
125	AD615129/PS	101.59	.42905	.38570	.81705	.39640	32.491
126	AD615130	98.690	.05688	.02700	.72285	.00461	31.935
127	AD615131	122.27	.10374	.04818	1.3431	.00575	78.284
128	AD615132	.87337	.02000	.03840	1.2943	-.00041	19.236
129	AD615132/L (1:5)	.15606	.00436	.00736	.25625	-.00017	3.9235
130	AD615132/PS	20.482	.42674	.42640	1.6509	.40929	38.275
131	AD615133	6.9121	.11618	.15799	1.3788	-.00043	9.2848
132	AD615134/CLPSL	58.329	1.5793	1.0158	3.3236	1.1009	36.160
133	AD615135/PB	.19630	.00000	-.00008	.00152	-.00013	.11277
134	AD615136	.01074	-.00073	.00338	.00018	-.00014	.06438
135	AD615137	.17912	-.00089	.03521	.06081	.00012	219.02
136	AD615138	.12634	-.00137	.05341	.12208	.00024	346.94
137	AD615138/L (1:5)	.02473	-.00072	.01102	.02421	.00001	68.319
138	AD615138/PS	10.028	.20258	.25387	.32125	.20070	350.33
139	AD615139/MS	10.500	.20242	.25757	.33259	.19941	358.47
140	AD615140/SD	10.189	.20128	.25117	.32792	.19619	358.11
141	AD615141	1.8242	-.00081	.02820	.02951	.00000	64.563
142	AD615142	3.0284	.01401	.04528	.11827	.00018	73.174
143	AD615143	.46791	-.00147	.24274	.04720	-.00001	65.412
144	AD615144	.36122	-.00040	.29685	.15386	.00004	99.000
145	AD615145	.02149	-.00078	.03598	.00053	-.00010	1.3883
146	AD615146	.01354	-.00133	.00757	.00583	-.00014	4.9751
147	AD615147	.02260	.00004	5.4893	.05946	.00115	644.37
148	AD615148	.02561	.00157	7.1364	.04097	.00218	H2154.4
149	AD615149	.01791	-.00134	3.3566	.00962	.00058	384.48
150	AD615150	.01849	-.00017	5.8283	.06323	.00114	682.73
151	AD615151	.02314	-.00078	7.4238	.06818	.00121	693.40
152	AD615152	.20030	.00022	6.0679	.03174	.00110	690.85
153	AD615153	.02026	.00049	5.6997	.11445	.00125	744.38
154	AD615154/FB	9.8181	.19607	.19442	.20300	.19864	9.8619
155	AD615155/PB	.00661	-.00083	.00300	.00010	-.00016	.04032
156	AD615194	1.2185	.00140	.01268	.10557	.00010	60.245
157	AD615195	.03582	.00144	.03066	.87400	.00032	186.59
158	AD615196	.02947	.00429	.03250	.91663	.00028	204.46
159	AD615197	.06450	.00007	.05209	.85031	.00033	172.56
160	AD615198	.07921	-.00074	.01790	.09231	.00017	155.78
161	AD615199	.31175	.00112	.06004	.03639	.00000	44.745

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
162	AD615199/L (1:5)	.07766	.00158	.01312	.00771	-.00007	9.0269
163	AD615199/PS	10.098	.20676	.25551	.23811	.20284	53.628
164	AD615200/MS	10.085	.20311	.25123	.23820	.20077	54.195
165	AD615201/SD	10.191	.20242	.25488	.24043	.20070	54.865
166	AD615202	.19630	.00151	.03085	.02305	.00000	34.850
167	AD615203/FB	9.6557	.19906	.19248	.20054	.19741	9.7940
168	AD615204/PB	.02052	-.00041	.00533	.00014	-.00008	.05025
169	CCB	.04224	.00180	.00100	.00024	.00006	.04785
170	CCB	.01014	.00236	.00388	.00010	-.00009	.01916
171	CCB	.02009	.00006	.00243	.00015	.00000	.02638
172	CCB	.05460	.00308	.00139	.00021	.00019	.06324
173	CCB	.01629	.00002	.00231	.00026	.00003	.04987
174	CCB	.00680	.00182	.00151	.00013	-.00001	.00548
175	CCB	.01390	.00053	.00164	.00005	.00010	.00492
176	CCB	.01045	.00035	.00090	.00000	.00005	-.00083
177	CCB	.01318	-.00250	.00066	.00017	.00011	.01496
178	CCB	.00941	-.00178	.00100	.00022	.00013	.01873
179	CCB	.00752	-.00131	.00070	.00024	.00007	.01737
180	CCB	-.00941	-.00144	.00093	.00006	-.00005	.00809
181	CCB	-.00987	-.00036	.00431	.00008	-.00008	.01738
182	CCB	-.01463	.00025	.00388	.00010	-.00011	.02258
183	CCB	-.02142	-.00028	.00099	.00029	-.00011	.02614
184	CCB	-.01859	-.00285	.00178	-.00002	-.00012	.01138
185	CCB	-.00188	.00026	-.00103	.00025	.00006	.02064
186	CCB	-.01012	.00070	.00026	.00023	-.00002	.01538
187	CCB	-.01051	.00068	-.00047	.00030	-.00005	.01893
188	CCB	-.02247	.00017	-.00025	.00011	-.00021	.00715
189	CCB	-.01636	.00036	.00002	.00022	-.00003	.01659
190	CCV	24.804	.48871	.47523	.48979	.50315	25.180
191	CCV	24.819	.48571	.47756	.48977	.50133	24.973
192	CCV	24.611	.48662	.47630	.48575	.50181	25.101
193	CCV	24.733	.48989	.47454	.48217	.49597	25.197
194	CCV	24.797	.48878	.47727	.48509	.50023	25.202
195	CCV	24.663	.48988	.47130	.48547	.49788	24.926
196	CCV	24.887	.48648	.47427	.48193	.49409	25.206
197	CCV	24.916	.48610	.47385	.48255	.49304	25.133
198	CCV	24.914	.49098	.47786	.48922	.50175	25.358
199	CCV	24.951	.48886	.47358	.48813	.49905	25.237
200	CCV	24.982	.48932	.47456	.48939	.50142	25.214
201	CCV	24.987	.49039	.47674	.48945	.50339	25.242
202	CCV	24.987	.48802	.48046	.48942	.50541	25.234
203	CCV	25.169	.48543	.47982	.49180	.50808	25.307
204	CCV	24.964	.48687	.47620	.49146	.50795	25.189
205	CCV	25.218	.48629	.47992	.48902	.50547	25.477
206	CCV	24.643	.49121	.46919	.48791	.50526	25.205
207	CCV	24.913	.49132	.47415	.49262	.51131	25.416
208	CCV	24.746	.49074	.47337	.49239	.51091	25.319
209	CCV	24.878	.49388	.47597	.49418	.51543	25.533
210	CCV	24.962	.49567	.47399	.49460	.51564	25.514
211	CRI	.19137	.01100	.06019	.00205	.00188	.51799
212	CRI	.18727	.01163	.05776	.00212	.00191	.51590
213	CRI	.19958	.00845	.05762	.00208	.00199	.52532
214	CRI	.18958	.01009	.05665	.00207	.00195	.52605
215	ICB	-.00559	.00086	.00180	.00012	-.00006	.00189

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
216	ICB	.00251	-.00194	.00226	.00006	.00006	.00436
217	ICB	-.00488	.00099	.00048	.00027	.00007	.00884
218	ICSA	503.55	.00410	.02735	.00270	.00160	494.73
219	ICSA	501.34	.00205	.02777	.00274	.00159	491.81
220	ICSA	510.26	.00097	.02697	.00267	.00170	502.12
221	ICSA	509.59	.00371	.02585	.00282	.00162	503.44
222	ICSAB	515.06	.10753	.00567	.50997	.50176	511.17
223	ICSAB	509.65	.10766	.00463	.50602	.49574	506.24
224	ICSAB	517.45	.10562	.00374	.50964	.49726	515.64
225	ICSAB	518.21	.10791	.00317	.51477	.50751	517.73
226	ICV	18.880	.37109	.36305	.36834	.37974	19.294
227	ICV	18.840	.37128	.36096	.36727	.37749	19.245
228	ICV	18.730	.37301	.35643	.36817	.37915	19.136
229	STD 1	4.58797	1.23513	.43396	.86385	1.70224	
230	STD 1	4.51272	1.22345	.43179	.86149	1.68747	
231	STD 1	4.54137	1.18878	.44324	.86631	1.69874	
232	STD 2	22.3369	6.13443	2.04331	4.30859	8.01558	
233	STD 2	22.2079	6.13798	2.04937	4.28775	7.9503	
234	STD 2	22.2609	6.02794	2.05724	4.3101	8.02316	
235	STD 3	45.1204	12.3788	4.0916	8.57738	15.9131	46.3069
236	STD 3	44.2966	12.1958	4.03977	8.4868	15.5497	45.3653
237	STD 3	44.4016	12.0702	4.04913	8.51463	15.7301	45.3298
238	STD 3 VER	50.150	1.0001	1.0018	.99535	.99587	49.880
239	STD 3 VER	50.357	1.0050	1.0032	.99899	.99621	50.149
240	STD 3 VER	50.430	1.0072	1.0016	1.0045	1.0020	50.193
241	STD BLK	.10614	-.02812	.02306	.00162	.11379	.02952
242	STD BLK	.11292	-.00382	.02547	.00218	.11411	.02766
243	STD BLK	.09454	-.02641	.03311	.00183	.11036	.03255

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
1	A6324205/TOT	-.00006	.00036	.00355	.00305	.24272	6.1159
2	A6325102/TOT	-.00013	.00246	.00059	.00802	.12078	20.425
3	A6327202/S	.00152	.00212	.00349	.00870	5.4324	7.3362
4	A6327202/T	-.00037	.00027	-.00062	-.00115	1.3995	6.2921
5	A6327203/S	.00380	.00607	.00591	.01684	8.6517	5.4996
6	A6327203/T	.00063	.00270	.00188	.00575	3.3137	4.7265
7	A6329402/TOT	-.00005	.00043	.00001	.01014	.29933	5.9436
8	A6330202/S	-.00011	.00003	.00051	-.00031	.13824	1.0131
9	A6330202/T	-.00023	.00019	-.00001	.00043	.14667	.97737
10	A6330203/S	-.00005	.00219	.00004	-.00020	7.5577	1.9251
11	A6330203/T	-.00021	.00232	.00010	-.00022	7.5950	1.8571
12	AD614289	.00012	.00192	.00111	.00915	.33640	19.903
13	AD614446	-.00015	-.00018	.00044	-.00060	1.4032	5.8245
14	AD614449	.00067	.00463	.01066	.01372	10.526	7.1338
15	AD614452	.00025	-.00017	.00051	.00779	.28607	5.1243
16	AD614456	-.00029	-.00026	.00040	-.00017	.13944	.89644
17	AD614457	-.00029	.00161	.00094	-.00001	7.3633	1.6780
18	AD614475	.00010	.00037	.00500	.00326	.96638	5.8426
19	AD614572	.00179	.00339	.01032	.01378	11.031	9.2082
20	AD614573	.00385	.01139	.02328	.03358	25.699	9.3851
21	AD614577	-.00036	.00008	-.00008	-.00087	.09459	.72577
22	AD614580	-.00028	.00181	.00099	-.00051	7.3594	1.6797

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
23	AD614591	.00038	.01107	.00087	.00042	3.5070	10.451
24	AD614639/(1:10)	.00007	-.00002	.00125	-.00042	.00161	4.9101
25	AD614639/(1:20)	-.00013	-.00007	.00054	-.00032	.00339	2.1743
26	AD614842/(1:10)	.03522	.07040	.00286	8.5502	.05107	383.14
27	AD614842/(1:5)	.07154	.14080	.00477	17.640	.08630	H764.87
28	AD614844/(1:10)	.06155	.04770	.00293	10.695	.06839	H500.01
29	AD614844/(1:5)	.12545	.09680	.00604	22.583	.11373	H1060.0
30	AD614861/(1:5)	.00094	.00214	.01616	.21298	1.5818	61.277
31	AD614862/(1:5)	-.00003	.00245	.07701	.07531	.90791	51.079
32	AD614863/(1:10)	-.00007	.00352	.13566	.00373	.39298	61.601
33	AD615002	.00139	.01268	.02626	.04961	40.807	4.0616
34	AD615003	.00207	.01794	.03035	.06310	43.186	5.5855
35	AD615055	-.00013	.03908	.00051	-.00031	1.5539	16.906
36	AD615056	-.00022	.04160	.00106	-.00088	5.7938	14.188
37	AD615057	-.00004	.00729	.00084	-.00014	1.6066	4.4235
38	AD615057/L (1:5)	-.00032	.00128	.00024	-.00049	.34104	.78223
39	AD615057/PS	.18950	.19216	.19284	.20695	11.257	14.979
40	AD615058/MS	.18696	.19358	.19003	.19934	11.060	14.724
41	AD615059/SD	.19449	.20129	.19743	.20676	11.488	15.380
42	AD615060	-.00014	.00256	.00111	-.00010	1.6913	3.0210
43	AD615061	-.00006	-.00012	.00009	-.00043	.01310	.00357
44	AD615062	-.00020	.00014	.00048	-.00015	.01637	.00959
45	AD615063	-.00008	-.00009	.00044	.00009	.01255	3.4639
46	AD615064	-.00038	-.00040	.00009	-.00019	.01259	.02161
47	AD615065	-.00013	.00011	.00076	.00046	.01691	3.4223
48	AD615066	-.00027	-.00025	.00069	-.00003	.02740	.60644
49	AD615067	-.00005	-.00012	.00035	.00549	.04761	1.1345
50	AD615068	-.00017	-.00026	.00004	.00011	.00544	2.9263
51	AD615069	-.00021	.00089	.00028	.00039	.01684	1.7524
52	AD615070	-.00001	-.00027	.00079	.00021	.04496	2.6534
53	AD615071	-.00007	-.00010	.00024	.00017	.02508	2.6192
54	AD615072	.00004	-.00018	.00046	.00084	.01640	7.8975
55	AD615073	-.00016	.00024	.00023	.00006	1.8166	2.5024
56	AD615074	-.00019	-.00014	.00031	.01532	.01200	1.7263
57	AD615075/FB	.19100	.19141	.19157	.19068	9.5988	9.5992
58	AD615076/PB	-.00024	-.00022	.00043	.00022	.01195	-.00038
59	AD615077	.00005	.00015	.00039	.00151	.04546	.85703
60	AD615078	.00017	.00070	.00035	.00193	.00559	3.1340
61	AD615079	.00029	.00001	.00033	.00003	.00565	-.00167
62	AD615080	.00023	.01988	.00043	.00020	20.397	3.1796
63	AD615081	.00014	-.00006	.00019	-.00025	9.2457	6.1777
64	AD615081/L (1:5)	.00004	-.00019	.00008	.00001	1.7935	1.0853
65	AD615081/PS	.19423	.19181	.19708	.20810	18.742	17.000
66	AD615082/MS	.19569	.19700	.19754	.20249	18.724	16.658
67	AD615083/SD	.19106	.19223	.19276	.19855	18.563	16.974
68	AD615084	.00013	-.00022	.00057	.00001	1.2798	4.5167
69	AD615085	.00007	-.00023	.00098	.00042	.61142	7.2438
70	AD615086	.00000	-.00025	.00015	.00006	1.0582	16.719
71	AD615087	-.00005	.00376	.00057	.00017	3.8422	19.581
72	AD615088	.00009	.00035	.00013	-.00002	13.165	42.280
73	AD615089	.00011	.00290	.00040	.00058	6.7864	5.0549
74	AD615090	.00045	.00513	.00033	.00263	2.3608	5.4640
75	AD615091	.00003	.00087	.00038	.00100	.13431	4.3847
76	AD615092	.00016	.00171	.00003	.00085	.00831	.52624

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
77	AD615093	.00016	-.00023	.00049	.00013	.00241	.62360
78	AD615094	.00079	-.00022	.00016	.00062	.10723	.60414
79	AD615095	.00055	-.00007	.00006	.00199	.01071	4.3591
80	AD615096	.00038	.00153	.00058	.00094	1.0660	2.5499
81	AD615097	.00091	.00086	.00022	.00073	.08954	6.8134
82	AD615098	.00065	-.00002	.00031	.00083	.00849	.61213
83	AD615099/FB	.19676	.19580	.19413	.19558	9.8142	9.5011
84	AD615100/PB	-.00034	-.00053	-.00014	-.00088	.00431	.02521
85	AD615101	.00042	.01150	.00112	.01771	28.407	5.2485
86	AD615101/L (1:5)	.00022	.00193	.00013	.00390	5.7069	.72663
87	AD615101/PS	.98924	.99682	.99776	1.0717	28.107	5.1298
88	AD615102/MS	.90535	.92652	.92172	1.0231	26.360	4.9784
89	AD615103/SD	.93968	.96047	.95583	1.0646	26.748	5.0438
90	AD615104/EBLK	.00012	.00033	.00050	H.05920	.03609	.39493
91	AD615105/LCS	.97545	.96733	.96503	1.0989	.02522	.39339
92	AD615106/PB	-.00002	-.00016	.00032	.00057	-.00594	-.01975
93	AD615107	.00032	.01301	.00345	.00746	24.155	5.9839
94	AD615107/L (1:5)	.00013	.00261	.00038	.00264	4.8557	.82762
95	AD615107/PS	.99477	1.0089	1.0110	1.0734	24.037	5.9185
96	AD615108/MS	.95012	.97929	.98025	1.0731	23.608	5.8673
97	AD615109/SD	.95560	.98459	.98537	1.0785	23.715	5.8850
98	AD615110/EBLK	.00007	.00021	.00022	H.01725	.02161	.47853
99	AD615111/LCS	.98512	.98599	.98359	1.0765	.02028	.47436
100	AD615112/PB	.00008	-.00014	-.00016	.00087	-.00757	-.03102
101	AD615113	.00435	.05041	.10606	.37774	103.81	10.398
102	AD615113/L (1:5)	.00083	.01010	.02234	.07748	21.579	1.9111
103	AD615113/PS	.37534	.42179	.48549	.76448	117.98	31.866
104	AD615114	.00343	.05296	.12190	.22401	108.95	12.602
105	AD615115	.01091	.10746	.57461	.93305	255.14	7.8947
106	AD615115/L (1:5)	.00209	.02215	.12272	.19100	53.272	1.5703
107	AD615115/PS	.38344	.47815	.94026	1.3002	263.51	28.973
108	AD615116	.01802	.10319	.23354	.66312	269.82	8.7273
109	AD615117	.01812	.08195	.26222	.62653	250.24	6.5435
110	AD615118	.00806	.07339	.25230	.86385	172.68	4.4403
111	AD615119	.00654	.08036	.22909	.25627	178.97	8.6774
112	AD615120	.02117	.06098	.26382	.16981	122.35	6.1973
113	AD615121	.00572	.19270	.21488	.49331	325.44	16.800
114	AD615122	.00750	.13729	.25860	.42301	295.60	15.047
115	AD615123	.00767	.13779	.28205	.46924	299.77	15.074
116	AD615124	.03996	.10298	.69643	.35964	202.62	11.134
117	AD615125	.05746	.12741	.87476	.47651	240.38	11.714
118	AD615126	.04307	.09139	.95187	.42825	186.42	9.9642
119	AD615126/L (1:5)	.00915	.01930	.20273	.09068	40.019	2.0556
120	AD615126/PS	.39778	.44982	1.2861	.80255	196.81	29.694
121	AD615127/MS	.40426	.45907	1.2743	.81236	197.54	27.059
122	AD615128/SD	.39703	.45574	1.2525	.80218	203.41	27.060
123	AD615129	.00331	.07492	.15074	.17259	207.78	10.078
124	AD615129/L (1:5)	.00076	.01545	.03161	.03601	43.044	2.0868
125	AD615129/PS	.37998	.45029	.53518	.57345	218.07	29.866
126	AD615130	.00951	.10773	.27375	.29677	227.53	12.368
127	AD615131	.00454	.17783	.19069	.53893	297.35	14.522
128	AD615132	.42491	.00247	.87945	.07306	3.5108	1.7503
129	AD615132/L (1:5)	.08456	.00043	.17529	.01494	.69804	.28459
130	AD615132/PS	.79868	.40018	1.2506	.49489	23.679	23.873

Analysis Report Averages 04/05/06 08:45:43 AM page 13

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
131	AD615133	.10988	.00124	2.1916	.01312	2.0217	1.1525
132	AD615134/CLPSL	.49890	1.1846	1.0058	.76165	87.940	26.770
133	AD615135/PB	.00020	-.00002	.00094	.00166	H.51565	.06759
134	AD615136	.00001	-.00008	.00027	.00005	-.00705	-.02310
135	AD615137	.00009	.02007	.00063	.00057	21.805	3.1507
136	AD615138	.00009	.00001	.00107	-.00002	9.3635	6.0365
137	AD615138/L (1:5)	.00023	-.00017	.00045	.00050	1.8798	1.0890
138	AD615138/PS	.19402	.19352	.19920	.20946	19.147	17.075
139	AD615139/MS	.19097	.19494	.19612	.20068	19.130	17.692
140	AD615140/SD	.19038	.19270	.19475	.19933	19.144	16.920
141	AD615141	.00015	.00008	.00536	.00127	4.7308	4.8693
142	AD615142	.00030	.00177	.01313	.00267	17.633	8.0152
143	AD615143	.00000	.00001	.00186	.00104	2.1195	16.315
144	AD615144	.00006	.00431	.00086	.00084	12.396	18.552
145	AD615145	.00001	.00018	.00014	.00142	.07966	.36627
146	AD615146	.00006	.00000	.00159	.03418	.01128	1.3710
147	AD615147	.00051	.00120	.00013	.00062	.14147	45.529
148	AD615148	.00080	.00449	.00065	-.00014	-.02448	80.489
149	AD615149	-.00021	-.00034	.00085	.00170	-.01503	24.171
150	AD615150	.00019	.00108	.00105	.00062	.15144	48.877
151	AD615151	.00030	.00171	.00069	.00141	-.02106	49.580
152	AD615152	.00023	.00098	.00484	.00188	.49818	32.131
153	AD615153	.00021	.00115	.00106	.00029	-.01764	50.374
154	AD615154/FB	.19436	.19727	.19791	.19830	9.8247	10.267
155	AD615155/PB	.00006	-.00017	-.00009	.00029	-.00704	-.02005
156	AD615194	-.00008	.00297	.00189	.00175	10.681	1.2316
157	AD615195	-.00020	.00091	.00107	-.00043	90.353	3.3293
158	AD615196	-.00020	.00079	.00526	.00026	96.104	3.5382
159	AD615197	-.00021	.00063	.00536	-.00057	92.103	4.4704
160	AD615198	-.00017	.00037	.00079	-.00029	21.995	14.781
161	AD615199	.00006	.00196	.00148	.06360	2.4830	2.3037
162	AD615199/L (1:5)	-.00024	.00033	.00015	.01214	.50203	.43011
163	AD615199/PS	.20280	.20045	.20428	.27257	12.672	12.506
164	AD615200/MS	.19808	.20101	.20104	.26524	12.474	12.273
165	AD615201/SD	.19822	.20057	.20051	.26387	12.476	12.542
166	AD615202	-.00013	.00003	.00201	.02697	.19927	1.2168
167	AD615203/FB	.19796	.19821	.19773	.19868	9.8965	9.4679
168	AD615204/PB	-.00004	-.00006	.00003	.00007	.01808	-.00770
169	CCB	-.00012	.00019	.00026	-.00063	.02126	.01275
170	CCB	-.00021	-.00040	-.00011	-.00006	.00984	.00346
171	CCB	-.00010	.00016	.00045	.00012	.02521	-.00757
172	CCB	-.00002	-.00007	.00029	.00011	.02732	.18702
173	CCB	.00002	.00013	.00026	-.00049	.01922	.12808
174	CCB	-.00014	.00000	-.00011	-.00019	.00648	.01638
175	CCB	-.00013	-.00010	-.00005	-.00065	.00870	.02558
176	CCB	.00000	-.00014	.00011	-.00055	.00813	.02450
177	CCB	.00035	-.00011	.00022	.00033	.00462	-.00384
178	CCB	.00033	.00006	.00025	.00037	.01078	-.01330
179	CCB	.00004	.00022	.00007	.00045	.01077	-.01228
180	CCB	.00031	.00015	.00016	.00064	-.00210	-.03235
181	CCB	.00007	-.00010	-.00026	.00086	.00242	-.03298
182	CCB	.00013	-.00002	.00018	.00058	.00017	-.04329
183	CCB	.00030	-.00002	-.00011	.00103	.00850	-.01872
184	CCB	.00033	-.00054	-.00020	.00076	-.00539	.03275

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
185	CCB	.00033	.00006	.00022	.00070	.00787	-.02239
186	CCB	.00020	-.00001	.00029	.00077	.01916	-.05422
187	CCB	.00021	-.00011	.00006	.00111	.02020	-.02169
188	CCB	.00016	.00020	.00030	.00084	.01627	-.05156
189	CCB	.00033	-.00026	-.00001	.00130	.01692	-.04511
190	CCV	.48791	.49194	.49865	.51718	24.892	24.336
191	CCV	.48376	.48942	.49775	.51667	24.844	24.126
192	CCV	.49125	.49171	.49807	.51254	24.953	23.870
193	CCV	.49774	.49310	.49596	.51412	25.008	23.424
194	CCV	.49712	.49300	.49840	.51254	25.027	23.946
195	CCV	.49077	.49087	.49604	.51534	24.881	23.574
196	CCV	.49660	.49314	.49456	.51530	24.978	23.311
197	CCV	.49455	.49245	.49319	.51591	24.933	23.371
198	CCV	.48812	.49314	.49796	.51638	24.848	25.404
199	CCV	.48702	.49066	.49599	.51694	24.784	25.369
200	CCV	.48512	.49065	.49667	.51691	24.752	25.538
201	CCV	.48446	.49146	.49736	.51657	24.746	25.487
202	CCV	.48272	.49139	.49890	.51829	24.714	25.581
203	CCV	.47836	.49281	.49953	.52144	24.673	26.017
204	CCV	.47561	.49168	.49965	.52052	24.604	25.467
205	CCV	.48133	.49457	.49893	.52409	24.764	24.847
206	CCV	.48464	.49189	.49961	.51574	24.765	25.363
207	CCV	.48284	.49492	.50254	.51750	24.872	26.078
208	CCV	.48081	.49384	.50179	.51828	24.915	25.845
209	CCV	.48355	.49756	.50510	.52021	25.068	26.136
210	CCV	.48167	.49804	.50597	.52198	25.076	26.313
211	CRI	.00081	.00379	.00433	.00954	.05626	.46582
212	CRI	.00063	.00380	.00431	.00994	.06041	.47404
213	CRI	.00110	.00378	.00390	.01043	.04466	.50359
214	CRI	.00128	.00345	.00419	.01018	.04853	.49945
215	ICB	.00003	.00012	.00008	-.00013	.01811	-.01198
216	ICB	.00027	.00008	.00021	.00039	-.00095	-.01241
217	ICB	.00045	-.00010	.00048	.00092	.00845	-.02726
218	ICSA	.00066	.00113	-.00204	-.00086	192.32	-.01911
219	ICSA	.00068	.00078	-.00132	-.00052	192.14	-.00756
220	ICSA	.00045	.00106	-.00189	-.00059	192.85	-.02706
221	ICSA	.00249	.00132	-.00110	.00151	193.77	-.03183
222	ICSAB	.96114	.48522	.49443	.54155	96.542	-.04821
223	ICSAB	.97291	.48370	.49152	.53896	96.669	-.01241
224	ICSAB	.96748	.48633	.49179	.54389	96.608	-.04158
225	ICSAB	.96553	.48918	.49938	.54804	97.131	-.04174
226	ICV	.37748	.37608	.37771	.38901	18.927	18.776
227	ICV	.37224	.37374	.37536	.38972	18.804	18.859
228	ICV	.37081	.37229	.37671	.39050	18.766	18.967
229	STD 1	2.25392	.97198	.79226	.46066	.83471	
230	STD 1	2.23854	.95638	.78719	.45662	.82827	
231	STD 1	2.19217	.95695	.78993	.46611	.82529	
232	STD 2	10.7941	4.75558	3.89116	2.29123	4.08793	
233	STD 2	10.963	4.75793	3.88594	2.28554	4.11447	
234	STD 2	10.7186	4.75406	3.90731	2.31381	4.07178	
235	STD 3	21.7399	9.52344	7.79061	4.57694	8.16643	133.115
236	STD 3	21.6949	9.39418	7.67355	4.53293	8.12405	125.119
237	STD 3	21.2219	9.4001	7.69678	4.58224	8.05492	124.03
238	STD 3 VER	.99716	.99297	.99433	.99395	49.609	49.566

Analysis Report Averages 04/05/06 08:45:43 AM page 15

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
239	STD 3 VER	.99396	.99468	.99679	1.0014	49.793	50.108
240	STD 3 VER	.99359	.99747	.99916	1.0060	49.829	50.568
241	STD BLK	.00951	-.00486	.00208	.00262	-.00208	-.21159
242	STD BLK	.003	-.00427	.00336	-.00036	.00009	-.148
243	STD BLK	.00331	-.0045	.00184	.00331	-.00101	-.13124

#	Sample Name	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
1	A6324205/TOT	16.465	.03009	H668.32	.03522	-.00393	.00136
2	A6325102/TOT	165.30	.09987	H1017.2	.00651	-.00385	.00229
3	A6327202/S	34.764	.76982	109.78	.00525	.00919	.01354
4	A6327202/T	23.378	.56751	81.763	.00172	-.00434	.00357
5	A6327203/S	41.176	1.0607	35.811	.01375	.01876	.02307
6	A6327203/T	31.706	.74836	37.013	.00687	.00631	.01205
7	A6329402/TOT	6.3603	.02449	H594.47	.00141	-.00558	-.00030
8	A6330202/S	12.125	.20262	5.3456	.00121	-.00293	.00115
9	A6330202/T	11.982	.19600	5.3594	.00111	-.00232	.00216
10	A6330203/S	37.096	9.6932	23.735	.00433	-.00150	.00248
11	A6330203/T	36.173	9.3384	23.243	.00347	.00058	.00162
12	AD614289	168.32	.10284	H1029.5	.00617	-.00152	.00049
13	AD614446	22.909	.55823	79.720	.00108	.00141	.00080
14	AD614449	33.344	.78943	36.726	.01375	.01359	.01271
15	AD614452	5.9726	.02324	H562.76	.00023	-.00220	-.00128
16	AD614456	11.798	.19396	5.0870	.00077	.00121	.00072
17	AD614457	35.530	9.1297	22.855	.00285	.00202	.00057
18	AD614475	16.336	.03333	H658.47	.03331	-.00122	-.00081
19	AD614572	38.616	.85839	117.31	.00940	.01334	.01245
20	AD614573	46.635	1.2012	36.836	.03094	.02520	.02662
21	AD614577	6.4605	.10510	2.9518	.00102	-.00344	.00137
22	AD614580	36.136	9.2673	23.110	.00367	.00072	.00011
23	AD614591	49.889	3.7355	26.608	.02240	-.00022	.00127
24	AD614639/(1:10)	149.25	.15085	H557.18	.00149	.00172	-.00148
25	AD614639/(1:20)	74.051	.07512	296.76	.00102	.00051	.00135
26	AD614842/(1:10)	.85372	.14191	H1867.6	.24047	.00403	-.00088
27	AD614842/(1:5)	1.6756	.28376	H2792.3	.47946	.00326	.00228
28	AD614844/(1:10)	.70527	.20844	H2135.1	.14682	.01162	.00866
29	AD614844/(1:5)	1.4108	.42430	H3174.5	.29311	.01624	.01747
30	AD614861/(1:5)	34.378	.06485	338.55	.02308	.01117	.00891
31	AD614862/(1:5)	31.739	.05872	325.02	.02720	.01193	.01009
32	AD614863/(1:10)	12.876	.00859	315.43	.07421	.00366	.00401
33	AD615002	180.72	1.5946	1.2324	.02329	.06311	.06606
34	AD615003	187.86	1.7618	1.2885	.03022	.09442	.09297
35	AD615055	216.42	.72954	48.303	.12346	-.00219	.00237
36	AD615056	242.27	1.2077	47.421	.10604	.00187	.00000
37	AD615057	229.47	3.4313	43.097	.02017	-.00059	.00231
38	AD615057/L (1:5)	45.564	.69362	8.2036	.00437	-.00072	.00039
39	AD615057/PS	233.19	3.5317	52.964	.20767	.18937	.19093
40	AD615058/MS	232.62	3.5377	52.791	.20455	.19062	.19272
41	AD615059/SD	242.00	3.6716	55.060	.21292	.20039	.20016
42	AD615060	158.18	2.2441	30.251	.00751	.00022	-.00006
43	AD615061	.01459	.00022	.00995	.00027	.00013	.00150
44	AD615062	.00994	.00015	.01468	.00069	.00119	-.00019
45	AD615063	.88352	.02422	25.011	.00066	.00097	.00004

#	Sample Name	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
46	AD615064	.00984	.00020	.05253	.00041	.00014	.00128
47	AD615065	.87803	.02438	24.908	.00008	.00142	-.00037
48	AD615066	1.5286	.00166	10.316	.00069	.00033	.00024
49	AD615067	1.0904	.16472	6.4900	.00089	.00061	.00128
50	AD615068	2.4253	.01874	42.974	.00112	.00202	.00031
51	AD615069	.84275	.08681	33.710	.00108	.00165	-.00023
52	AD615070	1.9994	.03008	16.806	.00098	.00220	.00209
53	AD615071	1.1171	.05420	2.3216	.00058	.00278	.00036
54	AD615072	2.0407	.08230	20.652	.00080	.00069	.00137
55	AD615073	1.2457	1.3484	26.335	.00078	.00203	.00025
56	AD615074	1.0733	.01795	41.208	.00113	.00093	.00083
57	AD615075/FB	9.6018	.18839	10.041	.19215	.19750	.19481
58	AD615076/PB	.00793	.00000	.05137	.00062	.00155	-.00127
59	AD615077	.55882	.02449	4.0148	.00235	.00287	.00144
60	AD615078	1.8288	.02177	77.870	.00571	-.00111	-.00142
61	AD615079	.00805	.00015	.09733	.00014	-.00358	.00013
62	AD615080	9.6245	.31522	19.098	.00132	-.00260	.00123
63	AD615081	24.456	.31827	22.094	.00130	-.00174	-.00010
64	AD615081/L (1:5)	4.7792	.06182	4.2198	-.00042	.00063	-.00008
65	AD615081/PS	33.266	.49888	31.614	.19659	.19408	.19541
66	AD615082/MS	33.300	.50325	31.358	.19721	.19782	.20081
67	AD615083/SD	33.276	.50084	31.983	.19245	.19362	.19624
68	AD615084	4.6708	.04413	17.404	.00073	-.00232	.00098
69	AD615085	13.114	.02518	8.5046	.00043	-.00089	.00042
70	AD615086	25.289	.01737	31.319	.00040	-.00190	-.00010
71	AD615087	39.635	1.2449	33.175	.00253	-.00215	-.00132
72	AD615088	21.071	.95124	76.405	.01046	-.00135	-.00117
73	AD615089	6.9371	.42204	9.2447	.00278	.00007	-.00141
74	AD615090	7.3545	.12646	20.546	.00579	.00129	-.00074
75	AD615091	4.8665	.07117	7.9324	.00316	.00056	-.00010
76	AD615092	.61030	.00962	3.5118	.00335	-.00042	-.00005
77	AD615093	1.2315	.03905	6.0253	.00068	-.00061	.00030
78	AD615094	1.0664	.02449	3.8598	.00375	-.00233	.00001
79	AD615095	1.5578	.00258	5.8770	.00038	-.00219	.00069
80	AD615096	2.2943	.47856	19.628	.00302	-.00129	-.00085
81	AD615097	2.0080	.30415	4.1524	.00441	.00017	.00005
82	AD615098	1.0515	.02375	3.7433	.00364	-.00185	-.00010
83	AD615099/FB	9.8035	.19424	9.9295	.19890	.20301	.20331
84	AD615100/PB	-.00002	.00003	-.10834	.00036	.00029	.00075
85	AD615101	7.3035	1.1024	H1082.1	.32627	.00297	.00260
86	AD615101/L (1:5)	1.5102	.22070	272.85	.06563	.00057	-.00007
87	AD615101/PS	7.2520	2.0753	H1076.9	1.4025	1.0099	1.0107
88	AD615102/MS	7.0419	1.9522	H1052.0	1.2072	.93315	.93215
89	AD615103/SD	7.1342	2.0037	H1063.2	1.2512	.97224	.96840
90	AD615104/EBLK	.10398	H.00425	H1204.8	.00095	.00009	-.00168
91	AD615105/LCS	.10019	.95888	1205.2	.95903	.98471	.97937
92	AD615106/PB	.01805	.00013	.35378	.00011	-.00032	.00094
93	AD615107	10.309	1.3596	H1164.3	.41722	.02184	.02170
94	AD615107/L (1:5)	2.1070	.27043	299.42	.08316	.00430	.00388
95	AD615107/PS	10.250	2.3454	H1163.7	1.5047	1.0435	1.0424
96	AD615108/MS	10.157	2.2928	H1153.7	1.3623	1.0063	1.0090
97	AD615109/SD	10.197	2.3033	H1158.7	1.3651	1.0077	1.0104
98	AD615110/EBLK	.08611	.00197	H1256.4	.00087	.00201	.00191
99	AD615111/LCS	.08373	.97814	1239.4	.97537	1.0012	1.0004

#	Sample Name	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
100	AD615112/PB	.00080	.00005	.17913	-.00013	-.00137	-.00050
101	AD615113	38.144	3.2111	42.570	.11261	.95398	.95742
102	AD615113/L (1:5)	7.9924	.66653	8.6050	.02353	.19927	.19964
103	AD615113/PS	55.756	3.4353	60.763	.48154	1.2855	1.2931
104	AD615114	40.445	7.4717	36.452	.11879	.55357	.55747
105	AD615115	42.303	4.7478	2.4528	.29833	2.6587	2.6681
106	AD615115/L (1:5)	8.9418	.99535	.54408	.06259	.55859	.55689
107	AD615115/PS	60.121	4.9324	21.714	.66410	2.9314	2.9419
108	AD615116	46.402	4.1277	3.8044	.25446	1.6376	1.6472
109	AD615117	31.175	4.1339	1.8704	.37478	1.3687	1.3749
110	AD615118	15.460	2.1014	1.1160	.17342	2.3233	2.3349
111	AD615119	49.401	4.7148	.39709	.17423	.21283	.21860
112	AD615120	34.318	1.8801	.63331	.11859	.26084	.26346
113	AD615121	90.500	6.8539	.71828	.38447	.25590	.26508
114	AD615122	82.824	8.4960	.61836	.30127	.20890	.21703
115	AD615123	83.694	8.7189	.52515	.31764	.28118	.28839
116	AD615124	53.544	7.0121	.57916	.21506	.66045	.66690
117	AD615125	59.723	5.7988	.71687	.24855	.86467	.87288
118	AD615126	46.027	4.6036	.74387	.18219	.86708	.87180
119	AD615126/L (1:5)	9.9504	.98947	.19538	.03944	.18536	.18709
120	AD615126/PS	63.081	4.7917	19.508	.54089	1.1919	1.2021
121	AD615127/MS	63.272	5.1810	19.198	.54044	1.2294	1.2385
122	AD615128/SD	62.805	5.3156	19.324	.53390	1.2754	1.2864
123	AD615129	52.278	4.2148	.45184	.17868	.10486	.10981
124	AD615129/L (1:5)	10.921	.87511	.18145	.03723	.02282	.02208
125	AD615129/PS	69.757	4.3827	20.042	.55057	.48137	.48849
126	AD615130	63.453	5.4664	.67390	.22616	.25209	.25577
127	AD615131	87.634	6.6665	.56576	.32768	.19262	.19909
128	AD615132	1.3631	.04983	3.9151	.01139	10.108	10.187
129	AD615132/L (1:5)	.28145	.00992	.74663	.00229	2.0372	2.0424
130	AD615132/PS	21.933	.44715	24.212	.41250	10.135	10.209
131	AD615133	7.2048	.04052	4.0140	.00313	11.796	11.917
132	AD615134/CLPSL	24.276	2.2914	4.5122	1.5043	1.1295	1.1323
133	AD615135/PB	.14839	H.01404	.08472	.00024	.00124	-.00027
134	AD615136	-.00023	.00009	.07601	.00005	-.00232	-.00061
135	AD615137	9.5354	.31935	18.694	.00144	-.00233	.00076
136	AD615138	23.772	.31317	21.334	.00024	-.00018	.00114
137	AD615138/L (1:5)	4.7847	.06262	4.2546	-.00002	-.00022	-.00037
138	AD615138/PS	33.434	.50558	31.282	.19754	.19544	.19755
139	AD615139/MS	33.710	.51560	31.918	.19503	.19514	.20011
140	AD615140/SD	33.700	.51059	31.940	.19184	.19247	.19481
141	AD615141	5.0981	.05651	17.644	.00263	-.00042	.00168
142	AD615142	14.180	.07052	8.5188	.00376	.00006	.00045
143	AD615143	25.054	.02205	30.842	.00114	-.00330	.00058
144	AD615144	37.725	1.1665	32.141	.00272	-.00386	.00063
145	AD615145	.09916	.02308	112.24	.00213	-.00007	-.00041
146	AD615146	.83784	.01463	4.0289	.00040	-.00114	.00120
147	AD615147	374.49	1.1069	H2009.0	.00311	-.00392	-.00080
148	AD615148	724.44	4.4714	H2675.4	.00588	-.00595	-.00181
149	AD615149	174.31	.01088	H1231.8	.00154	-.00409	.00031
150	AD615150	393.57	1.1634	H2073.3	.00352	-.00461	-.00047
151	AD615151	352.75	1.6266	H2313.6	.00329	-.00282	-.00160
152	AD615152	370.10	.55995	H2063.4	.00366	-.00361	.00077
153	AD615153	418.06	1.5897	H2215.7	.00416	-.00510	-.00244

#	Sample Name	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
154	AD615154/FB	10.005	.19739	10.049	.19698	.20202	.20017
155	AD615155/PB	-.00027	.00000	.10317	-.00038	-.00280	.00019
156	AD615194	14.628	.69254	60.626	.00433	.00365	.00049
157	AD615195	39.561	.38493	6.2760	.00084	-.00114	.00096
158	AD615196	37.598	.42613	8.0249	.00030	.00256	.00312
159	AD615197	34.457	.20605	9.8054	.00073	-.00045	.00168
160	AD615198	30.281	.79863	14.548	.00074	.00247	-.00064
161	AD615199	10.086	.10680	52.246	.09665	.00960	.01081
162	AD615199/L (1:5)	2.0271	.02124	10.178	.01957	.00370	.00122
163	AD615199/PS	20.041	.30224	61.421	.29689	.21364	.20858
164	AD615200/MS	19.975	.30402	62.341	.29472	.21255	.20986
165	AD615201/SD	20.058	.30581	62.833	.29576	.21305	.21129
166	AD615202	4.5817	.02253	119.58	.00581	.00266	.00256
167	AD615203/FB	9.9123	.19466	10.037	.19828	.20257	.20135
168	AD615204/PB	.00434	.00001	.01958	.00051	-.00089	.00268
169	CCB	.05215	.00009	.08849	.00067	.00135	.00103
170	CCB	.02250	.00003	.06628	.00036	.00401	-.00155
171	CCB	.03195	.00009	.04690	.00047	.00319	.00033
172	CCB	.05407	.00017	-.01309	.00056	.00381	-.00130
173	CCB	.02912	.00009	.05571	.00061	-.00124	.00249
174	CCB	.00631	.00000	.15324	.00054	.00215	-.00041
175	CCB	.00717	.00009	-.01429	.00043	.00056	.00144
176	CCB	.00198	-.00002	.04318	.00028	.00121	.00178
177	CCB	.01247	.00007	.08068	-.00059	-.00238	.00090
178	CCB	.01259	.00023	.13527	.00042	-.00037	-.00028
179	CCB	.00993	.00019	.19894	.00008	-.00152	-.00058
180	CCB	.00219	.00000	.03597	.00010	.00043	.00051
181	CCB	.00547	.00013	.06962	.00000	-.00066	.00002
182	CCB	.00958	.00020	.16168	.00020	-.00241	-.00181
183	CCB	.00758	.00023	.25692	.00033	-.00054	-.00119
184	CCB	.00711	.00011	.16615	.00004	.00027	-.00096
185	CCB	.01941	.00012	.05255	-.00002	.00056	-.00213
186	CCB	.01379	.00025	.08286	-.00009	-.00140	-.00082
187	CCB	.01541	.00046	.15155	.00008	.00157	-.00040
188	CCB	.00948	.00020	.02020	.00035	-.00011	-.00116
189	CCB	.01487	.00019	-.02644	.00015	-.00105	-.00061
190	CCV	25.026	.50552	24.921	.49967	.50347	.49910
191	CCV	25.032	.50056	24.952	.49297	.49818	.49470
192	CCV	25.020	.49995	24.825	.49835	.49761	.49963
193	CCV	25.157	.49917	24.950	.49928	.50149	.49493
194	CCV	25.187	.50089	24.960	.49982	.50421	.49445
195	CCV	24.880	.49766	24.922	.49401	.49919	.49347
196	CCV	25.038	.50352	24.761	.50381	.50100	.49904
197	CCV	25.020	.50204	24.823	.50235	.50079	.49624
198	CCV	25.181	.50643	24.969	.49960	.49948	.49805
199	CCV	25.222	.50508	24.985	.49747	.49797	.49478
200	CCV	25.276	.50664	24.922	.49770	.49728	.49366
201	CCV	25.320	.50811	24.913	.49794	.49559	.49666
202	CCV	25.203	.50943	24.926	.49689	.49764	.49766
203	CCV	25.344	.51356	25.039	.49886	.49802	.49693
204	CCV	25.441	.51040	25.006	.49519	.49496	.49982
205	CCV	25.512	.51582	24.968	.50260	.50120	.49854
206	CCV	25.247	.50298	24.901	.49379	.49527	.49700
207	CCV	25.518	.50873	24.973	.49739	.49809	.50399

Analysis Report Averages 04/05/06 08:45:43 AM page 19

#	Sample Name	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
208	CCV	25.470	.50646	25.057	.49501	.49899	.50037
209	CCV	25.687	.51140	25.006	.49876	.50349	.50505
210	CCV	25.738	.51334	25.053	.49980	.50422	.50546
211	CRI	.20977	.00306	.92621	.01014	.00701	.00542
212	CRI	.21350	.00310	1.1966	.00991	.00514	.00479
213	CRI	.21868	.00334	1.1588	.00979	.00416	.00594
214	CRI	.22395	.00320	1.1661	.00910	.00551	.00191
215	ICB	.00382	.00003	-.13029	.00080	-.00017	.00299
216	ICB	.00419	.00013	.16391	-.00027	-.00020	-.00186
217	ICB	.01310	.00009	.10552	-.00028	.00034	-.00098
218	ICSA	488.22	-.00213	-.02550	.00030	-.00865	.01548
219	ICSA	486.19	-.00187	.23727	.00002	-.01207	.01357
220	ICSA	494.44	-.00236	.14394	.00003	-.01709	.01729
221	ICSA	499.77	-.00132	.19303	-.00014	-.01946	.01288
222	ICSAB	464.86	.48902	.03981	.91860	.03510	.06683
223	ICSAB	461.80	.48156	.14273	.91468	.04141	.06050
224	ICSAB	467.28	.48898	.04582	.91981	.02947	.06347
225	ICSAB	473.51	.49201	.00588	.91706	.03523	.06496
226	ICV	19.200	.38572	18.557	.38260	.38244	.37857
227	ICV	19.205	.38232	18.801	.37926	.37587	.37964
228	ICV	19.195	.38047	18.886	.37396	.37533	.37635
229	STD 1		.46195		.72976	.63007	3.46914
230	STD 1		.45269		.72041	.63713	3.40455
231	STD 1		.46232		.7263	.64123	3.43333
232	STD 2		2.27162		3.57428	3.03056	16.8743
233	STD 2		2.24852		3.58248	3.03326	16.9732
234	STD 2		2.28626		3.58925	3.02015	16.921
235	STD 3	22.7653	4.57759	2.18375	7.18957	6.03308	33.6814
236	STD 3	22.3021	4.45578	2.18569	7.09263	5.94448	33.3951
237	STD 3	22.4106	4.52531	2.19112	7.09531	5.95774	33.4001
238	STD 3 VER	50.010	.99915	50.108	.99370	.99582	.98943
239	STD 3 VER	50.394	.99781	50.624	.99021	.99618	.99416
240	STD 3 VER	50.577	.99860	51.200	.98972	.99545	.99615
241	STD BLK	.00416	.00081	.00477	-.0146	.01953	-.03093
242	STD BLK	.00482	.00072	.00118	-.0111	.03176	.00339
243	STD BLK	.00285	.00101	.00341	-.01019	.02841	.01784

#	Sample Name	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
1	A6324205/TOT	-.00040	.01285	-.00140	.02315	.00770	.00840
2	A6325102/TOT	.00024	.35955	-.00013	.36868	.35499	.00730
3	A6327202/S	.01209	.00567	.00231	.01295	.00203	.06403
4	A6327202/T	.00093	-.00013	.00320	.00564	-.00302	-.00004
5	A6327203/S	.02164	.00516	.00115	.01486	.00031	.09213
6	A6327203/T	.01014	.00413	.00279	.01279	-.00019	.01501
7	A6329402/TOT	-.00206	.00267	.00123	.01148	-.00173	-.00034
8	A6330202/S	-.00020	-.00004	.00217	.01201	-.00607	.00007
9	A6330202/T	.00066	-.00139	.00300	.00369	-.00394	-.00007
10	A6330203/S	.00115	.00691	.00411	.01557	.00258	-.00017
11	A6330203/T	.00127	.01209	.00337	.02436	.00596	.00026
12	AD614289	-.00018	.33609	.00026	.33089	.33869	.00896
13	AD614446	.00100	-.00306	.00351	.00227	-.00574	.00034
14	AD614449	.01300	-.00410	.00149	-.00220	-.00506	.32606

#	Sample Name	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
15	AD614452	-.00159	-.00191	.00002	.00092	-.00333	.00027
16	AD614456	.00088	-.00310	.00313	.00318	-.00624	.00028
17	AD614457	.00105	-.00221	.00172	-.00128	-.00268	.00042
18	AD614475	-.00094	.01344	.00049	.01498	.01268	.02437
19	AD614572	.01275	-.00281	.00387	-.00070	-.00386	.27608
20	AD614573	.02615	-.00059	.00258	-.00071	-.00053	.45346
21	AD614577	-.00023	-.00157	-.00125	-.00841	.00184	.00100
22	AD614580	.00032	.00245	.00109	.00219	.00258	.00026
23	AD614591	.00077	.00083	.00272	-.00154	.00202	.00051
24	AD614639/(1:10)	-.00041	-.00311	.00423	.00054	-.00494	.00102
25	AD614639/(1:20)	.00107	-.00265	.00155	-.00016	-.00389	.00057
26	AD614842/(1:10)	.00075	-.00362	L-.01316	.00536	-.00812	.00036
27	AD614842/(1:5)	.00261	-.00202	L-.02404	.00146	-.00376	.00005
28	AD614844/(1:10)	.00965	-.00311	L-.01338	.00384	-.00658	.00034
29	AD614844/(1:5)	.01706	-.00624	L-.03116	-.00237	-.00818	-.00033
30	AD614861/(1:5)	.00966	-.00069	-.00005	.00130	-.00170	.01410
31	AD614862/(1:5)	.01070	-.00359	.00475	-.00508	-.00285	.01974
32	AD614863/(1:10)	.00389	-.00290	.00133	-.00215	-.00328	.02593
33	AD615002	.06508	-.00216	.00007	-.00778	.00064	1.0242
34	AD615003	.09345	-.00460	.00353	-.00627	-.00377	1.2236
35	AD615055	.00085	-.00209	-.00137	-.00586	-.00020	.00044
36	AD615056	.00063	-.00075	.00355	.00153	-.00190	.00038
37	AD615057	.00134	-.00252	.00087	-.00417	-.00170	.00032
38	AD615057/L (1:5)	.00002	-.00042	.00025	-.00409	.00140	.00015
39	AD615057/PS	.19041	.20109	.19851	.20443	.19943	.19799
40	AD615058/MS	.19202	.19628	.19612	.19857	.19513	.19758
41	AD615059/SD	.20024	.20663	.20711	.20819	.20585	.20528
42	AD615060	.00003	-.00261	.00265	.00107	-.00445	.00023
43	AD615061	.00104	-.00320	.00290	-.00036	-.00461	.00021
44	AD615062	.00026	-.00370	.00513	-.00404	-.00353	.00035
45	AD615063	.00035	-.00341	.00487	.00095	-.00559	.00008
46	AD615064	.00090	-.00124	.00303	-.00354	-.00009	.00046
47	AD615065	.00022	-.00184	.00371	.00137	-.00345	.00036
48	AD615066	.00027	-.00440	.00159	-.00425	-.00448	.00038
49	AD615067	.00106	-.00653	.00154	-.00391	-.00784	.00052
50	AD615068	.00088	-.00226	.00007	-.00117	-.00280	.00036
51	AD615069	.00039	-.00318	.00043	-.00523	-.00216	.00038
52	AD615070	.00213	.00099	.00278	.00174	.00061	.00017
53	AD615071	.00117	-.00172	.00363	.00125	-.00321	.00028
54	AD615072	.00114	.00150	.00368	-.00084	.00267	.00006
55	AD615073	.00084	-.00262	.00028	-.00459	-.00163	.00003
56	AD615074	.00086	.00013	.00454	.00654	-.00307	-.00004
57	AD615075/FB	.19571	.19059	.19097	.19209	.18985	.19265
58	AD615076/PB	-.00033	-.00227	-.00019	.00008	-.00344	.00020
59	AD615077	.00191	-.00095	.00027	.00280	-.00283	.00199
60	AD615078	-.00132	-.00264	.00039	-.00244	-.00274	.00052
61	AD615079	-.00110	-.00365	-.00114	.00178	-.00637	.00062
62	AD615080	-.00004	-.00235	-.00325	-.00323	-.00191	.00062
63	AD615081	-.00064	-.00476	-.00187	-.00010	-.00708	.00036
64	AD615081/L (1:5)	.00015	-.00301	.00005	.00005	-.00455	.00031
65	AD615081/PS	.19496	.20463	.20350	.20551	.20419	.19908
66	AD615082/MS	.19982	.20917	.20632	.20757	.20998	.20204
67	AD615083/SD	.19537	.20166	.19862	.20256	.20122	.19699
68	AD615084	-.00011	-.00520	.00034	-.00637	-.00461	.00229

#	Sample Name	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
69	AD615085	-.00001	-.00481	-.00133	-.00438	-.00503	.00041
70	AD615086	-.00070	-.00109	.00031	.00023	-.00175	.00039
71	AD615087	-.00160	-.00137	-.00059	-.00146	-.00132	.00021
72	AD615088	-.00123	-.00426	.00107	-.00282	-.00499	.00048
73	AD615089	-.00091	-.00171	.00300	.00116	-.00314	.00031
74	AD615090	-.00006	-.00217	.00315	-.00172	-.00239	.00018
75	AD615091	.00011	-.00510	.00226	-.00282	-.00624	.00027
76	AD615092	-.00018	-.00431	-.00173	-.00503	-.00394	.00021
77	AD615093	.00000	-.00276	.00353	-.00121	-.00354	.00010
78	AD615094	-.00077	-.00498	-.00034	-.00081	-.00707	.00016
79	AD615095	-.00026	-.00495	-.00194	-.00651	-.00418	.00038
80	AD615096	-.00100	-.00296	-.00029	.00120	-.00505	.00163
81	AD615097	.00009	-.00454	-.00379	-.00075	-.00643	.00039
82	AD615098	-.00068	-.00102	.00082	-.00017	-.00144	.00037
83	AD615099/FB	.20321	.20119	.19547	.20285	.20036	.19790
84	AD615100/PB	.00059	-.00076	-.00055	.00087	-.00158	-.00004
85	AD615101	.00272	-.00100	.00132	-.00069	-.00116	.00147
86	AD615101/L (1:5)	.00014	-.00386	-.00152	-.00378	-.00390	.00032
87	AD615101/PS	1.0104	1.0634	.99182	1.0617	1.0642	.00163
88	AD615102/MS	.93248	.98625	.95692	.98606	.98636	.00117
89	AD615103/SD	.96968	1.0236	.98801	1.0134	1.0287	.00114
90	AD615104/EBLK	-.00108	-.00326	.00049	-.00310	-.00333	.00049
91	AD615105/LCS	.98115	1.0403	.98796	1.0401	1.0405	.00028
92	AD615106/PB	.00051	-.00251	-.00173	-.00242	-.00256	.00013
93	AD615107	.02174	.00031	.00354	.00067	.00012	.00398
94	AD615107/L (1:5)	.00402	.00007	-.00038	.00391	-.00183	.00098
95	AD615107/PS	1.0428	1.0777	1.0009	1.0807	1.0763	.00444
96	AD615108/MS	1.0081	1.0461	1.0033	1.0458	1.0463	.00312
97	AD615109/SD	1.0095	1.0495	1.0034	1.0462	1.0511	.00270
98	AD615110/EBLK	.00194	-.00234	.00080	.00322	-.00512	.00044
99	AD615111/LCS	1.0006	1.0584	1.0032	1.0520	1.0617	.00024
100	AD615112/PB	-.00079	-.00203	-.00072	-.00115	-.00247	.00000
101	AD615113	.95627	.00184	.00594	-.00442	.00498	1.2544
102	AD615113/L (1:5)	.19952	-.00303	.00047	.00050	-.00481	.26209
103	AD615113/PS	1.2906	.39054	.38539	.38421	.39371	1.5796
104	AD615114	.55617	.00222	.00057	.00127	.00269	2.7375
105	AD615115	2.6650	.00994	.01174	.00573	.01204	5.5108
106	AD615115/L (1:5)	.55746	-.00130	.00232	.00198	-.00294	1.1669
107	AD615115/PS	2.9384	.38801	.38172	.38276	.39064	5.6699
108	AD615116	1.6440	.00904	.00088	.00452	.01131	5.8992
109	AD615117	1.3729	.01074	.00716	.00658	.01282	4.1040
110	AD615118	2.3310	.00713	.10578	.00477	.00831	1.7341
111	AD615119	.21668	.00077	-.00119	-.00237	.00235	.64736
112	AD615120	.26259	-.00103	.00524	-.00363	.00025	.85601
113	AD615121	.26203	.00510	-.00178	.00555	.00488	.57858
114	AD615122	.21432	.00578	.00053	.00409	.00662	.60485
115	AD615123	.28599	.00282	.00066	-.00393	.00620	.61703
116	AD615124	.66475	.00236	.00262	.00674	.00017	.84323
117	AD615125	.87015	.00496	.00666	-.00270	.00880	.85048
118	AD615126	.87023	.00469	.00889	.00431	.00488	1.4376
119	AD615126/L (1:5)	.18652	-.00409	.00159	-.00408	-.00409	.32684
120	AD615126/PS	1.1987	.37681	.36575	.36502	.38271	1.7446
121	AD615127/MS	1.2355	.35883	.14074	.35697	.35977	1.6171
122	AD615128/SD	1.2828	.36737	.13105	.35329	.37441	1.5607

#	Sample Name	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
123	AD615129	.10816	.00106	.00036	-.00145	.00232	.41914
124	AD615129/L (1:5)	.02233	-.00239	-.00075	-.00045	-.00336	.10078
125	AD615129/PS	.48612	.38183	.37448	.37632	.38459	.78817
126	AD615130	.25455	.00107	.00090	-.00068	.00195	.62645
127	AD615131	.19693	.00640	.00061	.00131	.00895	.39437
128	AD615132	10.161	-.00125	4.4690	.00620	-.00498	.03141
129	AD615132/L (1:5)	2.0406	-.00055	.88375	.00133	-.00150	.00619
130	AD615132/PS	10.184	.41447	4.7189	.41199	.41572	.42803
131	AD615133	11.877	-.00020	6.9391	.00308	-.00185	.03451
132	AD615134/CLPSL	1.1314	1.0753	.46473	1.0624	1.0818	2.8044
133	AD615135/PB	.00023	-.00296	.00188	-.00203	-.00343	.00194
134	AD615136	-.00118	-.00342	-.00143	-.00290	-.00369	.00009
135	AD615137	-.00026	-.00462	.00011	-.00418	-.00484	.00356
136	AD615138	.00069	-.00240	-.00118	.00095	-.00408	.00245
137	AD615138/L (1:5)	-.00032	-.00427	.00009	-.00763	-.00259	.00084
138	AD615138/PS	.19685	.20746	.20598	.21589	.20325	.20354
139	AD615139/MS	.19845	.20185	.20222	.20429	.20063	.20065
140	AD615140/SD	.19403	.19963	.20007	.19794	.20047	.20215
141	AD615141	.00098	-.00159	-.00021	.00039	-.00258	.05023
142	AD615142	.00032	-.00225	.00031	-.00012	-.00331	.05805
143	AD615143	-.00070	-.00416	-.00061	.00215	-.00733	.01387
144	AD615144	-.00086	-.00498	-.00219	-.00510	-.00493	.01456
145	AD615145	-.00030	.00055	-.00046	.00106	.00029	.00051
146	AD615146	.00042	-.00416	-.00035	.00234	-.00741	.00017
147	AD615147	-.00184	.00101	-.00071	.00422	-.00058	.00015
148	AD615148	-.00319	-.00407	-.00146	.00270	-.00746	.00008
149	AD615149	-.00114	-.00540	-.00098	.00435	-.01027	.00028
150	AD615150	-.00185	-.00171	-.00002	-.00010	-.00252	.00010
151	AD615151	-.00200	-.00256	-.00186	.00472	-.00621	.00010
152	AD615152	-.00068	.00087	.00051	.00171	.00046	.00434
153	AD615153	-.00333	-.00331	.00219	.00038	-.00516	.00028
154	AD615154/FB	.20079	.20120	.19494	.20213	.20074	.19746
155	AD615155/PB	-.00080	-.00250	-.00135	-.00264	-.00243	.00039
156	AD615194	.00154	-.00251	.00257	.00066	-.00411	.04143
157	AD615195	.00026	-.00176	.00304	-.00288	-.00121	.00081
158	AD615196	.00293	-.00112	.00201	.00055	-.00196	.00067
159	AD615197	.00097	-.00122	.00438	-.00459	.00046	.00210
160	AD615198	.00039	-.00689	.00405	-.00593	-.00737	.00047
161	AD615199	.01041	-.00251	.00269	-.00516	-.00118	.00347
162	AD615199/L (1:5)	.00205	-.00283	.00523	.00214	-.00532	.00083
163	AD615199/PS	.21026	.20727	.20363	.21135	.20524	.20647
164	AD615200/MS	.21076	.20651	.20478	.20729	.20613	.20512
165	AD615201/SD	.21188	.20444	.20344	.19900	.20716	.20430
166	AD615202	.00259	-.00193	.00326	.00081	-.00330	.00282
167	AD615203/FB	.20176	.19848	.19791	.19873	.19836	.19988
168	AD615204/PB	.00149	-.00325	.00179	-.00993	.00008	.00044
169	CCB	.00114	-.00130	.00376	-.00189	-.00100	.00030
170	CCB	.00029	-.00526	.00308	-.00297	-.00640	.00009
171	CCB	.00128	-.00249	.00080	.00467	-.00608	.00017
172	CCB	.00039	-.00152	.00273	-.00179	-.00139	.00010
173	CCB	.00124	-.00170	.00084	-.00317	-.00096	.00038
174	CCB	.00044	-.00166	.00469	-.00403	-.00047	.00025
175	CCB	.00115	-.00406	.00217	-.00653	-.00282	.00020
176	CCB	.00159	-.00304	.00383	-.00188	-.00362	.00022

#	Sample Name	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
177	CCB	-.00019	-.00492	.00028	-.00059	-.00709	.00034
178	CCB	-.00031	-.00027	-.00008	-.00072	-.00004	.00029
179	CCB	-.00090	-.00377	.00152	-.00178	-.00477	.00034
180	CCB	.00048	-.00298	-.00024	-.00586	-.00155	.00006
181	CCB	-.00020	-.00283	-.00219	-.00282	-.00284	.00017
182	CCB	-.00201	-.00417	.00145	-.00240	-.00505	.00007
183	CCB	-.00097	-.00129	-.00202	-.00276	-.00055	.00022
184	CCB	-.00055	-.00321	-.00118	-.00094	-.00434	-.00004
185	CCB	-.00123	-.00138	-.00090	.00068	-.00242	.00017
186	CCB	-.00101	.00084	.00237	.00841	-.00293	.00054
187	CCB	.00025	-.00383	.00074	-.00080	-.00534	.00043
188	CCB	-.00081	-.00569	.00299	.00086	-.00897	.00010
189	CCB	-.00076	-.00015	.00386	.00576	-.00311	.00069
190	CCV	.50056	.50275	.49345	.50365	.50231	.51341
191	CCV	.49586	.49840	.49040	.50337	.49593	.51354
192	CCV	.49896	.50604	.49202	.50166	.50824	.51370
193	CCV	.49712	.50638	.49539	.50731	.50593	.51552
194	CCV	.49770	.50304	.49713	.50857	.50029	.51506
195	CCV	.49537	.50300	.49188	.49991	.50455	.51551
196	CCV	.49969	.50501	.49618	.50719	.50393	.51679
197	CCV	.49776	.50472	.49791	.50359	.50530	.51737
198	CCV	.49853	.51161	.50065	.51632	.50926	.51141
199	CCV	.49584	.50530	.50494	.51185	.50203	.51093
200	CCV	.49487	.51024	.49785	.51645	.50714	.51082
201	CCV	.49630	.50629	.49677	.50995	.50447	.51115
202	CCV	.49765	.50279	.49504	.50570	.50135	.51088
203	CCV	.49729	.50330	.49627	.50360	.50316	.51121
204	CCV	.49820	.50208	.49285	.50430	.50098	.51076
205	CCV	.49942	.50506	.49847	.49866	.50826	.51541
206	CCV	.49642	.50805	.49412	.50527	.50945	.50909
207	CCV	.50203	.51681	.49317	.50870	.52088	.50806
208	CCV	.49991	.50986	.48703	.50498	.51231	.50808
209	CCV	.50453	.51514	.49365	.51092	.51726	.51019
210	CCV	.50505	.51267	.49967	.51022	.51391	.51033
211	CRI	.00595	.01315	.01999	.01523	.01211	.00526
212	CRI	.00491	.01442	.02029	.01088	.01619	.00557
213	CRI	.00535	.01553	.02117	.01802	.01429	.00560
214	CRI	.00311	.01306	.01937	.01842	.01038	.00545
215	ICB	.00193	-.00420	.00255	-.00524	-.00368	.00023
216	ICB	-.00131	-.00496	.00220	-.00600	-.00444	.00018
217	ICB	-.00054	-.00249	.00168	.00061	-.00404	.00051
218	ICSA	.00744	-.00419	.00365	-.00102	-.00577	.00106
219	ICSA	.00503	-.00643	.00357	-.00690	-.00620	.00115
220	ICSA	.00584	-.00639	.00321	-.00019	-.00949	.00126
221	ICSA	.00211	-.00124	-.00164	.00392	-.00382	.00126
222	ICSAB	.05626	.04844	.60770	.03773	.05379	.00128
223	ICSAB	.05414	.04644	.62101	.04638	.04647	.00165
224	ICSAB	.05215	.04594	.61922	.04440	.04671	.00156
225	ICSAB	.05506	.04476	.61765	.04010	.04709	.00134
226	ICV	.37986	.38273	.37811	.38950	.37936	.38775
227	ICV	.37838	.38704	.37617	.39287	.38414	.38733
228	ICV	.37601	.38419	.37547	.38405	.38426	.38672
229	STD 1			.22633	.34793	.60076	1.33913
230	STD 1			.22614	.3207	.57669	1.34466

#	Sample Name	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
231	STD 1			.22021	.31715	.56663	1.34779
232	STD 2			1.08123	2.00312	2.67027	6.65805
233	STD 2			1.08899	2.00502	2.71006	6.71355
234	STD 2			1.0808	1.93003	2.65259	6.73152
235	STD 3			2.1914	4.09623	5.35662	13.2629
236	STD 3			2.18311	4.06697	5.31785	13.3071
237	STD 3			2.15689	3.94532	5.24203	13.3341
238	STD 3 VER	.99156	1.0093	.99609	1.0106	1.0087	.99238
239	STD 3 VER	.99483	1.0241	1.0011	1.0300	1.0212	.99718
240	STD 3 VER	.99591	1.0293	.99982	1.0226	1.0326	1.0012
241	STD BLK			-.0031	-.06068	.07232	-.01024
242	STD BLK			.0029	-.06114	.0768	-.00973
243	STD BLK			-.00045	-.07137	.07769	-.00947

#	Sample Name	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
1	A6324205/TOT	.00288	.01602	.00395	-.00663	-.00201	.01221
2	A6325102/TOT	.00093	.00114	.00460	L-.02146	-.00078	.00059
3	A6327202/S	-.00318	.00503	.02650	-.00436	.00030	-.00096
4	A6327202/T	-.00157	.00059	.00043	-.00148	.00069	-.00037
5	A6327203/S	-.00417	.01126	.07465	-.00450	.00030	-.00096
6	A6327203/T	-.00446	.00393	.02359	-.00210	.00055	-.00033
7	A6329402/TOT	.00056	-.00010	.00082	-.00323	-.00123	.00133
8	A6330202/S	-.00034	.00007	.00240	-.00019	.00027	-.00106
9	A6330202/T	.00018	-.00009	.00029	-.00017	-.00033	.00001
10	A6330203/S	-.00159	.00000	.04476	-.00466	-.00066	-.00038
11	A6330203/T	-.00480	-.00017	.00179	-.00357	.00005	-.00014
12	AD614289	-.00227	.00168	.00632	L-.02167	-.00129	.00311
13	AD614446	.00007	.00006	.00203	-.00269	-.00004	.00083
14	AD614449	-.00080	.01756	.04574	.00049	.00014	.00471
15	AD614452	-.00072	.00008	.00137	-.00367	-.00095	.00082
16	AD614456	-.00250	-.00036	.00150	-.00069	-.00008	.00010
17	AD614457	-.00512	-.00063	.00332	.00386	-.00098	.00075
18	AD614475	-.00144	.01646	.00671	-.00478	-.00138	.01361
19	AD614572	-.00172	.01419	.04339	-.00155	.00016	.00040
20	AD614573	-.00011	.03589	.12283	.00003	.00063	.00504
21	AD614577	-.00356	-.00012	.00150	.00086	.00023	-.00119
22	AD614580	-.00230	-.00026	.00239	-.00060	-.00050	-.00108
23	AD614591	-.00154	.00019	.09848	-.00104	.00033	.00327
24	AD614639/(1:10)	-.00075	-.00027	.00463	.00066	.00051	-.00063
25	AD614639/(1:20)	.00059	.00000	.00108	-.00034	.00021	-.00062
26	AD614842/(1:10)	-.00005	-.00141	2.0288	L-.01642	.00451	1.4493
27	AD614842/(1:5)	.00005	-.00292	4.0807	L-.03485	.00991	2.9433
28	AD614844/(1:10)	.00181	-.00173	2.5049	L-.01877	.02509	1.7617
29	AD614844/(1:5)	-.00061	L-.00377	5.1359	L-.04214	.05478	3.6601
30	AD614861/(1:5)	.00221	.00240	.12572	.01561	-.00128	.00312
31	AD614862/(1:5)	-.00015	.00376	.21121	.02486	.00043	.00200
32	AD614863/(1:10)	.00044	.00768	.03497	.01176	-.00017	.00498
33	AD615002	-.00248	.05456	.41922	.05784	-.00022	.00120
34	AD615003	-.00067	.06019	.59187	.05733	-.00052	.00134
35	AD615055	-.00114	-.00012	.03984	-.00846	-.00007	-.00074
36	AD615056	.00024	-.00003	.02050	L-.01075	.00022	-.00035
37	AD615057	-.00302	-.00012	.00960	-.00813	.00018	-.00185

Analysis Report Averages 04/05/06 08:45:43 AM page 25

#	Sample Name	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
38	AD615057/L (1:5)	.00065	-.00019	.00221	-.00260	-.00003	.00003
39	AD615057/PS	.19316	.19466	.18785	.19582	.05206	.19280
40	AD615058/MS	.19318	.19310	.19415	.18772	.05197	.19275
41	AD615059/SD	.19972	.20054	.20294	.19351	.05203	.19910
42	AD615060	-.00066	-.00031	.00454	-.00512	.00009	.00031
43	AD615061	.00086	.00000	.00262	.00012	-.00020	-.00058
44	AD615062	-.00219	-.00027	.00223	.00054	-.00014	-.00114
45	AD615063	.00066	-.00018	.00359	.00026	-.00033	-.00029
46	AD615064	.00078	-.00036	.00318	.00025	-.00027	-.00049
47	AD615065	.00004	.00000	.00503	.00107	-.00021	-.00085
48	AD615066	-.00110	.00036	.04947	-.00150	-.00027	-.00073
49	AD615067	-.00067	.00017	.02390	-.00018	.00052	-.00095
50	AD615068	.00043	-.00036	.02012	.00053	-.00006	-.00098
51	AD615069	-.00083	-.00027	.00984	.00000	.00048	-.00103
52	AD615070	-.00180	-.00009	.00464	-.00027	.00007	-.00083
53	AD615071	.00003	.00017	.00365	-.00069	.00017	-.00086
54	AD615072	-.00087	.00008	.00311	.00080	-.00012	-.00128
55	AD615073	-.00073	-.00031	.00828	.00062	-.00034	.00020
56	AD615074	.00101	-.00009	.00623	-.00028	-.00019	-.00150
57	AD615075/FB	.19083	.18958	.19489	.19637	.04924	.18949
58	AD615076/PB	-.00138	-.00018	.00125	-.00068	-.00017	-.00074
59	AD615077	.00170	-.00009	.01308	.00108	.00043	.00133
60	AD615078	.00057	.00027	.00921	-.00057	.00010	.00221
61	AD615079	.00107	.00018	.00121	-.00099	-.00047	.00009
62	AD615080	.00055	.00027	.00494	-.00231	-.00041	.00103
63	AD615081	.00276	.00035	.00349	-.00564	-.00045	.00018
64	AD615081/L (1:5)	.00012	.00004	.00089	-.00279	-.00028	.00107
65	AD615081/PS	.19500	.20001	.18833	.20079	.05135	.19980
66	AD615082/MS	.19755	.20072	.19822	.19758	.05166	.20348
67	AD615083/SD	.19219	.19569	.19290	.20067	.05115	.19499
68	AD615084	.00236	.00033	.01161	-.00208	-.00033	.00001
69	AD615085	.00121	.00016	.00259	-.00252	-.00066	.00005
70	AD615086	-.00130	.00034	.00455	-.00109	-.00044	.00054
71	AD615087	.00128	.00018	.00484	-.00220	-.00039	-.00069
72	AD615088	.00213	.00109	.03368	-.00011	-.00057	-.00016
73	AD615089	-.00005	.00030	.02919	-.00062	-.00069	.00122
74	AD615090	.00082	.00022	.04944	-.00080	-.00087	.00119
75	AD615091	-.00006	.00027	.01189	-.00153	-.00042	.00042
76	AD615092	.00194	.00027	.02832	-.00070	-.00037	.00121
77	AD615093	.00234	.00074	.00498	-.00139	-.00031	.00189
78	AD615094	.00033	.00018	.02409	-.00083	-.00079	-.00037
79	AD615095	.00007	.00036	.00430	-.00055	-.00073	.00151
80	AD615096	.00054	.00098	.01388	-.00223	-.00074	.00184
81	AD615097	-.00037	.00027	.01776	-.00083	-.00063	.00061
82	AD615098	.00038	.00018	.02555	-.00070	-.00080	.00060
83	AD615099/FB	.19834	.19556	.19743	.20148	.05046	.19178
84	AD615100/PB	.00119	-.00009	.00103	.00082	-.00034	-.00103
85	AD615101	.00066	.00103	.61942	.00173	-.00091	.00463
86	AD615101/L (1:5)	-.00049	.00043	.12419	.00000	-.00084	.00099
87	AD615101/PS	.97832	1.0168	1.6341	.00018	1.0728	1.1089
88	AD615102/MS	.90048	.93917	1.5350	.00116	.97994	.97320
89	AD615103/SD	.93570	.97602	1.5752	.00103	1.0195	1.0103
90	AD615104/EBLK	.00294	.00008	H.04060	-.00175	-.00135	.00313
91	AD615105/LCS	.95792	.97904	1.0612	-.00193	1.0156	1.0190

#	Sample Name	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
92	AD615106/PB	.00094	.00009	.00131	-.00027	-.00107	.00076
93	AD615107	.00199	.00170	1.3731	.00420	-.00137	.00430
94	AD615107/L (1:5)	.00219	.00045	.27317	.00027	-.00136	.00246
95	AD615107/PS	.97868	1.0290	2.3952	.00360	1.0869	1.1252
96	AD615108/MS	.93445	.99848	2.3529	.00279	1.0394	1.0376
97	AD615109/SD	.94255	1.0018	2.3596	.00296	1.0446	1.0382
98	AD615110/EBLK	.00131	.00000	H.03910	-.00115	-.00144	.00257
99	AD615111/LCS	.95685	.99753	1.0747	-.00119	1.0349	1.0454
100	AD615112/PB	.00164	-.00018	.00113	-.00112	-.00139	.00089
101	AD615113	.00289	.12209	1.0114	.01781	.00041	.00647
102	AD615113/L (1:5)	-.00072	.02516	.21300	.00315	-.00042	.00149
103	AD615113/PS	.37231	.50312	1.3297	.42178	.09921	.39502
104	AD615114	.00483	.14028	1.0173	.03743	.00032	.00459
105	AD615115	.00331	.35867	2.1506	.13591	.12353	.01775
106	AD615115/L (1:5)	.00128	.07438	.45658	.03070	.02456	.00312
107	AD615115/PS	.36674	.73121	2.4387	.54164	.21674	.40575
108	AD615116	.00704	.32710	3.7365	.10632	.01089	.01016
109	AD615117	.00560	.27204	1.5313	.11237	.09310	.01149
110	AD615118	.00282	.15523	3.9843	.10555	.01579	.01333
111	AD615119	.00027	.10528	.77213	.02085	.00177	.00510
112	AD615120	.00362	.08296	.76783	.04058	.00074	.00490
113	AD615121	.00175	.20970	1.0364	.03035	.00002	.01687
114	AD615122	.00474	.20960	.93161	.02668	.00000	.01487
115	AD615123	.00484	.20825	.87476	.03236	-.00003	.01856
116	AD615124	.00471	.16174	1.2724	.02755	.00312	.01040
117	AD615125	.00349	.19198	1.6032	.02194	.00419	.01449
118	AD615126	.00545	.16409	1.6606	.04018	.00856	.01119
119	AD615126/L (1:5)	.00214	.03510	.35986	.00933	.00118	.00358
120	AD615126/PS	.35005	.53092	1.9594	.43269	.10215	.38852
121	AD615127/MS	.34567	.52993	2.0392	.36965	.10212	.37447
122	AD615128/SD	.34809	.52750	1.9838	.37065	.10190	.37185
123	AD615129	.00313	.11425	.54940	.03674	-.00070	.00573
124	AD615129/L (1:5)	-.00168	.02382	.11537	.00609	-.00149	.00087
125	AD615129/PS	.37056	.49465	.89658	.44302	.09778	.39580
126	AD615130	.00439	.14568	.82708	.02349	.00032	.00824
127	AD615131	.00617	.19307	.81225	.00750	-.00037	.01514
128	AD615132	.00142	.00122	.54785	.04750	.00037	1.2264
129	AD615132/L (1:5)	.00248	.00043	.11011	.01018	-.00119	.24723
130	AD615132/PS	.38805	.40650	.93172	.48345	.10200	1.6007
131	AD615133	.00211	.00177	.13523	.05465	-.00144	.00320
132	AD615134/CLPSL	.95008	.65372	1.4943	1.3177	.60653	1.1772
133	AD615135/PB	.00373	.00035	.00665	H.05974	-.00079	.00109
134	AD615136	.00373	.00000	.00139	-.00098	-.00090	.00119
135	AD615137	-.00100	.00080	.00466	-.00344	-.00078	.00032
136	AD615138	.00185	.00073	.00208	-.00561	-.00029	.00144
137	AD615138/L (1:5)	.00083	.00004	.00074	-.00192	-.00086	.00108
138	AD615138/PS	.19532	.20272	.19163	.20379	.05012	.20589
139	AD615139/MS	.19281	.20140	.19936	.20030	.05115	.20280
140	AD615140/SD	.18928	.19770	.19362	.19668	.05099	.19871
141	AD615141	-.00016	.00385	.07542	-.00035	-.00075	.00206
142	AD615142	-.00075	.00878	.02030	-.00204	-.00057	.00386
143	AD615143	.00237	.00152	.00544	-.00161	-.00045	.00034
144	AD615144	-.00030	.00101	.01028	-.00321	-.00051	.00053
145	AD615145	-.00153	.00036	.00316	-.00110	-.00102	.00171

#	Sample Name	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
146	AD615146	.00217	.00046	.00464	-.00069	-.00070	-.00003
147	AD615147	.00029	.00172	.00327	-.00744	-.00058	.05318
148	AD615148	.00156	.00055	.00572	L-.01843	-.00099	.02216
149	AD615149	-.00098	.00182	.00285	L-.02422	-.00113	.02112
150	AD615150	.00133	.00183	.00327	-.00794	-.00093	.05557
151	AD615151	.00238	.00164	.00262	-.00802	-.00079	.04096
152	AD615152	.00014	.00301	.00348	L-.02085	-.00118	.02220
153	AD615153	.00009	.00108	.00450	-.00465	-.00089	.04352
154	AD615154/FB	.19099	.19761	.20287	.20355	.04936	.20026
155	AD615155/PB	.00145	.00008	.00089	-.00069	-.00043	.00129
156	AD615194	-.00207	.00263	.00759	-.00045	.00038	.00002
157	AD615195	-.00324	-.00024	.00222	.00146	.00050	-.00055
158	AD615196	-.00274	-.00043	.00301	.00045	.00023	-.00037
159	AD615197	-.00145	.00010	.00236	-.00097	-.00004	-.00131
160	AD615198	-.00022	-.00032	.00267	-.00072	.00036	-.00009
161	AD615199	-.00031	.07751	1.5407	.00087	-.00040	.23533
162	AD615199/L (1:5)	-.00118	.01515	.31172	-.00012	-.00039	.04541
163	AD615199/PS	.20598	.27834	1.6949	.20816	.05028	.43189
164	AD615200/MS	.19463	.27760	1.7169	.19663	.05040	.43218
165	AD615201/SD	.19958	.27868	1.7517	.20048	.04964	.43895
166	AD615202	-.00062	.01278	.04484	-.00039	-.00018	.00291
167	AD615203/FB	.20280	.19573	.19920	.20029	.05013	.19386
168	AD615204/PB	.00073	-.00027	.00135	-.00122	.00039	-.00135
169	CCB	.00049	.00008	.00062	.00025	.00015	-.00171
170	CCB	-.00085	-.00027	-.00018	.00067	-.00038	.00016
171	CCB	.00030	.00000	.00046	.00095	-.00035	.00085
172	CCB	-.00151	-.00036	.00014	-.00082	.00060	-.00019
173	CCB	-.00135	.00009	.00218	.00057	.00022	-.00037
174	CCB	-.00425	-.00036	.00062	-.00095	.00024	.00038
175	CCB	.00050	-.00009	.00046	.00191	.00013	-.00078
176	CCB	-.00082	.00009	.00062	.00069	.00036	-.00098
177	CCB	.00160	.00000	.00031	-.00069	-.00023	.00111
178	CCB	-.00027	.00008	.00056	.00186	-.00034	.00085
179	CCB	.00048	.00055	.00073	-.00011	-.00039	.00146
180	CCB	-.00009	.00037	.00074	-.00124	-.00095	.00192
181	CCB	.00335	.00055	.00023	.00088	-.00082	.00098
182	CCB	.00060	.00037	-.00026	-.00067	-.00115	.00188
183	CCB	.00379	.00036	.00064	.00071	-.00125	.00285
184	CCB	.00156	.00027	.00040	.00103	-.00119	.00045
185	CCB	.00137	.00000	.00022	-.00001	-.00049	.00214
186	CCB	.00270	.00064	.00031	-.00112	-.00092	.00161
187	CCB	.00268	.00008	.00030	-.00029	-.00084	.00094
188	CCB	.00204	.00026	-.00059	-.00029	-.00120	.00191
189	CCB	.00180	.00045	-.00010	-.00182	-.00132	.00137
190	CCV	.50032	.49960	.50030	.50919	.49121	.50338
191	CCV	.49274	.49635	.49318	.50369	.49159	.49853
192	CCV	.50480	.49759	.49935	.50832	.48809	.50092
193	CCV	.50945	.49416	.49406	.50761	.48870	.49461
194	CCV	.50847	.49769	.49882	.50857	.48667	.50010
195	CCV	.50545	.49418	.49006	.50253	.48971	.49308
196	CCV	.50946	.49832	.49319	.50513	.49199	.49430
197	CCV	.51406	.49759	.48851	.50454	.49316	.49294
198	CCV	.49884	.50004	.49856	.50851	.49289	.50358
199	CCV	.49894	.49857	.49555	.50873	.49280	.50288

#	Sample Name	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
200	CCV	.48931	.49962	.49916	.50634	.49291	.50579
201	CCV	.48961	.50052	.50105	.50991	.49351	.50856
202	CCV	.48774	.50161	.50543	.51595	.49454	.51294
203	CCV	.48237	.50437	.50798	.51630	.49712	.51788
204	CCV	.47542	.50169	.50768	.51639	.49574	.51911
205	CCV	.48352	.50385	.50911	.51837	.50138	.51642
206	CCV	.48711	.49587	.50098	.51061	.48836	.50210
207	CCV	.48554	.50126	.51018	.51851	.49296	.51236
208	CCV	.47950	.49950	.50765	.51549	.49165	.51031
209	CCV	.47985	.50287	.51741	.52140	.49357	.51640
210	CCV	.47927	.50331	.51619	.52178	.49426	.51679
211	CRI	.01729	.00491	.02048	.00684	.00250	.00902
212	CRI	.01934	.00457	.02020	.00882	.00261	.00979
213	CRI	.01939	.00479	.02037	.00619	.00301	.01062
214	CRI	.02554	.00496	.01966	.00726	.00241	.01193
215	ICB	.00068	.00000	.00014	.00112	.00000	-.00064
216	ICB	.00146	.00008	.00039	-.00028	-.00025	.00156
217	ICB	.00345	.00008	-.00001	-.00098	-.00065	.00215
218	ICSA	-.00519	-.00029	.00119	.00134	.00012	-.00122
219	ICSA	-.00549	-.00067	.00100	.00266	.00016	-.00024
220	ICSA	-.00341	-.00002	.00042	.00079	.00016	.00035
221	ICSA	.00290	-.00026	.00148	.00000	.00037	.00031
222	ICSAB	.09336	.50111	.94210	.00246	.21648	-.00008
223	ICSAB	.10218	.49662	.92504	.00095	.21499	.00060
224	ICSAB	.09391	.50144	.92924	-.00017	.21801	.00107
225	ICSAB	.10238	.50259	.94854	.00040	.21806	.00032
226	ICV	.38695	.38048	.38391	.38984	.37007	.38436
227	ICV	.37960	.37764	.37880	.38678	.37260	.37994
228	ICV	.37856	.37513	.37906	.38640	.37095	.37998
229	STD 1	.40925	.10004	.1148	.06808	.59662	.35752
230	STD 1	.41306	.09875	.11226	.06635	.58968	.3456
231	STD 1	.39019	.1	.11416	.06676	.59993	.35473
232	STD 2	2.06516	.49588	.55274	.32778	3.1252	1.73583
233	STD 2	2.11677	.49381	.54592	.32641	3.12014	1.70857
234	STD 2	2.02405	.49684	.5564	.32958	3.17041	1.75637
235	STD 3	4.18444	.999	1.11028	.66425	6.31899	3.52877
236	STD 3	4.23957	.98115	1.07155	.64283	6.26752	3.38155
237	STD 3	4.06542	.98686	1.09625	.65171	6.35718	3.49462
238	STD 3 VER	1.0048	1.0021	.99426	1.0045	.99681	1.0056
239	STD 3 VER	.99962	1.0021	.98633	1.0017	1.0070	.99871
240	STD 3 VER	.99704	1.0010	.99297	1.0061	1.0084	1.0023
241	STD BLK	-.01739	.00018	.00018	.00126	-.04157	.0058
242	STD BLK	-.02266	-.00009	.00036	.00181	-.03721	.00082
243	STD BLK	-.02722	-.00009	.00092	.00156	-.0434	.00129

Standardization Rpt. 04/04/06 11:23:29 AM page 1

Method: TRACE1 Standard: STD BLK
Run Time: 04/04/06 11:18:35

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	.10615	-.02813	.02307	.00163	.11380	.02953	.00951
SDev	.00753	.03410	.00317	.00049	.00001	.00215	.00101
%RSD	7.0953	121.22	13.759	30.258	.01040	7.2978	10.649
#1	.10082	-.00402	.02082	.00128	.11379	.03105	.01023
#2	.11147	-.05224	.02531	.00197	.11381	.02800	.00880

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	-.00486	.00209	.00262	-.00208	-.21160	.00416	.00082
SDev	.00429	.00118	.00035	.00015	.07788	.00046	.00014
%RSD	88.298	56.375	13.415	7.3732	36.805	11.079	16.924
#1	-.00183	.00292	.00237	-.00219	-.26667	.00384	.00091
#2	-.00790	.00126	.00287	-.00197	-.15653	.00449	.00072

Elem	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1	1960/2
Avge	.00477	-.01460	.01953	-.03093	-.00311	-.06068	.07233
SDev	.00442	.00415	.00386	.00449	.00490	.01880	.01318
%RSD	92.695	28.410	19.750	14.500	157.76	30.977	18.221
#1	.00164	-.01753	.01680	-.02776	-.00658	-.07397	.08164
#2	.00790	-.01167	.02226	-.03411	.00036	-.04739	.06301

Elem	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Avge	-.01025	-.01740	.00018	.00018	.00126	-.04157	.00580
SDev	.00256	.01246	.00000	.00000	.00075	.00320	.00161
%RSD	24.970	71.634	1.2272	1.2272	59.604	7.6944	27.699
#1	-.01205	-.00858	.00018	.00018	.00073	-.04384	.00694
#2	-.00844	-.02621	.00018	.00018	.00180	-.03931	.00467

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5523	--	--	--	--	--	--
SDev	67.77625	--	--	--	--	--	--
%RSD	1.227180	--	--	--	--	--	--
#1	5475	--	--	--	--	--	--
#2	5571	--	--	--	--	--	--

Standardization Rpt. 04/04/06 11:27:59 AM page 1

Method: TRACE1 Standard: STD 1
Run Time: 04/04/06 11:23:32

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	4.5880	1.2351	.43396	.86385	1.7022	2.2539	.97199
SDev	.0600	.0225	.00204	.00741	.0354	.0333	.01464
%RSD	1.3084	1.8244	.47036	.85785	2.0821	1.4789	1.5060
#1	4.6304	1.2511	.43252	.86909	1.7273	2.2775	.98234
#2	4.5455	1.2192	.43540	.85861	1.6772	2.2304	.96164

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Ni2316	2203/1	2203/2
Avge	.79226	.46067	.83472	.46195	.72977	.63008	3.4691
SDev	.01814	.00844	.00714	.00846	.01497	.03153	.0099
%RSD	2.2902	1.8328	.85523	1.8303	2.0513	5.0042	.28466
#1	.80509	.46664	.83977	.46793	.74035	.65237	3.4622
#2	.77943	.45470	.82967	.45597	.71918	.60778	3.4761

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Avge	.22634	.34794	.60076	1.3391	.40926	.10005	.11480
SDev	.01196	.01763	.01195	.0059	.00447	.00119	.00301
%RSD	5.2832	5.0661	1.9896	.43941	1.0911	1.1918	2.6256
#1	.23480	.36040	.60921	1.3433	.41241	.10089	.11694
#2	.21788	.33547	.59231	1.3350	.40610	.09920	.11267

Elem	Sn1899	Ag3280	Mo2020
Avge	.06808	.59662	.35753
SDev	.00310	.00842	.01214
%RSD	4.5485	1.4106	3.3970
#1	.07027	.60257	.36612
#2	.06589	.59067	.34894

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5458	--	--	--	--	--	--
SDev	50.91169	--	--	--	--	--	--
%RSD	.9328329	--	--	--	--	--	--
#1	5422	--	--	--	--	--	--
#2	5494	--	--	--	--	--	--

Standardization Rpt. 04/04/06 11:32:28 AM page 1

Method: TRACE1 Standard: STD 2
Run Time: 04/04/06 11:28:02

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	22.337	6.1344	2.0433	4.3086	8.0156	10.794	4.7556
SDev	.284	.0658	.0148	.0304	.0955	.049	.0446
%RSD	1.2704	1.0728	.72398	.70537	1.1918	.45033	.93847
#1	22.538	6.1810	2.0538	4.3301	8.0831	10.828	4.7871
#2	22.136	6.0879	2.0329	4.2871	7.9480	10.760	4.7240

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Ni2316	2203/1	2203/2
Avge	3.8912	2.2912	4.0879	2.2716	3.5743	3.0306	16.874
SDev	.0283	.0146	.0169	.0360	.0469	.0146	.133
%RSD	.72835	.63838	.41304	1.5850	1.3116	.48155	.78732
#1	3.9112	2.3016	4.0999	2.2971	3.6074	3.0409	16.968
#2	3.8711	2.2809	4.0760	2.2462	3.5411	3.0202	16.780

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Avge	1.0812	2.0031	2.6703	6.6581	2.0652	.49589	.55274
SDev	.0082	.0078	.0307	.0156	.0323	.00544	.00815
%RSD	.76222	.39152	1.1508	.23463	1.5619	1.0964	1.4740
#1	1.0871	2.0087	2.6920	6.6691	2.0424	.49973	.55850
#2	1.0754	1.9976	2.6486	6.6470	2.0880	.49204	.54698

Elem	Sn1899	Ag3280	Mo2020
Avge	.32779	3.1252	1.7358
SDev	.00442	.0245	.0251
%RSD	1.3479	.78349	1.4439
#1	.33091	3.1425	1.7536
#2	.32466	3.1079	1.7181

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5393	--	--	--	--	--	--
SDev	70.53391	--	--	--	--	--	--
%RSD	1.307945	--	--	--	--	--	--
#1	5343	--	--	--	--	--	--
#2	5443	--	--	--	--	--	--

Standardization Rpt. 04/04/06 11:37:26 AM page 1

Method: TRACE1 Standard: STD 3
Run Time: 04/04/06 11:32:33

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	45.120	12.379	4.0916	8.5774	15.913	46.307	21.740
SDev	.093	.053	.0027	.0011	.025	.159	.100
%RSD	.20564	.42448	.06627	.01315	.15603	.34360	.46124
#1	45.055	12.342	4.0897	8.5766	15.896	46.194	21.669
#2	45.186	12.416	4.0935	8.5782	15.931	46.419	21.811

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	9.5234	7.7906	4.5769	8.1664	133.11	22.765	4.5776
SDev	.0177	.0195	.0054	.0200	.50	.060	.0097
%RSD	.18614	.25040	.11701	.24503	.37448	.26520	.21109
#1	9.5109	7.7768	4.5732	8.1523	132.76	22.723	4.5708
#2	9.5360	7.8044	4.5807	8.1806	133.47	22.808	4.5844

Elem	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1	1960/2
Avge	2.1838	7.1896	6.0331	33.681	2.1914	4.0962	5.3566
SDev	.0059	.0229	.0458	.122	.0005	.0166	.0075
%RSD	.26991	.31897	.75880	.36087	.02222	.40407	.13910
#1	2.1796	7.1734	6.0007	33.595	2.1917	4.0845	5.3514
#2	2.1879	7.2058	6.0655	33.767	2.1911	4.1079	5.3619

Elem	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Avge	13.263	4.1844	.99900	1.1103	.66425	6.3190	3.5288
SDev	.022	.0141	.00155	.0036	.00099	.0062	.0148
%RSD	.16341	.33673	.15527	.32111	.14869	.09812	.41978
#1	13.248	4.1745	.99791	1.1078	.66355	6.3146	3.5183
#2	13.278	4.1944	1.0001	1.1128	.66495	6.3234	3.5392

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5419	--	--	--	--	--	--
SDev	9.121609	--	--	--	--	--	--
%RSD	.1683295	--	--	--	--	--	--
#1	5425	--	--	--	--	--	--
#2	5412	--	--	--	--	--	--

Standardization Report 04/04/06 11:37:26 AM page 1

Method: TRACE1 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	1.11746	-.118636	04/04/06 11:32:33
As1890	189.042	Multiple	Standards	.080230	.002245	04/04/06 11:32:33
B_2496	249.678	Multiple	Standards	.248649	-.005743	04/04/06 11:32:33
Ba4934	493.409	Multiple	Standards	.116345	-.000191	04/04/06 11:32:33
Be3130	313.042	Multiple	Standards	.063233	-.007199	04/04/06 11:32:33
Ca3179	317.933	STD 3	STD BLK	.938793	.003010	04/04/06 11:32:33
Cd2265	226.502	Multiple	Standards	.045792	-.000456	04/04/06 11:32:33
Co2286	228.616	Multiple	Standards	.104289	.000493	04/04/06 11:32:33
Cr2677	267.716	Multiple	Standards	.127910	-.000276	04/04/06 11:32:33
Cu3247	324.753	Multiple	Standards	.217944	-.000572	04/04/06 11:32:33
Fe2714	271.441	Multiple	Standards	6.08109	.012000	04/04/06 11:32:33
K_7664	766.491	STD 3	STD BLK	1.00962	.003300	04/04/06 11:32:33
Mg2790	279.078	STD 3	STD BLK	.957349	-.000506	04/04/06 11:32:33
Mn2576	257.610	Multiple	Standards	.218192	-.000184	04/04/06 11:32:33
Na3302	330.232	STD 3	STD BLK	.989987	-.000115	04/04/06 11:32:33
Ni2316	231.604	Multiple	Standards	.137286	.001985	04/04/06 11:32:33
2203/1	220.351	Multiple	Standards	.169899	-.003327	04/04/06 11:32:33
2203/2	220.352	Multiple	Standards	.028882	.000873	04/04/06 11:32:33
PB2203	220.353	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
SE1960	196.026	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Sb2068	206.838	Multiple	Standards	.455862	.001388	04/04/06 11:32:33
1960/1	196.021	Multiple	Standards	.242945	.014750	04/04/06 11:32:33
1960/2	196.022	Multiple	Standards	.187678	-.013578	04/04/06 11:32:33
Ti3372	337.280	Multiple	Standards	.074809	.000758	04/04/06 11:32:33
Tl1908	190.864	Multiple	Standards	.235971	.004094	04/04/06 11:32:33
V_2924	292.402	Multiple	Standards	1.00550	-.000184	04/04/06 11:32:33
Zn2062	206.200	Multiple	Standards	.890710	-.000180	04/04/06 11:32:33
Sn1899	189.989	Multiple	Standards	1.50698	-.001911	04/04/06 11:32:33
Ag3280	328.068	Multiple	Standards	.157260	.006535	04/04/06 11:32:33
Mo2020	202.030	Multiple	Standards	.285528	-.001660	04/04/06 11:32:33

Standardization Readback Report 04/04/06 11:37:26 AM page 1

Method: TRACE1

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	STD BLK	.000000	-.000020	.000020
		STD 1	5.00000	5.00825	-.008251
		STD 2	25.0000	24.8420	.157961
		STD 3	50.0000	50.3017	-.301666

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	STD BLK	.000000	-.000012	.000012
		STD 1	.100000	.101341	-.001341
		STD 2	.500000	.494413	.005587
		STD 3	1.00000	.995405	.004595

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	STD BLK	.000000	-.000007	.000007
		STD 1	.100000	.102161	-.002161
		STD 2	.500000	.502325	-.002325
		STD 3	1.00000	1.01163	-.011631

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	STD BLK	.000000	-.000002	.000002
		STD 1	.100000	.100314	-.000314
		STD 2	.500000	.501094	-.001094
		STD 3	1.00000	.997748	.002252

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.100439	-.000439
		STD 2	.500000	.499652	.000348
		STD 3	1.00000	.999038	.000962

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Ca3179	317.933	STD BLK	.030729	.029527	.001203
		STD 3	43.4757	46.3069	-2.83129

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	STD BLK	.000000	-.000020	.000020
		STD 1	.100000	.102756	-.002756
		STD 2	.500000	.493828	.006172
		STD 3	1.00000	.995057	.004943

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	STD BLK	.000000	-.000014	.000014
		STD 1	.100000	.101861	-.001861
		STD 2	.500000	.496450	.003550
		STD 3	1.00000	.993686	.006314

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	STD BLK	.000000	-.000008	.000008
		STD 1	.100000	.101062	-.001062
		STD 2	.500000	.497442	.002558
		STD 3	1.00000	.996219	.003781

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	STD BLK	.000000	-.000001	.000001
		STD 1	.100000	.099828	.000172
		STD 2	.500000	.498790	.001210
		STD 3	1.00000	.996947	.003053

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	STD BLK	.000000	-.000668	.000668
		STD 1	5.00000	5.08800	-.087997
		STD 2	25.0000	24.8711	.128904
		STD 3	50.0000	49.6728	.327164

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	STD BLK	-.210334	-.211598	.001264
		STD 3	134.399	133.115	1.28409

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Mg2790	279.078	STD BLK	.003478	.004162	-.000684
		STD 3	21.7938	22.7653	-.971479

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	STD BLK	.000000	-.000006	.000006
		STD 1	.100000	.100610	-.000610
		STD 2	.500000	.495468	.004532
		STD 3	1.00000	.998612	.001388

CorCoef: 0.99999

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	STD BLK	.004608	.004771	-.000163
		STD 3	2.16177	2.18375	-.021980

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	STD BLK	.000000	-.000019	.000019
		STD 1	.100000	.102172	-.002172
		STD 2	.500000	.492685	.007315
		STD 3	1.00000	.989013	.010987

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	STD BLK	.000000	-.000008	.000008
		STD 1	.100000	.103723	-.003723
		STD 2	.500000	.511563	-.011563
		STD 3	1.00000	1.02169	-.021688

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	STD BLK	.000000	-.000020	.000020
		STD 1	.100000	.101070	-.001070
		STD 2	.500000	.488241	.011759
		STD 3	1.00000	.973665	.026335
CorCoef:	0.99999				

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
PB2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
SE1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	STD BLK	.000000	-.000028	.000028
		STD 1	.100000	.104568	-.004568
		STD 2	.500000	.494281	.005719
		STD 3	1.00000	1.00037	-.000366
CorCoef:	0.99996				

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	STD BLK	.000000	.000008	-.000008
		STD 1	.100000	.099280	.000720
		STD 2	.500000	.501398	-.001398
		STD 3	1.00000	1.00991	-.009910
CorCoef:	0.99999				

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	STD BLK	.000000	-.000004	.000004
		STD 1	.100000	.099172	.000828
		STD 2	.500000	.487574	.012426
		STD 3	1.00000	.991742	.008258
CorCoef:	0.99996				

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3372	337.280	STD BLK	.000000	-.000008	.000008
		STD 1	.100000	.100937	-.000937
		STD 2	.500000	.498840	.001160
		STD 3	1.00000	.992946	.007054
CorCoef:	1.00000				

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	STD BLK	.000000	-.000011	.000011
		STD 1	.100000	.100667	-.000667
		STD 2	.500000	.491413	.008587
		STD 3	1.00000	.991500	.008500
CorCoef:	0.99999				

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	STD BLK	.000000	-.000002	.000002
		STD 1	.100000	.100413	-.000413
		STD 2	.500000	.498431	.001569
		STD 3	1.00000	1.00431	-.004313

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	STD BLK	.000000	-.000019	.000019
		STD 1	.100000	.102077	-.002077
		STD 2	.500000	.492153	.007847
		STD 3	1.00000	.988761	.011239

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	STD BLK	.000000	-.000008	.000008
		STD 1	.100000	.100688	-.000688
		STD 2	.500000	.492055	.007945
		STD 3	1.00000	.999100	.000900

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.100360	-.000360
		STD 2	.500000	.498006	.001994
		STD 3	1.00000	1.00026	-.000263

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.100424	-.000424
		STD 2	.500000	.493969	.006031
		STD 3	1.00000	1.00590	-.005903

CorCoef: 0.99995

Analysis Report Blank Sample 04/04/06 11:42:23 AM page 1

Method: TRACE1 Sample Name: STD 3 VER Operator: SW
Run Time: 04/04/06 11:37:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.150	1.0001	1.0018	.99535	.99588	49.880	.99717
SDev	.019	.0034	.0010	.00126	.00051	.077	.00188
%RSD	.03880	.33853	.10472	.12638	.05108	.15531	.18816
#1	50.136	.99768	1.0026	.99624	.99552	49.826	.99584
#2	50.163	1.0025	1.0011	.99447	.99623	49.935	.99849
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99297	.99433	.99396	49.609	49.566	50.010	.99915
SDev	.00254	.00178	.00029	.035	.078	.050	.00068
%RSD	.25563	.17922	.02873	.06976	.15696	.10095	.06835
#1	.99118	.99307	.99375	49.585	49.511	49.974	.99867
#2	.99477	.99560	.99416	49.633	49.621	50.046	.99964
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.108	.99371	.99582	.98944	.99156	1.0093	.99609
SDev	.231	.00147	.00028	.00406	.00280	.0013	.00204
%RSD	.46038	.14784	.02773	.41013	.28224	.12440	.20455
#1	49.945	.99267	.99563	.98657	.98958	1.0084	.99753
#2	50.271	.99475	.99602	.99230	.99354	1.0102	.99465
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0106	1.0087	.99238	1.0048	1.0021	.99427	1.0045
SDev	.0017	.0027	.00084	.0021	.0021	.00255	.0010
%RSD	.16616	.26995	.08442	.20596	.20894	.25679	.09794
#1	1.0118	1.0068	.99179	1.0033	1.0006	.99246	1.0038
#2	1.0094	1.0106	.99298	1.0062	1.0036	.99607	1.0052
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.99681	1.0056
SDev	.00002	.0039
%RSD	.00206	.38828
#1	.99680	1.0028
#2	.99682	1.0083
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5430	--	--	--	--	--	--
SDev	.0000000	--	--	--	--	--	--
%RSD	.0000000	--	--	--	--	--	--
#1	5430	--	--	--	--	--	--
#2	5430	--	--	--	--	--	--

Analysis Report QC Standard 04/04/06 11:47:21 AM page 1

Method: TRACE1 Sample Name: ICV Operator: SW
Run Time: 04/04/06 11:42:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.880	.37110	.36305	.36834	.37974	19.294	.37748
SDev	.001	.00053	.00269	.00005	.00022	.002	.00089
%RSD	.00514	.14360	.74052	.01425	.05916	.01030	.23523
#1	18.881	.37072	.36115	.36831	.37958	19.293	.37811
#2	18.879	.37148	.36495	.36838	.37990	19.296	.37685
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	18.750	.37500	.37500	.37500	.37500	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37609	.37771	.38901	18.927	18.776	19.200	.38573
SDev	.00015	.00001	.00073	.019	.065	.001	.00006
%RSD	.03869	.00352	.18788	.09967	.34871	.00465	.01428
#1	.37619	.37772	.38953	18.914	18.822	19.200	.38577
#2	.37598	.37771	.38850	18.940	18.730	19.199	.38569
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500	.37500	.37500	18.750	18.750	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.557	.38261	.38245	.37858	.37987	.38274	.37812
SDev	.005	.00052	.00061	.00197	.00111	.00091	.00172
%RSD	.02876	.13564	.15975	.52101	.29277	.23882	.45434
#1	18.561	.38224	.38288	.37718	.37908	.38338	.37933
#2	18.553	.38298	.38202	.37997	.38065	.38209	.37690
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	18.750	.37500			.37500	.37500	.37500
Range	5.0000	5.0000			5.0000	5.0000	5.0000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38950	.37936	.38775	.38696	.38048	.38392	.38985
SDev	.00854	.00290	.00021	.00193	.00016	.00099	.00440
%RSD	2.1917	.76375	.05539	.49966	.04320	.25711	1.1279
#1	.39554	.37731	.38791	.38559	.38036	.38322	.38674
#2	.38346	.38141	.38760	.38832	.38060	.38461	.39296
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.37500	.37500	.37500	.37500	.37500
Range			5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.37007	.38437
SDev	.00019	.00007
%RSD	.05020	.01729
#1	.36994	.38441
#2	.37020	.38432
Errors	QC Pass	QC Pass
Value	.37500	.37500
Range	5.0000	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5519	--	--	--	--	--	--
SDev	8.803617	--	--	--	--	--	--
%RSD	.1595227	--	--	--	--	--	--
#1	5512	--	--	--	--	--	--
#2	5525	--	--	--	--	--	--

Analysis Report Blank Sample 04/04/06 11:52:17 AM page 1

Method: TRACE1 Sample Name: ICB Operator: SW
Run Time: 04/04/06 11:47:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00559	.00086	.00181	.00013	-.00006	.00190	.00004
SDev	.00604	.00216	.00042	.00009	.00003	.00035	.00011
%RSD	108.11	250.75	23.544	69.753	47.605	18.566	283.42
#1	-.00986	-.00067	.00151	.00006	-.00008	.00165	-.00004
#2	-.00132	.00239	.00211	.00019	-.00004	.00215	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	.00009	-.00013	.01811	-.01198	.00382	.00004
SDev	.00034	.00008	.00051	.00077	.04067	.00215	.00008
%RSD	279.08	96.208	378.91	4.2803	339.42	56.170	233.73
#1	.00036	.00015	-.00049	.01866	-.04074	.00230	-.00002
#2	-.00012	.00003	.00022	.01756	.01678	.00534	.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.13029	.00081	-.00017	.00299	.00194	-.00421	.00255
SDev	.25596	.00103	.00085	.00055	.00065	.00129	.00141
%RSD	196.45	127.44	492.44	18.358	33.413	30.586	55.348
#1	-.31128	.00153	-.00077	.00261	.00148	-.00512	.00155
#2	.05070	.00008	.00043	.00338	.00240	-.00330	.00355
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00525	-.00369	.00023	.00068	-.00000	.00015	.00112
SDev	.00133	.00259	.00044	.00184	.00000	.00069	.00118
%RSD	25.278	70.345	189.38	269.74	246.07	475.43	104.69
#1	-.00431	-.00552	-.00008	-.00062	.00000	-.00034	.00196
#2	-.00619	-.00185	.00054	.00198	-.00000	.00063	.00029
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00000	-.00064
SDev	.00022	.00092
%RSD	5888.9	143.20
#1	-.00015	-.00129
#2	.00016	.00001
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5466	--	--	--	--	--	--
SDev	15.27358	--	--	--	--	--	--
%RSD	.2794288	--	--	--	--	--	--
#1	5455	--	--	--	--	--	--
#2	5477	--	--	--	--	--	--

Analysis Report Blank Sample 04/04/06 11:57:13 AM page 1

Method: TRACE1 Sample Name: CRI Operator: SW
Run Time: 04/04/06 11:52:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19137	.01101	.06020	.00205	.00188	.51800	.00082
SDev	.00144	.00105	.00039	.00000	.00005	.00047	.00004
%RSD	.75003	9.5323	.65337	.03130	2.4860	.09005	4.6942
#1	.19239	.01027	.06047	.00205	.00192	.51767	.00079
#2	.19036	.01175	.05992	.00205	.00185	.51833	.00085
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.07500	.00300	.00300	.75000	.00150
Low	.10000	.00500	.02500	.00100	.00100	.25000	.00050

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00379	.00434	.00954	.05627	.46582	.20978	.00306
SDev	.00040	.00013	.00052	.00573	.04254	.00032	.00008
%RSD	10.476	3.0062	5.4204	10.183	9.1334	.15263	2.5679
#1	.00407	.00443	.00991	.06032	.49590	.21000	.00312
#2	.00351	.00424	.00918	.05221	.43574	.20955	.00300
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.92622	.01015	.00701	.00542	.00595	.01316	.02000
SDev	.17259	.00013	.00015	.00174	.00121	.00075	.00373
%RSD	18.634	1.2538	2.0854	32.044	20.288	5.7091	18.638
#1	1.0483	.01024	.00691	.00419	.00510	.01369	.01736
#2	.80418	.01006	.00712	.00665	.00681	.01262	.02263
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.5000	.01500			.00750	.02250	.03000
Low	.50000	.00500			.00250	.00750	.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01524	.01212	.00527	.01729	.00491	.02048	.00685
SDev	.00218	.00004	.00006	.00227	.00003	.00037	.00199
%RSD	14.322	.29325	1.0445	13.125	.71844	1.8154	29.075
#1	.01678	.01214	.00523	.01890	.00494	.02075	.00826
#2	.01369	.01209	.00530	.01569	.00489	.02022	.00544
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00750	.03000	.00750	.03000	.01500
Low			.00250	.01000	.00250	.01000	.00500

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00251	.00902
SDev	.00064	.00011
%RSD	25.427	1.2275
#1	.00296	.00910
#2	.00205	.00895
Errors	LC Pass	LC Pass
High	.00450	.01500
Low	.00150	.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5519	--	--	--	--	--	--
SDev	38.29011	--	--	--	--	--	--
%RSD	.6938405	--	--	--	--	--	--
#1	5492	--	--	--	--	--	--
#2	5546	--	--	--	--	--	--

Analysis Report QC Standard 04/04/06 12:02:09 PM page 1

Method: TRACE1 Sample Name: ICSA Operator: SW
Run Time: 04/04/06 11:57:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	503.55	.00410	.02736	.00270	.00160	494.73	.00067
SDev	4.16	.00003	.00048	.00010	.00004	3.46	.00015
%RSD	.82527	.63585	1.7642	3.7461	2.3681	.69870	21.955
#1	506.49	.00412	.02770	.00263	.00163	497.17	.00077
#2	500.61	.00408	.02701	.00277	.00157	492.28	.00057
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value	500.00					500.00	
Range	100.00					100.00	

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00113	-.00204	-.00086	192.32	-.01912	488.22	-.00214
SDev	.00028	.00030	.00007	.25	.00824	1.62	.00001
%RSD	24.571	14.680	7.5485	.13110	43.084	.33278	.59137
#1	.00133	-.00225	-.00082	192.50	-.01329	489.37	-.00213
#2	.00094	-.00183	-.00091	192.14	-.02494	487.07	-.00215
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK	QC Pass	NOCHECK
Value				200.00		500.00	
Range				40.000		100.00	

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02550	.00030	-.00865	.01549	.00745	-.00419	.00365
SDev	.04151	.00048	.00214	.00119	.00008	.00245	.00448
%RSD	162.75	159.23	24.686	7.6559	1.0666	58.463	122.71
#1	.00385	.00064	-.01017	.01633	.00750	-.00246	.00048
#2	-.05485	-.00004	-.00714	.01465	.00739	-.00593	.00682
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00102	-.00578	.00106	-.00520	-.00029	.00119	.00134
SDev	.00245	.00490	.00016	.00275	.00003	.00058	.00147
%RSD	238.61	84.813	15.303	52.839	8.7663	48.398	109.18
#1	-.00275	-.00231	.00095	-.00714	-.00028	.00160	.00238
#2	.00070	-.00924	.00118	-.00326	-.00031	.00078	.00031
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00012	-.00122
SDev	.00048	.00068
%RSD	390.09	55.700
#1	-.00022	-.00170
#2	.00046	-.00074
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5127	--	--	--	--	--	--
SDev	37.33510	--	--	--	--	--	--
%RSD	.7281417	--	--	--	--	--	--
#1	5101	--	--	--	--	--	--
#2	5154	--	--	--	--	--	--

Analysis Report QC Standard 04/04/06 12:07:05 PM page 1

Method: TRACE1 Sample Name: ICSAB Operator: SW
Run Time: 04/04/06 12:02:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	515.06	.10754	.00567	.50998	.50176	511.17	.96114
SDev	2.45	.00173	.00141	.00041	.00117	3.38	.00677
%RSD	.47651	1.6080	24.784	.08038	.23289	.66041	.70466
#1	516.80	.10876	.00667	.50969	.50259	513.56	.96593
#2	513.32	.10631	.00468	.51027	.50093	508.79	.95635
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48523	.49444	.54155	96.542	-.04821	464.86	.48903
SDev	.00301	.00119	.00027	.160	.01709	1.38	.00362
%RSD	.61942	.24086	.04943	.16545	35.456	.29747	.74044
#1	.48735	.49528	.54174	96.655	-.03612	465.84	.49159
#2	.48310	.49360	.54137	96.429	-.06030	463.89	.48647
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03981	.91860	.03510	.06684	.05627	.04844	.60770
SDev	.14926	.00773	.00620	.00596	.00191	.00072	.00171
%RSD	374.88	.84158	17.670	8.9099	3.3884	1.4851	.28092
#1	.14536	.92407	.03949	.06262	.05492	.04895	.60891
#2	-.06573	.91313	.03071	.07105	.05762	.04793	.60650
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value		1.0000			.05000	.05000	.60000
Range		.20000			.01000	.01000	.12000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03773	.05380	.00129	.09337	.50112	.94210	.00246
SDev	.00454	.00119	.00017	.00472	.00253	.00731	.00273
%RSD	12.042	2.2171	12.971	5.0544	.50447	.77573	111.01
#1	.04094	.05295	.00117	.09670	.50291	.94727	.00053
#2	.03452	.05464	.00141	.09003	.49933	.93694	.00439
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK
Value				.10000	.50000	1.0000	
Range				.02000	.10000	.20000	

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.21649	-.00009
SDev	.00018	.00111
%RSD	.08295	1245.7
#1	.21661	-.00088
#2	.21636	.00070
Errors	QC Pass	NOCHECK
Value	.20000	
Range	.04000	

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5075	--	--	--	--	--	--
SDev	4.136644	--	--	--	--	--	--
%RSD	.0815074	--	--	--	--	--	--
#1	5078	--	--	--	--	--	--
#2	5072	--	--	--	--	--	--

Analysis Report QC Standard 04/04/06 12:13:21 PM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 04/04/06 12:08:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.804	.48871	.47524	.48980	.50315	25.180	.48791
SDev	.136	.00298	.00018	.00095	.00130	.091	.00064
%RSD	.54726	.60891	.03770	.19407	.25764	.36062	.13212
#1	24.900	.49082	.47536	.49047	.50407	25.245	.48746
#2	24.708	.48661	.47511	.48913	.50223	25.116	.48837
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49195	.49865	.51719	24.892	24.336	25.026	.50552
SDev	.00159	.00040	.00175	.011	.274	.038	.00255
%RSD	.32310	.08014	.33821	.04350	1.1243	.15017	.50435
#1	.49307	.49894	.51843	24.900	24.529	25.052	.50733
#2	.49082	.49837	.51595	24.884	24.142	24.999	.50372
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.921	.49968	.50348	.49911	.50056	.50276	.49345
SDev	.167	.00386	.00228	.00033	.00054	.00021	.00120
%RSD	.67098	.77289	.45257	.06541	.10808	.04182	.24386
#1	25.039	.50241	.50509	.49888	.50094	.50290	.49260
#2	24.803	.49695	.50186	.49934	.50018	.50261	.49430
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50365	.50232	.51341	.50032	.49961	.50031	.50920
SDev	.00530	.00233	.00002	.00117	.00236	.00083	.00308
%RSD	1.0526	.46490	.00369	.23360	.47197	.16655	.60492
#1	.50740	.50066	.51340	.50115	.50127	.50089	.51138
#2	.49990	.50397	.51342	.49949	.49794	.49972	.50702
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.49122	.50339
SDev	.00132	.00377
%RSD	.26931	.74804
#1	.49215	.50605
#2	.49028	.50073
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5485	--	--	--	--	--	--
SDev	45.71439	--	--	--	--	--	--
%RSD	.8334930	--	--	--	--	--	--
#1	5452	--	--	--	--	--	--
#2	5517	--	--	--	--	--	--

Analysis Report Blank Sample 04/04/06 12:18:17 PM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 04/04/06 12:13:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04225	.00181	.00100	.00025	.00006	.04786	-.00012
SDev	.05497	.00076	.00007	.00018	.00014	.05950	.00028
%RSD	130.11	42.317	6.9171	71.231	213.03	124.33	228.78
#1	.00338	.00235	.00105	.00012	-.00003	.00578	-.00032
#2	.08111	.00127	.00096	.00037	.00016	.08993	.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	.00026	-.00063	.02126	.01276	.05215	.00009
SDev	.00005	.00024	.00014	.01931	.01708	.05255	.00011
%RSD	27.645	92.654	22.126	90.803	133.90	100.76	122.08
#1	.00015	.00044	-.00073	.00761	.02484	.01500	.00001
#2	.00023	.00009	-.00053	.03492	.00068	.08931	.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08849	.00068	.00136	.00103	.00114	-.00130	.00376
SDev	.02522	.00052	.00046	.00164	.00094	.00224	.00197
%RSD	28.495	77.516	34.218	158.45	82.186	172.38	52.363
#1	.07066	.00031	.00168	-.00012	.00048	-.00289	.00516
#2	.10633	.00105	.00103	.00219	.00180	.00028	.00237
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00189	-.00100	.00030	.00049	.00009	.00062	.00026
SDev	.00440	.00116	.00006	.00042	.00013	.00045	.00077
%RSD	232.55	115.74	19.092	84.755	146.59	72.964	297.92
#1	-.00500	-.00183	.00026	.00078	-.00000	.00030	.00080
#2	.00122	-.00018	.00034	.00020	.00018	.00094	-.00029
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00016	-.00171
SDev	.00039	.00094
%RSD	241.24	55.133
#1	-.00011	-.00104
#2	.00043	-.00238
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5563	--	--	--	--	--	--
SDev	4.984965	--	--	--	--	--	--
%RSD	.0896145	--	--	--	--	--	--
#1	5559	--	--	--	--	--	--
#2	5566	--	--	--	--	--	--

Analysis Report 04/04/06 12:23:14 PM page 1

Method: TRACE1 Sample Name: AD615002 Operator: SW
Run Time: 04/04/06 12:18:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.920	.01191	.02002	.07635	.00101	433.86	.00139
SDev	.053	.00228	.00145	.00031	.00005	1.14	.00003
%RSD	.33028	19.095	7.2471	.40179	4.4134	.26374	2.1839
#1	15.957	.01030	.02104	.07656	.00104	434.67	.00137
#2	15.883	.01352	.01899	.07613	.00098	433.05	.00141
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01268	.02627	.04962	40.807	4.0616	180.72	1.5946
SDev	.00021	.00018	.00045	.046	.0553	.32	.0060
%RSD	1.6442	.67268	.90035	.11339	1.3618	.17843	.37922
#1	.01254	.02639	.04993	40.840	4.1007	180.95	1.5989
#2	.01283	.02614	.04930	40.774	4.0225	180.49	1.5903
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2324	.02329	.06312	.06606	.06508	-.00217	.00007
SDev	.1149	.00073	.00204	.00179	.00052	.00163	.00140
%RSD	9.3193	3.1356	3.2346	2.7129	.79222	75.385	1998.7
#1	1.1512	.02278	.06456	.06480	.06472	-.00101	.00106
#2	1.3136	.02381	.06167	.06733	.06545	-.00332	-.00092
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00779	.00064	1.0242	-.00248	.05456	.41922	.05784
SDev	.00005	.00243	.0006	.00015	.00028	.00319	.00236
%RSD	.61971	378.00	.05669	6.2033	.52309	.76075	4.0725
#1	-.00775	.00236	1.0246	-.00238	.05476	.42148	.05951
#2	-.00782	-.00107	1.0238	-.00259	.05436	.41697	.05618
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00023	.00121
SDev	.00023	.00169
%RSD	99.920	139.72
#1	-.00039	.00001
#2	-.00007	.00240
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5499	--	--	--	--	--	--
SDev	2.757647	--	--	--	--	--	--
%RSD	.0501468	--	--	--	--	--	--
#1	5497	--	--	--	--	--	--
#2	5501	--	--	--	--	--	--

Analysis Report 04/04/06 12:28:10 PM page 1

Method: TRACE1 Sample Name: AD615003 Operator: SW
Run Time: 04/04/06 12:23:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.239	.01214	.02562	.11251	.00107	447.01	.00207
SDev	.071	.00058	.00047	.00046	.00001	.71	.00022
%RSD	.35034	4.7473	1.8511	.40887	.94126	.15867	10.715
#1	20.289	.01254	.02596	.11283	.00106	447.51	.00192
#2	20.189	.01173	.02529	.11218	.00107	446.50	.00223
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01795	.03036	.06311	43.186	5.5855	187.86	1.7618
SDev	.00009	.00049	.00011	.025	.0618	.02	.0050
%RSD	.50318	1.5990	.16635	.05876	1.1065	.01202	.28447
#1	.01788	.03070	.06303	43.204	5.6292	187.87	1.7653
#2	.01801	.03002	.06318	43.168	5.5418	187.84	1.7582
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2885	.03022	.09442	.09297	.09345	-.00461	.00354
SDev	.0747	.00104	.00066	.00104	.00091	.00203	.00194
%RSD	5.7953	3.4481	.69578	1.1177	.97575	44.029	54.685
#1	1.2357	.03096	.09396	.09224	.09281	-.00317	.00491
#2	1.3413	.02949	.09489	.09371	.09410	-.00604	.00217
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00627	-.00378	1.2237	-.00068	.06020	.59187	.05733
SDev	.00460	.00074	.0042	.00652	.00010	.00283	.00027
%RSD	73.358	19.675	.34299	958.75	.17102	.47880	.46586
#1	-.00302	-.00325	1.2266	.00393	.06012	.59388	.05752
#2	-.00952	-.00430	1.2207	-.00529	.06027	.58987	.05714
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00052	.00135
SDev	.00039	.00006
%RSD	75.865	4.5734
#1	-.00080	.00131
#2	-.00024	.00139
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5527	--	--	--	--	--	--
SDev	25.45585	--	--	--	--	--	--
%RSD	.4606059	--	--	--	--	--	--
#1	5509	--	--	--	--	--	--
#2	5545	--	--	--	--	--	--

Analysis Report 04/04/06 12:33:06 PM page 1

Method: TRACE1 Sample Name: AD614639/(1:10) Operator: SW
Run Time: 04/04/06 12:28:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03347	-.00002	.47427	.00604	.00044	263.38	.00008
SDev	.00469	.00047	.01667	.00023	.00001	8.92	.00039
%RSD	14.008	3128.3	3.5140	3.8379	2.2470	3.3882	493.14
#1	.03016	-.00035	.48605	.00620	.00045	269.69	.00035
#2	.03679	.00032	.46248	.00588	.00044	257.07	-.00020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	.00126	-.00043	.00161	4.9101	149.25	.15086
SDev	.00031	.00006	.00015	.00491	.2481	5.13	.00532
%RSD	1304.1	4.9357	34.042	304.72	5.0522	3.4362	3.5285
#1	-.00024	.00121	-.00053	-.00186	5.0855	152.88	.15462
#2	.00020	.00130	-.00032	.00509	4.7347	145.62	.14710
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H557.18	.00149	.00172	-.00149	-.00042	-.00312	.00423
SDev	16.05	.00057	.00155	.00111	.00022	.00080	.00136
%RSD	2.8803	38.311	90.110	74.588	53.259	25.703	32.112
#1	H568.53	.00109	.00282	-.00227	-.00057	-.00255	.00519
#2	H545.84	.00190	.00062	-.00070	-.00026	-.00369	.00327
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00054	-.00495	.00102	-.00075	-.00028	.00463	.00066
SDev	.00228	.00006	.00019	.00039	.00013	.00057	.00042
%RSD	420.46	1.2899	18.558	52.086	48.173	12.414	62.536
#1	.00215	-.00490	.00089	-.00048	-.00018	.00422	.00096
#2	-.00107	-.00499	.00115	-.00103	-.00037	.00504	.00037
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00051	-.00064
SDev	.00015	.00066
%RSD	30.170	102.72
#1	.00040	-.00017
#2	.00062	-.00110
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5275	--	--	--	--	--	--
SDev	24.50118	--	--	--	--	--	--
%RSD	.4645192	--	--	--	--	--	--
#1	5257	--	--	--	--	--	--
#2	5292	--	--	--	--	--	--

Analysis Report 04/04/06 12:38:02 PM page 1

Method: TRACE1 Sample Name: AD614862/(1:5) Operator: SW
Run Time: 04/04/06 12:33:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2952	.01351	5.6324	.12305	.00000	31.237	-.00004
SDev	.0034	.00162	.0006	.00016	.00004	.007	.00014
%RSD	.26023	11.985	.00997	.13262	54975.	.02164	356.85
#1	1.2929	.01466	5.6320	.12316	.00003	31.232	.00006
#2	1.2976	.01237	5.6328	.12293	-.00003	31.241	-.00013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00246	.07702	.07532	.90791	51.079	31.739	.05873
SDev	.00011	.00022	.00016	.00754	.162	.000	.00006
%RSD	4.5830	.28714	.21672	.83099	.31697	.00146	.09980
#1	.00254	.07686	.07543	.91325	51.193	31.738	.05868
#2	.00238	.07717	.07520	.90258	50.964	31.739	.05877
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	325.02	.02721	.01194	.01010	.01071	-.00360	.00476
SDev	.69	.00006	.00263	.00235	.00069	.00308	.00094
%RSD	.21131	.23605	21.994	23.283	6.4749	85.494	19.834
#1	324.54	.02726	.01380	.00843	.01022	-.00142	.00543
#2	325.51	.02716	.01008	.01176	.01120	-.00577	.00409
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00509	-.00285	.01974	-.00015	.00376	.21122	.02486
SDev	.00791	.00066	.00000	.00233	.00024	.00012	.00126
%RSD	155.57	23.029	.02271	1517.6	6.4607	.05655	5.0500
#1	.00051	-.00239	.01974	.00149	.00359	.21130	.02398
#2	-.01068	-.00332	.01974	-.00180	.00394	.21113	.02575
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00044	.00200
SDev	.00036	.00021
%RSD	82.680	10.297
#1	.00018	.00186
#2	.00069	.00215
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5556	--	--	--	--	--	--
SDev	18.03122	--	--	--	--	--	--
%RSD	.3245098	--	--	--	--	--	--
#1	5544	--	--	--	--	--	--
#2	5569	--	--	--	--	--	--

Analysis Report 04/04/06 12:42:58 PM page 1

Method: TRACE1 Sample Name: AD614863/(1:10) Operator: SW
Run Time: 04/04/06 12:38:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06250	.00663	2.1844	.02450	-.00023	3.7045	-.00008
SDev	.00116	.00040	.0054	.00004	.00003	.0007	.00001
%RSD	1.8579	6.0373	.24788	.17875	11.300	.02017	16.710
#1	.06332	.00692	2.1805	.02447	-.00021	3.7051	-.00007
#2	.06168	.00635	2.1882	.02453	-.00024	3.7040	-.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00352	.13566	.00373	.39298	61.601	12.876	.00859
SDev	.00024	.00022	.00012	.00881	.401	.010	.00004
%RSD	6.8549	.16450	3.1646	2.2426	.65029	.07649	.47542
#1	.00369	.13550	.00365	.39921	61.318	12.869	.00856
#2	.00335	.13582	.00381	.38675	61.884	12.883	.00862
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	315.43	.07421	.00367	.00401	.00390	-.00291	.00134
SDev	1.02	.00049	.00064	.00079	.00074	.00083	.00028
%RSD	.32204	.66074	17.452	19.595	18.923	28.475	21.104
#1	314.71	.07456	.00412	.00457	.00442	-.00232	.00114
#2	316.15	.07387	.00322	.00345	.00338	-.00349	.00154
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00215	-.00329	.02593	.00045	.00769	.03497	.01177
SDev	.00126	.00187	.00024	.00022	.00017	.00006	.00147
%RSD	58.584	56.975	.92914	49.936	2.1665	.16261	12.526
#1	-.00304	-.00196	.02576	.00061	.00781	.03501	.01072
#2	-.00126	-.00461	.02610	.00029	.00757	.03493	.01281
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00018	.00499
SDev	.00011	.00047
%RSD	60.455	9.4165
#1	-.00010	.00532
#2	-.00026	.00466
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5539	--	--	--	--	--	--
SDev	26.83450	--	--	--	--	--	--
%RSD	.4844406	--	--	--	--	--	--
#1	5520	--	--	--	--	--	--
#2	5558	--	--	--	--	--	--

Analysis Report 04/04/06 12:51:37 PM page 1

Method: TRACE1 Sample Name: AD614844/(1:10) Operator: SW
Run Time: 04/04/06 12:46:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09080	.00131	2.4029	.00646	.00077	5.0975	.06156
SDev	.00154	.00109	.0380	.00015	.00002	.0807	.00071
%RSD	1.7002	83.055	1.5818	2.3571	2.8416	1.5828	1.1587
#1	.08970	.00054	2.4298	.00656	.00079	5.1546	.06206
#2	.09189	.00208	2.3760	.00635	.00076	5.0404	.06105
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04771	.00294	10.695	.06840	H500.01	.70527	.20844
SDev	.00107	.00013	.186	.00245	7.37	.01123	.00328
%RSD	2.2502	4.5326	1.7366	3.5745	1.4742	1.5923	1.5719
#1	.04847	.00284	10.826	.06667	H505.22	.71321	.21076
#2	.04695	.00303	10.563	.07013	H494.80	.69733	.20612
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H2135.1	.14682	.01163	.00867	.00965	-.00311	L-.01338
SDev	20.6	.00249	.00011	.00304	.00199	.00257	.00033
%RSD	.96439	1.6971	.92905	35.049	20.618	82.489	2.4315
#1	H2149.7	.14858	.01171	.00652	.00825	-.00130	L-.01315
#2	H2120.6	.14506	.01155	.01082	.01106	-.00493	L-.01361
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Low
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00384	-.00659	.00034	.00181	-.00174	2.5049	L-.01878
SDev	.00610	.00080	.00009	.00493	.00015	.0396	.00013
%RSD	158.77	12.143	26.086	272.37	8.8645	1.5815	.69626
#1	.00815	-.00602	.00028	-.00168	-.00185	2.5329	L-.01869
#2	-.00047	-.00715	.00041	.00530	-.00163	2.4769	L-.01887
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.02509	1.7617
SDev	.00092	.0226
%RSD	3.6583	1.2838
#1	.02574	1.7777
#2	.02444	1.7457
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4856	--	--	--	--	--	--
SDev	24.50118	--	--	--	--	--	--
%RSD	.5045366	--	--	--	--	--	--
#1	4839	--	--	--	--	--	--
#2	4874	--	--	--	--	--	--

Analysis Report 04/04/06 12:56:33 PM page 1

Method: TRACE1 Sample Name: AD614844/(1:5) Operator: SW
Run Time: 04/04/06 12:51:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.30783	.00267	5.0480	.01828	.00113	10.469	.12545
SDev	.00425	.00199	.1562	.00028	.00001	.249	.00259
%RSD	1.3804	74.634	3.0939	1.5317	.97439	2.3761	2.0609
#1	.31084	.00408	5.1584	.01848	.00113	10.644	.12728
#2	.30483	.00126	4.9375	.01808	.00112	10.293	.12362
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09681	.00604	22.583	.11374	H1060.0	1.4108	.42430
SDev	.00203	.00034	.678	.00484	32.0	.0240	.01086
%RSD	2.0962	5.5677	3.0016	4.2569	3.0223	1.6995	2.5589
#1	.09824	.00581	23.063	.11032	H1082.7	1.4277	.43198
#2	.09537	.00628	22.104	.11716	H1037.4	1.3938	.41663
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H3174.5	.29312	.01624	.01747	.01706	-.00625	L-.03117
SDev	44.3	.00775	.00051	.00301	.00217	.00407	.00025
%RSD	1.3962	2.6453	3.1477	17.203	12.748	65.126	.81134
#1	H3205.8	.29860	.01660	.01960	.01860	-.00912	L-.03135
#2	H3143.1	.28764	.01588	.01535	.01553	-.00337	L-.03099
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Low
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00237	-.00818	-.00033	-.00061	L-.00378	5.1359	L-.04215
SDev	.00482	.00369	.00018	.00548	.00064	.1318	.00387
%RSD	202.85	45.144	53.262	892.34	16.918	2.5655	9.1838
#1	-.00578	-.01080	-.00046	-.00449	L-.00423	5.2291	L-.04488
#2	.00103	-.00557	-.00021	.00326	L-.00332	5.0428	L-.03941
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Low	LC Pass	LC Low
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05479	3.6601
SDev	.00113	.0933
%RSD	2.0572	2.5484
#1	.05559	3.7261
#2	.05399	3.5942
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4483	--	--	--	--	--	--
SDev	5.621637	--	--	--	--	--	--
%RSD	.1254039	--	--	--	--	--	--
#1	4479	--	--	--	--	--	--
#2	4487	--	--	--	--	--	--

Analysis Report 04/04/06 01:01:29 PM page 1

Method: TRACE1 Sample Name: AD614842/(1:10) Operator: SW
Run Time: 04/04/06 12:56:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07077	.00014	1.3490	.00493	.00063	5.3961	.03523
SDev	.00325	.00044	.0043	.00000	.00003	.0180	.00016
%RSD	4.5884	308.11	.31921	.02675	4.3937	.33382	.45487
#1	.07307	.00046	1.3521	.00493	.00065	5.4088	.03534
#2	.06848	-.00017	1.3460	.00493	.00061	5.3833	.03511
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07040	.00287	8.5502	.05108	383.14	.85373	.14191
SDev	.00028	.00020	.0301	.00601	.38	.00732	.00060
%RSD	.39456	6.8325	.35188	11.771	.09866	.85718	.42209
#1	.07060	.00300	8.5715	.04682	382.87	.85890	.14234
#2	.07020	.00273	8.5289	.05533	383.41	.84855	.14149
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1867.6	.24047	.00403	-.00089	.00075	-.00363	L-.01316
SDev	3.5	.00101	.00231	.00206	.00061	.00096	.00058
%RSD	.18845	.41819	57.208	232.90	80.722	26.392	4.4064
#1	H1870.1	.24118	.00566	-.00234	.00032	-.00295	L-.01357
#2	H1865.1	.23976	.00240	.00057	.00118	-.00430	L-.01275
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Low
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00536	-.00812	.00037	-.00005	-.00142	2.0288	L-.01643
SDev	.00365	.00039	.00036	.00019	.00029	.0006	.00147
%RSD	68.057	4.7855	96.112	365.44	20.184	.03191	8.9625
#1	.00794	-.00840	.00062	.00008	-.00121	2.0293	L-.01539
#2	.00278	-.00785	.00012	-.00019	-.00162	2.0283	L-.01747
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00451	1.4493
SDev	.00049	.0020
%RSD	10.909	.13937
#1	.00486	1.4479
#2	.00416	1.4507
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4898	--	--	--	--	--	--
SDev	17.39490	--	--	--	--	--	--
%RSD	.3551682	--	--	--	--	--	--
#1	4885	--	--	--	--	--	--
#2	4910	--	--	--	--	--	--

Analysis Report 04/04/06 01:06:25 PM page 1

Method: TRACE1 Sample Name: AD614842/(1:5) Operator: SW
Run Time: 04/04/06 13:01:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19662	.00224	2.7666	.01157	.00097	10.745	.07155
SDev	.00003	.00160	.0170	.00002	.00000	.064	.00107
%RSD	.01710	71.233	.61625	.13133	.46099	.59792	1.4985
#1	.19664	.00337	2.7786	.01156	.00097	10.791	.07231
#2	.19659	.00111	2.7545	.01158	.00096	10.700	.07079
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14080	.00477	17.640	.08631	H764.87	1.6756	.28377
SDev	.00065	.00019	.151	.00272	1.33	.0096	.00174
%RSD	.46013	3.8993	.85449	3.1501	.17366	.57092	.61406
#1	.14126	.00490	17.746	.08438	H765.81	1.6824	.28500
#2	.14034	.00464	17.533	.08823	H763.93	1.6688	.28254
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H2792.3	.47946	.00327	.00229	.00261	-.00202	L-.02404
SDev	11.4	.00399	.00256	.00226	.00066	.00099	.00096
%RSD	.40820	.83243	78.221	98.854	25.137	48.880	3.9911
#1	H2800.4	.48229	.00508	.00069	.00215	-.00272	L-.02472
#2	H2784.3	.47664	.00146	.00389	.00308	-.00132	L-.02336
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Low
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00146	-.00376	.00006	.00006	-.00292	4.0807	L-.03486
SDev	.00076	.00186	.00016	.00194	.00015	.0202	.00099
%RSD	52.096	49.505	278.51	3307.3	5.1321	.49514	2.8376
#1	.00200	-.00508	.00017	-.00131	-.00282	4.0949	L-.03556
#2	.00092	-.00245	-.00006	.00143	L-.00303	4.0664	L-.03416
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00991	2.9433
SDev	.00027	.0114
%RSD	2.7493	.38649
#1	.01010	2.9513
#2	.00972	2.9352
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4589	--	--	--	--	--	--
SDev	8.060948	--	--	--	--	--	--
%RSD	.1756427	--	--	--	--	--	--
#1	4584	--	--	--	--	--	--
#2	4595	--	--	--	--	--	--

Analysis Report 04/04/06 01:11:21 PM page 1

Method: TRACE1 Sample Name: AD614591 Operator: SW
Run Time: 04/04/06 13:06:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01450	.00301	.48310	.04507	.00010	188.31	.00039
SDev	.00274	.00013	.00092	.00010	.00002	.23	.00015
%RSD	18.926	4.1946	.18950	.21675	15.893	.11986	39.233
#1	.01256	.00293	.48374	.04501	.00009	188.47	.00049
#2	.01644	.00310	.48245	.04514	.00011	188.15	.00028
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01107	.00087	.00043	3.5070	10.451	49.889	3.7355
SDev	.00056	.00041	.00006	.0004	.034	.104	.0041
%RSD	5.0856	47.076	12.787	.01109	.32981	.20918	.11057
#1	.01067	.00116	.00047	3.5072	10.475	49.963	3.7384
#2	.01147	.00058	.00039	3.5067	10.427	49.816	3.7326
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	26.608	.02240	-.00022	.00127	.00077	.00084	.00272
SDev	.062	.00017	.00220	.00124	.00010	.00497	.00165
%RSD	.23409	.75807	976.96	97.681	12.623	594.85	60.557
#1	26.564	.02252	.00133	.00039	.00070	-.00268	.00389
#2	26.652	.02228	-.00178	.00215	.00084	.00435	.00156
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00155	.00203	.00051	-.00154	.00020	.09849	-.00104
SDev	.00605	.01047	.00041	.00492	.00039	.00068	.00078
%RSD	391.39	517.22	79.539	318.98	199.15	.68525	75.151
#1	.00273	-.00538	.00022	.00194	-.00008	.09801	-.00160
#2	-.00582	.00943	.00080	-.00502	.00047	.09896	-.00049
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00033	.00327
SDev	.00060	.00003
%RSD	179.45	.85499
#1	-.00009	.00329
#2	.00076	.00325
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5452	--	--	--	--	--	--
SDev	11.77326	--	--	--	--	--	--
%RSD	.2159627	--	--	--	--	--	--
#1	5460	--	--	--	--	--	--
#2	5443	--	--	--	--	--	--

Analysis Report QC Standard 04/04/06 01:17:37 PM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 04/04/06 13:12:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.819	.48572	.47756	.48977	.50133	24.973	.48376
SDev	.002	.00275	.00277	.00015	.00017	.024	.00173
%RSD	.00616	.56685	.58083	.03122	.03383	.09712	.35873
#1	24.820	.48377	.47560	.48967	.50121	24.956	.48254
#2	24.818	.48766	.47953	.48988	.50145	24.990	.48499
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48943	.49776	.51667	24.844	24.126	25.032	.50056
SDev	.00054	.00013	.00083	.030	.030	.024	.00023
%RSD	.11104	.02588	.16019	.11985	.12294	.09530	.04628
#1	.48904	.49767	.51726	24.823	24.105	25.016	.50040
#2	.48981	.49785	.51609	24.866	24.147	25.049	.50073
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.952	.49298	.49818	.49471	.49586	.49841	.49041
SDev	.094	.00195	.00577	.00080	.00245	.00175	.00380
%RSD	.37677	.39603	1.1579	.16140	.49478	.35031	.77542
#1	25.019	.49160	.50226	.49527	.49760	.49717	.48772
#2	24.886	.49436	.49410	.49414	.49413	.49964	.49309
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50338	.49593	.51354	.49275	.49636	.49319	.50370
SDev	.00259	.00391	.00038	.00147	.00070	.00159	.00014
%RSD	.51467	.78929	.07482	.29821	.14093	.32143	.02706
#1	.50521	.49316	.51382	.49379	.49586	.49207	.50360
#2	.50154	.49870	.51327	.49171	.49685	.49431	.50380
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.49159	.49854
SDev	.00033	.00166
%RSD	.06682	.33364
#1	.49182	.49736
#2	.49136	.49972
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5452	--	--	--	--	--	--
SDev	32.35014	--	--	--	--	--	--
%RSD	.5933980	--	--	--	--	--	--
#1	5429	--	--	--	--	--	--
#2	5475	--	--	--	--	--	--

Analysis Report Blank Sample 04/04/06 01:22:33 PM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 04/04/06 13:17:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01014	.00237	.00389	.00010	-.00009	.01917	-.00021
SDev	.00033	.00028	.00089	.00000	.00002	.00110	.00011
%RSD	3.2359	11.616	22.865	1.9957	18.407	5.7119	52.839
#1	.01038	.00217	.00451	.00010	-.00008	.01994	-.00013
#2	.00991	.00256	.00326	.00010	-.00011	.01839	-.00029
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00041	-.00011	-.00006	.00985	.00347	.02250	.00003
SDev	.00002	.00010	.00017	.00002	.00281	.00233	.00009
%RSD	4.8847	84.040	278.06	.16129	81.131	10.361	259.78
#1	-.00039	-.00018	.00006	.00984	.00546	.02415	.00009
#2	-.00042	-.00005	-.00018	.00986	.00148	.02086	-.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06628	.00037	.00401	-.00156	.00030	-.00526	.00308
SDev	.00505	.00008	.00105	.00156	.00069	.00108	.00251
%RSD	7.6215	20.784	26.062	100.55	232.68	20.478	81.423
#1	.06271	.00042	.00475	-.00266	-.00019	-.00602	.00485
#2	.06985	.00031	.00327	-.00045	.00079	-.00450	.00131
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00298	-.00641	.00010	-.00085	-.00027	-.00018	.00067
SDev	.00331	.00327	.00017	.00126	.00013	.00000	.00136
%RSD	111.21	51.075	168.85	147.56	46.826	.00052	202.63
#1	-.00064	-.00872	.00022	.00004	-.00037	-.00018	.00163
#2	-.00532	-.00409	-.00002	-.00174	-.00018	-.00018	-.00029
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00039	.00017
SDev	.00009	.00085
%RSD	23.720	505.93
#1	-.00032	.00077
#2	-.00045	-.00043
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5554	--	--	--	--	--	--
SDev	38.60810	--	--	--	--	--	--
%RSD	.6951717	--	--	--	--	--	--
#1	5526	--	--	--	--	--	--
#2	5581	--	--	--	--	--	--

Analysis Report 04/04/06 01:27:30 PM page 1

Method: TRACE1 Sample Name: AD614456 Operator: SW
Run Time: 04/04/06 13:22:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00365	.01492	.01936	.14838	-.00010	58.008	-.00029
SDev	.00169	.00047	.00091	.00005	.00001	.054	.00010
%RSD	46.227	3.1275	4.7084	.03553	7.1154	.09307	35.450
#1	.00245	.01459	.01872	.14842	-.00011	57.970	-.00022
#2	.00484	.01525	.02001	.14834	-.00010	58.046	-.00037
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00026	.00041	-.00018	.13944	.89645	11.798	.19397
SDev	.00009	.00062	.00039	.00464	.00154	.020	.00009
%RSD	34.939	150.38	219.90	3.3253	.17183	.16576	.04851
#1	-.00033	.00084	-.00045	.14272	.89536	11.784	.19403
#2	-.00020	-.00003	.00010	.13617	.89753	11.812	.19390
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.0870	.00078	.00121	.00073	.00089	-.00310	.00314
SDev	.0969	.00076	.00047	.00179	.00135	.00007	.00041
%RSD	1.9043	98.125	39.043	246.58	152.40	2.4008	13.086
#1	5.1555	.00024	.00088	-.00054	-.00007	-.00305	.00285
#2	5.0185	.00132	.00154	.00200	.00185	-.00315	.00343
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00319	-.00625	.00028	-.00250	-.00037	.00150	-.00069
SDev	.00102	.00062	.00007	.00129	.00025	.00034	.00095
%RSD	31.852	9.9193	23.470	51.349	69.379	22.575	137.44
#1	.00247	-.00581	.00024	-.00341	-.00055	.00174	-.00137
#2	.00391	-.00668	.00033	-.00159	-.00019	.00126	-.00002
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00008	.00010
SDev	.00020	.00130
%RSD	238.22	1251.2
#1	.00006	-.00082
#2	-.00022	.00102
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5584	--	--	--	--	--	--
SDev	.3183362	--	--	--	--	--	--
%RSD	.0057010	--	--	--	--	--	--
#1	5584	--	--	--	--	--	--
#2	5584	--	--	--	--	--	--

Analysis Report 04/04/06 01:32:26 PM page 1

Method: TRACE1 Sample Name: A6330202/T Operator: SW
Run Time: 04/04/06 13:27:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00933	.01544	.01890	.14971	-.00028	58.468	-.00023
SDev	.00115	.00061	.00068	.00088	.00001	.183	.00022
%RSD	12.304	3.9730	3.5742	.58497	4.7874	.31276	93.668
#1	-.01015	.01501	.01938	.14910	-.00029	58.339	-.00008
#2	-.00852	.01588	.01842	.15033	-.00027	58.598	-.00038
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	-.00002	.00044	.14667	.97738	11.982	.19601
SDev	.00052	.00024	.00032	.00076	.01327	.035	.00059
%RSD	267.55	1307.9	73.666	.51561	1.3578	.29108	.29899
#1	.00057	.00015	.00067	.14721	.96799	11.957	.19559
#2	-.00017	-.00019	.00021	.14614	.98676	12.007	.19642
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.3594	.00111	-.00233	.00216	.00067	-.00140	.00301
SDev	.1113	.00048	.00068	.00146	.00075	.00285	.00184
%RSD	2.0774	42.879	29.076	67.649	112.44	203.83	61.177
#1	5.4381	.00077	-.00185	.00113	.00014	-.00341	.00171
#2	5.2806	.00145	-.00280	.00320	.00120	.00062	.00431
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00370	-.00394	-.00008	.00018	-.00010	.00030	-.00018
SDev	.00773	.00040	.00014	.00050	.00013	.00022	.00094
%RSD	209.23	10.238	175.82	269.99	127.59	73.953	529.56
#1	-.00177	-.00423	.00002	.00053	-.00001	.00045	.00048
#2	.00916	-.00366	-.00017	-.00017	-.00019	.00014	-.00084
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00033	.00001
SDev	.00010	.00026
%RSD	30.331	2405.0
#1	-.00040	-.00017
#2	-.00026	.00019
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5644	--	--	--	--	--	--
SDev	30.22882	--	--	--	--	--	--
%RSD	.5356228	--	--	--	--	--	--
#1	5665	--	--	--	--	--	--
#2	5622	--	--	--	--	--	--

Analysis Report 04/04/06 01:42:43 PM page 1

Method: TRACE1 Sample Name: AD614577 Operator: SW
Run Time: 04/04/06 13:37:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02351	.00635	.01083	.08185	-.00137	31.922	-.00037
SDev	.04561	.01532	.01101	.10057	.00185	39.544	.00014
%RSD	194.00	241.17	101.67	122.87	135.27	123.88	37.929
#1	.00874	.01718	.01862	.15296	-.00006	59.883	-.00027
#2	L-.05576	-.00448	.00304	.01074	-.00268	3.9597	-.00046
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	-.00009	-.00088	.09459	.72577	6.4606	.10511
SDev	.00056	.00061	.00088	.07091	.31182	8.1106	.13040
%RSD	698.70	697.39	100.89	74.964	42.964	125.54	124.07
#1	-.00032	.00034	-.00025	.14473	.94627	12.196	.19732
#2	.00048	-.00052	-.00150	.04445	.50528	.72552	.01290
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.9518	.00102	-.00345	.00137	-.00023	-.00158	-.00125
SDev	3.3684	.00028	.00741	.00617	.00165	.00027	.00628
%RSD	114.11	27.767	214.85	449.99	703.19	17.080	501.37
#1	5.3336	.00082	.00179	-.00299	-.00140	-.00177	.00319
#2	.56999	.00122	-.00869	.00573	.00093	-.00139	-.00570
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00842	.00184	.00101	-.00356	-.00013	.00150	.00086
SDev	.01485	.00783	.00098	.00219	.00060	.00103	.00469
%RSD	176.32	424.26	97.430	61.356	461.00	68.730	543.45
#1	.00208	-.00369	.00031	-.00202	-.00055	.00224	-.00245
#2	-.01892	.00738	.00170	-.00511	.00029	.00077	.00418
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00023	-.00119
SDev	.00075	.00200
%RSD	323.64	167.45
#1	-.00030	.00022
#2	.00077	-.00261
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6984	--	--	--	--	--	--
SDev	2035.089	--	--	--	--	--	--
%RSD	29.13961	--	--	--	--	--	--
#1	5545	--	--	--	--	--	--
#2	8423	--	--	--	--	--	--

Analysis Report 04/04/06 01:47:40 PM page 1

Method: TRACE1 Sample Name: A6330202/S Operator: SW
Run Time: 04/04/06 13:42:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00224	.01634	.01869	.14990	-.00019	59.070	-.00012
SDev	.00119	.00162	.00003	.00069	.00001	.034	.00016
%RSD	53.137	9.9432	.14309	.45747	5.4824	.05713	138.62
#1	-.00140	.01519	.01871	.14942	-.00018	59.046	-.00000
#2	-.00308	.01749	.01867	.15039	-.00019	59.094	-.00023
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00004	.00051	-.00032	.13824	1.0131	12.125	.20262
SDev	.00007	.00052	.00035	.00763	.0135	.012	.00028
%RSD	207.32	100.76	111.10	5.5201	1.3284	.09708	.13754
#1	-.00002	.00088	-.00057	.14364	1.0226	12.117	.20243
#2	.00009	.00015	-.00007	.13285	1.0036	12.133	.20282
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.3456	.00121	-.00293	.00116	-.00020	-.00005	.00218
SDev	.0017	.00075	.00131	.00121	.00124	.00014	.00022
%RSD	.03212	61.967	44.641	104.26	608.75	293.60	9.9278
#1	5.3444	.00175	-.00386	.00030	-.00108	-.00014	.00233
#2	5.3468	.00068	-.00201	.00201	.00067	.00005	.00203
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01201	-.00608	.00007	-.00034	.00008	.00240	-.00020
SDev	.00173	.00066	.00014	.00021	.00012	.00010	.00242
%RSD	14.416	10.869	192.24	61.264	159.83	4.0489	1213.0
#1	.01079	-.00561	-.00003	-.00049	.00016	.00247	.00151
#2	.01324	-.00654	.00017	-.00019	-.00001	.00233	-.00191
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00028	-.00106
SDev	.00050	.00081
%RSD	179.61	76.464
#1	.00063	-.00049
#2	-.00008	-.00163
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5707	--	--	--	--	--	--
SDev	29.91048	--	--	--	--	--	--
%RSD	.5240970	--	--	--	--	--	--
#1	5728	--	--	--	--	--	--
#2	5686	--	--	--	--	--	--

Analysis Report 04/04/06 01:52:35 PM page 1

Method: TRACE1 Sample Name: AD614457 Operator: SW
Run Time: 04/04/06 13:47:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01345	.01115	.04017	.09496	-.00001	128.83	-.00029
SDev	.00324	.00112	.00065	.00033	.00001	.27	.00006
%RSD	24.068	10.059	1.6166	.35072	76.316	.20654	21.329
#1	.01574	.01036	.04063	.09519	-.00001	129.02	-.00034
#2	.01116	.01195	.03971	.09472	-.00002	128.64	-.00025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00162	.00094	-.00001	7.3633	1.6780	35.530	9.1297
SDev	.00013	.00034	.00014	.0096	.0072	.073	.0284
%RSD	7.9391	36.180	1206.7	.13058	.42949	.20579	.31119
#1	.00171	.00070	.00009	7.3701	1.6831	35.581	9.1498
#2	.00153	.00118	-.00011	7.3565	1.6729	35.478	9.1096
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.855	.00286	.00202	.00058	.00106	-.00222	.00172
SDev	.042	.00011	.00048	.00006	.00020	.00408	.00036
%RSD	.18523	3.8565	23.548	9.5824	18.470	184.14	21.077
#1	22.825	.00294	.00236	.00062	.00120	-.00510	.00198
#2	22.885	.00278	.00169	.00054	.00092	.00067	.00147
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00129	-.00268	.00043	-.00513	-.00063	.00333	.00387
SDev	.00344	.00440	.00021	.00463	.00013	.00033	.00062
%RSD	267.27	164.19	49.777	90.331	21.067	9.9201	16.121
#1	-.00372	-.00580	.00058	-.00840	-.00073	.00309	.00431
#2	.00115	.00043	.00028	-.00185	-.00054	.00356	.00343
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00098	.00075
SDev	.00045	.00018
%RSD	46.182	23.316
#1	-.00130	.00063
#2	-.00066	.00088
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5419	--	--	--	--	--	--
SDev	31.07748	--	--	--	--	--	--
%RSD	.5734461	--	--	--	--	--	--
#1	5397	--	--	--	--	--	--
#2	5441	--	--	--	--	--	--

Analysis Report 04/04/06 01:57:31 PM page 1

Method: TRACE1 Sample Name: A6330203/T Operator: SW
Run Time: 04/04/06 13:52:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01007	.00838	.03978	.09583	-.00021	132.22	-.00022
SDev	.00480	.00315	.00099	.00000	.00001	.14	.00014
%RSD	47.703	37.585	2.4955	.00353	4.2283	.10514	65.531
#1	.00667	.01061	.04049	.09583	-.00022	132.12	-.00032
#2	.01346	.00615	.03908	.09583	-.00021	132.31	-.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00232	.00010	-.00022	7.5950	1.8571	36.173	9.3384
SDev	.00001	.00005	.00000	.0083	.0056	.034	.0061
%RSD	.57713	47.901	.16860	.10951	.30055	.09447	.06535
#1	.00231	.00014	-.00022	7.5892	1.8531	36.149	9.3340
#2	.00233	.00007	-.00022	7.6009	1.8610	36.197	9.3427
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.243	.00348	.00058	.00163	.00128	.01210	.00337
SDev	.195	.00003	.00043	.00215	.00129	.00093	.00143
%RSD	.84020	.96888	74.126	132.51	101.25	7.7049	42.538
#1	23.105	.00350	.00088	.00010	.00036	.01144	.00438
#2	23.382	.00346	.00028	.00315	.00219	.01276	.00236
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02437	.00596	.00027	-.00480	-.00018	.00180	-.00358
SDev	.00373	.00047	.00004	.00015	.00025	.00011	.00057
%RSD	15.310	7.8290	14.148	3.0299	140.88	6.2798	15.908
#1	.02173	.00629	.00024	-.00470	-.00036	.00172	-.00318
#2	.02700	.00563	.00029	-.00490	-.00000	.00188	-.00398
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00005	-.00015
SDev	.00034	.00115
%RSD	613.97	778.57
#1	-.00018	-.00096
#2	.00029	.00067
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5618	--	--	--	--	--	--
SDev	1.060660	--	--	--	--	--	--
%RSD	.0188804	--	--	--	--	--	--
#1	5619	--	--	--	--	--	--
#2	5617	--	--	--	--	--	--

Analysis Report 04/04/06 02:02:27 PM page 1

Method: TRACE1 Sample Name: AD614580 Operator: SW
Run Time: 04/04/06 13:57:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01524	.01139	.04167	.09558	.00009	131.70	-.00029
SDev	.00262	.00021	.00081	.00034	.00002	.15	.00002
%RSD	17.216	1.8359	1.9399	.35134	20.593	.11279	8.3282
#1	.01709	.01154	.04110	.09534	.00010	131.60	-.00031
#2	.01338	.01124	.04224	.09581	.00008	131.81	-.00027
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00181	.00100	-.00051	7.3594	1.6797	36.136	9.2673
SDev	.00007	.00033	.00017	.0008	.0074	.053	.0256
%RSD	3.7544	32.944	32.932	.01026	.43861	.14578	.27571
#1	.00176	.00076	-.00039	7.3588	1.6849	36.098	9.2492
#2	.00186	.00123	-.00063	7.3599	1.6745	36.173	9.2854
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.110	.00368	.00073	.00012	.00032	.00245	.00109
SDev	.037	.00010	.00094	.00057	.00007	.00234	.00064
%RSD	.16023	2.7841	128.47	479.07	22.069	95.276	58.743
#1	23.084	.00375	.00139	-.00029	.00027	.00411	.00064
#2	23.136	.00360	.00007	.00053	.00037	.00080	.00155
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00220	.00258	.00026	-.00231	-.00026	.00239	-.00060
SDev	.00274	.00214	.00007	.00095	.00013	.00046	.00136
%RSD	124.64	82.777	25.595	41.257	49.449	19.258	225.50
#1	.00413	.00409	.00021	-.00298	-.00035	.00206	-.00156
#2	.00026	.00107	.00031	-.00163	-.00017	.00272	.00036
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00050	-.00109
SDev	.00082	.00125
%RSD	161.96	114.96
#1	.00007	-.00197
#2	-.00108	-.00020
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5497	--	--	--	--	--	--
SDev	4.666974	--	--	--	--	--	--
%RSD	.0849042	--	--	--	--	--	--
#1	5500	--	--	--	--	--	--
#2	5493	--	--	--	--	--	--

Analysis Report Blank Sample 04/04/06 02:08:43 PM page 1

Method: TRACE1 Sample Name: CRI Operator: SW
Run Time: 04/04/06 14:03:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18727	.01163	.05776	.00213	.00192	.51590	.00063
SDev	.00320	.00088	.00127	.00001	.00001	.00037	.00022
%RSD	1.7077	7.5575	2.1918	.45480	.62301	.07255	34.955
#1	.18501	.01101	.05687	.00212	.00191	.51617	L.00048
#2	.18954	.01225	.05866	.00214	.00193	.51564	.00079
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.07500	.00300	.00300	.75000	.00150
Low	.10000	.00500	.02500	.00100	.00100	.25000	.00050

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00380	.00432	.00994	.06042	.47404	.21351	.00310
SDev	.00011	.00051	.00016	.00302	.03213	.00279	.00009
%RSD	2.9715	11.701	1.6517	4.9942	6.7789	1.3050	2.9591
#1	.00372	.00468	.01006	.05828	.45132	.21154	.00317
#2	.00388	.00396	.00983	.06255	.49677	.21548	.00304
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1966	.00991	.00515	.00479	.00491	.01442	.02029
SDev	.1031	.00032	.00166	.00264	.00232	.00301	.00455
%RSD	8.6193	3.2125	32.322	55.105	47.152	20.844	22.411
#1	1.2695	.00969	.00633	.00666	.00655	.01655	.01708
#2	1.1236	.01014	.00397	.00293	.00327	.01230	.02351
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.5000	.01500			.00750	.02250	.03000
Low	.50000	.00500			.00250	.00750	.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01089	.01619	.00557	.01935	.00458	.02021	.00882
SDev	.00176	.00539	.00026	.00130	.00001	.00007	.00041
%RSD	16.195	33.297	4.6506	6.7445	.24067	.34067	4.6708
#1	.00964	.02000	.00539	.01842	.00459	.02016	.00912
#2	.01213	.01238	.00576	.02027	.00457	.02026	.00853
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00750	.03000	.00750	.03000	.01500
Low			.00250	.01000	.00250	.01000	.00500

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00262	.00980
SDev	.00027	.00061
%RSD	10.402	6.2775
#1	.00243	.01023
#2	.00281	.00936
Errors	LC Pass	LC Pass
High	.00450	.01500
Low	.00150	.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5483	--	--	--	--	--	--
SDev	12.40993	--	--	--	--	--	--
%RSD	.2263399	--	--	--	--	--	--
#1	5474	--	--	--	--	--	--
#2	5492	--	--	--	--	--	--

Analysis Report QC Standard 04/04/06 02:13:39 PM page 1

Method: TRACE1 Sample Name: ICSA Operator: SW
Run Time: 04/04/06 14:08:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	501.34	.00205	.02778	.00274	.00160	491.81	.00068
SDev	.88	.00163	.00016	.00003	.00003	.79	.00010
%RSD	.17546	79.237	.57268	1.2138	1.7410	.16097	15.027
#1	500.72	.00321	.02767	.00272	.00162	491.25	.00076
#2	501.96	.00090	.02789	.00277	.00158	492.37	.00061
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value	500.00					500.00	
Range	100.00					100.00	

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00079	-.00133	-.00052	192.14	-.00756	486.19	-.00188
SDev	.00025	.00042	.00006	.18	.04417	.56	.00011
%RSD	31.332	31.963	11.067	.09505	583.94	.11430	5.9485
#1	.00096	-.00163	-.00056	192.01	.02367	485.79	-.00196
#2	.00061	-.00103	-.00048	192.27	-.03880	486.58	-.00180
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK	QC Pass	NOCHECK
Value				200.00		500.00	
Range				40.000		100.00	

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23728	.00003	-.01207	.01357	.00503	-.00644	.00358
SDev	.00616	.00114	.00208	.00042	.00041	.00335	.00464
%RSD	2.5977	4037.8	17.242	3.1161	8.1650	51.981	129.51
#1	.23292	-.00078	-.01354	.01387	.00474	-.00407	.00030
#2	.24163	.00084	-.01060	.01327	.00532	-.00881	.00686
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00690	-.00621	.00116	-.00549	-.00068	.00100	.00266
SDev	.00774	.00115	.00046	.00221	.00029	.00064	.00167
%RSD	112.14	18.524	40.013	40.162	42.992	63.703	62.587
#1	-.00143	-.00539	.00083	-.00393	-.00047	.00055	.00384
#2	-.01238	-.00702	.00149	-.00705	-.00088	.00145	.00149
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00016	-.00025
SDev	.00031	.00149
%RSD	190.99	608.85
#1	.00038	.00081
#2	-.00006	-.00130
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5121	--	--	--	--	--	--
SDev	11.24293	--	--	--	--	--	--
%RSD	.2195456	--	--	--	--	--	--
#1	5113	--	--	--	--	--	--
#2	5129	--	--	--	--	--	--

Analysis Report QC Standard 04/04/06 02:18:35 PM page 1

Method: TRACE1 Sample Name: ICSAB Operator: SW
Run Time: 04/04/06 14:13:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	509.65	.10766	.00463	.50603	.49575	506.24	.97291
SDev	.79	.00367	.00081	.00035	.00073	.86	.00157
%RSD	.15465	3.4115	17.425	.06870	.14658	.16945	.16125
#1	509.10	.11026	.00406	.50578	.49523	505.63	.97180
#2	510.21	.10506	.00520	.50627	.49626	506.85	.97402
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48371	.49153	.53897	96.669	-.01242	461.80	.48157
SDev	.00094	.00114	.00039	.187	.00961	.74	.00053
%RSD	.19439	.23287	.07292	.19314	77.429	.16109	.11045
#1	.48304	.49072	.53869	96.537	-.00562	461.27	.48119
#2	.48437	.49234	.53925	96.801	-.01921	462.32	.48194
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14273	.91469	.04141	.06050	.05415	.04645	.62102
SDev	.00707	.00016	.00534	.00325	.00039	.00023	.00701
%RSD	4.9543	.01703	12.893	5.3638	.71412	.49645	1.1295
#1	.14773	.91458	.04519	.05821	.05387	.04628	.61606
#2	.13773	.91480	.03764	.06280	.05442	.04661	.62598
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value		1.0000			.05000	.05000	.60000
Range		.20000			.01000	.01000	.12000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04638	.04648	.00165	.10218	.49662	.92505	.00096
SDev	.00639	.00285	.00001	.00225	.00065	.00212	.00062
%RSD	13.784	6.1335	.57364	2.2036	.13094	.22867	65.219
#1	.04186	.04850	.00165	.10378	.49616	.92355	.00051
#2	.05090	.04446	.00166	.10059	.49708	.92655	.00140
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK
Value				.10000	.50000	1.0000	
Range				.02000	.10000	.20000	

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.21499	.00060
SDev	.00059	.00012
%RSD	.27468	19.805
#1	.21457	.00052
#2	.21541	.00069
Errors	QC Pass	NOCHECK
Value	.20000	
Range	.04000	

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5132	--	--	--	--	--	--
SDev	4.666628	--	--	--	--	--	--
%RSD	.0909328	--	--	--	--	--	--
#1	5129	--	--	--	--	--	--
#2	5135	--	--	--	--	--	--

Analysis Report QC Standard 04/04/06 02:24:51 PM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 04/04/06 14:19:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.611	.48662	.47630	.48575	.50181	25.101	.49126
SDev	.009	.00061	.00115	.00048	.00070	.024	.00157
%RSD	.03569	.12553	.24218	.09881	.13959	.09412	.31884
#1	24.605	.48706	.47712	.48541	.50132	25.118	.49237
#2	24.617	.48619	.47549	.48609	.50231	25.085	.49015
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49171	.49808	.51255	24.953	23.870	25.020	.49995
SDev	.00015	.00076	.00011	.000	.003	.004	.00025
%RSD	.03062	.15296	.02177	.00071	.01297	.01751	.04916
#1	.49161	.49754	.51263	24.953	23.872	25.017	.50013
#2	.49182	.49862	.51247	24.953	23.868	25.023	.49978
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.825	.49836	.49762	.49964	.49896	.50605	.49202
SDev	.112	.00126	.00218	.00217	.00217	.00074	.00186
%RSD	.45049	.25193	.43877	.43426	.43576	.14667	.37732
#1	24.904	.49924	.49916	.50117	.50050	.50552	.49334
#2	24.746	.49747	.49607	.49810	.49743	.50657	.49071
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50167	.50824	.51370	.50481	.49759	.49936	.50832
SDev	.00048	.00087	.00025	.00052	.00044	.00119	.00125
%RSD	.09632	.17152	.04950	.10304	.08952	.23758	.24549
#1	.50132	.50763	.51352	.50518	.49791	.49852	.50744
#2	.50201	.50886	.51388	.50444	.49728	.50020	.50920
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.48810	.50093
SDev	.00015	.00310
%RSD	.03064	.61963
#1	.48799	.50312
#2	.48820	.49873
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5515	--	--	--	--	--	--
SDev	9.333602	--	--	--	--	--	--
%RSD	.1692480	--	--	--	--	--	--
#1	5521	--	--	--	--	--	--
#2	5508	--	--	--	--	--	--

Analysis Report Blank Sample 04/04/06 02:29:47 PM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 04/04/06 14:24:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02010	.00006	.00244	.00016	.00001	.02638	-.00010
SDev	.00180	.00075	.00014	.00002	.00001	.00118	.00005
%RSD	8.9448	1212.3	5.7221	10.129	108.30	4.4625	51.457
#1	.01883	-.00047	.00234	.00017	.00002	.02721	-.00007
#2	.02137	.00059	.00254	.00015	.00000	.02555	-.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00016	.00045	.00012	.02522	-.00757	.03196	.00009
SDev	.00015	.00012	.00014	.00005	.00484	.00374	.00011
%RSD	91.859	25.656	117.15	.17802	63.865	11.698	119.97
#1	.00006	.00054	.00022	.02525	-.00415	.03460	.00017
#2	.00027	.00037	.00002	.02519	-.01099	.02931	.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04690	.00048	.00320	.00033	.00129	-.00250	.00081
SDev	.09916	.00030	.00106	.00151	.00136	.00140	.00198
%RSD	211.43	63.408	33.277	452.74	105.68	56.076	245.99
#1	-.02322	.00026	.00395	.00140	.00225	-.00349	.00221
#2	.11702	.00069	.00244	-.00073	.00033	-.00151	-.00060
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00468	-.00608	.00017	.00031	-.00000	.00047	.00096
SDev	.00299	.00061	.00011	.00004	.00026	.00069	.00328
%RSD	63.844	9.9714	64.942	12.951	15287.	146.92	343.05
#1	.00257	-.00651	.00026	.00028	.00018	.00095	-.00136
#2	.00679	-.00565	.00009	.00034	-.00018	-.00002	.00327
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00035	.00085
SDev	.00012	.00195
%RSD	34.948	228.00
#1	-.00027	.00223
#2	-.00044	-.00052
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5513	--	--	--	--	--	--
SDev	14.21292	--	--	--	--	--	--
%RSD	.2577886	--	--	--	--	--	--
#1	5503	--	--	--	--	--	--
#2	5523	--	--	--	--	--	--

Analysis Report 04/04/06 02:47:29 PM page 1

Method: TRACE1 Sample Name: A6330203/S Operator: SW
Run Time: 04/04/06 14:42:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02627	.00960	.04120	.09737	-.00014	136.14	-.00005
SDev	.00692	.00090	.00037	.00020	.00002	.28	.00005
%RSD	26.346	9.3437	.89429	.20123	14.986	.20658	95.353
#1	.03117	.01023	.04146	.09723	-.00013	135.94	-.00002
#2	.02138	.00896	.04094	.09751	-.00016	136.34	-.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00219	.00004	-.00020	7.5577	1.9251	37.096	9.6932
SDev	.00003	.00002	.00041	.0256	.0122	.032	.0191
%RSD	1.3419	51.653	201.50	.33816	.63541	.08683	.19713
#1	.00221	.00006	.00009	7.5397	1.9165	37.073	9.6797
#2	.00217	.00003	-.00050	7.5758	1.9338	37.118	9.7067
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.735	.00434	-.00151	.00248	.00115	.00692	.00412
SDev	.138	.00003	.00002	.00014	.00009	.00266	.00064
%RSD	.58023	.80837	1.0310	5.6798	7.7010	38.443	15.550
#1	23.832	.00431	-.00152	.00258	.00122	.00504	.00457
#2	23.637	.00436	-.00150	.00238	.00109	.00880	.00367
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01557	.00259	-.00018	-.00159	.00000	.04477	-.00467
SDev	.00082	.00440	.00013	.00174	.00026	.00037	.00020
%RSD	5.2639	170.05	73.099	109.70	9287.3	.81839	4.1997
#1	.01615	-.00052	-.00009	-.00036	.00018	.04451	-.00481
#2	.01499	.00570	-.00027	-.00282	-.00018	.04503	-.00453
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00067	-.00038
SDev	.00070	.00076
%RSD	104.89	198.12
#1	-.00017	-.00092
#2	-.00117	.00015
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5587	--	--	--	--	--	--
SDev	10.71260	--	--	--	--	--	--
%RSD	.1917372	--	--	--	--	--	--
#1	5580	--	--	--	--	--	--
#2	5595	--	--	--	--	--	--

Analysis Report 04/04/06 02:52:25 PM page 1

Method: TRACE1 Sample Name: AD614446 Operator: SW
Run Time: 04/04/06 14:47:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02743	-.00104	.12708	.07253	.00025	176.62	-.00016
SDev	.00250	.00235	.00267	.00230	.00008	3.83	.00010
%RSD	9.1136	227.11	2.1000	3.1684	33.092	2.1711	62.010
#1	.02566	.00063	.12896	.07416	.00031	179.33	-.00009
#2	.02920	-.00270	.12519	.07091	.00019	173.91	-.00023
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00019	.00045	-.00060	1.4032	5.8245	22.909	.55823
SDev	.00002	.00017	.00055	.0270	.2581	.528	.01433
%RSD	7.9306	37.719	90.426	1.9259	4.4315	2.3060	2.5670
#1	-.00020	.00033	-.00022	1.4223	6.0070	23.282	.56836
#2	-.00018	.00057	-.00099	1.3841	5.6420	22.535	.54810
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	79.720	.00109	.00142	.00080	.00101	-.00307	.00352
SDev	1.364	.00029	.00128	.00087	.00015	.00153	.00697
%RSD	1.7107	26.754	90.390	108.62	15.173	49.906	198.23
#1	80.685	.00088	.00051	.00141	.00111	-.00415	.00844
#2	78.756	.00130	.00233	.00019	.00090	-.00198	-.00141
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00228	-.00574	.00035	.00008	.00007	.00204	-.00270
SDev	.00454	.00002	.00012	.00065	.00040	.00005	.00356
%RSD	199.30	.42645	34.144	822.49	578.58	2.4199	131.92
#1	-.00093	-.00576	.00026	-.00038	.00036	.00207	-.00018
#2	.00549	-.00572	.00043	.00054	-.00022	.00200	-.00522
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00004	.00083
SDev	.00044	.00149
%RSD	983.14	178.49
#1	-.00035	-.00022
#2	.00026	.00189
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5358	--	--	--	--	--	--
SDev	119.5363	--	--	--	--	--	--
%RSD	2.231018	--	--	--	--	--	--
#1	5273	--	--	--	--	--	--
#2	5442	--	--	--	--	--	--

Analysis Report 04/04/06 02:57:21 PM page 1

Method: TRACE1 Sample Name: A6327202/T Operator: SW
Run Time: 04/04/06 14:52:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02423	-.00107	.13036	.07262	.00010	180.36	-.00037
SDev	.00007	.00043	.00069	.00026	.00001	.36	.00005
%RSD	.27102	40.287	.53212	.35421	10.496	.19960	13.828
#1	.02418	-.00077	.12987	.07244	.00010	180.11	-.00033
#2	.02428	-.00138	.13085	.07280	.00009	180.62	-.00041
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00028	-.00063	-.00116	1.3995	6.2921	23.378	.56751
SDev	.00007	.00072	.00047	.0049	.0151	.017	.00073
%RSD	24.301	114.20	41.103	.34679	.23930	.07067	.12890
#1	.00032	-.00012	-.00082	1.3961	6.2815	23.389	.56699
#2	.00023	-.00113	-.00149	1.4030	6.3028	23.366	.56803
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	81.763	.00173	-.00434	.00357	.00094	-.00013	.00320
SDev	.008	.00064	.00272	.00232	.00064	.00301	.00108
%RSD	.00959	37.230	62.684	65.052	68.707	2299.9	33.686
#1	81.769	.00127	-.00242	.00193	.00048	.00200	.00396
#2	81.758	.00218	-.00627	.00522	.00139	-.00226	.00244
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00565	-.00302	-.00005	-.00158	.00060	.00044	-.00148
SDev	.00571	.00166	.00025	.00175	.00012	.00011	.00249
%RSD	101.03	55.022	525.05	111.23	20.406	24.934	167.88
#1	.00968	-.00185	.00013	-.00034	.00068	.00051	-.00324
#2	.00161	-.00420	-.00023	-.00281	.00051	.00036	.00028
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00069	-.00037
SDev	.00012	.00075
%RSD	17.748	202.46
#1	.00078	.00016
#2	.00061	-.00090
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5572	--	--	--	--	--	--
SDev	41.15341	--	--	--	--	--	--
%RSD	.7385089	--	--	--	--	--	--
#1	5602	--	--	--	--	--	--
#2	5543	--	--	--	--	--	--

Analysis Report 04/04/06 03:02:16 PM page 1

Method: TRACE1 Sample Name: AD614572 Operator: SW
Run Time: 04/04/06 14:57:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.6961	.00264	.14735	.16505	.00085	228.61	.00179
SDev	.4940	.00006	.00889	.00997	.00043	13.90	.00035
%RSD	6.4194	2.4330	6.0345	6.0406	50.182	6.0805	19.748
#1	8.0454	.00260	.15364	.17210	.00115	238.44	.00204
#2	7.3467	.00269	.14107	.15800	.00055	218.78	.00154
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00340	.01032	.01378	11.031	9.2082	38.616	.85840
SDev	.00024	.00035	.00117	.681	.4852	2.304	.05141
%RSD	6.9346	3.3998	8.4778	6.1743	5.2696	5.9653	5.9894
#1	.00323	.01057	.01461	11.513	9.5514	40.245	.89475
#2	.00356	.01007	.01295	10.549	8.8651	36.987	.82204
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	117.31	.00941	.01335	.01246	.01275	-.00281	.00387
SDev	6.56	.00049	.00084	.00065	.00071	.00229	.00344
%RSD	5.5897	5.2368	6.2662	5.2053	5.5751	81.527	88.922
#1	121.95	.00976	.01276	.01200	.01225	-.00444	.00631
#2	112.68	.00906	.01394	.01291	.01326	-.00119	.00144
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00071	-.00387	.27608	-.00173	.01419	.04339	-.00156
SDev	.00158	.00423	.01552	.00103	.00108	.00270	.00167
%RSD	224.26	109.46	5.6221	59.721	7.6298	6.2204	107.11
#1	.00041	-.00686	.28706	-.00100	.01496	.04530	-.00038
#2	-.00183	-.00087	.26511	-.00246	.01343	.04148	-.00274
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00016	.00040
SDev	.00012	.00012
%RSD	74.747	29.117
#1	.00008	.00049
#2	.00025	.00032
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5173	--	--	--	--	--	--
SDev	291.2576	--	--	--	--	--	--
%RSD	5.630124	--	--	--	--	--	--
#1	4967	--	--	--	--	--	--
#2	5379	--	--	--	--	--	--

Analysis Report 04/04/06 03:07:13 PM page 1

Method: TRACE1 Sample Name: A6327202/S Operator: SW
Run Time: 04/04/06 15:02:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.1513	-.00143	.13257	.10231	.00013	213.23	.00152
SDev	.0021	.00148	.00080	.00334	.00000	.18	.00009
%RSD	.09560	103.20	.59961	3.2687	3.4988	.08419	6.0170
#1	2.1499	-.00248	.13313	.10467	.00013	213.10	.00146
#2	2.1528	-.00039	.13201	.09994	.00012	213.36	.00159
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00212	.00349	.00870	5.4324	7.3362	34.764	.76982
SDev	.00001	.00022	.00014	.0038	.0008	.034	.00017
%RSD	.53114	6.3090	1.6183	.07074	.01028	.09766	.02200
#1	.00211	.00365	.00860	5.4297	7.3357	34.740	.76994
#2	.00213	.00334	.00880	5.4351	7.3367	34.788	.76970
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	109.78	.00526	.00919	.01355	.01210	.00568	.00232
SDev	.04	.00041	.00057	.00116	.00097	.00236	.00144
%RSD	.03488	7.7410	6.2594	8.5899	8.0001	41.503	61.924
#1	109.81	.00554	.00960	.01437	.01278	.00734	.00130
#2	109.76	.00497	.00879	.01272	.01141	.00401	.00334
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01296	.00204	.06403	-.00319	.00503	.02651	-.00436
SDev	.00006	.00357	.00549	.00099	.00024	.00004	.00074
%RSD	.50068	175.23	8.5801	31.070	4.6838	.15624	16.908
#1	.01291	.00456	.06015	-.00249	.00487	.02648	-.00384
#2	.01300	-.00049	.06792	-.00389	.00520	.02654	-.00489
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00030	-.00096
SDev	.00006	.00097
%RSD	20.543	101.18
#1	.00035	-.00027
#2	.00026	-.00165
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5603	--	--	--	--	--	--
SDev	15.06158	--	--	--	--	--	--
%RSD	.2687936	--	--	--	--	--	--
#1	5593	--	--	--	--	--	--
#2	5614	--	--	--	--	--	--

Analysis Report 04/04/06 03:12:09 PM page 1

Method: TRACE1 Sample Name: AD614449 Operator: SW
Run Time: 04/04/06 15:07:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.9624	.00528	.21142	.17704	.00056	162.66	.00067
SDev	.0001	.00106	.00154	.00007	.00002	.13	.00028
%RSD	.00093	20.059	.73025	.04243	4.0555	.08122	42.421
#1	8.9624	.00453	.21033	.17710	.00057	162.57	.00087
#2	8.9625	.00603	.21251	.17699	.00054	162.75	.00047
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00464	.01066	.01373	10.526	7.1338	33.344	.78944
SDev	.00031	.00008	.00047	.021	.0032	.024	.00051
%RSD	6.7747	.77348	3.4026	.20419	.04469	.07140	.06429
#1	.00486	.01072	.01340	10.511	7.1361	33.327	.78908
#2	.00442	.01061	.01406	10.541	7.1316	33.360	.78980
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	36.726	.01375	.01359	.01272	.01301	-.00411	.00150
SDev	.113	.00082	.00136	.00169	.00068	.00093	.00082
%RSD	.30676	5.9370	10.018	13.307	5.1912	22.715	55.034
#1	36.806	.01318	.01455	.01152	.01253	-.00345	.00091
#2	36.646	.01433	.01263	.01391	.01349	-.00477	.00208
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00220	-.00506	.32606	-.00080	.01756	.04574	.00050
SDev	.00278	.00001	.00526	.00057	.00005	.00044	.00197
%RSD	126.13	.22169	1.6121	70.848	.29143	.96504	396.74
#1	-.00024	-.00505	.32978	-.00120	.01760	.04543	.00189
#2	-.00417	-.00507	.32235	-.00040	.01753	.04606	-.00089
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00014	.00472
SDev	.00045	.00087
%RSD	315.92	18.383
#1	-.00017	.00411
#2	.00046	.00533
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5472	--	--	--	--	--	--
SDev	16.22789	--	--	--	--	--	--
%RSD	.2965421	--	--	--	--	--	--
#1	5461	--	--	--	--	--	--
#2	5484	--	--	--	--	--	--

Analysis Report 04/04/06 03:17:06 PM page 1

Method: TRACE1 Sample Name: A6327203/T Operator: SW
Run Time: 04/04/06 15:12:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0420	.00307	.20312	.12055	.00008	162.96	.00064
SDev	.0013	.00032	.00043	.00106	.00003	.04	.00007
%RSD	.12430	10.327	.21378	.87712	34.135	.02616	11.830
#1	1.0411	.00285	.20282	.11980	.00010	162.93	.00058
#2	1.0429	.00329	.20343	.12129	.00006	162.99	.00069
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00270	.00188	.00575	3.3137	4.7265	31.706	.74836
SDev	.00011	.00004	.00003	.0038	.0384	.053	.00156
%RSD	3.8949	1.9868	.52639	.11556	.81147	.16568	.20838
#1	.00263	.00191	.00573	3.3110	4.6994	31.669	.74726
#2	.00278	.00186	.00577	3.3164	4.7537	31.743	.74946
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	37.013	.00687	.00631	.01206	.01014	.00414	.00280
SDev	.016	.00060	.00144	.00109	.00025	.00506	.00018
%RSD	.04392	8.7143	22.825	9.0309	2.4296	122.32	6.4382
#1	37.001	.00730	.00529	.01283	.01032	.00056	.00267
#2	37.024	.00645	.00733	.01129	.00997	.00771	.00292
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01279	-.00019	.01501	-.00446	.00394	.02359	-.00210
SDev	.00470	.00524	.00131	.00112	.00015	.00012	.00113
%RSD	36.761	2726.6	8.7003	24.990	3.7533	.48893	53.956
#1	.00947	-.00390	.01593	-.00525	.00383	.02351	-.00290
#2	.01612	.00351	.01409	-.00367	.00404	.02367	-.00130
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00055	-.00033
SDev	.00033	.00004
%RSD	58.779	12.648
#1	.00079	-.00036
#2	.00032	-.00030
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5615	--	--	--	--	--	--
SDev	27.36517	--	--	--	--	--	--
%RSD	.4873497	--	--	--	--	--	--
#1	5634	--	--	--	--	--	--
#2	5596	--	--	--	--	--	--

Analysis Report 04/04/06 03:30:56 PM page 1

Method: TRACE1 Sample Name: AD614573 Operator: SW
Run Time: 04/04/06 15:26:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	17.487	.01034	.22236	.27934	.00098	206.30	.00385
SDev	.065	.00027	.00136	.00088	.00002	.04	.00012
%RSD	.36940	2.6076	.60985	.31413	2.4348	.02027	3.1155
#1	17.532	.01015	.22140	.27996	.00100	206.33	.00394
#2	17.441	.01053	.22332	.27872	.00097	206.27	.00377
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01140	.02328	.03358	25.699	9.3851	46.635	1.2012
SDev	.00044	.00005	.00045	.054	.0444	.065	.0003
%RSD	3.8831	.21855	1.3393	.21057	.47351	.13970	.02436
#1	.01171	.02332	.03326	25.737	9.4165	46.681	1.2009
#2	.01108	.02325	.03390	25.661	9.3537	46.589	1.2014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	36.836	.03095	.02521	.02662	.02615	-.00059	.00258
SDev	.094	.00014	.00069	.00151	.00077	.00125	.00129
%RSD	.25624	.45075	2.7477	5.6647	2.9645	210.37	50.016
#1	36.903	.03085	.02472	.02769	.02670	-.00148	.00350
#2	36.769	.03105	.02570	.02556	.02561	.00029	.00167
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00071	-.00053	.45347	-.00012	.03589	.12284	.00004
SDev	.00498	.00062	.00111	.00102	.00018	.00049	.00136
%RSD	701.75	116.27	.24381	859.78	.49859	.39509	3423.0
#1	-.00424	-.00010	.45425	-.00084	.03602	.12318	.00100
#2	.00281	-.00097	.45269	.00061	.03576	.12250	-.00092
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00063	.00505
SDev	.00023	.00136
%RSD	36.908	26.899
#1	.00080	.00409
#2	.00047	.00601
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5525	--	--	--	--	--	--
SDev	27.04684	--	--	--	--	--	--
%RSD	.4895598	--	--	--	--	--	--
#1	5506	--	--	--	--	--	--
#2	5544	--	--	--	--	--	--

Analysis Report 04/04/06 03:35:53 PM page 1

Method: TRACE1 Sample Name: A6327203/S Operator: SW
Run Time: 04/04/06 15:31:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.6779	.00136	.20124	.15085	.00025	199.42	.00380
SDev	.0517	.00044	.00057	.00273	.00001	.69	.00021
%RSD	1.4052	32.406	.28490	1.8110	4.0885	.34665	5.5305
#1	3.6413	.00105	.20084	.14892	.00026	198.93	.00365
#2	3.7144	.00167	.20165	.15279	.00024	199.91	.00395
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00608	.00591	.01685	8.6517	5.4996	41.176	1.0607
SDev	.00022	.00014	.00048	.0655	.0507	.138	.0044
%RSD	3.6155	2.3093	2.8561	.75726	.92269	.33498	.41413
#1	.00592	.00601	.01651	8.6053	5.4638	41.079	1.0576
#2	.00623	.00582	.01719	8.6980	5.5355	41.274	1.0638
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	35.811	.01375	.01877	.02308	.02164	.00517	.00116
SDev	.144	.00058	.00173	.00071	.00105	.00308	.00246
%RSD	.40073	4.2291	9.1966	3.0704	4.8394	59.500	212.47
#1	35.709	.01334	.01999	.02358	.02238	.00734	.00290
#2	35.912	.01416	.01755	.02258	.02090	.00299	-.00058
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01487	.00032	.09213	-.00417	.01127	.07466	-.00451
SDev	.01105	.00091	.00017	.00127	.00017	.00019	.00037
%RSD	74.332	285.46	.18903	30.552	1.5206	.24861	8.1436
#1	.02268	-.00033	.09226	-.00507	.01114	.07453	-.00477
#2	.00705	.00096	.09201	-.00327	.01139	.07479	-.00425
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00030	-.00097
SDev	.00009	.00086
%RSD	31.012	89.468
#1	.00024	-.00158
#2	.00037	-.00035
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5626	--	--	--	--	--	--
SDev	22.27386	--	--	--	--	--	--
%RSD	.3958742	--	--	--	--	--	--
#1	5642	--	--	--	--	--	--
#2	5611	--	--	--	--	--	--

Analysis Report 04/04/06 03:40:49 PM page 1

Method: TRACE1 Sample Name: AD614639/(1:20) Operator: SW
Run Time: 04/04/06 15:35:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01926	-.00005	.22782	.00305	.00026	130.34	-.00013
SDev	.00349	.00123	.00035	.00000	.00001	.01	.00001
%RSD	18.143	2511.3	.15470	.00660	3.9217	.00600	5.4835
#1	.02174	-.00092	.22758	.00305	.00026	130.33	-.00013
#2	.01679	.00082	.22807	.00305	.00025	130.34	-.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00008	.00055	-.00032	.00340	2.1743	74.051	.07512
SDev	.00030	.00040	.00006	.00725	.0091	.140	.00007
%RSD	383.16	72.262	17.458	213.46	.41778	.18907	.08843
#1	.00014	.00083	-.00037	.00852	2.1808	73.952	.07517
#2	-.00029	.00027	-.00028	-.00173	2.1679	74.150	.07508
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	296.76	.00102	.00051	.00136	.00108	-.00265	.00156
SDev	.28	.00031	.00012	.00086	.00061	.00426	.00109
%RSD	.09542	30.148	23.403	63.225	56.905	160.55	70.226
#1	296.96	.00124	.00043	.00075	.00064	.00036	.00233
#2	296.56	.00080	.00060	.00197	.00151	-.00566	.00078
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00016	-.00390	.00057	.00059	.00001	.00108	-.00034
SDev	.00519	.00379	.00014	.00033	.00000	.00011	.00061
%RSD	3238.1	97.221	24.552	55.895	13.700	10.418	179.72
#1	.00351	-.00122	.00047	.00036	.00001	.00100	.00009
#2	-.00383	-.00657	.00067	.00083	.00001	.00116	-.00077
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00021	-.00063
SDev	.00034	.00061
%RSD	161.22	96.726
#1	-.00003	-.00105
#2	.00046	-.00020
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5288	--	--	--	--	--	--
SDev	25.13751	--	--	--	--	--	--
%RSD	.4753936	--	--	--	--	--	--
#1	5270	--	--	--	--	--	--
#2	5306	--	--	--	--	--	--

Analysis Report QC Standard 04/04/06 03:47:05 PM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 04/04/06 15:42:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.733	.48990	.47455	.48217	.49598	25.197	.49774
SDev	.031	.00075	.00169	.00051	.00030	.026	.00082
%RSD	.12650	.15369	.35544	.10631	.06085	.10445	.16438
#1	24.755	.48937	.47574	.48253	.49619	25.178	.49716
#2	24.710	.49043	.47336	.48181	.49577	25.215	.49832
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49311	.49597	.51413	25.008	23.424	25.157	.49917
SDev	.00081	.00027	.00082	.038	.054	.009	.00040
%RSD	.16444	.05467	.15944	.15031	.23227	.03603	.08071
#1	.49253	.49616	.51471	24.981	23.462	25.163	.49889
#2	.49368	.49578	.51355	25.035	23.385	25.150	.49946
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.950	.49928	.50150	.49493	.49712	.50639	.49539
SDev	.033	.00052	.00068	.00071	.00025	.00186	.00186
%RSD	.13287	.10467	.13583	.14342	.04961	.36750	.37606
#1	24.973	.49965	.50102	.49544	.49729	.50770	.49408
#2	24.926	.49891	.50198	.49443	.49695	.50507	.49671
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50731	.50593	.51552	.50945	.49416	.49406	.50762
SDev	.00339	.00449	.00074	.00016	.00008	.00112	.00013
%RSD	.66755	.88645	.14400	.03244	.01658	.22645	.02480
#1	.50492	.50910	.51605	.50957	.49422	.49327	.50770
#2	.50971	.50276	.51500	.50934	.49410	.49486	.50753
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.48870	.49462
SDev	.00007	.00028
%RSD	.01500	.05573
#1	.48876	.49481
#2	.48865	.49442
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5522	--	--	--	--	--	--
SDev	18.13722	--	--	--	--	--	--
%RSD	.3284256	--	--	--	--	--	--
#1	5510	--	--	--	--	--	--
#2	5535	--	--	--	--	--	--

Analysis Report Blank Sample 04/04/06 03:52:01 PM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 04/04/06 15:47:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05461	.00308	.00139	.00022	.00019	.06325	-.00002
SDev	.00144	.00084	.00042	.00005	.00000	.00006	.00008
%RSD	2.6329	27.173	29.852	20.731	.67507	.08814	384.55
#1	.05562	.00368	.00169	.00025	.00019	.06321	-.00008
#2	.05359	.00249	.00110	.00018	.00019	.06329	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00007	.00030	.00012	.02732	.18702	.05407	.00017
SDev	.00005	.00000	.00008	.00618	.01636	.00233	.00000
%RSD	74.096	.16868	72.438	22.622	8.7458	4.3165	.08492
#1	-.00003	.00030	.00017	.02295	.17546	.05242	.00017
#2	-.00011	.00030	.00006	.03169	.19859	.05572	.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01309	.00056	.00381	-.00131	.00040	-.00153	.00274
SDev	.00298	.00040	.00071	.00127	.00061	.00057	.00180
%RSD	22.767	71.349	18.539	96.882	153.42	37.232	65.696
#1	-.01520	.00028	.00331	-.00041	.00083	-.00113	.00401
#2	-.01098	.00085	.00431	-.00220	-.00003	-.00193	.00147
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00179	-.00140	.00011	-.00151	-.00037	.00014	-.00083
SDev	.00527	.00178	.00024	.00175	.00000	.00023	.00038
%RSD	293.71	127.58	225.01	115.60	.04668	160.61	46.242
#1	.00193	-.00266	.00027	-.00275	-.00037	-.00002	-.00110
#2	-.00552	-.00014	-.00006	-.00028	-.00037	.00030	-.00056
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00061	-.00020
SDev	.00006	.00113
%RSD	10.795	577.48
#1	.00056	.00060
#2	.00065	-.00099
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5557	--	--	--	--	--	--
SDev	5.091307	--	--	--	--	--	--
%RSD	.0916164	--	--	--	--	--	--
#1	5554	--	--	--	--	--	--
#2	5561	--	--	--	--	--	--

Analysis Report 04/04/06 03:56:57 PM page 1

Method: TRACE1 Sample Name: AD615204/PB Operator: SW
Run Time: 04/04/06 15:52:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02052	-.00042	.00533	.00015	-.00008	.05025	-.00004
SDev	.00191	.00149	.00094	.00006	.00002	.00020	.00045
%RSD	9.2957	357.34	17.605	41.958	30.802	.39985	1082.6
#1	.01917	.00064	.00467	.00010	-.00006	.05040	-.00036
#2	.02187	-.00147	.00600	.00019	-.00010	.05011	.00027
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00006	.00004	.00008	.01808	-.00770	.00435	.00001
SDev	.00012	.00015	.00003	.00702	.00501	.00068	.00000
%RSD	179.88	400.44	30.902	38.840	65.085	15.698	7.8118
#1	-.00015	.00014	.00010	.01311	-.00416	.00387	.00001
#2	.00002	-.00007	.00006	.02305	-.01125	.00483	.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01958	.00052	-.00089	.00269	.00149	-.00325	.00179
SDev	.02999	.00059	.00127	.00195	.00087	.00016	.00327
%RSD	153.16	113.92	142.45	72.452	58.498	4.9419	182.17
#1	-.00163	.00010	.00001	.00131	.00088	-.00337	.00410
#2	.04079	.00094	-.00180	.00406	.00211	-.00314	-.00052
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00993	.00009	.00044	.00073	-.00027	.00135	-.00122
SDev	.00873	.00461	.00039	.00198	.00064	.00035	.00174
%RSD	87.901	5376.8	88.798	269.18	234.71	25.818	142.36
#1	-.00376	-.00317	.00016	.00213	-.00073	.00111	-.00245
#2	-.01611	.00334	.00072	-.00066	.00018	.00160	.00001
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00040	-.00135
SDev	.00011	.00073
%RSD	28.474	54.002
#1	.00032	-.00084
#2	.00048	-.00187
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5521	--	--	--	--	--	--
SDev	25.13785	--	--	--	--	--	--
%RSD	.4553031	--	--	--	--	--	--
#1	5539	--	--	--	--	--	--
#2	5503	--	--	--	--	--	--

Analysis Report 04/04/06 04:01:54 PM page 1

Method: TRACE1 Sample Name: AD615203/FB Operator: SW
Run Time: 04/04/06 15:57:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.6557	.19906	.19249	.20055	.19741	9.7940	.19796
SDev	.0008	.00015	.00214	.00001	.00028	.0006	.00022
%RSD	.00814	.07590	1.1106	.00413	.14377	.00611	.11204
#1	9.6562	.19917	.19097	.20054	.19721	9.7936	.19781
#2	9.6551	.19895	.19400	.20055	.19761	9.7944	.19812
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19821	.19774	.19869	9.8965	9.4679	9.9123	.19466
SDev	.00036	.00027	.00054	.0126	.0382	.0021	.00006
%RSD	.17965	.13686	.27250	.12780	.40368	.02079	.02863
#1	.19796	.19755	.19831	9.8875	9.4408	9.9109	.19470
#2	.19846	.19793	.19907	9.9054	9.4949	9.9138	.19462
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.037	.19829	.20258	.20136	.20176	.19849	.19791
SDev	.049	.00014	.00185	.00012	.00054	.00414	.00243
%RSD	.48419	.07103	.91227	.05835	.26617	2.0860	1.2279
#1	10.003	.19839	.20127	.20144	.20138	.19556	.19620
#2	10.072	.19819	.20388	.20127	.20214	.20142	.19963
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	11.500	.23000			.23000	.23000	.23000
Low	8.5000	.17000			.17000	.17000	.17000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19874	.19837	.19989	.20281	.19574	.19921	.20030
SDev	.00279	.00482	.00010	.00040	.00032	.00003	.00197
%RSD	1.4014	2.4289	.04943	.19953	.16557	.01495	.98563
#1	.19677	.19496	.19982	.20310	.19551	.19923	.19890
#2	.20071	.20177	.19996	.20252	.19597	.19918	.20169
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.23000	.23000	.23000	.23000	.23000
Low			.17000	.17000	.17000	.17000	.17000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05013	.19387
SDev	.00006	.00320
%RSD	.11120	1.6528
#1	.05017	.19160
#2	.05009	.19613
Errors	LC Pass	NOCHECK
High	.05750	
Low	.04250	

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5533	--	--	--	--	--	--
SDev	19.83421	--	--	--	--	--	--
%RSD	.3584825	--	--	--	--	--	--
#1	5519	--	--	--	--	--	--
#2	5547	--	--	--	--	--	--

Analysis Report 04/04/06 04:06:50 PM page 1

Method: TRACE1 Sample Name: AD615194 Operator: SW
Run Time: 04/04/06 16:01:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2185	.00140	.01268	.10558	.00010	60.245	-.00008
SDev	.0013	.00179	.00070	.00001	.00003	.012	.00020
%RSD	.10758	128.05	5.5454	.01209	28.646	.01958	238.20
#1	1.2175	.00267	.01219	.10557	.00013	60.253	-.00022
#2	1.2194	.00013	.01318	.10559	.00008	60.237	.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00297	.00189	.00175	10.681	1.2316	14.628	.69255
SDev	.00003	.00066	.00026	.008	.0096	.004	.00005
%RSD	1.0384	34.972	14.657	.07137	.77871	.02701	.00722
#1	.00295	.00236	.00194	10.686	1.2248	14.626	.69258
#2	.00300	.00142	.00157	10.675	1.2383	14.631	.69251
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	60.627	.00434	.00365	.00050	.00155	-.00252	.00257
SDev	.034	.00027	.00203	.00150	.00168	.00103	.00064
%RSD	.05598	6.3259	55.434	302.18	108.21	40.713	24.847
#1	60.603	.00414	.00509	.00156	.00273	-.00324	.00303
#2	60.650	.00453	.00222	-.00056	.00036	-.00179	.00212
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00067	-.00411	.04144	-.00207	.00264	.00759	-.00046
SDev	.00385	.00346	.00078	.00189	.00001	.00009	.00212
%RSD	578.17	84.202	1.8800	91.458	.36055	1.2098	465.41
#1	.00339	-.00656	.04089	-.00341	.00265	.00753	.00105
#2	-.00205	-.00166	.04199	-.00073	.00263	.00766	-.00196
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00039	.00003
SDev	.00014	.00143
%RSD	36.062	4868.2
#1	.00029	.00104
#2	.00048	-.00098
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5524	--	--	--	--	--	--
SDev	16.44023	--	--	--	--	--	--
%RSD	.2976160	--	--	--	--	--	--
#1	5512	--	--	--	--	--	--
#2	5536	--	--	--	--	--	--

Analysis Report 04/04/06 04:11:46 PM page 1

Method: TRACE1 Sample Name: AD615195 Operator: SW
Run Time: 04/04/06 16:06:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03583	.00144	.03067	.87400	.00032	186.59	-.00021
SDev	.00188	.00091	.00026	.00046	.00002	.22	.00007
%RSD	5.2501	63.358	.85085	.05281	4.9362	.11810	32.456
#1	.03450	.00209	.03048	.87433	.00034	186.75	-.00025
#2	.03716	.00080	.03085	.87368	.00031	186.44	-.00016
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00091	.00107	-.00043	90.353	3.3293	39.561	.38493
SDev	.00024	.00000	.00062	.103	.0098	.052	.00016
%RSD	26.571	.00601	144.12	.11421	.29372	.13039	.04081
#1	.00108	.00107	.00001	90.426	3.3362	39.597	.38504
#2	.00074	.00107	-.00087	90.280	3.3224	39.524	.38482
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.2760	.00084	-.00114	.00097	.00027	-.00177	.00305
SDev	.0580	.00059	.00128	.00109	.00030	.00366	.00482
%RSD	.92471	69.312	111.91	112.90	114.30	207.10	158.08
#1	6.3170	.00126	-.00205	.00174	.00048	-.00436	.00646
#2	6.2349	.00043	-.00024	.00020	.00005	.00082	-.00036
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00288	-.00121	.00082	-.00324	-.00024	.00222	.00147
SDev	.00320	.00389	.00020	.00112	.00000	.00000	.00078
%RSD	110.98	321.41	24.729	34.580	1.0557	.19252	53.021
#1	-.00514	-.00397	.00096	-.00404	-.00025	.00223	.00202
#2	-.00062	.00154	.00068	-.00245	-.00024	.00222	.00092
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00051	-.00055
SDev	.00028	.00048
%RSD	55.870	86.193
#1	.00071	-.00089
#2	.00031	-.00022
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5480	--	--	--	--	--	--
SDev	.2123392	--	--	--	--	--	--
%RSD	.0038746	--	--	--	--	--	--
#1	5480	--	--	--	--	--	--
#2	5480	--	--	--	--	--	--

Analysis Report 04/04/06 04:16:42 PM page 1

Method: TRACE1 Sample Name: AD615196 Operator: SW
Run Time: 04/04/06 16:11:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02948	.00430	.03251	.91664	.00028	204.46	-.00021
SDev	.00352	.00075	.00125	.00100	.00004	.02	.00019
%RSD	11.957	17.452	3.8495	.10867	13.432	.00768	90.636
#1	.03197	.00483	.03162	.91593	.00031	204.44	-.00007
#2	.02698	.00377	.03339	.91734	.00026	204.47	-.00034
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00079	.00526	.00027	96.104	3.5382	37.598	.42614
SDev	.00004	.00013	.00010	.042	.0003	.017	.00000
%RSD	5.0536	2.4506	36.531	.04385	.00777	.04498	.00095
#1	.00076	.00517	.00020	96.133	3.5380	37.610	.42613
#2	.00082	.00535	.00034	96.074	3.5384	37.586	.42614
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.0249	.00031	.00256	.00313	.00294	-.00113	.00201
SDev	.1450	.00004	.00083	.00043	.00056	.00020	.00083
%RSD	1.8068	14.041	32.245	13.835	19.179	17.455	41.090
#1	7.9224	.00028	.00315	.00343	.00334	-.00126	.00143
#2	8.1274	.00034	.00198	.00282	.00254	-.00099	.00259
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00056	-.00197	.00068	-.00274	-.00044	.00302	.00046
SDev	.00285	.00172	.00008	.00020	.00013	.00035	.00238
%RSD	509.85	87.395	11.586	7.1776	28.778	11.586	522.65
#1	.00257	-.00318	.00073	-.00288	-.00052	.00326	.00214
#2	-.00146	-.00075	.00062	-.00260	-.00035	.00277	-.00123
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00023	-.00037
SDev	.00047	.00011
%RSD	203.77	29.763
#1	.00056	-.00045
#2	-.00010	-.00030
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5387	--	--	--	--	--	--
SDev	21.42554	--	--	--	--	--	--
%RSD	.3976973	--	--	--	--	--	--
#1	5372	--	--	--	--	--	--
#2	5403	--	--	--	--	--	--

Analysis Report 04/04/06 04:21:38 PM page 1

Method: TRACE1 Sample Name: AD615197 Operator: SW
Run Time: 04/04/06 16:16:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06451	.00008	.05209	.85031	.00033	172.56	-.00021
SDev	.00188	.00073	.00059	.00750	.00005	1.33	.00011
%RSD	2.9163	948.23	1.1249	.88208	13.998	.77120	51.918
#1	.06584	.00059	.05251	.85562	.00037	173.50	-.00029
#2	.06318	-.00044	.05168	.84501	.00030	171.62	-.00013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00063	.00537	-.00057	92.103	4.4704	34.457	.20606
SDev	.00031	.00007	.00055	.681	.0556	.271	.00169
%RSD	49.230	1.3075	95.486	.73956	1.2434	.78517	.82180
#1	.00041	.00541	-.00096	92.584	4.5097	34.648	.20726
#2	.00085	.00532	-.00019	91.621	4.4311	34.265	.20486
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.8054	.00074	-.00046	.00168	.00097	-.00123	.00438
SDev	.0701	.00112	.00057	.00004	.00022	.00097	.00074
%RSD	.71442	150.77	124.67	2.5159	22.495	79.127	16.869
#1	9.7559	.00153	-.00005	.00171	.00113	-.00191	.00386
#2	9.8550	-.00005	-.00086	.00165	.00082	-.00054	.00491
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00460	.00046	.00210	-.00146	.00011	.00236	-.00098
SDev	.00226	.00258	.00006	.00095	.00001	.00010	.00158
%RSD	49.066	561.42	2.9239	65.354	6.7737	4.2208	161.57
#1	-.00300	-.00137	.00215	-.00213	.00011	.00229	.00014
#2	-.00619	.00229	.00206	-.00078	.00010	.00243	-.00209
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00004	-.00132
SDev	.00006	.00067
%RSD	143.88	50.962
#1	.00000	-.00084
#2	-.00008	-.00179
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5427	--	--	--	--	--	--
SDev	51.44202	--	--	--	--	--	--
%RSD	.9478250	--	--	--	--	--	--
#1	5391	--	--	--	--	--	--
#2	5464	--	--	--	--	--	--

Analysis Report 04/04/06 04:26:35 PM page 1

Method: TRACE1 Sample Name: AD615198 Operator: SW
Run Time: 04/04/06 16:21:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07921	-.00074	.01790	.09231	.00017	155.78	-.00018
SDev	.00149	.00020	.00072	.00012	.00000	.42	.00002
%RSD	1.8777	27.113	4.0417	.13085	1.1009	.26759	11.420
#1	.08027	-.00088	.01842	.09223	.00017	155.49	-.00019
#2	.07816	-.00060	.01739	.09240	.00017	156.08	-.00016
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00038	.00080	-.00030	21.995	14.781	30.281	.79863
SDev	.00030	.00012	.00014	.019	.100	.069	.00252
%RSD	78.228	14.705	47.651	.08465	.67688	.22915	.31523
#1	.00017	.00072	-.00020	21.982	14.710	30.232	.79685
#2	.00059	.00088	-.00040	22.008	14.852	30.330	.80041
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	14.548	.00074	.00247	-.00065	.00039	-.00690	.00406
SDev	.038	.00009	.00146	.00122	.00032	.00066	.00047
%RSD	.26178	12.133	59.028	188.29	82.755	9.5390	11.709
#1	14.575	.00081	.00144	.00021	.00062	-.00643	.00372
#2	14.521	.00068	.00351	-.00151	.00016	-.00736	.00439
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00593	-.00738	.00047	-.00023	-.00032	.00267	-.00073
SDev	.00450	.00324	.00002	.00208	.00000	.00001	.00020
%RSD	75.911	43.897	4.2112	915.67	.09322	.17126	27.011
#1	-.00912	-.00509	.00049	.00124	-.00032	.00267	-.00087
#2	-.00275	-.00967	.00046	-.00170	-.00032	.00267	-.00059
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00037	-.00010
SDev	.00009	.00096
%RSD	25.437	983.58
#1	.00043	-.00078
#2	.00030	.00058
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5481	--	--	--	--	--	--
SDev	10.71260	--	--	--	--	--	--
%RSD	.1954417	--	--	--	--	--	--
#1	5489	--	--	--	--	--	--
#2	5474	--	--	--	--	--	--

Analysis Report 04/04/06 04:31:31 PM page 1

Method: TRACE1 Sample Name: AD615199 Operator: SW
Run Time: 04/04/06 16:26:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.31176	.00112	.06004	.03640	.00001	44.745	.00006
SDev	.00020	.00038	.00102	.00009	.00003	.055	.00013
%RSD	.06468	33.833	1.7006	.24331	362.72	.12281	207.18
#1	.31161	.00086	.05932	.03633	.00003	44.783	.00015
#2	.31190	.00139	.06076	.03646	-.00001	44.706	-.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00196	.00149	.06361	2.4830	2.3037	10.086	.10681
SDev	.00004	.00009	.00013	.0001	.0117	.010	.00005
%RSD	1.8616	6.3211	.19653	.00312	.50868	.09867	.04573
#1	.00199	.00156	.06352	2.4831	2.3120	10.093	.10677
#2	.00194	.00142	.06370	2.4830	2.2954	10.079	.10684
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	52.246	.09665	.00961	.01082	.01042	-.00252	.00269
SDev	.060	.00011	.00043	.00177	.00132	.00470	.00124
%RSD	.11447	.10829	4.5040	16.315	12.687	186.79	46.101
#1	52.203	.09673	.00930	.00957	.00948	.00081	.00182
#2	52.288	.09658	.00991	.01207	.01135	-.00584	.00357
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00517	-.00119	.00347	-.00031	.07751	1.5407	.00088
SDev	.00107	.00758	.00015	.00078	.00048	.0001	.00038
%RSD	20.784	638.15	4.3977	248.63	.61925	.00834	43.514
#1	-.00593	.00417	.00337	.00024	.07717	1.5408	.00115
#2	-.00441	-.00655	.00358	-.00086	.07785	1.5406	.00061
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00040	.23533
SDev	.00000	.00174
%RSD	.17150	.73987
#1	-.00040	.23410
#2	-.00040	.23656
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5470	--	--	--	--	--	--
SDev	15.48592	--	--	--	--	--	--
%RSD	.2830960	--	--	--	--	--	--
#1	5481	--	--	--	--	--	--
#2	5459	--	--	--	--	--	--

Analysis Report 04/04/06 04:36:27 PM page 1

Method: TRACE1 Sample Name: AD615199/L (1:5) Operator: SW
Run Time: 04/04/06 16:31:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07767	.00159	.01312	.00772	-.00007	9.0269	-.00025
SDev	.00083	.00325	.00054	.00002	.00000	.0612	.00009
%RSD	1.0731	204.62	4.1230	.22533	6.4419	.67784	36.207
#1	.07708	-.00071	.01351	.00770	-.00008	8.9836	-.00018
#2	.07825	.00389	.01274	.00773	-.00007	9.0702	-.00031
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	.00015	.01215	.50204	.43012	2.0271	.02125
SDev	.00048	.00002	.00033	.00622	.00487	.0090	.00008
%RSD	142.31	11.273	2.6995	1.2381	1.1315	.44554	.36947
#1	-.00000	.00016	.01238	.49764	.43356	2.0207	.02119
#2	.00068	.00014	.01192	.50643	.42667	2.0335	.02130
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.178	.01958	.00370	.00123	.00205	-.00284	.00523
SDev	.086	.00011	.00173	.00102	.00010	.00125	.00311
%RSD	.84074	.58244	46.875	82.862	4.8826	44.193	59.477
#1	10.239	.01950	.00247	.00194	.00212	-.00372	.00743
#2	10.118	.01966	.00493	.00051	.00198	-.00195	.00303
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00214	-.00533	.00083	-.00118	.01516	.31173	-.00012
SDev	.00002	.00187	.00001	.00057	.00023	.00191	.00058
%RSD	.91117	35.118	1.1400	47.895	1.5443	.61311	466.50
#1	.00213	-.00665	.00083	-.00078	.01499	.31037	-.00053
#2	.00216	-.00400	.00084	-.00158	.01532	.31308	.00028
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00040	.04542
SDev	.00035	.00198
%RSD	89.523	4.3611
#1	-.00065	.04402
#2	-.00015	.04682
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5502	--	--	--	--	--	--
SDev	8.697275	--	--	--	--	--	--
%RSD	.1580791	--	--	--	--	--	--
#1	5496	--	--	--	--	--	--
#2	5508	--	--	--	--	--	--

Analysis Report 04/04/06 04:41:24 PM page 1

Method: TRACE1 Sample Name: AD615199/PS Operator: SW
Run Time: 04/04/06 16:36:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.098	.20677	.25552	.23811	.20284	53.628	.20281
SDev	.007	.00142	.00047	.00030	.00061	.025	.00028
%RSD	.06673	.68444	.18308	.12491	.30067	.04745	.13948
#1	10.103	.20577	.25519	.23790	.20241	53.610	.20301
#2	10.094	.20777	.25585	.23832	.20327	53.646	.20261
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20046	.20429	.27257	12.672	12.506	20.041	.30225
SDev	.00002	.00022	.00040	.006	.074	.010	.00038
%RSD	.01131	.10872	.14500	.05104	.58941	.04955	.12438
#1	.20047	.20444	.27285	12.677	12.454	20.034	.30198
#2	.20044	.20413	.27229	12.667	12.558	20.048	.30251
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	61.421	.29689	.21364	.20858	.21027	.20728	.20363
SDev	.232	.00024	.00066	.00083	.00033	.00211	.00019
%RSD	.37758	.08225	.31080	.39780	.15805	1.0186	.09532
#1	61.585	.29707	.21411	.20800	.21003	.20877	.20377
#2	61.257	.29672	.21317	.20917	.21050	.20579	.20350
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21136	.20524	.20647	.20599	.27834	1.6949	.20817
SDev	.00589	.00022	.00020	.00141	.00030	.0052	.00084
%RSD	2.7870	.10811	.09626	.68365	.10595	.30494	.40277
#1	.21552	.20540	.20661	.20499	.27813	1.6913	.20876
#2	.20719	.20509	.20633	.20698	.27855	1.6986	.20757
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05029	.43189
SDev	.00012	.00373
%RSD	.22802	.86262
#1	.05037	.42926
#2	.05021	.43452
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5539	--	--	--	--	--	--
SDev	6.894291	--	--	--	--	--	--
%RSD	.1244788	--	--	--	--	--	--
#1	5534	--	--	--	--	--	--
#2	5543	--	--	--	--	--	--

Analysis Report QC Standard 04/04/06 04:47:40 PM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 04/04/06 16:42:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.797	.48878	.47727	.48509	.50023	25.202	.49713
SDev	.003	.00403	.00044	.00017	.00064	.024	.00026
%RSD	.01319	.82359	.09236	.03614	.12724	.09560	.05273
#1	24.800	.48594	.47759	.48497	.49978	25.185	.49731
#2	24.795	.49163	.47696	.48522	.50068	25.219	.49694
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49301	.49841	.51255	25.027	23.946	25.187	.50089
SDev	.00037	.00064	.00012	.031	.055	.018	.00040
%RSD	.07458	.12781	.02372	.12375	.23115	.07109	.08014
#1	.49275	.49795	.51246	25.005	23.985	25.174	.50061
#2	.49327	.49886	.51263	25.049	23.907	25.199	.50118
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.960	.49982	.50422	.49445	.49771	.50305	.49713
SDev	.093	.00030	.00187	.00185	.00186	.00008	.00097
%RSD	.37384	.05965	.37186	.37322	.37276	.01663	.19457
#1	24.894	.49961	.50289	.49315	.49639	.50311	.49645
#2	25.026	.50003	.50554	.49576	.49902	.50299	.49782
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50858	.50029	.51506	.50848	.49770	.49882	.50857
SDev	.00750	.00362	.00069	.00129	.00101	.00082	.00098
%RSD	1.4743	.72428	.13400	.25288	.20320	.16389	.19341
#1	.51388	.49773	.51457	.50757	.49698	.49940	.50927
#2	.50328	.50285	.51555	.50938	.49841	.49824	.50788
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.48668	.50011
SDev	.00038	.00141
%RSD	.07910	.28202
#1	.48640	.50111
#2	.48695	.49911
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5514	--	--	--	--	--	--
SDev	.2119939	--	--	--	--	--	--
%RSD	.0038450	--	--	--	--	--	--
#1	5513	--	--	--	--	--	--
#2	5514	--	--	--	--	--	--

Analysis Report Blank Sample 04/04/06 04:52:36 PM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 04/04/06 16:47:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01629	.00003	.00232	.00027	.00003	.04988	.00002
SDev	.00301	.00141	.00098	.00001	.00004	.00054	.00024
%RSD	18.472	5362.7	42.098	5.4145	128.96	1.0891	1125.0
#1	.01842	-.00097	.00163	.00028	.00006	.04949	.00019
#2	.01416	.00102	.00301	.00026	.00000	.05026	-.00015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00014	.00026	-.00049	.01923	.12808	.02913	.00010
SDev	.00020	.00020	.00023	.00076	.00958	.00158	.00006
%RSD	146.61	75.793	45.988	3.9451	7.4802	5.4168	58.959
#1	.00028	.00012	-.00065	.01976	.13486	.02801	.00006
#2	-.00001	.00040	-.00033	.01869	.12131	.03024	.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05571	.00061	-.00125	.00249	.00125	-.00170	.00084
SDev	.05877	.00037	.00163	.00102	.00122	.00235	.00018
%RSD	105.48	60.411	130.72	40.705	97.862	137.80	21.359
#1	.01416	.00035	-.00240	.00178	.00038	-.00004	.00097
#2	.09727	.00088	-.00009	.00321	.00211	-.00336	.00072
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00317	-.00097	.00038	-.00135	.00009	.00219	.00057
SDev	.00547	.00079	.00005	.00164	.00039	.00012	.00078
%RSD	172.43	81.164	12.833	121.60	425.65	5.4103	135.32
#1	.00070	-.00041	.00042	-.00251	.00037	.00210	.00113
#2	-.00704	-.00153	.00035	-.00019	-.00018	.00227	.00002
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00022	-.00038
SDev	.00009	.00004
%RSD	39.809	9.3559
#1	.00029	-.00035
#2	.00016	-.00040
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5458	--	--	--	--	--	--
SDev	6.788294	--	--	--	--	--	--
%RSD	.1243824	--	--	--	--	--	--
#1	5462	--	--	--	--	--	--
#2	5453	--	--	--	--	--	--

Analysis Report 04/04/06 04:57:32 PM page 1

Method: TRACE1 Sample Name: AD615200/MS Operator: SW
Run Time: 04/04/06 16:52:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.085	.20312	.25123	.23820	.20078	54.195	.19808
SDev	.117	.00028	.00432	.00309	.00300	.593	.00176
%RSD	1.1614	.13624	1.7196	1.2982	1.4940	1.0941	.88864
#1	10.003	.20292	.24818	.23601	.19866	53.775	.19684
#2	10.168	.20331	.25429	.24039	.20290	54.614	.19933
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20101	.20104	.26525	12.474	12.273	19.975	.30403
SDev	.00161	.00247	.00185	.140	.213	.219	.00324
%RSD	.79883	1.2299	.69716	1.1254	1.7387	1.0988	1.0671
#1	.19988	.19929	.26394	12.375	12.123	19.820	.30173
#2	.20215	.20279	.26656	12.574	12.424	20.130	.30632
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	62.341	.29473	.21256	.20987	.21076	.20652	.20479
SDev	.487	.00373	.00242	.00230	.00234	.00069	.00534
%RSD	.78084	1.2660	1.1382	1.0974	1.1111	.33579	2.6095
#1	61.997	.29209	.21084	.20824	.20911	.20701	.20101
#2	62.685	.29736	.21427	.21150	.21242	.20603	.20857
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20729	.20613	.20513	.19463	.27761	1.7169	.19664
SDev	.00836	.00314	.00212	.00386	.00386	.0291	.00148
%RSD	4.0316	1.5225	1.0348	1.9830	1.3894	1.6946	.75130
#1	.21320	.20391	.20362	.19190	.27488	1.6963	.19559
#2	.20138	.20835	.20663	.19736	.28034	1.7375	.19768
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05040	.43219
SDev	.00056	.00729
%RSD	1.1215	1.6857
#1	.05000	.42703
#2	.05080	.43734
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5461	--	--	--	--	--	--
SDev	29.80448	--	--	--	--	--	--
%RSD	.5457422	--	--	--	--	--	--
#1	5482	--	--	--	--	--	--
#2	5440	--	--	--	--	--	--

Analysis Report 04/04/06 05:02:29 PM page 1

Method: TRACE1 Sample Name: AD615201/SD Operator: SW
Run Time: 04/04/06 16:57:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.191	.20242	.25488	.24043	.20071	54.865	.19823
SDev	.018	.00172	.00061	.00021	.00003	.052	.00014
%RSD	.17707	.84930	.23870	.08679	.01666	.09394	.06794
#1	10.178	.20121	.25531	.24028	.20073	54.829	.19832
#2	10.203	.20364	.25445	.24058	.20069	54.902	.19813
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20058	.20052	.26388	12.476	12.542	20.058	.30581
SDev	.00023	.00038	.00022	.006	.024	.014	.00048
%RSD	.11327	.18819	.08488	.05028	.19044	.07042	.15559
#1	.20042	.20025	.26403	12.480	12.525	20.048	.30547
#2	.20074	.20079	.26372	12.471	12.559	20.068	.30615
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	62.833	.29577	.21306	.21130	.21188	.20444	.20345
SDev	.008	.00196	.00197	.00150	.00034	.00088	.00012
%RSD	.01341	.66132	.92483	.70964	.16235	.42881	.05936
#1	62.827	.29438	.21445	.21024	.21164	.20382	.20353
#2	62.839	.29715	.21166	.21236	.21213	.20506	.20336
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19901	.20716	.20431	.19958	.27869	1.7517	.20048
SDev	.00586	.00161	.00019	.00097	.00116	.0015	.00058
%RSD	2.9449	.77968	.09398	.48424	.41671	.08481	.28962
#1	.19486	.20831	.20417	.20027	.27786	1.7506	.20007
#2	.20315	.20602	.20444	.19890	.27951	1.7527	.20089
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.04964	.43896
SDev	.00024	.00073
%RSD	.48773	.16693
#1	.04981	.43844
#2	.04947	.43948
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5510	--	--	--	--	--	--
SDev	.0000000	--	--	--	--	--	--
%RSD	.0000000	--	--	--	--	--	--
#1	5510	--	--	--	--	--	--
#2	5510	--	--	--	--	--	--

Analysis Report 04/04/06 05:07:25 PM page 1

Method: TRACE1 Sample Name: AD615202 Operator: SW
Run Time: 04/04/06 17:02:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19630	.00151	.03085	.02305	-.00000	34.850	-.00014
SDev	.00377	.00009	.00031	.00006	.00006	.035	.00016
%RSD	1.9207	6.0711	.99869	.23992	3919.5	.10093	120.06
#1	.19897	.00158	.03107	.02301	.00004	34.875	-.00025
#2	.19364	.00145	.03063	.02309	-.00004	34.826	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	.00201	.02697	.19928	1.2168	4.5817	.02253
SDev	.00016	.00015	.00063	.00264	.0049	.0062	.00005
%RSD	497.93	7.1932	2.3409	1.3234	.40627	.13465	.22348
#1	-.00008	.00191	.02653	.20114	1.2133	4.5861	.02250
#2	.00015	.00211	.02742	.19741	1.2203	4.5773	.02257
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	119.58	.00582	.00266	.00257	.00260	-.00193	.00327
SDev	.28	.00038	.00163	.00048	.00086	.00069	.00023
%RSD	.23361	6.4702	61.227	18.809	33.286	35.928	7.0424
#1	119.38	.00609	.00151	.00223	.00199	-.00242	.00311
#2	119.78	.00555	.00382	.00291	.00321	-.00144	.00343
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00082	-.00331	.00283	-.00062	.01279	.04485	-.00040
SDev	.00052	.00078	.00043	.00389	.00002	.00016	.00174
%RSD	63.561	23.608	15.083	623.65	.14815	.36137	439.32
#1	.00045	-.00386	.00313	-.00337	.01280	.04473	-.00163
#2	.00119	-.00275	.00252	.00213	.01278	.04496	.00083
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00018	.00291
SDev	.00003	.00014
%RSD	16.624	4.8067
#1	-.00016	.00281
#2	-.00020	.00301
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5500	--	--	--	--	--	--
SDev	8.166946	--	--	--	--	--	--
%RSD	.1484784	--	--	--	--	--	--
#1	5495	--	--	--	--	--	--
#2	5506	--	--	--	--	--	--

Analysis Report 04/04/06 05:12:22 PM page 1

Method: TRACE1 Sample Name: AD615076/PB Operator: SW
Run Time: 04/04/06 17:07:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00860	.00053	.00387	.00015	-.00026	.03797	-.00024
SDev	.00596	.00041	.00104	.00001	.00016	.00044	.00001
%RSD	69.368	77.110	26.976	5.2042	60.154	1.1625	2.7832
#1	.00438	.00082	.00313	.00016	-.00037	.03766	-.00024
#2	.01281	.00024	.00461	.00015	-.00015	.03828	-.00025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00022	.00043	.00022	.01196	-.00038	.00793	-.00001
SDev	.00005	.00005	.00023	.00614	.00005	.00448	.00002
%RSD	23.073	11.660	103.91	51.367	14.006	56.452	275.73
#1	-.00026	.00047	.00039	.01630	-.00034	.01110	.00001
#2	-.00019	.00040	.00006	.00761	-.00042	.00477	-.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05138	.00063	.00155	-.00128	-.00034	-.00227	-.00020
SDev	.20688	.00005	.00196	.00099	.00131	.00120	.00060
%RSD	402.66	7.1594	126.34	77.592	391.03	52.768	307.03
#1	.19766	.00066	.00017	-.00198	-.00127	-.00312	-.00062
#2	-.09491	.00059	.00294	-.00058	.00059	-.00142	.00023
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	-.00345	.00020	-.00138	-.00018	.00125	-.00069
SDev	.00035	.00162	.00013	.00041	.00000	.00003	.00135
%RSD	407.62	47.099	65.924	29.579	.12176	2.3000	197.24
#1	-.00016	-.00460	.00030	-.00109	-.00018	.00123	-.00164
#2	.00033	-.00230	.00011	-.00167	-.00018	.00127	.00027
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00017	-.00075
SDev	.00049	.00034
%RSD	283.13	45.740
#1	.00017	-.00051
#2	-.00052	-.00099
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5606	--	--	--	--	--	--
SDev	113.7030	--	--	--	--	--	--
%RSD	2.028147	--	--	--	--	--	--
#1	5687	--	--	--	--	--	--
#2	5526	--	--	--	--	--	--

Analysis Report 04/04/06 05:17:18 PM page 1

Method: TRACE1 Sample Name: AD615075/FB Operator: SW
Run Time: 04/04/06 17:12:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.6607	.19183	.19424	.20110	.19186	9.4775	.19101
SDev	.0002	.00246	.00095	.00034	.00007	.0003	.00004
%RSD	.00162	1.2802	.48710	.16720	.03432	.00302	.02089
#1	9.6609	.19009	.19491	.20133	.19190	9.4773	.19103
#2	9.6606	.19356	.19357	.20086	.19181	9.4777	.19098
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19141	.19157	.19069	9.5988	9.5992	9.6018	.18839
SDev	.00024	.00080	.00002	.0099	.0012	.0185	.00011
%RSD	.12780	.41824	.00855	.10320	.01227	.19217	.05566
#1	.19124	.19101	.19070	9.5918	9.5984	9.5887	.18832
#2	.19159	.19214	.19068	9.6058	9.6000	9.6148	.18847
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.041	.19215	.19751	.19482	.19571	.19060	.19097
SDev	.070	.00010	.00220	.00040	.00047	.00478	.00200
%RSD	.69908	.05082	1.1137	.20385	.23893	2.5057	1.0491
#1	10.091	.19209	.19595	.19510	.19538	.18722	.19239
#2	9.9916	.19222	.19906	.19453	.19604	.19397	.18956
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	11.500	.23000			.23000	.23000	.23000
Low	8.5000	.17000			.17000	.17000	.17000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19209	.18985	.19265	.19084	.18959	.19490	.19637
SDev	.00959	.00237	.00014	.00334	.00006	.00007	.00272
%RSD	4.9951	1.2463	.07445	1.7504	.03170	.03560	1.3864
#1	.18531	.18818	.19275	.19320	.18954	.19485	.19445
#2	.19888	.19152	.19255	.18847	.18963	.19494	.19830
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.23000	.23000	.23000	.23000	.23000
Low			.17000	.17000	.17000	.17000	.17000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.04924	.18949
SDev	.00072	.00114
%RSD	1.4643	.60420
#1	.04975	.18868
#2	.04873	.19030
Errors	LC Pass	NOCHECK
High	.05750	
Low	.04250	

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5543	--	--	--	--	--	--
SDev	20.68287	--	--	--	--	--	--
%RSD	.3731434	--	--	--	--	--	--
#1	5528	--	--	--	--	--	--
#2	5558	--	--	--	--	--	--

Analysis Report 04/04/06 05:22:15 PM page 1

Method: TRACE1 Sample Name: AD615055 Operator: SW
Run Time: 04/04/06 17:17:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02053	.01003	.80524	.01327	.00047	433.20	-.00014
SDev	.00292	.00014	.00922	.00008	.00003	.49	.00018
%RSD	14.199	1.4202	1.1453	.62142	6.3684	.11419	126.56
#1	.02259	.01014	.79872	.01321	.00049	432.85	-.00001
#2	.01847	.00993	.81176	.01333	.00045	433.55	-.00027
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03908	.00052	-.00031	1.5539	16.906	216.42	.72954
SDev	.00005	.00012	.00003	.0083	.222	.05	.00275
%RSD	.12538	22.715	9.6329	.53547	1.3157	.02134	.37638
#1	.03905	.00060	-.00034	1.5480	16.749	216.39	.72760
#2	.03912	.00043	-.00029	1.5598	17.063	216.45	.73149
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	48.303	.12346	-.00220	.00237	.00085	-.00209	-.00138
SDev	.091	.00046	.00257	.00032	.00064	.00316	.00007
%RSD	.18854	.37166	117.04	13.700	75.040	151.42	5.1242
#1	48.239	.12379	-.00038	.00214	.00130	-.00433	-.00133
#2	48.367	.12314	-.00401	.00260	.00040	.00015	-.00143
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00586	-.00021	.00045	-.00115	-.00012	.03984	-.00847
SDev	.00592	.00179	.00010	.00081	.00013	.00003	.00003
%RSD	100.98	871.96	22.773	70.630	108.06	.08239	.29765
#1	-.01005	-.00147	.00052	-.00058	-.00003	.03982	-.00845
#2	-.00168	.00106	.00037	-.00172	-.00022	.03987	-.00849
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00007	-.00074
SDev	.00047	.00176
%RSD	633.74	236.76
#1	.00026	.00050
#2	-.00040	-.00199
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5271	--	--	--	--	--	--
SDev	20.04655	--	--	--	--	--	--
%RSD	.3802906	--	--	--	--	--	--
#1	5286	--	--	--	--	--	--
#2	5257	--	--	--	--	--	--

Analysis Report 04/04/06 05:27:11 PM page 1

Method: TRACE1 Sample Name: AD615056 Operator: SW
Run Time: 04/04/06 17:22:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02515	.01274	.65330	.01362	.00049	447.94	-.00022
SDev	.00002	.00137	.00223	.00001	.00004	.01	.00015
%RSD	.06983	10.761	.34084	.05796	8.1011	.00131	67.726
#1	.02514	.01371	.65173	.01362	.00051	447.94	-.00033
#2	.02516	.01178	.65488	.01361	.00046	447.94	-.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04160	.00107	-.00089	5.7938	14.188	242.27	1.2077
SDev	.00059	.00008	.00029	.0040	.068	.02	.0013
%RSD	1.4207	7.3459	32.769	.06832	.47587	.00726	.10452
#1	.04118	.00101	-.00068	5.7910	14.140	242.28	1.2068
#2	.04202	.00112	-.00109	5.7966	14.236	242.26	1.2086
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	47.421	.10605	.00188	.00001	.00063	-.00076	.00355
SDev	.064	.00007	.00036	.00046	.00019	.00375	.00093
%RSD	.13445	.06377	19.134	5378.3	30.027	496.41	26.274
#1	47.466	.10609	.00162	.00034	.00077	-.00341	.00421
#2	47.376	.10600	.00213	-.00032	.00050	.00190	.00289
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00154	-.00190	.00038	.00025	-.00003	.02050	L-.01075
SDev	.00559	.00283	.00027	.00045	.00013	.00046	.00045
%RSD	363.42	148.76	70.838	179.34	443.17	2.2644	4.1922
#1	-.00242	-.00391	.00057	.00057	-.00013	.02083	L-.01107
#2	.00549	.00010	.00019	-.00007	.00006	.02017	L-.01043
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00023	-.00036
SDev	.00016	.00099
%RSD	68.943	279.36
#1	.00034	-.00106
#2	.00012	.00035
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5250	--	--	--	--	--	--
SDev	26.83450	--	--	--	--	--	--
%RSD	.5111551	--	--	--	--	--	--
#1	5231	--	--	--	--	--	--
#2	5269	--	--	--	--	--	--

Analysis Report 04/04/06 05:32:08 PM page 1

Method: TRACE1 Sample Name: AD615057 Operator: SW
Run Time: 04/04/06 17:27:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02541	.00224	.33740	.01333	.00046	400.87	-.00005
SDev	.00119	.00126	.00011	.00004	.00002	.53	.00006
%RSD	4.6693	56.225	.03162	.30277	5.0366	.13185	119.68
#1	.02625	.00135	.33732	.01336	.00047	401.25	-.00001
#2	.02457	.00313	.33747	.01330	.00044	400.50	-.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00729	.00085	-.00015	1.6066	4.4235	229.47	3.4313
SDev	.00001	.00021	.00049	.0047	.0052	.10	.0026
%RSD	.19416	24.856	332.36	.29505	.11642	.04453	.07557
#1	.00730	.00100	.00020	1.6032	4.4271	229.54	3.4331
#2	.00728	.00070	-.00050	1.6099	4.4198	229.39	3.4294
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	43.097	.02018	-.00059	.00232	.00135	-.00253	.00088
SDev	.074	.00141	.00297	.00037	.00124	.00003	.00139
%RSD	.17268	6.9689	500.20	16.066	91.854	1.3610	158.91
#1	43.150	.01918	.00151	.00258	.00222	-.00255	.00186
#2	43.045	.02117	-.00270	.00206	.00047	-.00250	-.00011
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00418	-.00170	.00033	-.00303	-.00013	.00961	-.00813
SDev	.00180	.00095	.00005	.00021	.00013	.00043	.00038
%RSD	43.131	55.910	14.588	6.9573	106.58	4.5192	4.6157
#1	-.00290	-.00238	.00036	-.00288	-.00003	.00930	-.00787
#2	-.00545	-.00103	.00030	-.00318	-.00022	.00991	-.00840
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00019	-.00186
SDev	.00016	.00046
%RSD	86.383	24.665
#1	.00030	-.00218
#2	.00007	-.00153
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5314	--	--	--	--	--	--
SDev	21.95587	--	--	--	--	--	--
%RSD	.4131606	--	--	--	--	--	--
#1	5299	--	--	--	--	--	--
#2	5330	--	--	--	--	--	--

Analysis Report 04/04/06 05:37:04 PM page 1

Method: TRACE1 Sample Name: AD615057/L (1:5) Operator: SW
Run Time: 04/04/06 17:32:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01159	.00094	.06637	.00294	.00014	79.245	-.00033
SDev	.00386	.00114	.00099	.00007	.00003	.063	.00010
%RSD	33.277	121.86	1.4961	2.4802	20.544	.07983	29.382
#1	.01432	.00013	.06567	.00288	.00016	79.290	-.00040
#2	.00887	.00175	.06707	.00299	.00012	79.200	-.00026
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00129	.00025	-.00050	.34105	.78223	45.564	.69362
SDev	.00013	.00013	.00009	.00507	.01847	.091	.00102
%RSD	9.7215	53.073	17.144	1.4850	2.3614	.20012	.14706
#1	.00120	.00034	-.00044	.34463	.79529	45.629	.69290
#2	.00138	.00015	-.00056	.33746	.76917	45.500	.69434
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.2036	.00437	-.00072	.00040	.00002	-.00043	.00025
SDev	.0943	.00019	.00154	.00088	.00008	.00107	.00374
%RSD	1.1498	4.2884	212.41	222.12	321.19	251.54	1479.1
#1	8.2703	.00424	.00036	-.00023	-.00003	.00033	-.00239
#2	8.1369	.00451	-.00181	.00102	.00008	-.00119	.00289
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00409	.00141	.00016	.00066	-.00019	.00221	-.00260
SDev	.00314	.00004	.00005	.00395	.00000	.00011	.00020
%RSD	76.690	2.9283	32.085	600.93	.07726	4.8358	7.6537
#1	-.00187	.00144	.00020	-.00213	-.00019	.00229	-.00246
#2	-.00632	.00138	.00012	.00345	-.00019	.00214	-.00274
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00004	.00003
SDev	.00018	.00107
%RSD	482.23	3390.7
#1	-.00016	.00079
#2	.00009	-.00073
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5431	--	--	--	--	--	--
SDev	21.10721	--	--	--	--	--	--
%RSD	.3886127	--	--	--	--	--	--
#1	5446	--	--	--	--	--	--
#2	5416	--	--	--	--	--	--

Analysis Report 04/04/06 05:42:01 PM page 1

Method: TRACE1 Sample Name: AD615057/PS Operator: SW
Run Time: 04/04/06 17:37:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.8557	.20153	.52659	.21328	.19088	399.09	.18950
SDev	.0041	.00087	.00114	.00021	.00024	.75	.00115
%RSD	.04187	.43162	.21722	.09948	.12522	.18744	.60813
#1	9.8528	.20214	.52739	.21343	.19105	398.56	.18869
#2	9.8586	.20091	.52578	.21313	.19071	399.62	.19032
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19216	.19284	.20696	11.257	14.979	233.19	3.5317
SDev	.00077	.00005	.00042	.033	.037	.13	.0039
%RSD	.40336	.02655	.20067	.29219	.24800	.05528	.11066
#1	.19161	.19288	.20667	11.234	15.005	233.10	3.5289
#2	.19271	.19281	.20725	11.280	14.953	233.28	3.5345
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	52.964	.20768	.18937	.19093	.19041	.20110	.19852
SDev	.031	.00111	.00047	.00068	.00061	.00070	.00454
%RSD	.05869	.53350	.24652	.35842	.32136	.34730	2.2850
#1	52.942	.20689	.18970	.19142	.19085	.20159	.19531
#2	52.986	.20846	.18904	.19045	.18998	.20060	.20173
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20443	.19943	.19799	.19316	.19467	.18785	.19583
SDev	.00220	.00006	.00023	.00575	.00049	.00017	.00248
%RSD	1.0786	.02749	.11591	2.9791	.25057	.08905	1.2652
#1	.20599	.19939	.19783	.18909	.19432	.18797	.19758
#2	.20287	.19947	.19816	.19723	.19501	.18773	.19408
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05206	.19280
SDev	.00041	.00125
%RSD	.78796	.64989
#1	.05177	.19192
#2	.05235	.19369
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5269	--	--	--	--	--	--
SDev	1.378996	--	--	--	--	--	--
%RSD	.0261735	--	--	--	--	--	--
#1	5268	--	--	--	--	--	--
#2	5270	--	--	--	--	--	--

Analysis Report QC Standard 04/04/06 05:48:17 PM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 04/04/06 17:43:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.663	.48989	.47130	.48547	.49789	24.926	.49077
SDev	.029	.00274	.00228	.00011	.00043	.002	.00019
%RSD	.11783	.55846	.48304	.02216	.08717	.00649	.03798
#1	24.642	.48795	.46969	.48555	.49819	24.925	.49091
#2	24.683	.49182	.47291	.48539	.49758	24.927	.49064
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49088	.49604	.51534	24.881	23.574	24.880	.49767
SDev	.00080	.00057	.00109	.006	.002	.002	.00008
%RSD	.16368	.11441	.21101	.02347	.00845	.00808	.01574
#1	.49144	.49644	.51457	24.885	23.573	24.878	.49772
#2	.49031	.49564	.51611	24.877	23.575	24.881	.49761
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.922	.49402	.49919	.49347	.49538	.50300	.49188
SDev	.039	.00209	.00127	.00060	.00002	.00586	.00340
%RSD	.15654	.42260	.25399	.12160	.00444	1.1657	.69173
#1	24.894	.49254	.49830	.49390	.49536	.50715	.48947
#2	24.950	.49549	.50009	.49305	.49539	.49886	.49429
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49992	.50455	.51551	.50545	.49419	.49007	.50253
SDev	.00343	.00708	.00001	.00349	.00022	.00055	.00245
%RSD	.68696	1.4028	.00226	.69092	.04414	.11271	.48697
#1	.50235	.50956	.51552	.50298	.49434	.49046	.50426
#2	.49749	.49955	.51551	.50792	.49403	.48968	.50080
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.48972	.49308
SDev	.00070	.00048
%RSD	.14275	.09756
#1	.49021	.49342
#2	.48923	.49274
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5467	--	--	--	--	--	--
SDev	13.89458	--	--	--	--	--	--
%RSD	.2541339	--	--	--	--	--	--
#1	5458	--	--	--	--	--	--
#2	5477	--	--	--	--	--	--

Analysis Report Blank Sample 04/04/06 05:53:15 PM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 04/04/06 17:48:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00681	.00183	.00152	.00014	-.00001	.00548	-.00015
SDev	.00024	.00201	.00008	.00002	.00003	.00070	.00002
%RSD	3.4640	110.38	5.4643	11.651	191.49	12.783	16.481
#1	.00664	.00325	.00157	.00015	.00001	.00598	-.00013
#2	.00698	.00040	.00146	.00012	-.00003	.00499	-.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00000	-.00011	-.00020	.00648	.01638	.00631	-.00001
SDev	.00000	.00029	.00019	.00313	.00432	.00334	.00008
%RSD	300.72	258.93	98.965	48.324	26.388	52.955	1495.0
#1	-.00000	-.00032	-.00033	.00427	.01333	.00395	.00005
#2	.00000	.00009	-.00006	.00870	.01944	.00868	-.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15325	.00054	.00215	-.00041	.00044	-.00166	.00470
SDev	.16012	.00015	.00015	.00018	.00007	.00075	.00235
%RSD	104.49	26.705	6.7682	43.771	16.354	45.003	50.011
#1	.26647	.00044	.00226	-.00054	.00039	-.00113	.00636
#2	.04002	.00064	.00205	-.00029	.00049	-.00219	.00304
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00403	-.00047	.00026	-.00425	-.00037	.00063	-.00095
SDev	.00497	.00136	.00017	.00111	.00000	.00023	.00174
%RSD	123.10	286.97	66.779	26.147	.14330	36.716	183.14
#1	-.00052	-.00144	.00038	-.00504	-.00037	.00079	.00028
#2	-.00754	.00049	.00014	-.00347	-.00037	.00046	-.00218
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00025	.00039
SDev	.00016	.00012
%RSD	66.662	29.950
#1	.00036	.00047
#2	.00013	.00030
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5514	--	--	--	--	--	--
SDev	14.84924	--	--	--	--	--	--
%RSD	.2692861	--	--	--	--	--	--
#1	5504	--	--	--	--	--	--
#2	5525	--	--	--	--	--	--

Analysis Report 04/04/06 05:58:11 PM page 1

Method: TRACE1 Sample Name: AD615058/MS Operator: SW
Run Time: 04/04/06 17:53:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.8600	.19872	.51973	.21276	.18911	398.63	.18696
SDev	.0392	.00140	.00035	.00045	.00001	.33	.00009
%RSD	.39789	.70445	.06801	.20975	.00638	.08307	.04664
#1	9.8322	.19773	.51948	.21245	.18912	398.39	.18690
#2	9.8877	.19971	.51998	.21308	.18910	398.86	.18703
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19359	.19003	.19934	11.060	14.724	232.62	3.5377
SDev	.00046	.00003	.00082	.010	.030	.05	.0040
%RSD	.23579	.01868	.41033	.09017	.20214	.02083	.11205
#1	.19391	.19006	.19876	11.053	14.703	232.65	3.5349
#2	.19327	.19001	.19992	11.067	14.745	232.58	3.5405
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	52.791	.20455	.19062	.19272	.19202	.19628	.19612
SDev	.292	.00027	.00071	.00142	.00118	.00565	.00178
%RSD	.55253	.13249	.37090	.73591	.61525	2.8790	.90678
#1	52.585	.20436	.19112	.19373	.19286	.20028	.19738
#2	52.997	.20474	.19012	.19172	.19119	.19229	.19487
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19858	.19514	.19758	.19318	.19311	.19415	.18772
SDev	.00603	.00546	.00015	.00054	.00056	.00004	.00109
%RSD	3.0344	2.7999	.07422	.28050	.29194	.02041	.57859
#1	.20284	.19900	.19748	.19280	.19271	.19418	.18849
#2	.19432	.19127	.19769	.19357	.19351	.19412	.18695
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05198	.19275
SDev	.00023	.00033
%RSD	.44377	.16937
#1	.05214	.19298
#2	.05181	.19252
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5207	--	--	--	--	--	--
SDev	15.16758	--	--	--	--	--	--
%RSD	.2912655	--	--	--	--	--	--
#1	5218	--	--	--	--	--	--
#2	5197	--	--	--	--	--	--

Analysis Report 04/04/06 06:03:08 PM page 1

Method: TRACE1 Sample Name: AD615059/SD Operator: SW
Run Time: 04/04/06 17:58:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.292	.20977	.54513	.22174	.19670	415.33	.19449
SDev	.013	.00085	.00317	.00016	.00002	.67	.00017
%RSD	.12281	.40276	.58097	.07014	.00773	.16204	.08894
#1	10.300	.20918	.54290	.22185	.19671	415.81	.19461
#2	10.283	.21037	.54737	.22163	.19669	414.86	.19437
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20129	.19743	.20676	11.488	15.380	242.00	3.6716
SDev	.00033	.00042	.00042	.012	.038	.00	.0042
%RSD	.16260	.21286	.20388	.10346	.24790	.00165	.11458
#1	.20152	.19713	.20706	11.496	15.353	242.00	3.6745
#2	.20106	.19773	.20646	11.479	15.407	241.99	3.6686
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	55.060	.21292	.20039	.20017	.20024	.20663	.20712
SDev	.083	.00021	.00142	.00108	.00119	.00031	.00077
%RSD	.15104	.09818	.70586	.53886	.59451	.15126	.37392
#1	55.119	.21307	.20139	.20093	.20109	.20685	.20657
#2	55.001	.21277	.19939	.19941	.19940	.20641	.20766
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20820	.20585	.20528	.19973	.20054	.20295	.19352
SDev	.00005	.00050	.00017	.00379	.00055	.00092	.00053
%RSD	.02603	.24091	.08225	1.8966	.27513	.45156	.27656
#1	.20816	.20620	.20540	.19705	.20093	.20359	.19389
#2	.20824	.20550	.20516	.20241	.20015	.20230	.19314
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05204	.19910
SDev	.00029	.00176
%RSD	.56540	.88155
#1	.05224	.19786
#2	.05183	.20035
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5254	--	--	--	--	--	--
SDev	14.42491	--	--	--	--	--	--
%RSD	.2745249	--	--	--	--	--	--
#1	5244	--	--	--	--	--	--
#2	5265	--	--	--	--	--	--

Analysis Report 04/04/06 06:08:04 PM page 1

Method: TRACE1 Sample Name: AD615060 Operator: SW
Run Time: 04/04/06 18:03:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04643	.00365	.20751	.01861	.00024	213.12	-.00014
SDev	.00475	.00106	.00160	.00011	.00002	.07	.00005
%RSD	10.227	28.957	.77214	.56950	8.1444	.03301	37.588
#1	.04978	.00440	.20638	.01854	.00026	213.17	-.00011
#2	.04307	.00290	.20864	.01869	.00023	213.07	-.00018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00257	.00112	-.00011	1.6913	3.0210	158.18	2.2441
SDev	.00029	.00029	.00043	.0044	.0124	.01	.0028
%RSD	11.335	25.603	398.39	.26102	.40988	.00576	.12328
#1	.00236	.00132	.00020	1.6882	3.0123	158.18	2.2421
#2	.00277	.00091	-.00041	1.6945	3.0298	158.19	2.2460
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	30.251	.00752	.00023	-.00006	.00003	-.00261	.00266
SDev	.008	.00033	.00246	.00024	.00098	.00101	.00259
%RSD	.02780	4.3998	1092.8	373.72	3029.5	38.576	97.413
#1	30.257	.00728	.00197	.00011	.00072	-.00190	.00083
#2	30.245	.00775	-.00152	-.00023	-.00066	-.00333	.00449
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00107	-.00446	.00023	-.00066	-.00032	.00454	-.00513
SDev	.00200	.00051	.00015	.00062	.00013	.00000	.00099
%RSD	186.25	11.503	63.258	94.084	41.894	.07901	19.339
#1	.00249	-.00409	.00034	-.00022	-.00041	.00454	-.00583
#2	-.00034	-.00482	.00013	-.00110	-.00022	.00455	-.00443
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00009	.00032
SDev	.00040	.00079
%RSD	428.87	247.98
#1	.00038	.00088
#2	-.00019	-.00024
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5359	--	--	--	--	--	--
SDev	3.924650	--	--	--	--	--	--
%RSD	.0732412	--	--	--	--	--	--
#1	5361	--	--	--	--	--	--
#2	5356	--	--	--	--	--	--

Analysis Report 04/04/06 06:13:01 PM page 1

Method: TRACE1 Sample Name: AD615061 Operator: SW
Run Time: 04/04/06 18:08:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01540	.00066	.00433	.00025	-.00014	.06628	-.00006
SDev	.00199	.00101	.00012	.00000	.00001	.00143	.00015
%RSD	12.915	152.60	2.8406	.02657	5.4617	2.1609	249.57
#1	.01681	.00138	.00442	.00025	-.00014	.06729	.00005
#2	.01400	-.00005	.00425	.00025	-.00015	.06527	-.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00013	.00009	-.00043	.01311	.00357	.01460	.00023
SDev	.00045	.00052	.00042	.00306	.01516	.00000	.00003
%RSD	354.59	562.48	95.833	23.334	424.51	.01606	12.085
#1	-.00045	.00046	-.00014	.01094	.01429	.01460	.00025
#2	.00019	-.00028	-.00073	.01527	-.00715	.01460	.00021
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00995	.00028	.00014	.00150	.00105	-.00320	.00291
SDev	.06068	.00018	.00037	.00157	.00117	.00087	.00157
%RSD	609.73	63.019	267.44	104.32	111.48	27.293	54.124
#1	.05286	.00015	-.00012	.00039	.00022	-.00382	.00179
#2	-.03296	.00040	.00040	.00261	.00187	-.00258	.00402
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00037	-.00462	.00021	.00086	-.00000	.00263	.00013
SDev	.00300	.00019	.00020	.00348	.00026	.00011	.00096
%RSD	816.36	4.1114	94.125	402.96	8430.4	4.3281	765.80
#1	-.00249	-.00448	.00035	.00333	-.00018	.00255	.00080
#2	.00175	-.00475	.00007	-.00160	.00018	.00271	-.00055
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00021	-.00058
SDev	.00044	.00065
%RSD	214.12	112.77
#1	.00011	-.00012
#2	-.00052	-.00104
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5552	--	--	--	--	--	--
SDev	.3183362	--	--	--	--	--	--
%RSD	.0057334	--	--	--	--	--	--
#1	5553	--	--	--	--	--	--
#2	5552	--	--	--	--	--	--

Analysis Report 04/04/06 06:17:58 PM page 1

Method: TRACE1 Sample Name: AD615062 Operator: SW
Run Time: 04/04/06 18:13:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01568	-.00088	.00344	.00025	-.00009	.05948	-.00021
SDev	.00137	.00152	.00021	.00006	.00003	.00044	.00008
%RSD	8.7342	173.31	6.0279	23.512	31.215	.74459	39.689
#1	.01664	.00020	.00330	.00021	-.00007	.05979	-.00015
#2	.01471	-.00195	.00359	.00029	-.00011	.05917	-.00027
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00014	.00049	-.00016	.01638	.00959	.00995	.00015
SDev	.00020	.00036	.00008	.00619	.02630	.00058	.00003
%RSD	139.83	74.065	53.216	37.806	274.17	5.8305	18.138
#1	.00000	.00074	-.00010	.01200	.02819	.00954	.00013
#2	.00029	.00023	-.00022	.02076	-.00900	.01036	.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01468	.00069	.00120	-.00020	.00027	-.00370	.00513
SDev	.01649	.00049	.00177	.00025	.00042	.00042	.00052
%RSD	112.26	71.062	147.76	126.71	158.11	11.341	10.166
#1	.02634	.00035	.00244	-.00037	.00057	-.00400	.00476
#2	.00303	.00104	-.00005	-.00002	-.00003	-.00341	.00550
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00404	-.00353	.00036	-.00219	-.00028	.00223	.00054
SDev	.00177	.00025	.00003	.00147	.00013	.00045	.00038
%RSD	43.760	7.2161	8.1657	66.814	46.677	20.208	70.447
#1	-.00530	-.00335	.00034	-.00116	-.00037	.00192	.00027
#2	-.00279	-.00371	.00038	-.00323	-.00018	.00255	.00081
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00014	-.00115
SDev	.00023	.00109
%RSD	159.66	95.531
#1	.00002	-.00192
#2	-.00031	-.00037
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5533	--	--	--	--	--	--
SDev	9.227606	--	--	--	--	--	--
%RSD	.1667747	--	--	--	--	--	--
#1	5526	--	--	--	--	--	--
#2	5540	--	--	--	--	--	--

Analysis Report 04/04/06 06:22:55 PM page 1

Method: TRACE1 Sample Name: AD615063 Operator: SW
Run Time: 04/04/06 18:18:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01465	.00135	.03758	.01989	-.00010	8.8917	-.00008
SDev	.00005	.00061	.00103	.00005	.00001	.0140	.00015
%RSD	.30823	45.599	2.7538	.25869	10.916	.15760	180.77
#1	.01468	.00091	.03684	.01992	-.00009	8.8818	.00002
#2	.01462	.00178	.03831	.01985	-.00010	8.9017	-.00018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00009	.00045	.00010	.01256	3.4639	.88352	.02423
SDev	.00003	.00015	.00017	.00543	.0051	.00438	.00005
%RSD	30.105	32.839	172.76	43.270	.14790	.49611	.19448
#1	-.00011	.00055	.00022	.01640	3.4675	.88662	.02419
#2	-.00007	.00034	-.00002	.00872	3.4602	.88042	.02426
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.011	.00066	.00097	.00004	.00035	-.00342	.00488
SDev	.017	.00079	.00102	.00060	.00006	.00022	.00169
%RSD	.06910	118.88	105.06	1494.4	18.083	6.5780	34.557
#1	25.023	.00122	.00169	-.00039	.00031	-.00357	.00607
#2	24.999	.00011	.00025	.00047	.00040	-.00326	.00369
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00095	-.00560	.00008	.00067	-.00018	.00360	.00027
SDev	.00562	.00247	.00027	.00139	.00000	.00034	.00192
%RSD	590.64	44.127	320.18	207.59	.15771	9.4363	725.97
#1	-.00302	-.00385	.00027	-.00031	-.00018	.00336	.00163
#2	.00492	-.00735	-.00011	.00165	-.00018	.00384	-.00110
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00033	-.00029
SDev	.00004	.00077
%RSD	11.376	262.31
#1	-.00031	.00025
#2	-.00036	-.00083
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5542	--	--	--	--	--	--
SDev	1.909326	--	--	--	--	--	--
%RSD	.0344516	--	--	--	--	--	--
#1	5541	--	--	--	--	--	--
#2	5543	--	--	--	--	--	--

Analysis Report 04/04/06 06:27:52 PM page 1

Method: TRACE1 Sample Name: AD615064 Operator: SW
Run Time: 04/04/06 18:22:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01997	.00028	.00337	.00013	-.00010	.05714	-.00038
SDev	.00466	.00146	.00072	.00001	.00003	.00044	.00005
%RSD	23.310	519.95	21.275	10.029	26.592	.77794	12.147
#1	.02326	-.00075	.00286	.00012	-.00008	.05746	-.00035
#2	.01668	.00131	.00388	.00014	-.00012	.05683	-.00042
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00041	.00009	-.00020	.01260	.02162	.00984	.00021
SDev	.00021	.00016	.00020	.00694	.01958	.00556	.00000
%RSD	50.837	178.13	98.469	55.067	90.561	56.504	1.0250
#1	-.00026	.00021	-.00006	.01751	.03546	.01378	.00021
#2	-.00055	-.00002	-.00034	.00769	.00777	.00591	.00021
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05253	.00042	.00015	.00129	.00091	-.00124	.00304
SDev	.00546	.00043	.00109	.00037	.00012	.00201	.00371
%RSD	10.389	102.40	746.10	28.357	13.242	161.40	122.38
#1	.04867	.00072	.00092	.00103	.00099	.00018	.00566
#2	.05639	.00012	-.00063	.00155	.00082	-.00266	.00041
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00354	-.00009	.00047	.00079	-.00036	.00318	.00025
SDev	.00182	.00210	.00031	.00011	.00025	.00002	.00152
%RSD	51.494	2258.9	66.462	13.329	69.801	.53068	599.46
#1	-.00225	.00139	.00069	.00086	-.00018	.00319	-.00082
#2	-.00483	-.00157	.00025	.00071	-.00054	.00317	.00133
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00028	-.00050
SDev	.00021	.00251
%RSD	74.552	502.63
#1	-.00013	.00128
#2	-.00042	-.00227
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5564	--	--	--	--	--	--
SDev	27.47082	--	--	--	--	--	--
%RSD	.4937621	--	--	--	--	--	--
#1	5544	--	--	--	--	--	--
#2	5583	--	--	--	--	--	--

Analysis Report 04/04/06 06:32:48 PM page 1

Method: TRACE1 Sample Name: AD615065 Operator: SW
Run Time: 04/04/06 18:27:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02440	.00081	.03589	.01977	-.00008	8.8492	-.00013
SDev	.00219	.00044	.00093	.00002	.00001	.0013	.00014
%RSD	8.9635	53.860	2.5919	.11069	13.451	.01494	110.19
#1	.02285	.00112	.03654	.01979	-.00007	8.8482	-.00023
#2	.02594	.00050	.03523	.01975	-.00009	8.8501	-.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	.00077	.00047	.01691	3.4223	.87804	.02439
SDev	.00008	.00008	.00019	.00075	.0282	.00139	.00008
%RSD	69.287	10.241	40.930	4.4482	.82324	.15858	.30985
#1	.00006	.00071	.00033	.01638	3.4422	.87902	.02433
#2	.00017	.00082	.00060	.01744	3.4024	.87705	.02444
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.908	.00009	.00143	-.00037	.00023	-.00184	.00372
SDev	.040	.00003	.00115	.00081	.00093	.00043	.00040
%RSD	.15906	35.046	80.819	218.17	407.40	23.587	10.740
#1	24.936	.00011	.00061	-.00095	-.00043	-.00154	.00344
#2	24.880	.00006	.00224	.00020	.00088	-.00215	.00400
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00137	-.00345	.00036	.00004	-.00000	.00503	.00107
SDev	.00204	.00167	.00009	.00065	.00026	.00035	.00076
%RSD	148.86	48.514	23.454	1612.5	7044.1	7.0261	70.738
#1	-.00007	-.00227	.00042	.00050	-.00018	.00528	.00054
#2	.00282	-.00464	.00030	-.00042	.00018	.00478	.00161
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00022	-.00086
SDev	.00036	.00040
%RSD	164.23	46.733
#1	-.00047	-.00058
#2	.00004	-.00114
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5555	--	--	--	--	--	--
SDev	14.31891	--	--	--	--	--	--
%RSD	.2577859	--	--	--	--	--	--
#1	5544	--	--	--	--	--	--
#2	5565	--	--	--	--	--	--

Analysis Report 04/04/06 06:37:45 PM page 1

Method: TRACE1 Sample Name: AD615066 Operator: SW
Run Time: 04/04/06 18:32:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02924	.00046	.02478	.00183	-.00006	6.8290	-.00027
SDev	.01053	.00054	.00115	.00001	.00006	.0077	.00023
%RSD	36.012	117.94	4.6272	.36127	100.35	.11280	84.289
#1	.02180	.00084	.02559	.00183	-.00010	6.8344	-.00011
#2	.03669	.00008	.02397	.00182	-.00002	6.8235	-.00043
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00025	.00070	-.00004	.02740	.60645	1.5286	.00167
SDev	.00049	.00040	.00036	.00164	.01679	.0037	.00001
%RSD	195.66	56.886	902.09	5.9976	2.7681	.23906	.35377
#1	-.00060	.00097	-.00029	.02856	.59458	1.5312	.00167
#2	.00010	.00042	.00021	.02624	.61832	1.5261	.00167
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.316	.00070	.00034	.00024	.00028	-.00441	.00159
SDev	.124	.00024	.00098	.00093	.00029	.00003	.00250
%RSD	1.2009	34.637	289.32	378.27	104.96	.73734	157.25
#1	10.229	.00087	-.00035	.00090	.00048	-.00443	.00336
#2	10.404	.00053	.00103	-.00041	.00007	-.00438	-.00018
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00426	-.00448	.00039	-.00111	.00036	.04947	-.00150
SDev	.00100	.00055	.00020	.00074	.00026	.00095	.00019
%RSD	23.380	12.189	52.274	66.960	71.700	1.9277	12.774
#1	-.00355	-.00487	.00024	-.00163	.00054	.05015	-.00164
#2	-.00496	-.00410	.00053	-.00058	.00018	.04880	-.00137
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00027	-.00073
SDev	.00072	.00007
%RSD	266.83	9.5729
#1	-.00078	-.00078
#2	.00024	-.00068
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5534	--	--	--	--	--	--
SDev	17.50089	--	--	--	--	--	--
%RSD	.3162245	--	--	--	--	--	--
#1	5522	--	--	--	--	--	--
#2	5547	--	--	--	--	--	--

Analysis Report 04/04/06 06:42:42 PM page 1

Method: TRACE1 Sample Name: AD615067 Operator: SW
Run Time: 04/04/06 18:37:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20056	.00191	.01936	.00865	-.00000	4.2147	-.00006
SDev	.00528	.00228	.00011	.00017	.00011	.0586	.00001
%RSD	2.6300	119.18	.55781	2.0054	11713.	1.3915	18.342
#1	.20429	.00352	.01944	.00878	.00008	4.2561	-.00005
#2	.19683	.00030	.01929	.00853	-.00008	4.1732	-.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00013	.00036	.00549	.04762	1.1345	1.0904	.16472
SDev	.00013	.00010	.00030	.00657	.0186	.0162	.00218
%RSD	98.221	29.065	5.5179	13.801	1.6377	1.4845	1.3213
#1	-.00022	.00043	.00528	.05226	1.1477	1.1018	.16626
#2	-.00004	.00029	.00571	.04297	1.1214	1.0789	.16318
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.4900	.00089	.00061	.00129	.00106	-.00654	.00155
SDev	.0877	.00081	.00006	.00086	.00056	.00047	.00034
%RSD	1.3509	91.111	9.2909	66.924	52.282	7.1686	22.215
#1	6.4280	.00146	.00057	.00189	.00145	-.00687	.00179
#2	6.5520	.00032	.00065	.00068	.00067	-.00621	.00130
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00392	-.00785	.00052	-.00067	.00017	.02391	-.00018
SDev	.00033	.00054	.00018	.00056	.00026	.00043	.00130
%RSD	8.5434	6.8252	35.425	84.195	148.20	1.7811	717.99
#1	-.00416	-.00822	.00065	-.00107	.00035	.02421	-.00110
#2	-.00368	-.00747	.00039	-.00027	-.00001	.02361	.00074
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00052	-.00096
SDev	.00037	.00012
%RSD	71.357	12.213
#1	.00026	-.00087
#2	.00079	-.00104
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5640	--	--	--	--	--	--
SDev	73.50354	--	--	--	--	--	--
%RSD	1.303168	--	--	--	--	--	--
#1	5588	--	--	--	--	--	--
#2	5692	--	--	--	--	--	--

Analysis Report QC Standard 04/04/06 06:48:58 PM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 04/04/06 18:44:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.887	.48649	.47428	.48193	.49410	25.206	.49660
SDev	.016	.00160	.00181	.00019	.00014	.020	.00017
%RSD	.06591	.32926	.38265	.04020	.02726	.07871	.03475
#1	24.898	.48762	.47299	.48180	.49400	25.192	.49648
#2	24.875	.48535	.47556	.48207	.49419	25.220	.49673
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49315	.49457	.51530	24.978	23.311	25.038	.50353
SDev	.00017	.00017	.00107	.011	.010	.026	.00014
%RSD	.03369	.03415	.20832	.04601	.04314	.10578	.02707
#1	.49303	.49445	.51454	24.970	23.304	25.019	.50343
#2	.49326	.49469	.51606	24.986	23.318	25.056	.50362
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.761	.50382	.50101	.49904	.49970	.50502	.49619
SDev	.105	.00032	.00041	.00287	.00205	.00286	.00226
%RSD	.42221	.06298	.08141	.57427	.40972	.56678	.45557
#1	24.687	.50359	.50072	.49702	.49825	.50299	.49778
#2	24.835	.50404	.50130	.50107	.50115	.50704	.49459
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50719	.50394	.51679	.50947	.49832	.49319	.50514
SDev	.00184	.00522	.00031	.00067	.00090	.00073	.00136
%RSD	.36348	1.0349	.06046	.13236	.18156	.14723	.26869
#1	.50849	.50025	.51657	.50994	.49768	.49268	.50610
#2	.50589	.50763	.51701	.50899	.49896	.49371	.50418
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.49199	.49430
SDev	.00048	.00259
%RSD	.09697	.52463
#1	.49165	.49247
#2	.49233	.49614
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5482	--	--	--	--	--	--
SDev	4.242641	--	--	--	--	--	--
%RSD	.0773851	--	--	--	--	--	--
#1	5486	--	--	--	--	--	--
#2	5480	--	--	--	--	--	--

Analysis Report Blank Sample 04/04/06 06:53:56 PM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 04/04/06 18:49:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01390	.00054	.00165	.00005	.00010	.00493	-.00014
SDev	.00219	.00114	.00159	.00002	.00002	.00016	.00011
%RSD	15.780	212.78	96.574	29.214	18.602	3.2737	81.394
#1	.01545	-.00027	.00052	.00004	.00011	.00504	-.00006
#2	.01235	.00134	.00277	.00006	.00009	.00481	-.00022
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00010	-.00006	-.00065	.00870	.02558	.00718	.00009
SDev	.00015	.00015	.00017	.00310	.01509	.00276	.00000
%RSD	142.87	265.08	25.720	35.663	58.987	38.415	.19396
#1	.00000	.00005	-.00077	.01090	.03625	.00523	.00009
#2	-.00021	-.00016	-.00053	.00651	.01491	.00912	.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01430	.00043	.00056	.00145	.00115	-.00406	.00217
SDev	.03822	.00026	.00033	.00079	.00064	.00217	.00193
%RSD	267.30	61.357	58.250	54.819	55.375	53.421	88.611
#1	-.04133	.00062	.00033	.00089	.00070	-.00560	.00354
#2	.01273	.00024	.00079	.00201	.00160	-.00253	.00081
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00654	-.00283	.00021	.00050	-.00009	.00047	.00191
SDev	.00021	.00336	.00011	.00302	.00013	.00000	.00116
%RSD	3.2269	118.87	50.487	602.55	138.59	.07275	60.612
#1	-.00639	-.00521	.00013	-.00164	-.00018	.00047	.00273
#2	-.00669	-.00045	.00028	.00264	-.00000	.00047	.00109
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00014	-.00078
SDev	.00002	.00095
%RSD	16.217	121.91
#1	.00012	-.00011
#2	.00015	-.00145
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5518	--	--	--	--	--	--
SDev	1.803330	--	--	--	--	--	--
%RSD	.0326792	--	--	--	--	--	--
#1	5517	--	--	--	--	--	--
#2	5520	--	--	--	--	--	--

Analysis Report 04/04/06 06:58:52 PM page 1

Method: TRACE1 Sample Name: AD615068 Operator: SW
Run Time: 04/04/06 18:53:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04506	-.00030	.02037	.01301	-.00001	9.6578	-.00018
SDev	.00466	.00053	.00017	.00004	.00000	.0252	.00012
%RSD	10.334	177.22	.86108	.29300	46.801	.26087	68.127
#1	.04177	-.00067	.02050	.01299	-.00001	9.6400	-.00009
#2	.04835	.00008	.02025	.01304	-.00001	9.6756	-.00027
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00027	.00004	.00012	.00545	2.9263	2.4253	.01875
SDev	.00028	.00026	.00075	.00157	.0093	.0016	.00026
%RSD	103.97	591.40	650.39	28.751	.31743	.06458	1.4005
#1	-.00007	-.00014	-.00042	.00434	2.9329	2.4242	.01856
#2	-.00047	.00023	.00065	.00656	2.9197	2.4264	.01893
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	42.974	.00112	.00202	.00031	.00088	-.00226	.00007
SDev	.204	.00042	.00132	.00151	.00145	.00029	.00070
%RSD	.47360	37.353	65.256	483.15	164.15	12.895	953.78
#1	42.830	.00083	.00295	.00138	.00191	-.00247	.00057
#2	43.118	.00142	.00109	-.00076	-.00014	-.00205	-.00042
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00117	-.00281	.00036	.00043	-.00037	.02012	.00053
SDev	.00617	.00352	.00011	.00009	.00026	.00010	.00077
%RSD	526.37	125.57	28.995	21.379	70.107	.49811	143.59
#1	.00319	-.00530	.00029	.00050	-.00055	.02019	.00108
#2	-.00553	-.00031	.00043	.00037	-.00018	.02005	-.00001
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00007	-.00099
SDev	.00036	.00036
%RSD	533.38	36.721
#1	-.00032	-.00073
#2	.00019	-.00125
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5550	--	--	--	--	--	--
SDev	3.606314	--	--	--	--	--	--
%RSD	.0649769	--	--	--	--	--	--
#1	5553	--	--	--	--	--	--
#2	5548	--	--	--	--	--	--

Analysis Report 04/04/06 07:03:49 PM page 1

Method: TRACE1 Sample Name: AD615069 Operator: SW
Run Time: 04/04/06 18:58:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15936	.00146	.02140	.04221	.00007	5.2995	-.00022
SDev	.00105	.00098	.00003	.00001	.00004	.0014	.00005
%RSD	.65899	67.232	.13279	.02577	59.292	.02684	21.747
#1	.15861	.00077	.02142	.04222	.00010	5.3005	-.00018
#2	.16010	.00216	.02138	.04221	.00004	5.2984	-.00025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00090	.00029	.00039	.01685	1.7524	.84276	.08682
SDev	.00006	.00010	.00002	.00234	.0161	.00615	.00027
%RSD	7.2837	33.341	6.2506	13.922	.92017	.72948	.30888
#1	.00085	.00022	.00037	.01850	1.7638	.83841	.08701
#2	.00094	.00036	.00041	.01519	1.7410	.84710	.08663
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	33.710	.00108	.00166	-.00023	.00040	-.00318	.00044
SDev	.194	.00053	.00233	.00046	.00047	.00638	.00145
%RSD	.57493	48.816	140.69	198.47	118.20	200.33	331.76
#1	33.573	.00071	.00331	-.00056	.00073	-.00769	-.00059
#2	33.848	.00145	.00001	.00009	.00007	.00133	.00147
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00523	-.00216	.00039	-.00084	-.00027	.00985	-.00001
SDev	.00257	.00828	.00010	.00002	.00013	.00015	.00116
%RSD	49.216	383.32	26.699	1.9850	46.472	1.4993	15438.
#1	-.00705	-.00801	.00046	-.00085	-.00018	.00995	.00081
#2	-.00341	.00369	.00031	-.00083	-.00036	.00974	-.00083
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00049	-.00103
SDev	.00004	.00007
%RSD	8.1174	7.2579
#1	.00051	-.00098
#2	.00046	-.00109
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5551	--	--	--	--	--	--
SDev	18.87989	--	--	--	--	--	--
%RSD	.3400955	--	--	--	--	--	--
#1	5538	--	--	--	--	--	--
#2	5565	--	--	--	--	--	--

Analysis Report 04/04/06 07:08:46 PM page 1

Method: TRACE1 Sample Name: AD615070 Operator: SW
Run Time: 04/04/06 19:03:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02950	.00116	.03000	.00568	.00000	13.769	-.00002
SDev	.00309	.00017	.00064	.00003	.00002	.015	.00007
%RSD	10.460	14.484	2.1159	.62280	1180.3	.11132	445.77
#1	.03168	.00104	.03045	.00571	.00001	13.780	-.00007
#2	.02732	.00128	.02955	.00566	-.00001	13.759	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00028	.00079	.00022	.04496	2.6534	1.9994	.03008
SDev	.00008	.00015	.00039	.00298	.0218	.0041	.00011
%RSD	29.437	18.973	178.88	6.6389	.82344	.20397	.35239
#1	-.00034	.00090	-.00006	.04285	2.6688	2.0023	.03016
#2	-.00022	.00069	.00049	.04707	2.6379	1.9965	.03001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.806	.00099	.00221	.00209	.00213	.00100	.00278
SDev	.028	.00040	.00028	.00132	.00097	.00007	.00152
%RSD	.16615	40.586	12.616	63.210	45.748	7.0344	54.540
#1	16.786	.00127	.00240	.00303	.00282	.00095	.00385
#2	16.826	.00070	.00201	.00116	.00144	.00104	.00171
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00175	.00062	.00017	-.00180	-.00009	.00465	-.00027
SDev	.00036	.00007	.00013	.00225	.00013	.00021	.00231
%RSD	20.362	11.771	74.113	124.73	137.35	4.5342	847.75
#1	.00150	.00067	.00008	-.00340	-.00000	.00450	.00136
#2	.00200	.00057	.00026	-.00021	-.00018	.00480	-.00191
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00007	-.00083
SDev	.00032	.00015
%RSD	428.57	17.899
#1	.00030	-.00073
#2	-.00015	-.00094
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5537	--	--	--	--	--	--
SDev	19.41022	--	--	--	--	--	--
%RSD	.3505437	--	--	--	--	--	--
#1	5523	--	--	--	--	--	--
#2	5551	--	--	--	--	--	--

Analysis Report 04/04/06 07:13:43 PM page 1

Method: TRACE1 Sample Name: AD615071 Operator: SW
Run Time: 04/04/06 19:08:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20678	.00083	.01567	.00525	.00012	10.902	-.00008
SDev	.00391	.00086	.00060	.00001	.00000	.030	.00011
%RSD	1.8889	104.17	3.8131	.15347	2.5743	.27900	131.95
#1	.20402	.00144	.01524	.00526	.00012	10.881	-.00001
#2	.20955	.00022	.01609	.00525	.00012	10.924	-.00015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	.00024	.00017	.02508	2.6192	1.1171	.05420
SDev	.00029	.00010	.00044	.00154	.0107	.0005	.00011
%RSD	274.05	40.374	257.89	6.1428	.40843	.04285	.21035
#1	.00010	.00031	.00049	.02617	2.6267	1.1175	.05412
#2	-.00031	.00017	-.00014	.02399	2.6116	1.1168	.05428
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.3216	.00059	.00279	.00037	.00117	-.00173	.00364
SDev	.1288	.00003	.00199	.00025	.00083	.00020	.00191
%RSD	5.5470	5.6347	71.530	68.603	70.915	11.709	52.549
#1	2.4126	.00061	.00420	.00055	.00176	-.00187	.00499
#2	2.2305	.00056	.00138	.00019	.00059	-.00158	.00228
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00126	-.00322	.00029	.00004	.00018	.00366	-.00069
SDev	.00208	.00134	.00038	.00001	.00051	.00001	.00057
%RSD	164.87	41.654	131.88	15.710	289.62	.15542	82.844
#1	.00273	-.00417	.00002	.00004	-.00018	.00366	-.00029
#2	-.00021	-.00227	.00056	.00004	.00054	.00365	-.00110
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00017	-.00086
SDev	.00021	.00083
%RSD	120.71	96.712
#1	.00032	-.00145
#2	.00003	-.00027
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5575	--	--	--	--	--	--
SDev	8.166946	--	--	--	--	--	--
%RSD	.1464969	--	--	--	--	--	--
#1	5569	--	--	--	--	--	--
#2	5581	--	--	--	--	--	--

Analysis Report 04/04/06 07:18:40 PM page 1

Method: TRACE1 Sample Name: AD615072 Operator: SW
Run Time: 04/04/06 19:13:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02599	-.00002	.04947	.02453	-.00005	18.267	.00004
SDev	.00898	.00030	.00017	.00022	.00004	.134	.00006
%RSD	34.542	1378.0	.34805	.91498	81.419	.73352	145.19
#1	.03234	.00019	.04935	.02437	-.00002	18.172	.00009
#2	.01964	-.00024	.04960	.02469	-.00008	18.361	-.00000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00018	.00046	.00084	.01640	7.8975	2.0407	.08230
SDev	.00021	.00015	.00072	.00156	.2808	.0022	.00092
%RSD	114.38	31.198	85.221	9.5070	3.5554	.10644	1.1192
#1	-.00033	.00057	.00135	.01750	7.6990	2.0392	.08165
#2	-.00004	.00036	.00034	.01530	8.0961	2.0423	.08295
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.652	.00081	.00070	.00137	.00115	.00150	.00368
SDev	.309	.00070	.00142	.00057	.00009	.00068	.00302
%RSD	1.4968	86.518	202.16	41.304	8.0835	45.476	81.928
#1	20.871	.00031	.00170	.00097	.00121	.00102	.00582
#2	20.433	.00130	-.00030	.00177	.00108	.00199	.00155
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00084	.00268	.00006	-.00088	.00009	.00312	.00081
SDev	.00126	.00166	.00020	.00041	.00039	.00033	.00076
%RSD	149.71	61.841	324.62	46.156	434.99	10.625	94.185
#1	.00005	.00151	.00021	-.00059	-.00018	.00335	.00135
#2	-.00173	.00385	-.00008	-.00116	.00036	.00288	.00027
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00012	-.00129
SDev	.00080	.00051
%RSD	649.01	39.701
#1	.00044	-.00165
#2	-.00069	-.00093
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5539	--	--	--	--	--	--
SDev	16.97056	--	--	--	--	--	--
%RSD	.3063721	--	--	--	--	--	--
#1	5551	--	--	--	--	--	--
#2	5527	--	--	--	--	--	--

Analysis Report 04/04/06 07:23:37 PM page 1

Method: TRACE1 Sample Name: AD615073 Operator: SW
Run Time: 04/04/06 19:18:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01083	.02655	.02102	.00780	-.00030	10.354	-.00017
SDev	.00581	.00228	.00109	.00042	.00029	.458	.00004
%RSD	53.623	8.5894	5.1866	5.4152	95.441	4.4205	21.309
#1	.01493	.02816	.02179	.00810	-.00010	10.678	-.00019
#2	.00672	.02493	.02025	.00750	-.00051	10.031	-.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00024	.00024	.00006	1.8166	2.5024	1.2457	1.3484
SDev	.00007	.00006	.00016	.0852	.0869	.0528	.0604
%RSD	30.535	25.957	257.53	4.6874	3.4714	4.2367	4.4826
#1	.00019	.00019	-.00005	1.8768	2.5639	1.2830	1.3912
#2	.00030	.00028	.00018	1.7564	2.4410	1.2083	1.3057
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	26.335	.00079	.00203	.00025	.00085	-.00262	.00029
SDev	.919	.00011	.00202	.00056	.00105	.00414	.00072
%RSD	3.4888	13.789	99.271	222.20	123.90	157.94	249.24
#1	26.985	.00087	.00346	.00065	.00159	-.00555	-.00022
#2	25.685	.00071	.00061	-.00015	.00010	.00031	.00080
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00460	-.00164	.00003	-.00073	-.00032	.00828	.00062
SDev	.01060	.00091	.00001	.00035	.00013	.00021	.00009
%RSD	230.59	55.913	26.730	48.114	41.247	2.5912	14.430
#1	-.01209	-.00228	.00003	-.00098	-.00041	.00843	.00056
#2	.00290	-.00099	.00004	-.00048	-.00022	.00813	.00069
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00035	.00020
SDev	.00036	.00039
%RSD	104.51	189.79
#1	-.00060	-.00007
#2	-.00009	.00048
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5685	--	--	--	--	--	--
SDev	218.1780	--	--	--	--	--	--
%RSD	3.837935	--	--	--	--	--	--
#1	5530	--	--	--	--	--	--
#2	5839	--	--	--	--	--	--

Analysis Report 04/04/06 07:28:34 PM page 1

Method: TRACE1 Sample Name: AD615074 Operator: SW
Run Time: 04/04/06 19:23:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04704	.00085	.01864	.02734	-.00003	6.1108	-.00019
SDev	.01047	.00114	.00002	.00037	.00006	.0507	.00004
%RSD	22.265	133.73	.08088	1.3599	242.11	.82890	18.719
#1	.03963	.00165	.01865	.02761	-.00007	6.0750	-.00022
#2	.05445	.00005	.01863	.02708	.00002	6.1466	-.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00015	.00032	.01533	.01200	1.7263	1.0733	.01795
SDev	.00005	.00000	.00064	.00464	.0150	.0018	.00011
%RSD	37.745	.56167	4.1952	38.650	.86865	.16984	.62850
#1	-.00011	.00032	.01578	.01528	1.7369	1.0746	.01787
#2	-.00018	.00032	.01487	.00872	1.7157	1.0720	.01803
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	41.208	.00114	.00093	.00084	.00087	.00013	.00454
SDev	.007	.00015	.00200	.00083	.00011	.00013	.00132
%RSD	.01782	13.606	214.37	99.278	12.717	95.940	29.155
#1	41.213	.00103	-.00048	.00143	.00079	.00004	.00548
#2	41.203	.00124	.00234	.00025	.00095	.00022	.00360
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00654	-.00307	-.00005	.00101	-.00009	.00623	-.00029
SDev	.00092	.00065	.00017	.00019	.00013	.00025	.00115
%RSD	14.092	21.245	351.04	18.789	137.63	3.9603	399.91
#1	.00720	-.00353	.00007	.00114	-.00018	.00606	.00052
#2	.00589	-.00261	-.00017	.00088	-.00000	.00640	-.00110
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00020	-.00150
SDev	.00026	.00036
%RSD	131.36	24.113
#1	-.00001	-.00125
#2	-.00038	-.00176
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5558	--	--	--	--	--	--
SDev	17.60689	--	--	--	--	--	--
%RSD	.3167618	--	--	--	--	--	--
#1	5571	--	--	--	--	--	--
#2	5546	--	--	--	--	--	--

Analysis Report 04/04/06 07:33:32 PM page 1

Method: TRACE1 Sample Name: AD615100/PB Operator: SW
Run Time: 04/04/06 19:28:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03310	.00079	.00306	-.00008	.00004	.04242	-.00035
SDev	.00235	.00062	.00059	.00007	.00002	.00012	.00006
%RSD	7.1094	78.014	19.234	98.919	48.929	.27094	16.689
#1	.03144	.00122	.00348	-.00002	.00005	.04250	-.00039
#2	.03477	.00035	.00265	-.00013	.00003	.04234	-.00031
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00054	-.00015	-.00089	.00431	.02522	-.00002	.00003
SDev	.00023	.00034	.00028	.00780	.00642	.00063	.00008
%RSD	42.447	233.01	31.564	180.90	25.451	2865.5	247.44
#1	-.00070	.00010	-.00109	-.00120	.02068	.00042	-.00003
#2	-.00038	-.00039	-.00069	.00983	.02975	-.00046	.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.10835	.00036	.00030	.00075	.00060	-.00076	-.00055
SDev	.08217	.00000	.00069	.00058	.00015	.00256	.00263
%RSD	75.844	.64636	233.43	76.914	25.884	334.55	475.16
#1	-.16645	.00036	-.00019	.00116	.00071	-.00257	.00130
#2	-.05024	.00037	.00078	.00034	.00049	.00104	-.00241
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00088	-.00158	-.00004	.00120	-.00009	.00103	.00083
SDev	.00617	.00075	.00014	.00367	.00013	.00034	.00116
%RSD	704.42	47.637	314.86	306.11	140.10	33.363	141.04
#1	-.00348	-.00212	-.00014	-.00140	-.00000	.00128	.00165
#2	.00523	-.00105	.00005	.00379	-.00018	.00079	.00000
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00035	-.00104
SDev	.00003	.00051
%RSD	8.6664	49.320
#1	-.00032	-.00140
#2	-.00037	-.00068
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5509	--	--	--	--	--	--
SDev	8.379285	--	--	--	--	--	--
%RSD	.1521148	--	--	--	--	--	--
#1	5503	--	--	--	--	--	--
#2	5514	--	--	--	--	--	--

Analysis Report 04/04/06 07:38:29 PM page 1

Method: TRACE1 Sample Name: AD615099/FB Operator: SW
Run Time: 04/04/06 19:33:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.8199	.19395	.19486	.19960	.19337	9.7977	.19676
SDev	.4452	.00829	.00702	.00927	.00891	.4305	.00932
%RSD	4.5335	4.2763	3.6013	4.6433	4.6076	4.3939	4.7348
#1	9.5051	.18808	.18990	.19304	.18707	9.4933	.19017
#2	10.135	.19981	.19982	.20615	.19967	10.102	.20335
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19580	.19414	.19559	9.8142	9.5011	9.8035	.19424
SDev	.00895	.00866	.00955	.4443	.3449	.4507	.00898
%RSD	4.5689	4.4612	4.8851	4.5271	3.6300	4.5970	4.6216
#1	.18948	.18802	.18883	9.5001	9.2572	9.4849	.18789
#2	.20213	.20026	.20234	10.128	9.7450	10.122	.20059
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9295	.19891	.20301	.20331	.20321	.20119	.19548
SDev	.4039	.00811	.00830	.00459	.00582	.00267	.00993
%RSD	4.0676	4.0774	4.0883	2.2568	2.8661	1.3260	5.0801
#1	9.6439	.19317	.19715	.20007	.19909	.19930	.18845
#2	10.215	.20464	.20888	.20656	.20733	.20308	.20250
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	11.500	.23000			.23000	.23000	.23000
Low	8.5000	.17000			.17000	.17000	.17000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20285	.20036	.19791	.19835	.19557	.19743	.20148
SDev	.00482	.00159	.00966	.00849	.00789	.00950	.01031
%RSD	2.3769	.79402	4.8809	4.2825	4.0370	4.8110	5.1163
#1	.19944	.19924	.19108	.19234	.18998	.19072	.19420
#2	.20626	.20149	.20474	.20435	.20115	.20415	.20877
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.23000	.23000	.23000	.23000	.23000
Low			.17000	.17000	.17000	.17000	.17000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05047	.19179
SDev	.00161	.00914
%RSD	3.1867	4.7655
#1	.04933	.18533
#2	.05160	.19825
Errors	LC Pass	NOCHECK
High	.05750	
Low	.04250	

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5639	--	--	--	--	--	--
SDev	191.2368	--	--	--	--	--	--
%RSD	3.391310	--	--	--	--	--	--
#1	5774	--	--	--	--	--	--
#2	5504	--	--	--	--	--	--

Analysis Report 04/04/06 07:43:26 PM page 1

Method: TRACE1 Sample Name: AD615077 Operator: SW
Run Time: 04/04/06 19:38:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08654	.00120	.01327	.01122	.00003	5.9482	.00006
SDev	.00234	.00143	.00057	.00001	.00003	.0099	.00002
%RSD	2.7006	118.73	4.2709	.08382	89.995	.16563	33.713
#1	.08820	.00222	.01368	.01122	.00005	5.9552	.00007
#2	.08489	.00019	.01287	.01123	.00001	5.9412	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	30.000	50.000	10.000	5.0000	1200.0	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	.00039	.00152	.04546	.85703	.55883	.02450
SDev	.00056	.00016	.00012	.00383	.01412	.00144	.00010
%RSD	369.74	42.381	7.7584	8.4241	1.6475	.25772	.42387
#1	.00055	.00051	.00160	.04275	.86702	.55985	.02457
#2	-.00024	.00027	.00143	.04817	.84705	.55781	.02442
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.0148	.00236	.00287	.00144	.00192	-.00095	.00027
SDev	.0400	.00010	.00086	.00052	.00064	.00359	.00087
%RSD	.99701	4.3701	30.117	36.300	33.217	376.80	317.46
#1	4.0431	.00229	.00348	.00181	.00237	-.00349	.00089
#2	3.9865	.00243	.00226	.00107	.00147	.00159	-.00034
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00281	-.00283	.00199	.00171	-.00009	.01309	.00109
SDev	.00096	.00586	.00016	.00136	.00039	.00053	.00076
%RSD	34.016	206.90	7.9518	79.628	407.46	4.0329	70.008
#1	.00348	-.00698	.00188	.00075	.00018	.01271	.00055
#2	.00213	.00131	.00211	.00267	-.00037	.01346	.00162
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00043	.00133
SDev	.00026	.00110
%RSD	60.844	82.614
#1	.00062	.00211
#2	.00025	.00056
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5539	--	--	--	--	--	--
SDev	17.07690	--	--	--	--	--	--
%RSD	.3083128	--	--	--	--	--	--
#1	5527	--	--	--	--	--	--
#2	5551	--	--	--	--	--	--

Analysis Report QC Standard 04/04/06 07:49:45 PM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 04/04/06 19:44:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.916	.48610	.47385	.48255	.49304	25.133	.49455
SDev	.014	.00155	.00164	.00029	.00056	.021	.00058
%RSD	.05693	.31959	.34676	.06045	.11314	.08215	.11669
#1	24.906	.48501	.47269	.48276	.49344	25.119	.49415
#2	24.926	.48720	.47501	.48235	.49265	25.148	.49496
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49245	.49320	.51591	24.933	23.371	25.020	.50204
SDev	.00061	.00062	.00067	.007	.006	.002	.00021
%RSD	.12477	.12555	.13012	.02815	.02466	.00725	.04154
#1	.49289	.49364	.51639	24.938	23.375	25.021	.50190
#2	.49202	.49276	.51544	24.928	23.367	25.019	.50219
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.823	.50235	.50080	.49625	.49776	.50473	.49792
SDev	.132	.00031	.00100	.00143	.00129	.00235	.00082
%RSD	.53181	.06252	.19943	.28791	.25827	.46491	.16451
#1	24.729	.50213	.50009	.49524	.49685	.50307	.49849
#2	24.916	.50258	.50150	.49726	.49867	.50639	.49734
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50359	.50530	.51738	.51406	.49760	.48851	.50454
SDev	.00206	.00249	.00064	.00145	.00088	.00006	.00009
%RSD	.41004	.49225	.12331	.28183	.17759	.01252	.01696
#1	.50213	.50354	.51783	.51304	.49697	.48856	.50460
#2	.50505	.50706	.51692	.51509	.49822	.48847	.50448
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.49317	.49295
SDev	.00056	.00125
%RSD	.11269	.25272
#1	.49277	.49207
#2	.49356	.49383
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5450	--	--	--	--	--	--
SDev	9.651938	--	--	--	--	--	--
%RSD	.1770941	--	--	--	--	--	--
#1	5457	--	--	--	--	--	--
#2	5443	--	--	--	--	--	--

Analysis Report Blank Sample 04/04/06 07:54:44 PM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 04/04/06 19:49:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01045	.00035	.00091	-.00000	.00005	-.00084	.00000
SDev	.00295	.00073	.00019	.00006	.00002	.00016	.00017
%RSD	28.199	206.90	21.492	5979.2	37.722	19.154	8708.7
#1	.01254	-.00016	.00104	-.00004	.00004	-.00072	.00012
#2	.00837	.00087	.00077	.00004	.00007	-.00095	-.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00014	.00012	-.00055	.00814	.02451	.00199	-.00002
SDev	.00007	.00033	.00042	.00547	.00348	.00031	.00000
%RSD	46.984	274.76	76.147	67.242	14.194	15.476	.29171
#1	-.00019	.00035	-.00025	.00427	.02697	.00177	-.00003
#2	-.00010	-.00011	-.00085	.01201	.02205	.00221	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04318	.00029	.00121	.00179	.00160	-.00305	.00383
SDev	.13179	.00007	.00171	.00065	.00013	.00015	.00006
%RSD	305.18	24.772	140.83	36.518	8.2882	4.8480	1.5803
#1	.13637	.00024	.00242	.00133	.00169	-.00294	.00379
#2	-.05000	.00034	.00001	.00225	.00150	-.00315	.00388
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00189	-.00362	.00022	-.00082	.00009	.00063	.00069
SDev	.00290	.00123	.00005	.00550	.00013	.00023	.00136
%RSD	153.38	33.873	21.934	668.59	142.88	36.340	195.41
#1	.00016	-.00449	.00019	-.00471	-.00000	.00047	-.00026
#2	-.00394	-.00276	.00025	.00307	.00018	.00079	.00165
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.02000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00037	-.00099
SDev	.00047	.00140
%RSD	126.77	141.61
#1	.00004	-.00197
#2	.00070	.00000
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5497	--	--	--	--	--	--
SDev	2.969641	--	--	--	--	--	--
%RSD	.0540239	--	--	--	--	--	--
#1	5495	--	--	--	--	--	--
#2	5499	--	--	--	--	--	--

Analysis Report 03/29/06 07:03:33 AM page 1

STL Buffalo Analyst: AK Date: 3-29-06 Secondary Review: TWS Date: 3/29/06
Spikes: 5-MDL-18, 1-MDL-5, 6-138-E, 6-090-F, 2-MDL-17
Pippettes: 02-10-06-(1-12), 03-17-06-(13)

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	STD BLK 7-015-A	A032806	TRACE2	03/28/06	14:22		X	IR
2	STD 1 7-019-C	A032806	TRACE2	03/28/06	14:27		X	IR
3	STD 2 7-019-D	A032806	TRACE2	03/28/06	14:31		X	IR
4	STD 3 7-019-B	A032806	TRACE2	03/28/06	14:36		X	IR
5	STD 3 VER ↓	A032806	TRACE2	03/28/06	14:41	SW	B	CONC
6	ICV 7-019-E	A032806	TRACE2	03/28/06	14:45	SW	Q	CONC
7	ICV ↓	A032806	TRACE2	03/28/06	15:04	SW	Q	CONC
8	ICB 7-015-A	A032806	TRACE2	03/28/06	15:09	SW	B	CONC
9	CRI 7-006-A	A032806	TRACE2	03/28/06	15:14	SW	B	CONC
10	ICSA 7-018-B	A032806	TRACE2	03/28/06	15:19	SW	Q	CONC
11	ICSAB 7-012-C	A032806	TRACE2	03/28/06	15:23	SW	Q	CONC
12	CCV 7-015-F	A032806	TRACE2	03/28/06	15:30	SW	Q	CONC
13	CCB 7-015-A	A032806	TRACE2	03/28/06	15:34	SW	B	CONC
14	AD613906/PB	A032806	TRACE2	03/28/06	15:39	SW	S	CONC
15	AD613905/FB	A032806	TRACE2	03/28/06	15:44	SW	S	CONC
16	AD613902	A032806	TRACE2	03/28/06	15:49	SW	S	CONC
17	AD613902/L (1:5)	A032806	TRACE2	03/28/06	15:54	SW	S	CONC
18	AD613902/PS	A032806	TRACE2	03/28/06	15:59	SW	S	CONC
19	AD613903/MD	A032806	TRACE2	03/28/06	16:03	SW	S	CONC
20	AD613904/MS	A032806	TRACE2	03/28/06	16:17	SW	S	CONC
21	CRI	A032806	TRACE2	03/28/06	16:23	SW	B	CONC
22	ICSA	A032806	TRACE2	03/28/06	16:28	SW	Q	CONC
23	ICSAB	A032806	TRACE2	03/28/06	16:33	SW	Q	CONC
24	CCV	A032806	TRACE2	03/28/06	16:39	SW	Q	CONC
25	CCB	A032806	TRACE2	03/28/06	16:44	SW	B	CONC
26	AD613915/PB	A032806	TRACE2	03/28/06	16:48	SW	S	CONC
27	AD613914/FB	A032806	TRACE2	03/28/06	16:53	SW	S	CONC
28	AD613907 3083	A032806	TRACE2	03/28/06	16:58	SW	S	CONC
29	AD613908	A032806	TRACE2	03/28/06	17:03	SW	S	CONC
30	AD613909	A032806	TRACE2	03/28/06	17:08	SW	S	CONC
31	AD613909/L (1:5)	A032806	TRACE2	03/28/06	17:13	SW	S	CONC
32	AD613909/PS	A032806	TRACE2	03/28/06	17:17	SW	S	CONC
33	AD613910/MS	A032806	TRACE2	03/28/06	17:22	SW	S	CONC
34	AD613911/SD	A032806	TRACE2	03/28/06	17:27	SW	S	CONC
35	AD613912	A032806	TRACE2	03/28/06	17:32	SW	S	CONC
36	CCV	A032806	TRACE2	03/28/06	17:38	SW	Q	CONC
37	CCB	A032806	TRACE2	03/28/06	17:43	SW	B	CONC
38	AD613913 3134	A032806	TRACE2	03/28/06	17:48	SW	S	CONC
39	AD613881/PB	A032806	TRACE2	03/28/06	17:53	SW	S	CONC
40	AD613880/FB	A032806	TRACE2	03/28/06	17:57	SW	S	CONC
41	AD613862 3087	A032806	TRACE2	03/28/06	18:02	SW	S	CONC
42	AD613863	A032806	TRACE2	03/28/06	18:07	SW	S	CONC
43	AD613864	A032806	TRACE2	03/28/06	18:12	SW	S	CONC
44	AD613865 3145	A032806	TRACE2	03/28/06	18:17	SW	S	CONC
45	AD613866	A032806	TRACE2	03/28/06	18:22	SW	S	CONC
46	AD613867	A032806	TRACE2	03/28/06	18:26	SW	S	CONC
47	AD613868	A032806	TRACE2	03/28/06	18:31	SW	S	CONC
48	CCV	A032806	TRACE2	03/28/06	18:37	SW	Q	CONC
49	CCB	A032806	TRACE2	03/28/06	18:42	SW	B	CONC
50	AD613869	A032806	TRACE2	03/28/06	18:47	SW	S	CONC

Analysis Report Summary 03/29/06 07:03:33 AM page 2

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
51	AD613869/L (1:5) 3145	A032806	TRACE2	03/28/06	18:52	SW	S	CONC
52	AD613869/PS	A032806	TRACE2	03/28/06	18:57	SW	S	CONC
53	AD613870/MS	A032806	TRACE2	03/28/06	19:02	SW	S	CONC
54	AD613871/SD	A032806	TRACE2	03/28/06	19:06	SW	S	CONC
55	AD613872	A032806	TRACE2	03/28/06	19:11	SW	S	CONC
56	AD613873	A032806	TRACE2	03/28/06	19:16	SW	S	CONC
57	AD613874	A032806	TRACE2	03/28/06	19:21	SW	S	CONC
58	AD613875	A032806	TRACE2	03/28/06	19:26	SW	S	CONC
59	AD613876	A032806	TRACE2	03/28/06	19:31	SW	S	CONC
60	CCV	A032806	TRACE2	03/28/06	19:37	SW	Q	CONC
61	CCB	A032806	TRACE2	03/28/06	19:42	SW	B	CONC
62	AD613877	A032806	TRACE2	03/28/06	19:46	SW	S	CONC
63	AD613878	A032806	TRACE2	03/28/06	19:51	SW	S	CONC
64	AD613879 3149	A032806	TRACE2	03/28/06	19:56	SW	S	CONC
65	AD613841/PB	A032806	TRACE2	03/28/06	20:01	SW	S	CONC
66	AD613840/FB	A032806	TRACE2	03/28/06	20:06	SW	S	CONC
67	AD613822 3112	A032806	TRACE2	03/28/06	20:11	SW	S	CONC
68	AD613823	A032806	TRACE2	03/28/06	20:15	SW	S	CONC
69	AD613824	A032806	TRACE2	03/28/06	20:20	SW	S	CONC
70	AD613824/L (1:5)	A032806	TRACE2	03/28/06	20:25	SW	S	CONC
71	AD613824/PS	A032806	TRACE2	03/28/06	20:30	SW	S	CONC
72	CCV	A032806	TRACE2	03/28/06	20:36	SW	Q	CONC
73	CCB	A032806	TRACE2	03/28/06	20:41	SW	B	CONC
74	AD613825/MS	A032806	TRACE2	03/28/06	20:46	SW	S	CONC
75	AD613826/SD	A032806	TRACE2	03/28/06	20:51	SW	S	CONC
76	AD613827	A032806	TRACE2	03/28/06	20:56	SW	S	CONC
77	AD613828	A032806	TRACE2	03/28/06	21:00	SW	S	CONC
78	AD613829	A032806	TRACE2	03/28/06	21:05	SW	S	CONC
79	AD613830	A032806	TRACE2	03/28/06	21:10	SW	S	CONC
80	AD613831	A032806	TRACE2	03/28/06	21:15	SW	S	CONC
81	AD613832	A032806	TRACE2	03/28/06	21:20	SW	S	CONC
82	AD613833	A032806	TRACE2	03/28/06	21:25	SW	S	CONC
83	AD613834	A032806	TRACE2	03/28/06	21:29	SW	S	CONC
84	CCV	A032806	TRACE2	03/28/06	21:36	SW	Q	CONC
85	CCB	A032806	TRACE2	03/28/06	21:40	SW	B	CONC
86	STD BLK	A032806	TRACE2	03/28/06	21:50		X	IR
87	STD 1	A032806	TRACE2	03/28/06	21:55		X	IR
88	STD 2	A032806	TRACE2	03/28/06	21:59		X	IR
89	STD 3	A032806	TRACE2	03/28/06	22:04		X	IR
90	STD 3 VER	A032806	TRACE2	03/28/06	22:09	SW	B	CONC
91	ICV	A032806	TRACE2	03/28/06	22:13	SW	Q	CONC
92	ICB	A032806	TRACE2	03/28/06	22:18	SW	B	CONC
93	CRI	A032806	TRACE2	03/28/06	22:23	SW	B	CONC
94	ICSA	A032806	TRACE2	03/28/06	22:28	SW	Q	CONC
95	ICSAB	A032806	TRACE2	03/28/06	22:33	SW	Q	CONC
96	CCV	A032806	TRACE2	03/28/06	22:39	SW	Q	CONC
97	CCB	A032806	TRACE2	03/28/06	22:44	SW	B	CONC
98	AD613835 3143	A032806	TRACE2	03/28/06	22:49	SW	S	CONC
99	AD613836	A032806	TRACE2	03/28/06	22:53	SW	S	CONC
100	AD613837	A032806	TRACE2	03/28/06	22:58	SW	S	CONC
101	AD613838	A032806	TRACE2	03/28/06	23:03	SW	S	CONC
102	AD613839	A032806	TRACE2	03/28/06	23:08	SW	S	CONC
103	AD613781/PB	A032806	TRACE2	03/28/06	23:13	SW	S	CONC
104	AD613780/FB	A032806	TRACE2	03/28/06	23:18	SW	S	CONC

Analysis Report Summary 03/29/06 07:03:33 AM page 3

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
105	AD613761 3117	A032806	TRACE2	03/28/06	23:22	SW	S	CONC
106	AD613762	A032806	TRACE2	03/28/06	23:27	SW	S	CONC
107	AD613763	A032806	TRACE2	03/28/06	23:32	SW	S	CONC
108	CCV	A032806	TRACE2	03/28/06	23:38	SW	Q	CONC
109	CCB	A032806	TRACE2	03/28/06	23:43	SW	B	CONC
110	AD613764	A032806	TRACE2	03/28/06	23:48	SW	S	CONC
111	AD613765	A032806	TRACE2	03/28/06	23:53	SW	S	CONC
112	AD613765/L (1:5)	A032806	TRACE2	03/28/06	23:58	SW	S	CONC
113	AD613765/PS	A032806	TRACE2	03/29/06	00:03	SW	S	CONC
114	AD613766/MS	A032806	TRACE2	03/29/06	00:07	SW	S	CONC
115	AD613767/SD	A032806	TRACE2	03/29/06	00:12	SW	S	CONC
116	AD613768	A032806	TRACE2	03/29/06	00:17	SW	S	CONC
117	AD613769	A032806	TRACE2	03/29/06	00:22	SW	S	CONC
118	AD613770	A032806	TRACE2	03/29/06	00:27	SW	S	CONC
119	AD613771	A032806	TRACE2	03/29/06	00:32	SW	S	CONC
120	CCV	A032806	TRACE2	03/29/06	00:38	SW	Q	CONC
121	CCB	A032806	TRACE2	03/29/06	00:43	SW	B	CONC
122	AD613772	A032806	TRACE2	03/29/06	00:48	SW	S	CONC
123	AD613773	A032806	TRACE2	03/29/06	00:52	SW	S	CONC
124	AD613774	A032806	TRACE2	03/29/06	00:57	SW	S	CONC
125	AD613775	A032806	TRACE2	03/29/06	01:02	SW	S	CONC
126	AD613776	A032806	TRACE2	03/29/06	01:07	SW	S	CONC
127	AD613777 ~~3094~~ AK 32906	A032806	TRACE2	03/29/06	01:12	SW	S	CONC
128	AD613778	A032806	TRACE2	03/29/06	01:17	SW	S	CONC
129	AD613779	A032806	TRACE2	03/29/06	01:22	SW	S	CONC
130	AD613477 3025	A032806	TRACE2	03/29/06	01:26	SW	S	CONC
131	AD613478	A032806	TRACE2	03/29/06	01:31	SW	S	CONC
132	CCV	A032806	TRACE2	03/29/06	01:38	SW	Q	CONC
133	CCB	A032806	TRACE2	03/29/06	01:42	SW	B	CONC
134	AD613483 3025	A032806	TRACE2	03/29/06	01:47	SW	S	CONC
135	AD613484	A032806	TRACE2	03/29/06	01:52	SW	S	CONC
136	AD613485	A032806	TRACE2	03/29/06	01:57	SW	S	CONC
137	AD613504/(1:10) 3120	A032806	TRACE2	03/29/06	02:02	SW	S	CONC
138	AD613179 2909	A032806	TRACE2	03/29/06	02:07	SW	S	CONC
139	A6290910/R	A032806	TRACE2	03/29/06	02:12	SW	S	CONC
140	AD613155 2971	A032806	TRACE2	03/29/06	02:16	SW	S	CONC
141	A6297102/R	A032806	TRACE2	03/29/06	02:21	SW	S	CONC
142	CCV	A032806	TRACE2	03/29/06	02:28	SW	Q	CONC
143	CCB	A032806	TRACE2	03/29/06	02:32	SW	B	CONC

Curvefit Fit Status Summary 01/12/06 03:41:11 PM

Method: TRACE2
Mode: Concentration
Standards Table: NAKCAMG
Data File: BJAN1206

Element	Wavelength	Date-of-Fit	Type-of-Fit	Correlation
Ca3179	317.933	01/12/06 03:36	Full Fit	.999981
K_7664	766.491	01/12/06 03:36	Full Fit	.999890
Mg2790	279.078	01/12/06 03:37	Full Fit	.999973
Na3302	330.232	01/12/06 03:37	Full Fit	.999769

Calibration Report 01/12/06 03:09:02 PM page 1

Method: TRACE2 Standard Name: STD BLK Operator:
Run Time: 01/12/06 15:06:01
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	.0187368	-.013323	.0131973	.0092251
SDev	.0000522	.014416	.0025729	.0009780
%RSD	.2785264	108.2074	19.49542	10.60165
#1	.0187737	-.003129	.0113780	.0085335
#2	.0186999	-.023517	.0150166	.0099166
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3522	--	--	--	--	--	--
SDev	9.811107	--	--	--	--	--	--
%RSD	.2785278	--	--	--	--	--	--
#1	3516	--	--	--	--	--	--
#2	3529	--	--	--	--	--	--

Calibration Report

01/12/06 03:12:37 PM

Method: TRACE2 Standard Name: STD 1
Run Time: 01/12/06 15:09:37 Operator:
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	4.139975	7.338139	8.180307	.3290854
SDev	.014799	.039449	.028677	.0063283
%RSD	.3574726	.5375855	.3505662	1.923005
#1	4.150439	7.366034	8.200585	.3246106
#2	4.129510	7.310245	8.160029	.3335602
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3533	--	--	--	--	--	--
SDev	9.917276	--	--	--	--	--	--
%RSD	.2807349	--	--	--	--	--	--
#1	3540	--	--	--	--	--	--
#2	3526	--	--	--	--	--	--

Calibration Report 01/12/06 03:16:42 PM

Method: TRACE2 Standard Name: STD 2 Operator:
Run Time: 01/12/06 15:13:42
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	20.09482	33.58319	40.76353	1.591690
SDev	.02826	.08707	.03667	.011993
%RSD	.1406230	.2592807	.0899606	.7534580
#1	20.07484	33.64476	40.73760	1.600170
#2	20.11480	33.52162	40.78946	1.583210
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3509	--	--	--	--	--	--
SDev	16.65240	--	--	--	--	--	--
%RSD	.4745490	--	--	--	--	--	--
#1	3521	--	--	--	--	--	--
#2	3497	--	--	--	--	--	--

Calibration Report 01/12/06 03:20:30 PM

Method: TRACE2 Standard Name: STD 3 Operator:
Run Time: 01/12/06 15:17:30
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	40.33597	67.84751	83.22988	3.438724
SDev	.01648	.04579	.02288	.001151
%RSD	.0408663	.0674911	.0274958	.0334603
#1	40.32431	67.87989	83.21370	3.439537
#2	40.34763	67.81513	83.24606	3.437910
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3465	--	--	--	--	--	--
SDev	2.598652	--	--	--	--	--	--
%RSD	.0750077	--	--	--	--	--	--
#1	3463	--	--	--	--	--	--
#2	3466	--	--	--	--	--	--

Calibration Report 01/12/06 03:24:29 PM

Method: TRACE2 Standard Name: NAKCAMG100 Operator:
Run Time: 01/12/06 15:21:30
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	78.86287	127.0746	167.8150	7.177074
SDev	.04026	.3672	.0498	.016800
%RSD	.0510524	.2889405	.0296912	.2340797
#1	78.89134	126.8149	167.8502	7.165195
#2	78.83440	127.3342	167.7798	7.188953
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3426	--	--	--	--	--	--
SDev	4.295639	--	--	--	--	--	--
%RSD	.1253794	--	--	--	--	--	--
#1	3423	--	--	--	--	--	--
#2	3429	--	--	--	--	--	--

Calibration Report 01/12/06 03:28:33 PM

Method: TRACE2 Standard Name: NAKCAMG400 Operator:
Run Time: 01/12/06 15:25:33
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	287.0898	413.3951	689.8328	32.30347
SDev	.8149	.4500	1.6912	.07109
%RSD	.2838392	.1088577	.2451552	.2200606
#1	287.6660	413.7133	691.0286	32.35374
#2	286.5136	413.0769	688.6370	32.25321
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3251	--	--	--	--	--	--
SDev	8.379285	--	--	--	--	--	--
%RSD	.2577726	--	--	--	--	--	--
#1	3245	--	--	--	--	--	--
#2	3257	--	--	--	--	--	--

Analysis Report Summary 03/29/06 07:03:50 AM page 1

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	A6290910/R	A032806	TRACE2	03/29/06	02:12	SW	S	CONC
2	A6297102/R	A032806	TRACE2	03/29/06	02:21	SW	S	CONC
3	AD613155	A032806	TRACE2	03/29/06	02:16	SW	S	CONC
4	AD613179	A032806	TRACE2	03/29/06	02:07	SW	S	CONC
5	AD613477	A032806	TRACE2	03/29/06	01:26	SW	S	CONC
6	AD613478	A032806	TRACE2	03/29/06	01:31	SW	S	CONC
7	AD613483	A032806	TRACE2	03/29/06	01:47	SW	S	CONC
8	AD613484	A032806	TRACE2	03/29/06	01:52	SW	S	CONC
9	AD613485	A032806	TRACE2	03/29/06	01:57	SW	S	CONC
10	AD613504/(1:10)	A032806	TRACE2	03/29/06	02:02	SW	S	CONC
11	AD613761	A032806	TRACE2	03/28/06	23:22	SW	S	CONC
12	AD613762	A032806	TRACE2	03/28/06	23:27	SW	S	CONC
13	AD613763	A032806	TRACE2	03/28/06	23:32	SW	S	CONC
14	AD613764	A032806	TRACE2	03/28/06	23:48	SW	S	CONC
15	AD613765	A032806	TRACE2	03/28/06	23:53	SW	S	CONC
16	AD613765/L (1:5)	A032806	TRACE2	03/28/06	23:58	SW	S	CONC
17	AD613765/PS	A032806	TRACE2	03/29/06	00:03	SW	S	CONC
18	AD613766/MS	A032806	TRACE2	03/29/06	00:07	SW	S	CONC
19	AD613767/SD	A032806	TRACE2	03/29/06	00:12	SW	S	CONC
20	AD613768	A032806	TRACE2	03/29/06	00:17	SW	S	CONC
21	AD613769	A032806	TRACE2	03/29/06	00:22	SW	S	CONC
22	AD613770	A032806	TRACE2	03/29/06	00:27	SW	S	CONC
23	AD613771	A032806	TRACE2	03/29/06	00:32	SW	S	CONC
24	AD613772	A032806	TRACE2	03/29/06	00:48	SW	S	CONC
25	AD613773	A032806	TRACE2	03/29/06	00:52	SW	S	CONC
26	AD613774	A032806	TRACE2	03/29/06	00:57	SW	S	CONC
27	AD613775	A032806	TRACE2	03/29/06	01:02	SW	S	CONC
28	AD613776	A032806	TRACE2	03/29/06	01:07	SW	S	CONC
29	AD613777	A032806	TRACE2	03/29/06	01:12	SW	S	CONC
30	AD613778	A032806	TRACE2	03/29/06	01:17	SW	S	CONC
31	AD613779	A032806	TRACE2	03/29/06	01:22	SW	S	CONC
32	AD613780/FB	A032806	TRACE2	03/28/06	23:18	SW	S	CONC
33	AD613781/PB	A032806	TRACE2	03/28/06	23:13	SW	S	CONC
34	AD613822	A032806	TRACE2	03/28/06	20:11	SW	S	CONC
35	AD613823	A032806	TRACE2	03/28/06	20:15	SW	S	CONC
36	AD613824	A032806	TRACE2	03/28/06	20:20	SW	S	CONC
37	AD613824/L (1:5)	A032806	TRACE2	03/28/06	20:25	SW	S	CONC
38	AD613824/PS	A032806	TRACE2	03/28/06	20:30	SW	S	CONC
39	AD613825/MS	A032806	TRACE2	03/28/06	20:46	SW	S	CONC
40	AD613826/SD	A032806	TRACE2	03/28/06	20:51	SW	S	CONC
41	AD613827	A032806	TRACE2	03/28/06	20:56	SW	S	CONC
42	AD613828	A032806	TRACE2	03/28/06	21:00	SW	S	CONC
43	AD613829	A032806	TRACE2	03/28/06	21:05	SW	S	CONC
44	AD613830	A032806	TRACE2	03/28/06	21:10	SW	S	CONC
45	AD613831	A032806	TRACE2	03/28/06	21:15	SW	S	CONC
46	AD613832	A032806	TRACE2	03/28/06	21:20	SW	S	CONC
47	AD613833	A032806	TRACE2	03/28/06	21:25	SW	S	CONC
48	AD613834	A032806	TRACE2	03/28/06	21:29	SW	S	CONC
49	AD613835	A032806	TRACE2	03/28/06	22:49	SW	S	CONC
50	AD613836	A032806	TRACE2	03/28/06	22:53	SW	S	CONC
51	AD613837	A032806	TRACE2	03/28/06	22:58	SW	S	CONC
52	AD613838	A032806	TRACE2	03/28/06	23:03	SW	S	CONC
53	AD613839	A032806	TRACE2	03/28/06	23:08	SW	S	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
54	AD613840/FB	A032806	TRACE2	03/28/06	20:06	SW	S	CONC
55	AD613841/PB	A032806	TRACE2	03/28/06	20:01	SW	S	CONC
56	AD613862	A032806	TRACE2	03/28/06	18:02	SW	S	CONC
57	AD613863	A032806	TRACE2	03/28/06	18:07	SW	S	CONC
58	AD613864	A032806	TRACE2	03/28/06	18:12	SW	S	CONC
59	AD613865	A032806	TRACE2	03/28/06	18:17	SW	S	CONC
60	AD613866	A032806	TRACE2	03/28/06	18:22	SW	S	CONC
61	AD613867	A032806	TRACE2	03/28/06	18:26	SW	S	CONC
62	AD613868	A032806	TRACE2	03/28/06	18:31	SW	S	CONC
63	AD613869	A032806	TRACE2	03/28/06	18:47	SW	S	CONC
64	AD613869/L (1:5)	A032806	TRACE2	03/28/06	18:52	SW	S	CONC
65	AD613869/PS	A032806	TRACE2	03/28/06	18:57	SW	S	CONC
66	AD613870/MS	A032806	TRACE2	03/28/06	19:02	SW	S	CONC
67	AD613871/SD	A032806	TRACE2	03/28/06	19:06	SW	S	CONC
68	AD613872	A032806	TRACE2	03/28/06	19:11	SW	S	CONC
69	AD613873	A032806	TRACE2	03/28/06	19:16	SW	S	CONC
70	AD613874	A032806	TRACE2	03/28/06	19:21	SW	S	CONC
71	AD613875	A032806	TRACE2	03/28/06	19:26	SW	S	CONC
72	AD613876	A032806	TRACE2	03/28/06	19:31	SW	S	CONC
73	AD613877	A032806	TRACE2	03/28/06	19:46	SW	S	CONC
74	AD613878	A032806	TRACE2	03/28/06	19:51	SW	S	CONC
75	AD613879	A032806	TRACE2	03/28/06	19:56	SW	S	CONC
76	AD613880/FB	A032806	TRACE2	03/28/06	17:57	SW	S	CONC
77	AD613881/PB	A032806	TRACE2	03/28/06	17:53	SW	S	CONC
78	AD613902	A032806	TRACE2	03/28/06	15:49	SW	S	CONC
79	AD613902/L (1:5)	A032806	TRACE2	03/28/06	15:54	SW	S	CONC
80	AD613902/PS	A032806	TRACE2	03/28/06	15:59	SW	S	CONC
81	AD613903/MD	A032806	TRACE2	03/28/06	16:03	SW	S	CONC
82	AD613904/MS	A032806	TRACE2	03/28/06	16:17	SW	S	CONC
83	AD613905/FB	A032806	TRACE2	03/28/06	15:44	SW	S	CONC
84	AD613906/PB	A032806	TRACE2	03/28/06	15:39	SW	S	CONC
85	AD613907	A032806	TRACE2	03/28/06	16:58	SW	S	CONC
86	AD613908	A032806	TRACE2	03/28/06	17:03	SW	S	CONC
87	AD613909	A032806	TRACE2	03/28/06	17:08	SW	S	CONC
88	AD613909/L (1:5)	A032806	TRACE2	03/28/06	17:13	SW	S	CONC
89	AD613909/PS	A032806	TRACE2	03/28/06	17:17	SW	S	CONC
90	AD613910/MS	A032806	TRACE2	03/28/06	17:22	SW	S	CONC
91	AD613911/SD	A032806	TRACE2	03/28/06	17:27	SW	S	CONC
92	AD613912	A032806	TRACE2	03/28/06	17:32	SW	S	CONC
93	AD613913	A032806	TRACE2	03/28/06	17:48	SW	S	CONC
94	AD613914/FB	A032806	TRACE2	03/28/06	16:53	SW	S	CONC
95	AD613915/PB	A032806	TRACE2	03/28/06	16:48	SW	S	CONC
96	CCB	A032806	TRACE2	03/28/06	15:34	SW	B	CONC
97	CCB	A032806	TRACE2	03/28/06	16:44	SW	B	CONC
98	CCB	A032806	TRACE2	03/28/06	17:43	SW	B	CONC
99	CCB	A032806	TRACE2	03/28/06	18:42	SW	B	CONC
100	CCB	A032806	TRACE2	03/28/06	19:42	SW	B	CONC
101	CCB	A032806	TRACE2	03/28/06	20:41	SW	B	CONC
102	CCB	A032806	TRACE2	03/28/06	21:40	SW	B	CONC
103	CCB	A032806	TRACE2	03/28/06	22:44	SW	B	CONC
104	CCB	A032806	TRACE2	03/28/06	23:43	SW	B	CONC
105	CCB	A032806	TRACE2	03/29/06	00:43	SW	B	CONC
106	CCB	A032806	TRACE2	03/29/06	01:42	SW	B	CONC
107	CCB	A032806	TRACE2	03/29/06	02:32	SW	B	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
108	CCV	A032806	TRACE2	03/28/06	15:30	SW	Q	CONC
109	CCV	A032806	TRACE2	03/28/06	16:39	SW	Q	CONC
110	CCV	A032806	TRACE2	03/28/06	17:38	SW	Q	CONC
111	CCV	A032806	TRACE2	03/28/06	18:37	SW	Q	CONC
112	CCV	A032806	TRACE2	03/28/06	19:37	SW	Q	CONC
113	CCV	A032806	TRACE2	03/28/06	20:36	SW	Q	CONC
114	CCV	A032806	TRACE2	03/28/06	21:36	SW	Q	CONC
115	CCV	A032806	TRACE2	03/28/06	22:39	SW	Q	CONC
116	CCV	A032806	TRACE2	03/28/06	23:38	SW	Q	CONC
117	CCV	A032806	TRACE2	03/29/06	00:38	SW	Q	CONC
118	CCV	A032806	TRACE2	03/29/06	01:38	SW	Q	CONC
119	CCV	A032806	TRACE2	03/29/06	02:28	SW	Q	CONC
120	CRI	A032806	TRACE2	03/28/06	15:14	SW	B	CONC
121	CRI	A032806	TRACE2	03/28/06	16:23	SW	B	CONC
122	CRI	A032806	TRACE2	03/28/06	22:23	SW	B	CONC
123	ICB	A032806	TRACE2	03/28/06	15:09	SW	B	CONC
124	ICB	A032806	TRACE2	03/28/06	22:18	SW	B	CONC
125	ICSA	A032806	TRACE2	03/28/06	15:19	SW	Q	CONC
126	ICSA	A032806	TRACE2	03/28/06	16:28	SW	Q	CONC
127	ICSA	A032806	TRACE2	03/28/06	22:28	SW	Q	CONC
128	ICSAB	A032806	TRACE2	03/28/06	15:23	SW	Q	CONC
129	ICSAB	A032806	TRACE2	03/28/06	16:33	SW	Q	CONC
130	ICSAB	A032806	TRACE2	03/28/06	22:33	SW	Q	CONC
131	ICV	A032806	TRACE2	03/28/06	14:45	SW	Q	CONC
132	ICV	A032806	TRACE2	03/28/06	15:04	SW	Q	CONC
133	ICV	A032806	TRACE2	03/28/06	22:13	SW	Q	CONC
134	STD 1	A032806	TRACE2	03/28/06	14:27		X	IR
135	STD 1	A032806	TRACE2	03/28/06	21:55		X	IR
136	STD 2	A032806	TRACE2	03/28/06	14:31		X	IR
137	STD 2	A032806	TRACE2	03/28/06	21:59		X	IR
138	STD 3	A032806	TRACE2	03/28/06	14:36		X	IR
139	STD 3	A032806	TRACE2	03/28/06	22:04		X	IR
140	STD 3 VER	A032806	TRACE2	03/28/06	14:41	SW	B	CONC
141	STD 3 VER	A032806	TRACE2	03/28/06	22:09	SW	B	CONC
142	STD BLK	A032806	TRACE2	03/28/06	14:22		X	IR
143	STD BLK	A032806	TRACE2	03/28/06	21:50		X	IR

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
1	A6290910/R	1.7119	.00386	.01695	.17669	.00010	255.23
2	A6297102/R	.13496	.00294	.16410	.03995	.00006	238.86
3	AD613155	1.4037	.00298	.17327	.05406	.00026	247.23
4	AD613179	1.7782	.00493	.01875	.18186	.00017	258.27
5	AD613477	21.613	.01619	.02994	.15790	.00115	280.31
6	AD613478	37.540	.03141	.04402	.28290	.00188	384.67
7	AD613483	84.423	.03922	.12718	.58483	.00485	371.50
8	AD613484	48.535	.02170	.04411	.31157	.00257	191.01
9	AD613485	320.48	.09965	.14570	2.0546	.01650	230.75
10	AD613504/(1:10)	.14971	.03332	.45441	.01823	.00010	10.167
11	AD613761	.01313	.00145	L-.00893	.00414	-.00001	6.6661
12	AD613762	.01034	.00037	.02555	.02465	.00008	69.313
13	AD613763	.01352	.00255	.39612	.01434	.00010	72.546
14	AD613764	.01124	.00142	.39885	.02521	.00010	96.205
15	AD613765	.01390	.00075	.00446	.04454	.00011	125.07
16	AD613765/L (1:5)	.00713	-.00120	-.00647	.00880	.00004	24.387
17	AD613765/PS	9.8834	.20083	.20120	.24591	.20157	130.53
18	AD613766/MS	10.258	.21047	.20204	.25662	.20691	134.56
19	AD613767/SD	10.097	.20492	.19980	.25335	.19959	130.12
20	AD613768	.01771	.00198	.07992	.03868	.00006	74.781
21	AD613769	.01630	-.00083	.24479	.03314	.00016	99.649
22	AD613770	.00684	.00032	.05513	.05398	.00011	107.73
23	AD613771	.01582	.00457	.19026	.03792	.00004	58.642
24	AD613772	.02343	.00417	.13425	.04633	.00003	55.397
25	AD613773	.00779	.00225	.14633	.08671	.00010	122.18
26	AD613774	.00800	.00053	.11259	.04885	.00009	138.98
27	AD613775	.00747	.00224	.00995	.02823	.00007	90.976
28	AD613776	.01836	.00082	.42790	.04884	.00008	76.130
29	AD613777	.00687	.00484	.05617	.06464	.00007	109.56
30	AD613778	.00927	.00257	.00331	.09129	.00006	88.155
31	AD613779	.01516	.00120	.23409	.02260	.00010	74.103
32	AD613780/FB	10.191	.20534	.19272	.21195	.20609	10.087
33	AD613781/PB	.01669	.00134	-.00713	-.00010	.00000	.02630
34	AD613822	.07560	.10867	16.096	1.6472	.00112	510.37
35	AD613823	.20227	.04141	.27319	.37763	.00032	67.518
36	AD613824	.03875	.02591	.37758	.16562	.00022	49.249
37	AD613824/L (1:5)	.01493	.00393	.07642	.03354	.00012	9.6619
38	AD613824/PS	10.245	.24006	.56917	.38885	.20792	58.773
39	AD613825/MS	10.571	.24147	.58076	.39899	.20978	60.458
40	AD613826/SD	10.590	.24332	.58065	.40204	.20958	60.558
41	AD613827	.01946	.00245	.52786	1.1373	.00027	61.426
42	AD613828	.03696	.01693	3.4605	.32433	.00038	173.41
43	AD613829	1.6042	.00882	2.5961	.92739	.00043	147.16
44	AD613830	.06302	.00516	5.8190	1.1071	.00024	72.429
45	AD613831	.02282	.00168	.64862	.12572	.00025	174.95
46	AD613832	.11946	.48967	1.0377	2.9441	.00078	202.34
47	AD613833	.04901	.02045	28.347	1.4595	.00085	396.39
48	AD613834	3.1427	.08821	4.5857	1.0452	.00056	134.07
49	AD613835	1.1633	.00277	.00058	.10698	.00014	63.298
50	AD613836	.02240	.00331	.02229	.91635	.00020	201.90
51	AD613837	.02138	.00393	.02181	.93078	.00021	218.24
52	AD613838	.05236	.00156	.04271	.85907	.00018	183.53
53	AD613839	.06174	.00076	.00597	.09294	.00015	164.93

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
54	AD613840/FB	10.465	.21409	.20149	H.23232	.20977	10.423
55	AD613841/PB	.01506	-.00198	.00220	.00011	.00002	.01613
56	AD613862	.01373	.02753	.03713	.42459	.00017	101.38
57	AD613863	.01223	-.00116	.09244	.06014	.00013	104.93
58	AD613864	.01661	.00012	.08876	.49332	.00010	76.822
59	AD613865	.25409	.00498	.12442	.16600	.00015	89.012
60	AD613866	.19272	.02673	.38421	.10959	.00011	54.390
61	AD613867	.08645	.00083	.02442	.27289	.00017	132.33
62	AD613868	.05447	-.00149	.00931	.07192	.00009	77.331
63	AD613869	.03387	-.00108	.00986	.31639	.00014	53.994
64	AD613869/L (1:5)	.01042	-.00022	.00188	.06329	.00009	10.614
65	AD613869/PS	9.9260	.21093	.20360	.52907	.20429	63.271
66	AD613870/MS	10.362	.21356	.21000	.55875	.20834	66.635
67	AD613871/SD	10.363	.21041	.21030	.54112	.20542	64.755
68	AD613872	.99284	.00256	.01257	.12903	.00015	53.375
69	AD613873	1.0098	.00113	.05664	.28682	.00030	217.69
70	AD613874	.72141	.00583	.03575	.31989	.00029	233.23
71	AD613875	.29776	-.00027	.01114	.36108	.00013	52.509
72	AD613876	1.2623	.01910	.02099	.61368	.00022	141.37
73	AD613877	.94351	.00133	.02004	.17840	.00021	42.003
74	AD613878	.30914	.00310	.01067	.37697	.00017	53.328
75	AD613879	.01597	-.00120	.00147	.00025	.00000	.03663
76	AD613880/FB	9.9552	.20261	.19577	.21288	.20007	9.8710
77	AD613881/PB	.01175	-.00084	.00256	.00003	.00000	.02761
78	AD613902	7.6004	.00602	5.0069	.04971	.00337	C.00000
79	AD613902/L (1:5)	1.7159	.00110	.95479	.01127	.00098	H970.41
80	AD613902/PS	21.757	.24665	5.2465	.26496	.18774	C.00000
81	AD613903/MD	7.7584	.00706	5.1070	.05351	.00343	C.00000
82	AD613904/MS	9.2667	.05125	4.8978	1.9883	.04726	C.00000
83	AD613905/FB	9.8020	.19790	.19235	.20438	.19955	9.7516
84	AD613906/PB	.01642	-.00221	.00121	.00000	.00000	.01657
85	AD613907	.34781	-.00065	.11901	.00993	.00002	22.809
86	AD613908	.27172	-.00108	.11124	.01365	.00002	24.736
87	AD613909	2.5230	-.00008	.01990	.01480	.00010	17.079
88	AD613909/L (1:5)	1.0279	.00783	.01047	.00610	-.00050	7.8532
89	AD613909/PS	12.346	.20444	.21444	.22372	.20393	26.876
90	AD613910/MS	12.722	.20938	.21675	.23506	.20634	27.592
91	AD613911/SD	12.610	.20595	.21446	.22786	.20423	27.036
92	AD613912	1.5818	-.00058	.15310	.02107	.00013	38.396
93	AD613913	.13076	-.00012	.03845	.02776	.00007	39.799
94	AD613914/FB	10.030	.20098	.19878	.20898	.20330	9.9661
95	AD613915/PB	.01222	-.00188	.00238	.00010	.00000	.08322
96	CCB	.02915	.00036	.00130	.00000	.00003	.02743
97	CCB	.04171	-.00050	.00422	.00011	.00027	.07081
98	CCB	.04289	-.00023	.00119	.00013	.00018	.04289
99	CCB	.04475	-.00095	.00098	.00016	.00018	.03582
100	CCB	.04695	-.00204	.00148	.00019	.00021	.03657
101	CCB	.01211	-.00264	.00283	.00000	.00017	-.00676
102	CCB	.01766	-.00072	.01816	.00012	.00023	-.00191
103	CCB	.01357	.00064	L-.00679	.00001	.00011	-.00279
104	CCB	.01295	.00174	L-.00847	.00002	.00015	-.00168
105	CCB	.01176	.00149	L-.00928	.00000	.00012	-.00204
106	CCB	.00556	-.00058	L-.00982	-.00008	.00002	-.00421
107	CCB	.00935	.00239	L-.00945	-.00008	.00009	-.00148

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
108	CCV	24.715	.48604	.48126	.47434	.49805	24.978
109	CCV	25.250	.49552	.49046	.50297	.50752	25.738
110	CCV	25.617	.50222	.49055	.51632	.51053	26.012
111	CCV	25.938	.50920	.49556	.53212	.51662	26.407
112	CCV	26.037	.51176	.49346	.53870	.51607	26.451
113	CCV	26.362	.52427	.50130	Q.56547	.52183	26.915
114	CCV	26.354	.52840	.52110	Q.57908	.52031	27.007
115	CCV	25.107	.48664	.48293	.48470	.50361	25.218
116	CCV	25.169	.48506	.47665	.49258	.50273	25.296
117	CCV	25.488	.49408	.48430	.50672	.50847	25.700
118	CCV	25.286	.49222	.48033	.50674	.50262	25.398
119	CCV	25.323	.49638	.48256	.51931	.50567	25.698
120	CRI	.19825	.00850	.06738	.00188	.00198	.48148
121	CRI	.20792	.00915	.07492	.00221	.00205	.54299
122	CRI	.21025	.00960	.06217	.00206	.00207	.51124
123	ICB	-.00090	-.00170	.00115	.00006	.00005	.00655
124	ICB	.00723	-.00052	-.00499	.00002	.00014	-.00462
125	ICSA	510.65	-.00257	.00426	.01202	.00140	540.29
126	ICSA	514.05	.00063	.00888	.01262	.00143	548.80
127	ICSA	506.17	.00261	-.00304	.01206	.00139	533.76
128	ICSAB	521.60	.10586	.00885	.52390	.50310	558.96
129	ICSAB	512.48	.10289	.01227	.52137	.49498	549.37
130	ICSAB	522.80	.10544	.00115	.53440	.50198	561.00
131	ICV	18.904	.36498	.37113	Q.35454	.37959	18.972
132	ICV	18.539	.36225	.36497	Q.34863	.37455	18.659
133	ICV	19.032	.36804	.36717	.36593	.38115	19.001
134	STD 1	8.64205	.96929	1.5943	4.14004	6.63073	
135	STD 1	8.38388	.93162	1.74383	3.85664	6.60254	
136	STD 2	42.8746	4.78492	7.51209	21.1338	32.1925	
137	STD 2	41.6663	4.55866	7.57231	19.3056	31.905	
138	STD 3	86.6038	9.59421	14.9996	41.8066	63.9216	46.8501
139	STD 3	84.1948	9.15971	15.0933	39.2354	63.5157	45.16
140	STD 3 VER	50.215	.99354	1.0074	.97750	.99661	50.359
141	STD 3 VER	50.109	.98998	1.0024	1.0036	.99136	50.196
142	STD BLK	.06494	.01432	.10421	.00523	.20531	.02199
143	STD BLK	.04617	-.00857	.27587	.01083	.21075	.04871

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
1	A6290910/R	.00009	.00178	.03060	.02992	.07991	25.861
2	A6297102/R	.00006	.00091	.00105	.00091	.17798	6.2507
3	AD613155	.00004	.00120	.00301	.00252	2.1884	6.4315
4	AD613179	-.00014	.00143	.03708	.03186	.34584	24.035
5	AD613477	.00084	.01449	.02796	.03785	39.442	9.2958
6	AD613478	.00349	.03205	.05242	.08118	69.895	11.069
7	AD613483	.00769	.05836	.09615	.13944	137.54	22.277
8	AD613484	.00648	.02999	.05652	.07152	73.598	11.801
9	AD613485	.01323	.18540	.36348	.51688	451.37	59.992
10	AD613504/(1:10)	.00005	.00278	.09265	.00110	.48751	29.174
11	AD613761	-.00005	.00008	.00029	-.00070	.00384	.22387
12	AD613762	.00002	.00033	.00039	.00282	.01364	.56424
13	AD613763	.00000	.00015	.00036	-.00008	-.00213	2.2522
14	AD613764	-.00005	.00059	.00043	-.00036	.02153	4.0351

Analysis Report Averages 03/29/06 07:03:50 AM page 7

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
15	AD613765	-.00010	.00025	.00011	.00153	.00579	1.1385
16	AD613765/L (1:5)	-.00003	.00010	-.00007	-.00004	.00012	.19647
17	AD613765/PS	.19829	.19579	.20088	.21311	10.124	11.538
18	AD613766/MS	.20250	.20405	.20398	.21070	10.225	11.641
19	AD613767/SD	.19606	.19712	.19675	.20204	9.8227	11.469
20	AD613768	.00000	.00037	.00045	.00422	.00842	.58915
21	AD613769	-.00011	.00036	-.00002	.00232	-.00270	3.9975
22	AD613770	-.00010	.00055	.00007	.00122	.00752	.90182
23	AD613771	.00000	.00014	.00006	.00057	.00343	2.2147
24	AD613772	-.00003	.00044	.00037	-.00021	.00449	4.6354
25	AD613773	-.00001	.00056	.00000	.00018	-.00499	2.8086
26	AD613774	-.00010	.00069	.00001	.00038	.01553	1.0830
27	AD613775	.00012	.00003	.00040	.00152	-.00722	1.9965
28	AD613776	-.00007	.00028	.00059	.00045	.00350	2.0842
29	AD613777	-.00017	.00046	.00015	-.00062	-.01732	1.1255
30	AD613778	-.00006	.00041	.00024	.00002	-.00161	.97277
31	AD613779	-.00001	.00042	.00027	-.00098	-.00723	2.0696
32	AD613780/FB	.20430	.20571	.20458	.20703	10.219	10.028
33	AD613781/PB	-.00017	.00008	-.00001	-.00062	.00278	-.01853
34	AD613822	-.00122	.02404	.04001	.10385	11.384	H643.30
35	AD613823	-.00027	.00093	.00183	.02055	1.0109	7.2292
36	AD613824	-.00039	.00006	.00164	.02371	2.0715	6.1335
37	AD613824/L (1:5)	-.00025	-.00017	.00050	.00306	.41663	1.0372
38	AD613824/PS	.20421	.19988	.20319	.24976	12.100	17.865
39	AD613825/MS	.20471	.20503	.20508	.25016	12.142	18.278
40	AD613826/SD	.20430	.20402	.20439	.26436	12.110	18.217
41	AD613827	-.00056	.00188	-.00022	.05269	5.0708	14.565
42	AD613828	-.00073	.00957	.01710	.12088	21.959	94.849
43	AD613829	-.00047	.01330	.10161	.09955	31.186	38.414
44	AD613830	-.00034	.00160	.00865	.05658	.57752	146.30
45	AD613831	-.00069	-.00014	-.00029	.03526	28.551	6.5714
46	AD613832	L-.00675	.00814	.31229	.00282	442.07	48.142
47	AD613833	.00283	.07155	.13601	.19392	2.4986	C.00000
48	AD613834	-.00064	.01212	.02415	.84033	69.944	93.350
49	AD613835	.00017	.00333	.00178	.00163	10.747	1.1564
50	AD613836	.00125	.00083	.00099	-.00008	92.067	3.3705
51	AD613837	.00159	.00094	.00153	-.00009	96.551	3.4581
52	AD613838	.00175	.00063	.00512	.00056	93.433	4.5604
53	AD613839	.00026	.00012	.00041	.00019	22.245	15.386
54	AD613840/FB	.20545	.20536	.20443	.21401	10.140	10.199
55	AD613841/PB	-.00007	-.00001	-.00028	-.00221	-.00568	-.00137
56	AD613862	-.00024	.00032	.00012	-.00103	2.7933	1.4716
57	AD613863	-.00004	-.00008	.00000	-.00024	.01241	2.6237
58	AD613864	-.00022	-.00001	.00041	-.00071	.30494	1.9246
59	AD613865	-.00016	-.00003	.00019	-.00140	7.6348	1.3763
60	AD613866	-.00016	.00003	-.00001	-.00147	.62753	1.1047
61	AD613867	-.00020	.00065	.00025	-.00078	35.279	1.7929
62	AD613868	-.00034	-.00042	-.00002	-.00113	6.5044	.32051
63	AD613869	-.00020	.00734	.00062	-.00125	7.8880	1.1064
64	AD613869/L (1:5)	-.00019	.00088	.00011	-.00135	1.5945	.20378
65	AD613869/PS	.19981	.20359	.19993	.21411	17.747	11.511
66	AD613870/MS	.20316	.21074	.20228	.21104	17.348	11.725
67	AD613871/SD	.19992	.20907	.20139	.20854	17.394	11.800
68	AD613872	-.00027	.00166	.00116	.00016	8.9869	1.8248

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
69	AD613873	-.00059	.00046	.00103	-.00098	36.843	2.9319
70	AD613874	-.00088	.00053	.00151	-.00091	55.927	2.9324
71	AD613875	-.00040	.00198	.00064	-.00156	19.063	1.4913
72	AD613876	-.00049	.00129	.00161	.00158	53.841	6.4596
73	AD613877	-.00050	.00074	.00156	-.00009	24.167	5.2093
74	AD613878	-.00031	.00202	.00071	-.00125	26.969	1.5171
75	AD613879	-.00004	-.00047	.00003	-.00197	.02270	.00660
76	AD613880/FB	.19767	.19801	.19757	.20192	9.8661	9.8279
77	AD613881/PB	-.00003	-.00040	-.00019	-.00078	-.00161	.00570
78	AD613902	.00217	.00521	.37562	.02147	11.818	H746.50
79	AD613902/L (1:5)	.00057	.00124	.08182	.00406	2.6378	103.05
80	AD613902/PS	.18230	.19016	.56531	.28786	20.921	H796.89
81	AD613903/MD	.00206	.00532	.35299	.02094	11.785	H771.11
82	AD613904/MS	.04424	.45834	.50613	.31775	12.169	H717.01
83	AD613905/FB	.19815	.20022	.19875	.19996	9.9651	9.7742
84	AD613906/PB	.00000	-.00044	.00007	-.00099	.01150	-.00124
85	AD613907	-.00014	.00012	.00224	-.00034	.23481	1.1970
86	AD613908	-.00008	.00047	.00043	-.00088	.26247	1.3008
87	AD613909	-.00007	.00087	.00221	.00079	1.7063	1.8047
88	AD613909/L (1:5)	.00059	.00242	.00249	-.00037	.81441	.81260
89	AD613909/PS	.20138	.20025	.20404	.21480	11.864	11.888
90	AD613910/MS	.20316	.20456	.20485	.21003	11.865	11.968
91	AD613911/SD	.20058	.20354	.20429	.20743	11.815	11.932
92	AD613912	-.00008	.00070	.00169	.00209	.87727	6.5915
93	AD613913	.00002	-.00028	.00051	.00384	.18101	2.1407
94	AD613914/FB	.20110	.20383	.20306	.20375	10.147	10.005
95	AD613915/PB	.00004	.00004	.00013	-.00112	.00527	.00812
96	CCB	.00005	-.00038	-.00012	-.00077	.02182	.00161
97	CCB	.00008	-.00042	-.00015	-.00125	.01153	.00454
98	CCB	.00003	.00029	.00003	-.00108	.01812	.00954
99	CCB	-.00023	-.00032	-.00006	-.00198	.01287	.00300
100	CCB	-.00008	-.00015	.00015	-.00221	.01888	.00671
101	CCB	-.00004	.00011	-.00013	-.00303	.00423	.00305
102	CCB	-.00023	-.00013	.00010	-.00297	.01636	.00971
103	CCB	.00007	.00029	.00049	-.00019	.00789	-.01787
104	CCB	.00001	.00008	.00001	-.00081	.00905	-.02121
105	CCB	.00004	-.00002	.00002	-.00094	-.00162	-.01807
106	CCB	-.00004	-.00011	.00017	-.00102	.00177	-.01565
107	CCB	.00001	-.00032	.00002	-.00084	.00761	-.01691
108	CCV	.48886	.49628	.50020	.51331	25.098	24.915
109	CCV	.49556	.50119	.50491	.52595	25.300	25.257
110	CCV	.49755	.50044	.50440	.53319	25.276	25.321
111	CCV	.50164	.50248	.50630	.54180	25.301	25.433
112	CCV	.49972	.50038	.50341	.54525	25.184	25.531
113	CCV	.50416	.50181	.50295	Q.55743	25.116	25.832
114	CCV	.50087	.49752	.49757	Q.56020	24.840	25.965
115	CCV	.49223	.49894	.50294	.52196	25.184	25.263
116	CCV	.49122	.49463	.49872	.52209	24.975	25.034
117	CCV	.49687	.49927	.50227	.53156	25.131	25.190
118	CCV	.49077	.49353	.49553	.52821	24.787	25.031
119	CCV	.49496	.49501	.49472	.53143	24.911	24.999
120	CRI	.00089	.00382	.00411	.00947	.05232	.44944
121	CRI	.00097	.00378	.00380	.00862	.05235	.46130
122	CRI	.00105	.00435	.00390	.01000	.04795	.44096

Analysis Report Averages 03/29/06 07:03:50 AM page 9

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
123	ICB	.00017	-.00067	-.00025	.00061	.00073	.01535
124	ICB	.00024	.00017	.00036	-.00060	.00678	-.00721
125	ICSA	.00154	.00064	-.01328	.00047	194.61	.00117
126	ICSA	.00057	.00083	-.01323	-.00071	194.28	-.00072
127	ICSA	.00469	.00081	-.01295	-.00002	190.69	-.02245
128	ICSAB	.98274	.49856	.49102	.54948	98.084	-.00101
129	ICSAB	.96435	.48864	.48106	.54122	96.133	-.00506
130	ICSAB	.97956	.49338	.48478	.55153	96.967	-.02112
131	ICV	.37318	.37887	.38121	.38949	19.134	18.822
132	ICV	.36897	.37439	.37744	.38308	18.960	18.509
133	ICV	.37330	.37687	.38022	.39364	19.075	18.929
134	STD 1	11.3303	.68299	1.77073	.87932	1.53956	
135	STD 1	11.3734	.70761	1.84521	.86285	1.62789	
136	STD 2	56.0081	3.41517	8.7223	4.19337	7.58874	
137	STD 2	55.9175	3.52749	9.0937	3.95391	8.0333	
138	STD 3	111.399	6.82914	17.4705	8.33602	15.1687	60.1007
139	STD 3	111.652	7.04017	18.1425	7.87947	15.992	60.0757
140	STD 3 VER	.99729	1.0034	1.0036	.99765	50.161	50.864
141	STD 3 VER	.98844	.98983	.99051	.99706	49.499	50.883
142	STD BLK	-.02533	-.00576	.00279	.0604	-.00087	-.03192
143	STD BLK	-.02159	-.00866	.0018	.08516	.00091	.00967

#	Sample Name	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
1	A6290910/R	.11371	.00495	.25325	352.74	.03243	.00338
2	A6297102/R	68.030	.04739	.00039	50.015	.00293	-.00110
3	AD613155	70.537	.06348	.00306	50.771	.00418	.00020
4	AD613179	.12993	.00702	.27335	348.95	.03453	.00129
5	AD613477	85.407	1.3222	.00206	22.377	.05414	.01566
6	AD613478	117.17	2.4901	.00394	20.018	.07340	.02884
7	AD613483	88.569	4.6120	.02087	61.784	.12748	.04998
8	AD613484	78.083	1.2351	.00510	20.143	.08012	.03047
9	AD613485	152.20	8.3708	.01026	257.67	.46164	.19194
10	AD613504/(1:10)	5.8262	.06240	.00894	433.60	.02599	.00436
11	AD613761	1.8029	.00003	.00108	3.0406	.00015	-.00037
12	AD613762	44.256	.00328	.00229	33.266	.00088	-.00166
13	AD613763	38.615	.01399	.06031	88.972	-.00024	.00080
14	AD613764	60.897	.02361	.03719	123.04	.03007	.00066
15	AD613765	47.719	.00866	.00067	9.6765	.00046	-.00174
16	AD613765/L (1:5)	9.5005	.00157	.00044	1.8663	.00003	-.00123
17	AD613765/PS	56.459	.20686	.20284	19.801	.20189	.19719
18	AD613766/MS	57.710	.21357	.20713	20.151	.20483	.20773
19	AD613767/SD	55.725	.20547	.19943	19.653	.19795	.19814
20	AD613768	38.559	.04443	.00476	60.596	.00157	.00153
21	AD613769	70.089	.02774	.02502	60.174	.00795	.00003
22	AD613770	39.575	.52673	.01990	31.798	.00105	-.00111
23	AD613771	33.224	.02906	.02137	55.746	.00677	-.00061
24	AD613772	29.024	.02621	.01680	49.368	.00659	.00239
25	AD613773	70.326	.02195	.00277	26.170	.00620	-.00340
26	AD613774	75.297	.24970	.00769	71.536	.00727	-.00009
27	AD613775	39.503	.00069	.00146	4.8073	.00072	.00109
28	AD613776	35.095	.02461	.04281	79.034	.00079	.00188
29	AD613777	56.176	.01280	.00671	20.120	.00137	-.00105

#	Sample Name	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
30	AD613778	45.876	.01345	.00384	6.6457	.00124	-.00026
31	AD613779	49.699	.01940	.02868	54.143	.00328	-.00182
32	AD613780/FB	10.242	.20343	.20463	10.358	.20718	.20831
33	AD613781/PB	.00054	-.00011	.00071	.20723	-.00037	.00207
34	AD613822	278.68	5.9753	.04456	H3170.1	.08629	.01112
35	AD613823	19.981	3.0825	.09633	240.52	.01185	.00540
36	AD613824	6.0989	1.4076	.03140	265.05	.06387	.00699
37	AD613824/L (1:5)	1.2213	.28108	.00662	53.220	.01275	.00319
38	AD613824/PS	16.115	1.5498	.23673	270.09	.27162	.20427
39	AD613825/MS	16.297	1.6078	.23918	279.92	.27276	.21024
40	AD613826/SD	16.273	1.5995	.23880	278.46	.27294	.20969
41	AD613827	13.248	3.7719	.01884	98.860	.00892	.01252
42	AD613828	58.481	4.0657	.00364	418.45	.04934	.00381
43	AD613829	62.617	2.1678	.21710	H953.03	.30230	.00640
44	AD613830	62.808	.29063	.01482	569.19	.04550	.00918
45	AD613831	53.280	2.7798	.00620	26.849	.00253	.00491
46	AD613832	58.223	3.2720	.01277	106.84	.16742	.00248
47	AD613833	244.37	3.0071	.17505	H2668.7	1.1656	.01311
48	AD613834	86.484	.60318	.00730	412.59	.07138	.01607
49	AD613835	14.887	.71486	.00116	61.434	.00385	.00241
50	AD613836	40.842	.39874	.00126	6.5359	.00077	.00025
51	AD613837	38.207	.43370	.00107	8.0133	.00026	-.00141
52	AD613838	35.258	.21380	.00099	10.054	.00077	-.00033
53	AD613839	30.903	.82141	.00061	14.824	.00000	.00129
54	AD613840/FB	10.239	.20163	.20540	10.965	.21069	.20796
55	AD613841/PB	.00285	.00015	.00014	.14337	-.00009	.00169
56	AD613862	45.771	.03509	.01497	11.797	.00080	-.00019
57	AD613863	50.615	.00055	.00272	13.813	.00017	.00213
58	AD613864	42.509	.26062	.02400	15.416	.00077	.00151
59	AD613865	20.621	.41823	.00061	78.575	.00083	.00326
60	AD613866	27.100	.05589	.00118	144.07	.00197	.00089
61	AD613867	27.618	.71540	.00087	35.670	.00100	-.00019
62	AD613868	12.481	1.4568	.00064	5.1080	.00017	.00447
63	AD613869	14.600	.10257	-.00061	47.398	.02760	.00056
64	AD613869/L (1:5)	2.9263	.02062	.00008	9.6848	.00524	.00479
65	AD613869/PS	24.393	.29591	.20289	56.549	.23136	.20111
66	AD613870/MS	25.191	.29954	.20547	59.038	.23546	.20565
67	AD613871/SD	24.716	.30071	.20282	58.722	.23233	.19886
68	AD613872	9.4421	1.1711	.00177	27.000	.00285	.00309
69	AD613873	49.526	.46794	.00168	9.1582	.00073	.00387
70	AD613874	49.998	.55140	.00155	7.8552	.00193	.00338
71	AD613875	14.898	.26580	.00062	78.641	.00310	.00093
72	AD613876	25.742	.29560	.00204	6.3417	.00212	.00260
73	AD613877	9.3138	1.2520	.00149	51.365	.00192	.00259
74	AD613878	15.139	.27037	.00052	80.100	.00277	.00227
75	AD613879	.00775	.00042	.00002	.36964	-.00001	.00435
76	AD613880/FB	9.8228	.19586	.19844	10.553	.20147	.20073
77	AD613881/PB	.00775	.00010	.00044	.06217	-.00017	.00555
78	AD613902	H2418.5	.52149	.00933	H6092.0	.17472	.00998
79	AD613902/L (1:5)	571.92	.11112	.00173	H2617.9	.03996	.00310
80	AD613902/PS	H2404.8	.70732	.22871	H6105.8	.35501	.21292
81	AD613903/MD	H2418.2	.52108	.00951	H6167.5	.16847	.01033
82	AD613904/MS	H2349.4	.96441	.00792	H5996.1	.57033	.03531
83	AD613905/FB	9.9194	.19820	.19992	10.223	.20007	.20058

Analysis Report Averages 03/29/06 07:03:50 AM page 11

#	Sample Name	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
84	AD613906/PB	.01562	.00008	-.00017	.05406	.00015	.00057
85	AD613907	2.5027	.01838	.00095	3.3464	.00259	.00227
86	AD613908	2.2101	.03787	.00084	1.5996	.00327	.00086
87	AD613909	2.0902	.84481	.00146	3.5388	.00744	.00376
88	AD613909/L (1:5)	.92829	.39452	.00035	1.7125	.00448	-.01680
89	AD613909/PS	12.125	1.0207	.20433	13.445	.21103	.20155
90	AD613910/MS	12.165	1.1704	.20463	13.591	.21300	.20506
91	AD613911/SD	12.040	1.1867	.20305	13.489	.20991	.20315
92	AD613912	3.8995	.03507	.00311	2.7855	.00320	.00139
93	AD613913	9.0994	.00482	.02095	53.350	.01710	.00352
94	AD613914/FB	9.9972	.20166	.20251	10.617	.20369	.20213
95	AD613915/PB	.06436	.00001	.00000	.78455	-.00012	.00251
96	CCB	.03360	.00011	.00153	.15531	.00006	.00359
97	CCB	.07078	.00013	.00007	.59226	.00004	.00411
98	CCB	.04550	.00017	.00102	.18794	.00047	.00153
99	CCB	.03697	.00025	.00073	.05790	-.00002	.00173
100	CCB	.04130	.00026	.00050	-.00708	.00005	.00388
101	CCB	.00420	.00014	.00107	.22477	.00000	.00175
102	CCB	.01004	.00018	.00042	.18864	.00057	.00195
103	CCB	.00642	-.00004	.00139	-.14859	.00009	.00218
104	CCB	.00352	.00000	.00093	-.17498	-.00012	-.00031
105	CCB	.00469	-.00009	.00122	-.12633	-.00019	.00157
106	CCB	-.00083	-.00011	.00130	-.07773	-.00014	.00069
107	CCB	-.00337	-.00008	.00163	-.07763	-.00001	.00151
108	CCV	24.967	.50922	.49878	24.663	.49579	.49105
109	CCV	25.089	.51235	.50578	25.568	.50727	.49685
110	CCV	25.393	.51082	.50609	25.511	.50987	.49583
111	CCV	25.586	.51152	.50805	25.945	.51678	.50091
112	CCV	25.513	.50904	.50833	26.003	.51626	.49783
113	CCV	25.657	.50823	.51255	26.526	.52510	.49823
114	CCV	25.412	.50280	.51006	26.562	.52421	.50200
115	CCV	25.226	.51203	.50245	24.926	.50232	.50067
116	CCV	25.246	.50728	.50001	25.069	.50323	.49911
117	CCV	25.504	.51024	.50405	25.496	.51137	.50152
118	CCV	25.110	.50353	.49732	25.396	.50544	.49570
119	CCV	25.266	.50483	.50015	25.490	.50978	.49489
120	CRI	.19798	.00312	.00961	1.1775	.00956	.00747
121	CRI	.23144	.00309	.01038	H2.0039	.01014	.00723
122	CRI	.21675	.00296	.01060	1.2517	.01013	.00623
123	ICB	.00725	.00007	.00037	.05905	.00061	.00224
124	ICB	.00028	.00003	.00094	.07810	-.00006	.00250
125	ICSA	522.36	.00010	.00196	.16326	.00002	.04029
126	ICSA	514.87	.00018	.00173	.70255	.00039	.03790
127	ICSA	515.50	.00013	.00212	.04266	-.00014	.04170
128	ICSAB	494.87	.50092	.00140	-.08635	.93683	.09454
129	ICSAB	480.19	.49073	.00220	.65828	.91833	.08982
130	ICSAB	493.61	.49617	.00166	-.09394	.93829	.09462
131	ICV	19.142	.38808	.38298	18.778	.37817	.37394
132	ICV	18.971	.38449	.37649	18.410	.37382	.37143
133	ICV	19.160	.38775	.38276	18.964	.38082	.38181
134	STD 1		1.28652	1.81291		4.70513	1.64793
135	STD 1		1.35277	1.86425		4.61561	1.65299
136	STD 2		6.31994	8.94231		23.8753	7.86662
137	STD 2		6.66059	9.15062		23.3521	8.07898

Analysis Report Averages 03/29/06 07:03:50 AM page 12

#	Sample Name	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
138	STD 3	89.7535	12.6704	17.965	2.84682	47.3763	15.612
139	STD 3	90.6775	13.2814	18.3386	2.69011	46.6807	16.0129
140	STD 3 VER	50.578	1.0027	1.0069	49.663	.99128	.97358
141	STD 3 VER	50.183	.99095	.99288	50.220	.99066	.97842
142	STD BLK	.01448	.00174	.00995	.00437	-.13079	.00176
143	STD BLK	.03298	.00505	.00828	.013	-.11527	.01554

#	Sample Name	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
1	A6290910/R	.00291	.00307	-.00036	-.00107	.00170	-.00140
2	A6297102/R	.00155	.00067	-.00435	-.00201	-.00464	-.00420
3	AD613155	.00056	.00044	-.00307	.00074	-.00492	-.00214
4	AD613179	.00128	.00129	-.00098	.00019	-.00514	.00109
5	AD613477	.01500	.01522	-.00220	.00086	-.01163	.00251
6	AD613478	.02595	.02691	-.00050	-.00009	-.01119	.00484
7	AD613483	.04420	.04613	.00398	-.00025	-.00073	.00634
8	AD613484	.02696	.02813	.00416	-.00088	-.00205	.00727
9	AD613485	.16641	.17491	.00216	-.00701	-.00514	.00581
10	AD613504/(1:10)	.00085	.00202	-.00025	.00588	-.00182	.00053
11	AD613761	-.00096	-.00077	.00061	-.00141	-.00379	.00281
12	AD613762	.00197	.00076	-.00181	.00019	-.00988	.00221
13	AD613763	.00043	.00055	-.00269	.00049	-.00641	-.00083
14	AD613764	.00080	.00075	-.00138	-.00079	-.00253	-.00080
15	AD613765	-.00075	-.00108	-.00308	-.00217	-.00765	-.00080
16	AD613765/L (1:5)	-.00064	-.00084	.00064	-.00023	-.00303	.00248
17	AD613765/PS	.20031	.19927	.19955	.20147	.20230	.19817
18	AD613766/MS	.20882	.20846	.20683	.21074	.21251	.20399
19	AD613767/SD	.20303	.20140	.20208	.20243	.20451	.20087
20	AD613768	.00070	.00098	.00089	-.00102	-.00202	.00235
21	AD613769	.00053	.00037	-.00412	.00046	-.01165	-.00036
22	AD613770	-.00155	-.00140	-.00149	-.00188	-.00783	.00167
23	AD613771	.00063	.00021	-.00030	-.00034	-.00727	.00317
24	AD613772	-.00012	.00071	-.00375	-.00059	-.00951	-.00088
25	AD613773	.00361	.00128	-.00118	-.00093	-.00821	.00232
26	AD613774	-.00014	-.00012	-.00045	.00036	-.00284	.00073
27	AD613775	.00114	.00112	-.00018	-.00085	-.00598	.00271
28	AD613776	.00058	.00101	-.00274	-.00066	-.00306	-.00257
29	AD613777	.00210	.00105	-.00074	-.00053	-.00575	.00176
30	AD613778	.00021	.00005	-.00227	.00087	-.01306	.00311
31	AD613779	.00097	.00004	-.00055	-.00163	-.00313	.00073
32	AD613780/FB	.21050	.20977	.20658	.20686	.21072	.20451
33	AD613781/PB	-.00021	.00054	-.00168	-.00069	-.00310	-.00097
34	AD613822	-.00622	-.00044	.00773	.00809	.02742	-.00210
35	AD613823	.00378	.00432	-.00220	.00212	-.00098	-.00281
36	AD613824	-.00210	.00092	.00093	.00231	.00358	-.00038
37	AD613824/L (1:5)	-.00012	.00098	.00161	-.00024	-.00422	.00453
38	AD613824/PS	.21519	.21156	.20699	.21291	.20270	.20914
39	AD613825/MS	.21854	.21577	.20251	.21509	.20188	.20283
40	AD613826/SD	.21890	.21583	.20915	.21478	.21121	.20812
41	AD613827	.00810	.00957	-.00042	.00789	.00051	-.00089
42	AD613828	-.00045	.00096	.00001	.00475	.00077	-.00036
43	AD613829	.00414	.00489	.00273	.00074	.00557	.00132
44	AD613830	.00622	.00721	-.00114	.00021	.00100	-.00222

#	Sample Name	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
45	AD613831	.00040	.00191	-.00038	.00236	-.00100	-.00007
46	AD613832	-.00273	-.00099	.00048	.17799	-.00274	.00209
47	AD613833	.01046	.01134	.00702	.01933	.01350	.00378
48	AD613834	.01221	.01349	-.00294	.01878	-.00123	-.00379
49	AD613835	.00084	.00136	.00008	-.00100	-.00557	.00290
50	AD613836	-.00092	-.00053	.00050	.00227	-.01139	.00645
51	AD613837	.00283	.00141	.00076	-.00155	-.01429	.00829
52	AD613838	.00042	.00016	-.00055	.00007	-.00945	.00389
53	AD613839	-.00138	-.00049	-.00124	-.00448	-.00429	.00028
54	AD613840/FB	.21822	.21480	.20748	.21192	.20556	.20844
55	AD613841/PB	-.00123	-.00026	-.00007	.00005	.00346	-.00183
56	AD613862	-.00064	-.00049	-.00163	.00129	-.00075	-.00207
57	AD613863	-.00018	.00058	.00082	.00048	.00267	-.00009
58	AD613864	-.00181	-.00070	-.00227	-.00182	.00261	-.00471
59	AD613865	-.00320	-.00105	-.00038	.00062	.00091	-.00103
60	AD613866	-.00077	-.00022	.00000	.00243	.00023	-.00010
61	AD613867	-.00102	-.00074	.00013	-.00012	-.00068	.00054
62	AD613868	-.00339	-.00077	-.00055	.00034	.00502	-.00334
63	AD613869	.00178	.00137	.00187	-.00184	.00273	.00144
64	AD613869/L (1:5)	-.00098	.00094	-.00175	-.00141	-.00103	-.00211
65	AD613869/PS	.20419	.20316	.20436	.20734	.20728	.20290
66	AD613870/MS	.21233	.21010	.20665	.21377	.20804	.20596
67	AD613871/SD	.21058	.20668	.20416	.20873	.19880	.20684
68	AD613872	-.00245	-.00060	-.00031	.00070	.00211	-.00153
69	AD613873	.00000	.00128	-.00143	.00094	-.00199	-.00115
70	AD613874	-.00095	.00048	.00056	.00095	.00152	.00008
71	AD613875	-.00170	-.00082	-.00095	.00142	-.00346	.00030
72	AD613876	-.00092	.00025	.00180	.00213	.00076	.00233
73	AD613877	.00038	.00112	.00042	-.00001	.00348	-.00110
74	AD613878	-.00035	.00051	.00077	.00021	.00059	.00085
75	AD613879	-.00144	.00048	.00087	.00121	-.00125	.00193
76	AD613880/FB	.20760	.20531	.20011	.20276	.19658	.20187
77	AD613881/PB	-.00274	.00001	-.00241	-.00158	.00569	-.00646
78	AD613902	.01151	.01100	-.00322	.00019	.00616	-.00791
79	AD613902/L (1:5)	-.00049	.00070	-.00021	.00080	.00073	-.00069
80	AD613902/PS	.20893	.21026	.22970	.24687	.24504	.22203
81	AD613903/MD	.01007	.01016	-.00506	.00371	.00697	-.01108
82	AD613904/MS	.02547	.02875	.04968	.11378	.06234	.04334
83	AD613905/FB	.20559	.20392	.19804	.19708	.19837	.19787
84	AD613906/PB	-.00081	-.00035	-.00320	.00064	-.00038	-.00461
85	AD613907	-.00033	.00053	-.00191	.00016	-.00135	-.00220
86	AD613908	-.00114	-.00047	-.00264	-.00049	.00118	-.00456
87	AD613909	-.00062	.00083	-.00297	.00215	-.00183	-.00355
88	AD613909/L (1:5)	.01207	.00245	-.00031	.00605	-.03584	.01744
89	AD613909/PS	.20513	.20394	.20237	.20321	.20333	.20189
90	AD613910/MS	.21056	.20873	.20433	.20866	.20091	.20605
91	AD613911/SD	.20863	.20681	.20491	.20390	.20521	.20476
92	AD613912	-.00194	-.00083	-.00038	-.00001	.00194	-.00155
93	AD613913	.00000	.00117	-.00235	-.00120	-.00559	-.00074
94	AD613914/FB	.20819	.20617	.20051	.20208	.19924	.20115
95	AD613915/PB	-.00181	-.00037	-.00285	.00030	-.00487	-.00184
96	CCB	-.00111	.00045	-.00404	.00142	-.00248	-.00482
97	CCB	-.00094	.00073	-.00222	.00198	.00214	-.00441
98	CCB	-.00094	-.00011	-.00060	.00275	-.00345	.00082

#	Sample Name	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
99	CCB	-.00159	-.00048	-.00107	.00114	-.00201	-.00060
100	CCB	-.00258	-.00042	.00097	.00228	.00297	-.00002
101	CCB	-.00162	-.00050	-.00090	.00257	-.00329	.00029
102	CCB	-.00054	.00028	-.00152	.00200	-.00364	-.00046
103	CCB	.00012	.00081	-.00088	-.00031	-.00935	.00335
104	CCB	.00084	.00046	-.00171	-.00017	-.01015	.00250
105	CCB	.00045	.00082	.00148	-.00024	-.00502	.00473
106	CCB	.00095	.00086	-.00046	.00073	-.00595	.00228
107	CCB	.00000	.00049	-.00093	.00038	-.00413	.00066
108	CCV	.50150	.49802	.49697	.49362	.50094	.49499
109	CCV	.51102	.50630	.50375	.50818	.50444	.50342
110	CCV	.51672	.50977	.50861	.51128	.50898	.50844
111	CCV	.52583	.51753	.51630	.52150	.51453	.51719
112	CCV	.52612	.51670	.51798	.51655	.51300	.52048
113	CCV	.53561	.52316	.52175	.52889	.50322	.53103
114	CCV	.53654	.52504	.52128	.53012	.51012	.52686
115	CCV	.49859	.49928	.49853	.50229	.50904	.49328
116	CCV	.49975	.49954	.50484	.50274	.51341	.50057
117	CCV	.50809	.50590	.50807	.51559	.51592	.50415
118	CCV	.50234	.50013	.50182	.50941	.51058	.49745
119	CCV	.50707	.50301	.51181	.51325	.51534	.51006
120	CRI	.00198	.00381	.01310	.01878	.01728	.01102
121	CRI	.00404	.00510	.01512	.01887	.01897	.01319
122	CRI	.00499	.00540	.01395	.01979	.01137	.01524
123	ICB	-.00089	.00014	-.00095	-.00157	-.00012	-.00136
124	ICB	-.00117	.00005	-.00117	.00107	-.00923	.00286
125	ICSA	-.02273	-.00174	-.00211	.00122	.00383	-.00509
126	ICSA	-.02093	-.00133	.00016	.00271	-.00063	.00056
127	ICSA	-.02244	-.00108	.00227	.00245	-.00672	.00676
128	ICSAB	.02863	.05058	.05054	.62098	.04845	.05158
129	ICSAB	.02923	.04941	.04988	.61335	.04688	.05138
130	ICSAB	.02792	.05013	.05124	.63561	.04030	.05671
131	ICV	.38182	.37920	.37757	.37628	.38114	.37579
132	ICV	.37403	.37316	.37151	.36782	.37697	.36878
133	ICV	.37648	.37826	.37938	.38051	.38831	.37492
134	STD 1	1.52538			.62412	.56574	1.30493
135	STD 1	1.5306			.58675	.54952	1.25686
136	STD 2	7.65425			3.12417	3.05201	5.88101
137	STD 2	7.56241			3.03697	3.13544	5.71212
138	STD 3	15.3174			6.31326	6.1696	11.6717
139	STD 3	15.1478			6.08171	6.33246	11.3829
140	STD 3 VER	1.0094	.99744	.99681	1.0059	.99174	.99935
141	STD 3 VER	.99617	.99026	.99702	1.0114	1.0138	.98865
142	STD BLK	.03297			.00636	-.07386	.13756
143	STD BLK	.00565			.00357	-.02682	.09653

#	Sample Name	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
1	A6290910/R	.00081	.00015	.02106	.12169	.00374	-.00024
2	A6297102/R	.00099	-.00489	.00055	.01706	.00572	-.00025
3	AD613155	.03546	.00188	.00278	.02196	.00061	.00033
4	AD613179	.00381	-.00011	.02193	.12725	.00050	.00030
5	AD613477	.39547	.00238	.04225	.08491	.00293	.00045

#	Sample Name	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
6	AD613478	.63819	.00207	.07479	.23676	.00494	.00065
7	AD613483	1.9547	.00838	.15191	.35108	.00787	.00058
8	AD613484	.79619	.00464	.08008	.17512	.00583	.00053
9	AD613485	4.2262	.02227	.68970	1.1441	.02432	.00238
10	AD613504/(1:10)	.04020	.00389	.01269	.00944	.00715	.00044
11	AD613761	.00000	-.00215	.00050	.00255	.00120	-.00020
12	AD613762	.00040	-.00210	.00013	.00698	.00290	.00011
13	AD613763	.00017	-.00033	.00015	.00280	.00037	.00026
14	AD613764	-.00001	-.00155	.00040	.00284	-.00054	.00063
15	AD613765	-.00002	.00323	.00019	.00401	-.00024	.00012
16	AD613765/L (1:5)	.00001	-.00058	.00000	.00050	.00315	.00040
17	AD613765/PS	.20274	.20244	.20254	.19552	.20606	.05091
18	AD613766/MS	.20955	.20765	.20662	.20731	.20842	.05317
19	AD613767/SD	.20189	.19921	.19952	.20090	.20063	.05141
20	AD613768	.00042	.00220	.00032	.00471	.00105	-.00017
21	AD613769	-.00005	-.00091	-.00005	.01429	.00214	.00012
22	AD613770	.00013	-.00177	.00007	.00876	.00090	-.00008
23	AD613771	.00025	-.00044	.00136	.00325	.00075	.00010
24	AD613772	.00054	-.00235	.00141	.00330	.00037	-.00011
25	AD613773	.00006	-.00127	.00026	.00315	-.00006	-.00008
26	AD613774	.00003	.00099	-.00032	.00359	.00157	.00001
27	AD613775	.00016	.00055	.00038	.00276	-.00036	.00039
28	AD613776	.00056	.00016	.00086	.00350	-.00096	.00000
29	AD613777	-.00007	-.00283	.00019	.00268	.00145	-.00024
30	AD613778	.00008	-.00163	.00019	.00233	.00017	.00006
31	AD613779	.00016	.00235	.00027	.00432	.00027	.00091
32	AD613780/FB	.20707	.20447	.20584	.21053	.20747	.05159
33	AD613781/PB	.00003	.00312	.00012	.00103	.00012	.00044
34	AD613822	.03586	-.00006	.04736	.03789	.01517	-.00006
35	AD613823	.00273	-.00029	.01076	.00950	.00246	.00019
36	AD613824	.00108	.00060	.00307	.00862	.00210	-.00060
37	AD613824/L (1:5)	.00049	-.00046	.00059	.00150	.00236	.00008
38	AD613824/PS	.21380	.21189	.21163	.21073	.21157	.05342
39	AD613825/MS	.21594	.21151	.21339	.22005	.20791	.05396
40	AD613826/SD	.21627	.21075	.21320	.22028	.21208	.05480
41	AD613827	.00047	.00004	.00011	.03697	.00107	.00035
42	AD613828	.01987	.00015	.01296	.01849	.00928	.00050
43	AD613829	.02020	.00026	.04469	.35510	.00351	.00033
44	AD613830	.00288	-.00149	.00672	.05544	.00367	.00003
45	AD613831	.00069	.00306	.00113	.02670	.00132	.00029
46	AD613832	.00717	-.00214	.02206	.00625	.00787	.00005
47	AD613833	.00737	-.00229	.00495	.14079	.00675	.00035
48	AD613834	.27686	-.00097	.06164	1.7307	.01060	.00036
49	AD613835	.03566	.00144	.00323	.00808	-.00021	.00054
50	AD613836	.00056	.00440	-.00024	.00264	.00232	.00052
51	AD613837	.00016	.00981	.00010	.00401	.00168	.00003
52	AD613838	.00191	.00320	.00049	.00293	.00051	.00063
53	AD613839	.00016	.00181	-.00046	.00680	-.00080	.00020
54	AD613840/FB	.21576	.20708	.21033	.21358	.20920	.05523
55	AD613841/PB	.00019	.00090	-.00056	.00107	.00196	.00003
56	AD613862	.00019	.00137	-.00042	.00108	.00151	.00026
57	AD613863	.00013	.00073	-.00024	.00226	-.00047	.00044
58	AD613864	.00039	-.00145	-.00049	.00204	.00041	.00003
59	AD613865	.01284	-.00165	-.00015	.00293	.00090	.00028

#	Sample Name	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
60	AD613866	.00562	.00018	-.00013	.00213	.00231	.00008
61	AD613867	.00252	.00311	.00043	.00195	.00030	.00031
62	AD613868	.00209	-.00012	.00012	.00126	.00194	.00044
63	AD613869	.00063	-.00057	-.00047	.00588	.00195	.00012
64	AD613869/L (1:5)	.00045	-.00545	-.00027	.00125	.00225	.00005
65	AD613869/PS	.20786	.20419	.20514	.20175	.20678	.04782
66	AD613870/MS	.21305	.20590	.20853	.21445	.20608	.05379
67	AD613871/SD	.20854	.20382	.20570	.21120	.19943	.05177
68	AD613872	.02760	-.00013	.00172	.00648	-.00037	-.00023
69	AD613873	.04389	.00171	.00242	.00619	.00257	.00037
70	AD613874	.03362	.00069	.00143	.00364	.00085	-.00006
71	AD613875	.00817	.00138	.00024	.00608	.00086	.00018
72	AD613876	.05230	.00322	.00256	.00642	.00316	-.00018
73	AD613877	.02884	.00298	.00219	.00492	.00029	.00016
74	AD613878	.00945	.00142	.00022	.00707	.00198	.00016
75	AD613879	.00023	.00230	-.00005	.00064	.00195	-.00002
76	AD613880/FB	.20195	.19678	.20027	.20461	.20123	.05122
77	AD613881/PB	.00025	-.00276	-.00012	.00086	.00247	.00040
78	AD613902	.14048	-.00067	.00928	.06204	.00493	-.00004
79	AD613902/L (1:5)	.04771	.00173	.00212	.01418	.00439	-.00020
80	AD613902/PS	.42597	.19918	.21077	.23389	.22548	.06916
81	AD613903/MD	.14193	-.00393	.00954	.06286	.00745	-.00062
82	AD613904/MS	.12948	.04641	.48328	.48446	.00597	.06319
83	AD613905/FB	.19922	.19723	.19951	.20570	.20429	.04980
84	AD613906/PB	.00008	.00275	-.00025	.00068	.00056	.00020
85	AD613907	.00749	-.00144	.00068	.02132	-.00038	.00021
86	AD613908	.00570	.00235	.00092	.02540	.00094	-.00017
87	AD613909	.06604	-.00280	.00480	.03151	.00083	.00038
88	AD613909/L (1:5)	.02438	.00443	.00257	.01768	.00007	.00030
89	AD613909/PS	.27124	.20375	.20957	.23009	.20764	.05096
90	AD613910/MS	.27662	.20384	.21072	.24353	.20887	.05202
91	AD613911/SD	.27087	.20144	.20942	.24069	.20098	.05078
92	AD613912	.03399	-.00009	.00295	.03742	.00045	.00029
93	AD613913	.00253	-.00078	.00032	.01075	.00173	.00036
94	AD613914/FB	.20275	.20168	.20397	.20958	.20680	.05269
95	AD613915/PB	.00013	-.00239	-.00025	.00097	.00081	.00000
96	CCB	.00017	-.00110	-.00018	.00000	.00178	.00001
97	CCB	.00143	-.00037	-.00018	.00009	.00035	.00035
98	CCB	.00041	.00029	.00007	.00007	.00325	.00026
99	CCB	.00048	.00005	-.00005	-.00014	.00196	.00060
100	CCB	.00058	-.00040	-.00004	-.00028	.00128	.00042
101	CCB	.00042	.00119	-.00017	-.00034	.00158	.00002
102	CCB	.00048	.00051	.00035	.00033	.00157	-.00006
103	CCB	.00033	.00080	.00012	-.00015	-.00028	-.00003
104	CCB	.00028	.00196	.00025	-.00036	.00007	.00007
105	CCB	.00009	.00247	.00012	-.00008	-.00068	-.00008
106	CCB	.00005	.00090	.00012	.00013	-.00067	-.00011
107	CCB	.00016	.00088	.00039	.00015	.00067	.00010
108	CCV	.50200	.49839	.49810	.49528	.52146	.48657
109	CCV	.51850	.51322	.50776	.50196	.52463	.49892
110	CCV	.52506	.50962	.51178	.50300	.52616	.50634
111	CCV	.53565	.52025	.51706	.50716	.52752	.51474
112	CCV	.53807	.51965	.51770	.50447	.52494	.51745
113	CCV	Q.55228	.53172	.52382	.50829	.52709	.52944

#	Sample Name	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
114	CCV	Q.55591	.52726	.52200	.50566	.52569	.53329
115	CCV	.51175	.50609	.50329	.49563	.52238	.49375
116	CCV	.51497	.50831	.50239	.49338	.52174	.49681
117	CCV	.52473	.51880	.50748	.50049	.52227	.50572
118	CCV	.52019	.50874	.50149	.49231	.51741	.50196
119	CCV	.52549	.51190	.50365	.49580	.51990	.50796
120	CRI	.00517	.02111	.00456	.01992	.00822	.00311
121	CRI	.00563	.02066	.00475	.02069	.01060	.00332
122	CRI	.00537	.02233	.00525	.02042	.00739	.00350
123	ICB	.00015	-.00027	-.00043	-.00008	.00139	.00025
124	ICB	.00029	.00310	.00070	.00020	.00192	.00010
125	ICSA	.00106	.00308	-.00108	.00014	.00553	.00031
126	ICSA	.00108	-.00063	-.00087	.00035	.00260	.00060
127	ICSA	.00090	.00519	-.00146	.00230	.00282	.00019
128	ICSAB	.00124	.10503	.50772	.95203	.00296	.21536
129	ICSAB	.00103	.10454	.49866	.93612	.00488	.21303
130	ICSAB	.00116	.10703	.50466	.94352	.00430	.21827
131	ICV	.38127	.38102	.37984	.37901	Q.39443	.36875
132	ICV	.37421	.37038	.37508	.37696	Q.39472	.36200
133	ICV	.38658	.38448	.38139	.37778	Q.39851	.37327
134	STD 1	5.79814	.63026	.2819	.24901	2.62371	1.5023
135	STD 1	5.44177	.60233	.28103	.2586	2.74076	1.41431
136	STD 2	28.5754	3.21898	1.40277	1.23124	13.4075	7.54895
137	STD 2	26.69	3.12372	1.39771	1.27117	14.1254	7.04237
138	STD 3	56.8159	6.55337	2.80841	2.43155	26.9292	15.1689
139	STD 3	53.5905	6.30093	2.80626	2.52348	28.3634	14.2526
140	STD 3 VER	.98877	1.0076	1.0017	1.0012	1.0088	.99357
141	STD 3 VER	.99530	1.0022	.99581	.98868	.99859	1.0001
142	STD BLK	.09776	-.01781	.00139	.00157	-.09845	-.00419
143	STD BLK	.10353	-.01871	.00017	.00162	-.08377	-.00377

Standardization Rpt. 03/28/06 02:27:22 PM page 1

Method: TRACE2 Standard: STD BLK
Run Time: 03/28/06 14:22:34

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	.06495	.01432	.10422	.00524	.20531	.02200	-.02534
SDev	.00111	.00842	.01042	.00001	.00061	.00004	.02597
%RSD	1.7058	58.791	10.002	.18518	.29585	.18518	102.50
#1	.06573	.02028	.09685	.00524	.20488	.02203	-.04370
#2	.06416	.00837	.11159	.00523	.20574	.02197	-.00697

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	-.00576	.00279	.06040	-.00087	-.03192	.01449	.00174
SDev	.00273	.00099	.00236	.00222	.02883	.00170	.00098
%RSD	47.305	35.529	3.9023	254.97	90.307	11.743	56.413
#1	-.00769	.00350	.05874	.00070	-.01154	.01329	.00105
#2	-.00384	.00209	.06207	-.00244	-.05231	.01569	.00244

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1
Avge	.00996	.00437	-.13079	.00177	.03298	.00637	-.07386
SDev	.00471	.00816	.02962	.02222	.02191	.00357	.01619
%RSD	47.305	186.54	22.649	1258.2	66.451	56.025	21.912
#1	.01329	.01014	-.15174	.01748	.01748	.00385	-.08531
#2	.00663	-.00139	-.10984	-.01395	.04847	.00889	-.06242

Elem	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Avge	.13756	.09776	-.01782	.00140	.00157	-.09846	-.00419
SDev	.01258	.00328	.01053	.00000	.00024	.00871	.00445
%RSD	9.1480	3.3505	59.079	.18518	15.531	8.8425	106.15
#1	.12866	.09545	-.02526	.00140	.00140	-.09230	-.00734
#2	.14646	.10008	-.01037	.00139	.00174	-.10461	-.00105

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2864	--	--	--	--	--	--
SDev	5.303301	--	--	--	--	--	--
%RSD	.1851743	--	--	--	--	--	--
#1	2860	--	--	--	--	--	--
#2	2868	--	--	--	--	--	--

Method: TRACE2 Sample Name: STD 1 Operator:
Run Time: 03/28/06 14:27 Filename: A032806
Mode: IR Type: X Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265
Units	count	count	count	count	count	count
Avge	8.64205	.96929	1.5943	4.14004	6.63073	11.3303
SDev	.05952	.0068	.02881	.05681	.03525	.07123
%RSD	.68875	.70221	1.80734	1.37242	.53171	.6287

Elems	Co2286	Cr2677	Cu3247	Fe2714	Mn2576	Mo2020
Units	count	count	count	count	count	count
Avge	.68299	1.77073	.87932	1.53956	1.28652	1.81291
SDev	.00044	.00647	.00436	.00646	.00678	.00015
%RSD	.0656	.36557	.49692	.42017	.52714	.00837

Elems	Ni2316	2203/1	2203/2	Sb2068	1960/1	1960/2
Units	count	count	count	count	count	count
Avge	4.70513	1.64793	1.52538	.62412	.56574	1.30493
SDev	.03249	.02184	.01072	.01152	.0024	.01579
%RSD	.69061	1.3254	.70285	1.84582	.42439	1.21057

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	count	count	count	count	count	count
Avge	5.79814	.63026	.2819	.24901	2.62371	1.5023
SDev	.02554	.05165	.00182	.00054	.06883	.00207
%RSD	.44049	8.1965	.6464	.21985	2.62362	.13804

Elems	*Y
Units	
Avge	2857.28
SDev	9.1216
%RSD	.31924

Method: TRACE2 Sample Name: STD 2 Operator:
Run Time: 03/28/06 14:31 Filename: A032806
Mode: IR Type: X Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265
Units	count	count	count	count	count	count
Avge	42.8746	4.78492	7.51209	21.1338	32.1925	56.0081
SDev	.24483	.03883	.03857	.13752	.15617	.20279
%RSD	.57104	.81169	.51345	.65071	.48514	.36208

Elems	Co2286	Cr2677	Cu3247	Fe2714	Mn2576	Mo2020
Units	count	count	count	count	count	count
Avge	3.41517	8.7223	4.19337	7.58874	6.31994	8.94231
SDev	.0117	.0686	.01717	.02643	.03702	.0644
%RSD	.34259	.7865	.40951	.34838	.58589	.72028

Elems	Ni2316	2203/1	2203/2	Sb2068	1960/1	1960/2
Units	count	count	count	count	count	count
Avge	23.8753	7.86662	7.65425	3.12417	3.05201	5.88101
SDev	.11585	.02635	.03103	.01314	.06012	.02782
%RSD	.48524	.33503	.4054	.42089	1.97006	.47318

Elems	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Units	count	count	count	count	count	count
Avge	28.5754	3.21898	1.40277	1.23124	13.4075	7.54895
SDev	.15798	.02738	.00768	.00567	.02915	.01493
%RSD	.55288	.85071	.54779	.46089	.21748	.19783

Elems	*Y
Units	
Avge	2877.15
SDev	3.39414
%RSD	.11796

Standardization Rpt. 03/28/06 02:41:01 PM page 1

Method: TRACE2 Standard: STD 3
Run Time: 03/28/06 14:36:13

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	86.604	9.5942	15.000	41.807	63.922	46.850	111.40
SDev	.011	.0048	.039	.109	.007	.030	.01
%RSD	.01271	.05049	.25827	.26128	.01159	.06347	.00869
#1	86.596	9.5976	14.972	41.884	63.916	46.871	111.41
#2	86.612	9.5908	15.027	41.729	63.927	46.829	111.39

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	6.8291	17.471	8.3360	15.169	60.101	89.753	12.670
SDev	.0089	.018	.0039	.013	.009	.019	.014
%RSD	.13027	.10362	.04718	.08449	.01561	.02071	.11270
#1	6.8229	17.458	8.3332	15.160	60.094	89.740	12.660
#2	6.8354	17.483	8.3388	15.178	60.107	89.767	12.681

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1
Avge	17.965	2.8468	47.376	15.612	15.317	6.3133	6.1696
SDev	.077	.0020	.006	.022	.017	.0007	.0099
%RSD	.42755	.06921	.01176	.14354	.10959	.01132	.16039
#1	17.911	2.8454	47.372	15.628	15.329	6.3128	6.1626
#2	18.019	2.8482	47.380	15.596	15.306	6.3138	6.1766

Elem	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Avge	11.672	56.816	6.5534	2.8084	2.4316	26.929	15.169
SDev	.046	.063	.0389	.0014	.0025	.094	.001
%RSD	.39641	.11136	.59338	.04860	.10462	.34955	.00692
#1	11.704	56.861	6.5259	2.8074	2.4298	26.863	15.168
#2	11.639	56.771	6.5809	2.8094	2.4334	26.996	15.170

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2825	--	--	--	--	--	--
SDev	10.71260	--	--	--	--	--	--
%RSD	.3792439	--	--	--	--	--	--
#1	2817	--	--	--	--	--	--
#2	2832	--	--	--	--	--	--

Standardization Report 03/28/06 02:41:01 PM page 1

Method: TRACE2 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	.581795	-.037658	03/28/06 02:36:13
As1890	189.042	Multiple	Standards	.104636	-.001498	03/28/06 02:36:13
B_2496	249.678	Multiple	Standards	.067935	-.007081	03/28/06 02:36:13
Ba4934	493.409	Multiple	Standards	.023921	-.000117	03/28/06 02:36:13
Be3130	313.042	Multiple	Standards	.015633	-.003213	03/28/06 02:36:13
Ca3179	317.933	STD 3	STD BLK	.860962	-.000202	03/28/06 02:36:13
Cd2265	226.502	Multiple	Standards	.008909	.000216	03/28/06 02:36:13
Co2286	228.616	Multiple	Standards	.146202	.000839	03/28/06 02:36:13
Cr2677	267.716	Multiple	Standards	.057135	-.000167	03/28/06 02:36:13
Cu3247	324.753	Multiple	Standards	.121333	-.007323	03/28/06 02:36:13
Fe2714	271.441	Multiple	Standards	3.27916	.002429	03/28/06 02:36:13
K_7664	766.491	STD 3	STD BLK	1.12852	.022702	03/28/06 02:36:13
Mg2790	279.078	STD 3	STD BLK	.927319	-.000239	03/28/06 02:36:13
Mn2576	257.610	Multiple	Standards	.078634	-.000146	03/28/06 02:36:13
Mo2020	202.030	Multiple	Standards	.055704	-.000558	03/28/06 02:36:13
Na3302	330.232	STD 3	STD BLK	1.20653	.003950	03/28/06 02:36:13
Ni2316	231.604	Multiple	Standards	.020825	.002716	03/28/06 02:36:13
2203/1	220.351	Multiple	Standards	.063881	-.000142	03/28/06 02:36:13
2203/2	220.352	Multiple	Standards	.065458	-.002146	03/28/06 02:36:13
PB2203	220.353	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
SE1960	196.026	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Sb2068	206.838	Multiple	Standards	.161273	-.001018	03/28/06 02:36:13
1960/1	196.021	Multiple	Standards	.158628	.011704	03/28/06 02:36:13
1960/2	196.022	Multiple	Standards	.083946	-.011555	03/28/06 02:36:13
Ti3372	337.280	Multiple	Standards	.017577	-.001720	03/28/06 02:36:13
Tl1908	190.864	Multiple	Standards	.151931	.002711	03/28/06 02:36:13
V_2924	292.402	Multiple	Standards	.356839	-.000498	03/28/06 02:36:13
Zn2062	206.200	Multiple	Standards	.406811	-.000647	03/28/06 02:36:13
Sn1899	189.989	Multiple	Standards	.036919	.003631	03/28/06 02:36:13
Ag3280	328.068	Multiple	Standards	.066159	.000280	03/28/06 02:36:13

Standardization Readback Report 03/28/06 02:41:01 PM page 1

Method: TRACE2

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	STD BLK	.000000	.000128	-.000128
		STD 1	5.00000	4.99025	.009749
		STD 2	25.0000	24.9066	.093424
		STD 3	50.0000	50.3480	-.348042

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	STD BLK	.000000	.000001	-.000001
		STD 1	.100000	.099925	.000075
		STD 2	.500000	.499176	.000824
		STD 3	1.00000	1.00240	-.002401

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	STD BLK	.000000	-.000001	.000001
		STD 1	.100000	.101228	-.001228
		STD 2	.500000	.503253	-.003253
		STD 3	1.00000	1.01192	-.011918

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	STD BLK	.000000	.000009	-.000009
		STD 1	.100000	.098918	.001082
		STD 2	.500000	.505432	-.005432
		STD 3	1.00000	.999950	.000050

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	STD BLK	.000000	-.000004	.000004
		STD 1	.100000	.100442	-.000442
		STD 2	.500000	.500040	-.000040
		STD 3	1.00000	.996049	.003951

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Ca3179	317.933	STD BLK	.018737	.021998	-.003261
		STD 3	40.3360	46.8501	-6.51414

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	STD BLK	.000000	-.000009	.000009
		STD 1	.100000	.101163	-.001163
		STD 2	.500000	.499219	.000781
		STD 3	1.00000	.992723	.007277

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	STD BLK	.000000	-.000004	.000004
		STD 1	.100000	.100694	-.000694
		STD 2	.500000	.500144	-.000144
		STD 3	1.00000	.999272	.000728

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	STD BLK	.000000	-.000007	.000007
		STD 1	.100000	.101005	-.001005
		STD 2	.500000	.498186	.001814
		STD 3	1.00000	.998018	.001982

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	STD BLK	.000000	.000006	-.000006
		STD 1	.100000	.099368	.000632
		STD 2	.500000	.501470	-.001470
		STD 3	1.00000	1.00411	-.004108

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	STD BLK	.000000	-.000427	.000427
		STD 1	5.00000	5.05092	-.050920
		STD 2	25.0000	24.8871	.112864
		STD 3	50.0000	49.7431	.256943

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	STD BLK	-.013323	-.031922	.018599
		STD 3	67.8475	60.1007	7.74681

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Mg2790	279.078	STD BLK	.013197	.014489	-.001292
		STD 3	83.2299	89.7535	-6.52360

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	STD BLK	.000000	-.000009	.000009
		STD 1	.100000	.101019	-.001019
		STD 2	.500000	.496816	.003184
		STD 3	1.00000	.996177	.003823

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	STD BLK	.000000	-.000004	.000004
		STD 1	.100000	.100429	-.000429
		STD 2	.500000	.497568	.002432
		STD 3	1.00000	1.00017	-.000170

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	STD BLK	.009225	.004372	.004853
		STD 3	3.43872	2.84682	.591902

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	STD BLK	.000000	-.000008	.000008
		STD 1	.100000	.100702	-.000702
		STD 2	.500000	.499925	.000075
		STD 3	1.00000	.989338	.010662

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	STD BLK	.000000	-.000029	.000029
		STD 1	.100000	.105131	-.005131
		STD 2	.500000	.502390	-.002390
		STD 3	1.00000	.997176	.002824

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	STD BLK	.000000	.000013	-.000013
		STD 1	.100000	.097703	.002297
		STD 2	.500000	.498885	.001115
		STD 3	1.00000	1.00050	-.000500

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
PB2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
SE1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	STD BLK	.000000	.000009	-.000009
		STD 1	.100000	.099637	.000363
		STD 2	.500000	.502828	-.002828
		STD 3	1.00000	1.01714	-.017143

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	STD BLK	.000000	-.000013	.000013
		STD 1	.100000	.101447	-.001447
		STD 2	.500000	.495840	.004160
		STD 3	1.00000	.990379	.009621

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	STD BLK	.000000	-.000008	.000008
		STD 1	.100000	.097989	.002011
		STD 2	.500000	.482130	.017870
		STD 3	1.00000	.968230	.031770

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3372	337.280	STD BLK	.000000	-.000002	.000002
		STD 1	.100000	.100192	-.000192
		STD 2	.500000	.500542	-.000542
		STD 3	1.00000	.996918	.003082

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	STD BLK	.000000	.000004	-.000004
		STD 1	.100000	.098467	.001533
		STD 2	.500000	.491775	.008225
		STD 3	1.00000	.998370	.001630

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	STD BLK	.000000	.000000	-.000000
		STD 1	.100000	.100098	-.000098
		STD 2	.500000	.500066	-.000066
		STD 3	1.00000	1.00165	-.001654

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	STD BLK	.000000	-.000007	.000007
		STD 1	.100000	.100655	-.000655
		STD 2	.500000	.500240	-.000240
		STD 3	1.00000	.988539	.011461

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	STD BLK	.000000	-.000004	.000004
		STD 1	.100000	.100495	-.000495
		STD 2	.500000	.498618	.001382
		STD 3	1.00000	.997818	.002182

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	STD BLK	.000000	.000003	-.000003
		STD 1	.100000	.099672	.000328
		STD 2	.500000	.499715	.000285
		STD 3	1.00000	1.00385	-.003847

CorCoef: 1.00000

Analysis Report Blank Sample 03/28/06 02:45:52 PM page 1

Method: TRACE2 Sample Name: STD 3 VER Operator: SW
Run Time: 03/28/06 14:41:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.215	.99354	1.0074	.97750	.99662	50.359	.99730
SDev	.151	.00265	.0020	.00714	.00041	.046	.00138
%RSD	.30112	.26631	.19718	.73043	.04097	.09226	.13850
#1	50.322	.99542	1.0060	.98255	.99633	50.392	.99827
#2	50.108	.99167	1.0088	.97245	.99691	50.326	.99632
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0034	1.0036	.99765	50.161	50.864	50.578	1.0027
SDev	.0010	.0008	.00199	.034	.070	.068	.0003
%RSD	.10184	.08227	.19908	.06840	.13854	.13461	.03446
#1	1.0041	1.0030	.99906	50.137	50.914	50.627	1.0024
#2	1.0027	1.0042	.99625	50.185	50.814	50.530	1.0029
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0069	49.663	.99129	.97359	1.0094	.99745	.99681
SDev	.0014	.441	.00031	.00021	.0134	.00885	.00773
%RSD	.14040	.88830	.03142	.02137	1.3248	.88721	.77574
#1	1.0059	49.974	.99151	.97374	.99990	.99119	.99134
#2	1.0079	49.351	.99107	.97344	1.0188	1.0037	1.0023
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0060	.99175	.99936	.98878	1.0076	1.0017	1.0012
SDev	.0052	.00332	.01326	.00311	.0007	.0000	.0004
%RSD	.51946	.33506	1.3269	.31485	.07161	.00465	.03593
#1	1.0096	.99410	.98998	.99098	1.0081	1.0017	1.0014
#2	1.0023	.98940	1.0087	.98658	1.0071	1.0018	1.0009
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	1.0088	.99358
SDev	.0004	.00168
%RSD	.03741	.16951
#1	1.0091	.99477
#2	1.0086	.99239
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2845	--	--	--	--	--	--
SDev	16.22807	--	--	--	--	--	--
%RSD	.5703213	--	--	--	--	--	--
#1	2857	--	--	--	--	--	--
#2	2834	--	--	--	--	--	--

Analysis Report QC Standard 03/28/06 02:50:43 PM page 1

Method: TRACE2 Sample Name: ICV Operator: SW
Run Time: 03/28/06 14:45:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.904	.36499	.37114	Q.35455	.37959	18.972	.37319
SDev	.032	.00266	.00008	.00212	.00009	.007	.00002
%RSD	.16880	.72892	.02092	.59799	.02472	.03831	.00620
#1	18.926	.36687	.37119	Q.35605	.37966	18.978	.37317
#2	18.881	.36311	.37108	Q.35305	.37953	18.967	.37320
Errors	QC Pass	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass
Value	18.750	.37500	.37500	.37500	.37500	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37888	.38122	.38950	19.134	18.822	19.142	.38809
SDev	.00033	.00046	.00178	.007	.033	.017	.00000
%RSD	.08777	.12113	.45667	.03432	.17292	.08776	.00015
#1	.37911	.38089	.39075	19.129	18.845	19.130	.38809
#2	.37864	.38155	.38824	19.138	18.799	19.154	.38809
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500	.37500	.37500	18.750	18.750	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38299	18.778	.37817	.37395	.38183	.37920	.37757
SDev	.00110	.012	.00008	.00240	.00154	.00183	.00055
%RSD	.28714	.06129	.02007	.64172	.40454	.48243	.14558
#1	.38221	18.786	.37823	.37225	.38074	.37791	.37718
#2	.38376	18.770	.37812	.37565	.38292	.38050	.37796
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.37500	18.750	.37500			.37500	.37500
Range	5.0000	5.0000	5.0000			5.0000	5.0000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37628	.38115	.37579	.38128	.38102	.37984	.37902
SDev	.00251	.00163	.00001	.00090	.00003	.00064	.00110
%RSD	.66732	.42752	.00260	.23666	.00919	.16752	.29101
#1	.37450	.37999	.37579	.38192	.38104	.37939	.37824
#2	.37806	.38230	.37580	.38064	.38100	.38029	.37980
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500			.37500	.37500	.37500	.37500
Range	5.0000			5.0000	5.0000	5.0000	5.0000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	Q.39444	.36875
SDev	.00255	.00026
%RSD	.64760	.06923
#1	.39263	.36857
#2	Q.39625	.36893

Errors	QC Fail	QC Pass
Value	.37500	.37500
Range	5.0000	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2842	--	--	--	--	--	--
SDev	3.871306	--	--	--	--	--	--
%RSD	.1362386	--	--	--	--	--	--
#1	2839	--	--	--	--	--	--
#2	2844	--	--	--	--	--	--

Analysis Report QC Standard 03/28/06 03:09:23 PM page 1

Method: TRACE2 Sample Name: ICV Operator: SW
Run Time: 03/28/06 15:04:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.539	.36226	.36498	Q.34863	.37456	18.659	.36897
SDev	.041	.00202	.00052	.00106	.00051	.028	.00036
%RSD	.22205	.55799	.14341	.30465	.13647	.14840	.09732
#1	18.510	.36083	.36461	Q.34939	.37419	18.639	.36872
#2	18.568	.36369	.36535	Q.34788	.37492	18.678	.36923
Errors	QC Pass	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass
Value	18.750	.37500	.37500	.37500	.37500	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37439	.37744	.38309	18.960	18.509	18.971	.38449
SDev	.00186	.00092	.00076	.074	.025	.048	.00086
%RSD	.49732	.24457	.19742	.39181	.13421	.25080	.22487
#1	.37308	.37679	.38255	18.908	18.491	18.937	.38388
#2	.37571	.37809	.38362	19.013	18.526	19.004	.38511
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500	.37500	.37500	18.750	18.750	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37649	18.410	.37383	.37144	.37403	.37317	.37151
SDev	.00226	.205	.00014	.00025	.00010	.00002	.00581
%RSD	.60064	1.1151	.03744	.06622	.02530	.00503	1.5639
#1	.37489	18.265	.37373	.37161	.37397	.37318	.36740
#2	.37809	18.555	.37393	.37126	.37410	.37316	.37562
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.37500	18.750	.37500			.37500	.37500
Range	5.0000	5.0000	5.0000			5.0000	5.0000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36782	.37698	.36878	.37421	.37038	.37508	.37696
SDev	.00520	.01254	.00245	.00021	.00360	.00066	.00082
%RSD	1.4132	3.3253	.66368	.05741	.97100	.17655	.21849
#1	.36415	.36812	.36705	.37437	.36784	.37462	.37638
#2	.37150	.38584	.37051	.37406	.37293	.37555	.37755
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500			.37500	.37500	.37500	.37500
Range	5.0000			5.0000	5.0000	5.0000	5.0000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	Q.39472	.36200
SDev	.00093	.00010
%RSD	.23515	.02830
#1	Q.39407	.36208
#2	Q.39538	.36193

Errors	QC Fail	QC Pass
Value	.37500	.37500
Range	5.0000	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2874	--	--	--	--	--	--
SDev	3.659312	--	--	--	--	--	--
%RSD	.1273363	--	--	--	--	--	--
#1	2871	--	--	--	--	--	--
#2	2876	--	--	--	--	--	--

Analysis Report Blank Sample 03/28/06 03:14:14 PM page 1

Method: TRACE2 Sample Name: ICB Operator: SW
Run Time: 03/28/06 15:09:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00091	-.00171	.00116	.00006	.00005	.00655	.00017
SDev	.00277	.00050	.00010	.00004	.00001	.00078	.00008
%RSD	305.23	29.281	8.7785	67.324	19.745	11.877	45.407
#1	.00105	-.00206	.00123	.00009	.00006	.00710	.00012
#2	-.00287	-.00135	.00108	.00003	.00004	.00600	.00023
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00068	-.00026	.00061	.00073	.01536	.00725	.00007
SDev	.00007	.00021	.00002	.00240	.01320	.00121	.00000
%RSD	10.060	81.955	2.5620	327.52	85.921	16.757	.59967
#1	-.00063	-.00011	.00062	.00243	.02469	.00639	.00007
#2	-.00073	-.00040	.00060	-.00096	.00603	.00811	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00038	.05905	.00061	.00224	-.00090	.00015	-.00095
SDev	.00067	.17025	.00060	.00209	.00007	.00065	.00009
%RSD	177.25	288.32	97.648	93.172	7.5327	442.04	9.9290
#1	.00085	.17944	.00103	.00077	-.00085	-.00031	-.00102
#2	-.00010	-.06134	.00019	.00372	-.00095	.00061	-.00088
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00157	-.00013	-.00136	.00016	-.00028	-.00044	-.00008
SDev	.00083	.00025	.00027	.00005	.00198	.00044	.00000
%RSD	52.597	196.36	19.494	29.339	719.08	100.20	1.1173
#1	-.00099	.00005	-.00155	.00019	.00112	-.00013	-.00008
#2	-.00216	-.00030	-.00118	.00013	-.00168	-.00075	-.00008
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00140	.00026
SDev	.00169	.00003
%RSD	121.03	12.590
#1	.00020	.00023
#2	.00260	.00028
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2890	--	--	--	--	--	--
SDev	5.727634	--	--	--	--	--	--
%RSD	.1982206	--	--	--	--	--	--
#1	2885	--	--	--	--	--	--
#2	2894	--	--	--	--	--	--

Analysis Report Blank Sample 03/28/06 03:19:03 PM page 1

Method: TRACE2 Sample Name: CRI Operator: SW
Run Time: 03/28/06 15:14:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19825	.00851	.06739	.00188	.00199	.48148	.00089
SDev	.00162	.00020	.00051	.00003	.00002	.00023	.00013
%RSD	.81625	2.3695	.75257	1.4140	.77040	.04693	14.375
#1	.19940	.00837	.06703	.00187	.00200	.48164	.00099
#2	.19711	.00865	.06775	.00190	.00198	.48132	.00080
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.07500	.00300	.00300	.75000	.00150
Low	.10000	.00500	.02500	.00100	.00100	.25000	.00050

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00382	.00412	.00947	.05233	.44944	.19798	.00313
SDev	.00002	.00023	.00008	.00428	.00360	.00245	.00005
%RSD	.60296	5.6130	.79885	8.1768	.80080	1.2387	1.7080
#1	.00381	.00428	.00942	.05535	.45199	.19971	.00317
#2	.00384	.00395	.00953	.04930	.44690	.19625	.00309
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00961	1.1775	.00956	.00747	.00198	.00381	.01311
SDev	.00097	.0393	.00008	.00558	.00272	.00005	.00042
%RSD	10.081	3.3412	.81864	74.745	136.97	1.2071	3.2282
#1	.01030	1.2053	.00951	.01142	.00006	.00384	.01341
#2	.00893	1.1497	.00962	.00352	.00391	.00378	.01281
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01500	1.5000	.01500			.00750	.02250
Low	.00500	.50000	.00500			.00250	.00750

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01878	.01728	.01102	.00517	.02112	.00456	.01993
SDev	.00148	.00069	.00029	.00010	.00510	.00011	.00019
%RSD	7.9057	4.0062	2.6182	1.8529	24.142	2.4346	.96252
#1	.01983	.01777	.01123	.00524	.02472	.00464	.02006
#2	.01773	.01679	.01082	.00511	.01751	.00448	.01979
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.03000			.00750	.03000	.00750	.03000
Low	.01000			.00250	.01000	.00250	.01000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00823	.00312
SDev	.00256	.00065
%RSD	31.080	20.881
#1	.00642	.00358
#2	.01003	.00266
Errors	LC Pass	LC Pass
High	.01500	.00450
Low	.00500	.00150

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2857	--	--	--	--	--	--
SDev	12.67475	--	--	--	--	--	--
%RSD	.4436714	--	--	--	--	--	--
#1	2848	--	--	--	--	--	--
#2	2866	--	--	--	--	--	--

Analysis Report QC Standard 03/28/06 03:23:53 PM page 1

Method: TRACE2 Sample Name: ICSA Operator: SW
Run Time: 03/28/06 15:19:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	510.65	-.00258	.00427	.01203	.00140	540.29	.00154
SDev	3.70	.00027	.00045	.00006	.00002	2.97	.00016
%RSD	.72379	10.652	10.525	.52440	1.5653	.54888	10.323
#1	513.26	-.00277	.00395	.01207	.00142	542.39	.00166
#2	508.04	-.00238	.00458	.01198	.00139	538.19	.00143
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value	500.00					500.00	
Range	100.00					100.00	

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00065	-.01328	.00047	194.61	.00117	522.36	.00011
SDev	.00012	.00067	.00042	1.49	.01863	3.79	.00015
%RSD	18.325	5.0446	89.095	.76417	1587.7	.72517	136.68
#1	.00056	-.01375	.00017	195.66	.01435	525.04	.00000
#2	.00073	-.01281	.00077	193.56	-.01200	519.68	.00021
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK	QC Pass	NOCHECK
Value				200.00		500.00	
Range				40.000		100.00	

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00196	.16326	.00002	.04030	-.02274	-.00175	-.00212
SDev	.00182	.32470	.00025	.00034	.00428	.00274	.00813
%RSD	92.638	198.88	1073.5	.84743	18.810	156.69	383.72
#1	.00325	-.06633	-.00015	.04054	-.02576	-.00368	.00363
#2	.00068	.39286	.00020	.04005	-.01971	.00019	-.00787
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00122	.00383	-.00510	.00106	.00309	-.00108	.00014
SDev	.00009	.01048	.00696	.00008	.00265	.00057	.00043
%RSD	7.5348	273.49	136.66	7.9184	85.739	52.804	302.54
#1	.00129	.01124	-.00017	.00112	.00122	-.00149	-.00016
#2	.00116	-.00358	-.01002	.00100	.00496	-.00068	.00045
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00553	.00032
SDev	.00041	.00026
%RSD	7.3739	83.124
#1	.00524	.00051
#2	.00582	.00013
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2649	--	--	--	--	--	--
SDev	22.11470	--	--	--	--	--	--
%RSD	.8347964	--	--	--	--	--	--
#1	2633	--	--	--	--	--	--
#2	2665	--	--	--	--	--	--

Analysis Report QC Standard 03/28/06 03:28:43 PM page 1

Method: TRACE2 Sample Name: ICSAB Operator: SW
Run Time: 03/28/06 15:23:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	521.60	.10587	.00885	.52390	.50311	558.96	.98274
SDev	1.19	.00107	.00046	.00054	.00196	2.06	.00303
%RSD	.22824	1.0124	5.2051	.10323	.38894	.36883	.30878
#1	520.76	.10511	.00853	.52428	.50173	557.51	.98060
#2	522.44	.10662	.00918	.52352	.50449	560.42	.98489
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49857	.49102	.54949	98.084	-.00101	494.87	.50093
SDev	.00225	.00168	.00065	.439	.01356	1.72	.00195
%RSD	.45026	.34191	.11890	.44798	1338.5	.34688	.38857
#1	.49698	.48984	.54903	97.773	.00857	493.65	.49955
#2	.50015	.49221	.54995	98.394	-.01060	496.08	.50230
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00140	-.08636	.93683	.09455	.02864	.05059	.05054
SDev	.00028	.04360	.00291	.00176	.00114	.00018	.00161
%RSD	19.787	50.492	.31050	1.8590	3.9854	.34778	3.1853
#1	.00160	-.11719	.93478	.09579	.02783	.05046	.04940
#2	.00120	-.05553	.93889	.09331	.02944	.05071	.05168
Errors	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value			1.0000			.05000	.05000
Range			.20000			.01000	.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.62099	.04845	.05159	.00124	.10504	.50773	.95204
SDev	.00127	.00653	.00568	.00008	.00008	.00170	.00368
%RSD	.20504	13.474	11.008	6.4686	.07617	.33536	.38654
#1	.62009	.05307	.04757	.00119	.10509	.50652	.94943
#2	.62189	.04384	.05561	.00130	.10498	.50893	.95464
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.60000				.10000	.50000	1.0000
Range	.12000				.02000	.10000	.20000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00296	.21537
SDev	.00616	.00085
%RSD	207.99	.39427
#1	.00732	.21597
#2	-.00139	.21477
Errors	NOCHECK	QC Pass
Value		.20000
Range		.04000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2629	--	--	--	--	--	--
SDev	8.326286	--	--	--	--	--	--
%RSD	.3167077	--	--	--	--	--	--
#1	2635	--	--	--	--	--	--
#2	2623	--	--	--	--	--	--

Analysis Report QC Standard 03/28/06 03:34:53 PM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 03/28/06 15:30:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.715	.48605	.48126	.47435	.49806	24.978	.48886
SDev	.083	.00122	.00434	.00015	.00167	.101	.00211
%RSD	.33394	.25066	.90097	.03241	.33478	.40596	.43199
#1	24.657	.48519	.47820	.47424	.49688	24.906	.48737
#2	24.773	.48691	.48433	.47446	.49924	25.049	.49036
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49628	.50021	.51331	25.098	24.915	24.967	.50922
SDev	.00328	.00204	.00076	.123	.013	.097	.00190
%RSD	.66124	.40773	.14911	.48860	.05081	.39042	.37367
#1	.49396	.49876	.51277	25.012	24.906	24.898	.50788
#2	.49860	.50165	.51386	25.185	24.924	25.036	.51057
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49879	24.663	.49580	.49106	.50150	.49802	.49697
SDev	.00335	.000	.00126	.00553	.00544	.00179	.00070
%RSD	.67104	.00058	.25315	1.1251	1.0840	.35865	.14133
#1	.49642	24.663	.49491	.49496	.49766	.49676	.49747
#2	.50115	24.662	.49669	.48715	.50535	.49929	.49648
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49363	.50094	.49500	.50200	.49840	.49811	.49529
SDev	.00206	.01077	.00433	.00136	.00286	.00159	.00298
%RSD	.41773	2.1506	.87535	.27060	.57476	.31987	.60059
#1	.49217	.50856	.49193	.50104	.49637	.49698	.49319
#2	.49509	.49332	.49806	.50296	.50042	.49923	.49739
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.52146	.48657
SDev	.00149	.00084
%RSD	.28515	.17300
#1	.52041	.48598
#2	.52252	.48717
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2862	--	--	--	--	--	--
SDev	2.068322	--	--	--	--	--	--
%RSD	.0722637	--	--	--	--	--	--
#1	2864	--	--	--	--	--	--
#2	2861	--	--	--	--	--	--

Analysis Report Blank Sample 03/28/06 03:39:43 PM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 03/28/06 15:34:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02916	.00037	.00131	.00000	.00004	.02743	.00006
SDev	.00098	.00074	.00035	.00008	.00001	.00086	.00007
%RSD	3.3588	199.91	26.487	259560.	32.184	3.1424	122.50
#1	.02847	.00089	.00106	.00006	.00005	.02804	.00001
#2	.02985	-.00015	.00155	-.00006	.00003	.02682	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00038	-.00013	-.00078	.02182	.00161	.03361	.00011
SDev	.00014	.00006	.00020	.00802	.02204	.00205	.00006
%RSD	36.688	44.077	25.231	36.770	1368.9	6.1148	51.365
#1	-.00028	-.00009	-.00064	.01615	.01719	.03506	.00016
#2	-.00048	-.00017	-.00092	.02750	-.01397	.03216	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00154	.15532	.00007	.00360	-.00112	.00045	-.00405
SDev	.00022	.00575	.00007	.00001	.00071	.00047	.00139
%RSD	14.616	3.7007	110.12	.14103	63.236	104.21	34.344
#1	.00170	.15938	.00001	.00359	-.00161	.00012	-.00503
#2	.00138	.15125	.00012	.00360	-.00062	.00079	-.00307
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00142	-.00249	-.00483	.00018	-.00110	-.00019	-.00001
SDev	.00166	.00230	.00094	.00023	.00127	.00044	.00010
%RSD	116.55	92.495	19.365	125.57	115.61	235.19	1208.0
#1	.00025	-.00412	-.00549	.00034	-.00200	.00012	.00006
#2	.00260	-.00086	-.00417	.00002	-.00020	-.00050	-.00008
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00179	.00002
SDev	.00096	.00073
%RSD	53.701	4406.3
#1	.00111	.00053
#2	.00246	-.00050
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2873	--	--	--	--	--	--
SDev	7.424621	--	--	--	--	--	--
%RSD	.2584252	--	--	--	--	--	--
#1	2868	--	--	--	--	--	--
#2	2878	--	--	--	--	--	--

Analysis Report 03/28/06 03:44:34 PM page 1

Method: TRACE2 Sample Name: AD613906/PB Operator: SW
Run Time: 03/28/06 15:39:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01642	-.00221	.00122	.00001	.00001	.01658	.00000
SDev	.00053	.00088	.00065	.00000	.00001	.00080	.00007
%RSD	3.2303	39.766	53.756	7.3992	109.74	4.8269	1878.2
#1	.01605	-.00283	.00075	.00001	.00000	.01714	-.00005
#2	.01680	-.00159	.00168	.00001	.00001	.01601	.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00045	.00008	-.00099	.01151	-.00124	.01563	.00009
SDev	.00010	.00018	.00003	.00485	.01931	.00052	.00002
%RSD	22.662	228.45	3.1774	42.137	1552.1	3.3110	21.373
#1	-.00052	.00021	-.00097	.00808	.01241	.01526	.00010
#2	-.00038	-.00005	-.00102	.01493	-.01490	.01599	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00018	.05406	.00015	.00058	-.00082	-.00035	-.00320
SDev	.00109	.08364	.00003	.00206	.00159	.00037	.00201
%RSD	620.56	154.72	20.515	357.02	194.24	105.76	62.691
#1	.00059	.11321	.00018	.00203	-.00194	-.00062	-.00178
#2	-.00094	-.00508	.00013	-.00088	.00031	-.00009	-.00462
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00065	-.00039	-.00461	.00009	.00275	-.00025	.00069
SDev	.00204	.00342	.00130	.00023	.00055	.00017	.00011
%RSD	315.08	880.78	28.194	261.25	19.923	68.827	15.350
#1	.00209	.00203	-.00369	.00025	.00237	-.00013	.00061
#2	-.00080	-.00281	-.00553	-.00008	.00314	-.00038	.00076
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00056	.00020
SDev	.00102	.00002
%RSD	180.96	8.2389
#1	.00128	.00021
#2	-.00016	.00019
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2894	--	--	--	--	--	--
SDev	12.67492	--	--	--	--	--	--
%RSD	.4379403	--	--	--	--	--	--
#1	2903	--	--	--	--	--	--
#2	2885	--	--	--	--	--	--

Analysis Report 03/28/06 03:49:24 PM page 1

Method: TRACE2 Sample Name: AD613905/FB Operator: SW
Run Time: 03/28/06 15:44:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.8020	.19791	.19236	.20439	.19956	9.7516	.19815
SDev	.0059	.00323	.00088	.00064	.00015	.0012	.00003
%RSD	.05970	1.6313	.45563	.31089	.07569	.01183	.01330
#1	9.7979	.20019	.19174	.20484	.19945	9.7508	.19817
#2	9.8062	.19562	.19298	.20394	.19966	9.7524	.19813
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20023	.19875	.19997	9.9651	9.7742	9.9194	.19821
SDev	.00022	.00002	.00004	.0079	.0126	.0134	.00049
%RSD	.11001	.00905	.01944	.07970	.12848	.13528	.24849
#1	.20007	.19874	.19999	9.9595	9.7831	9.9099	.19786
#2	.20038	.19876	.19994	9.9707	9.7653	9.9289	.19856
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19992	10.223	.20008	.20059	.20559	.20393	.19804
SDev	.00093	.001	.00007	.00057	.00178	.00138	.00090
%RSD	.46468	.01142	.03638	.28394	.86599	.67534	.45708
#1	.19926	10.222	.20003	.20099	.20685	.20490	.19740
#2	.20058	10.224	.20013	.20019	.20433	.20295	.19868
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.23000	11.500	.23000			.23000	.23000
Low	.17000	8.5000	.17000			.17000	.17000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19709	.19838	.19788	.19922	.19723	.19951	.20570
SDev	.00254	.00654	.00191	.00006	.00078	.00011	.00037
%RSD	1.2889	3.2957	.96582	.02928	.39529	.05450	.17820
#1	.19529	.19375	.19923	.19918	.19668	.19944	.20596
#2	.19888	.20300	.19653	.19926	.19778	.19959	.20544
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000			.23000	.23000	.23000	.23000
Low	.17000			.17000	.17000	.17000	.17000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20430	.04981
SDev	.00277	.00002
%RSD	1.3562	.03216
#1	.20234	.04980
#2	.20626	.04982
Errors	LC Pass	LC Pass
High	.23000	.05750
Low	.17000	.04250

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2889	--	--	--	--	--	--
SDev	.9544906	--	--	--	--	--	--
%RSD	.0330345	--	--	--	--	--	--
#1	2889	--	--	--	--	--	--
#2	2890	--	--	--	--	--	--

Analysis Report 03/28/06 03:54:14 PM page 1

Method: TRACE2 Sample Name: AD613902 Operator: SW
Run Time: 03/28/06 15:49:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.6004	.00602	5.0069	.04971	.00337	C.00000	.00217
SDev	.0154	.00035	.0116	.00012	.00002	.00000	.00007
%RSD	.20234	5.8254	.23184	.24925	.53123	.00000	3.3746
#1	7.5895	.00578	5.0151	.04980	.00338	C.00000	.00212
#2	7.6113	.00627	4.9987	.04963	.00336	C.00000	.00222
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00522	.37562	.02147	11.818	H746.50	H2418.5	.52149
SDev	.00020	.00301	.00034	.049	6.33	2.9	.00077
%RSD	3.9340	.80132	1.5791	.41742	.84775	.12118	.14827
#1	.00536	.37349	.02123	11.783	H750.97	H2416.4	.52095
#2	.00507	.37775	.02171	11.853	H742.02	H2420.6	.52204
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC High	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00933	H6092.0	.17473	.00998	.01152	.01101	-.00322
SDev	.00043	15.3	.00198	.00989	.00380	.00076	.00406
%RSD	4.6338	.25108	1.1328	99.080	33.010	6.8847	125.83
#1	.00964	H6102.9	.17333	.01698	.00883	.01154	-.00609
#2	.00903	H6081.2	.17613	.00299	.01421	.01047	-.00036
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	.00616	-.00792	.14049	-.00067	.00928	.06205
SDev	.00073	.00900	.00159	.00745	.00137	.00092	.00035
%RSD	374.13	146.00	20.027	5.3037	203.77	9.8974	.56050
#1	.00071	-.00020	-.00904	.13522	-.00164	.00863	.06180
#2	-.00032	.01253	-.00680	.14575	.00030	.00993	.06229
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00493	-.00005
SDev	.00132	.00020
%RSD	26.846	449.92
#1	.00400	.00010
#2	.00587	-.00019
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1825	--	--	--	--	--	--
SDev	8.273115	--	--	--	--	--	--
%RSD	.4532158	--	--	--	--	--	--
#1	1820	--	--	--	--	--	--
#2	1831	--	--	--	--	--	--

Analysis Report 03/28/06 03:59:03 PM page 1

Method: TRACE2 Sample Name: AD613902/L (1:5) Operator: SW
Run Time: 03/28/06 15:54:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.7159	.00110	.95479	.01128	.00099	H970.41	.00057
SDev	.0568	.00053	.01716	.00010	.00002	16.34	.00017
%RSD	3.3074	47.786	1.7970	.85397	2.3260	1.6842	28.854
#1	1.7560	.00073	.96693	.01134	.00100	H981.96	.00069
#2	1.6758	.00147	.94266	.01121	.00097	H958.85	.00046
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00125	.08183	.00406	2.6378	103.05	571.92	.11112
SDev	.00005	.00112	.00014	.0368	1.67	7.32	.00150
%RSD	3.7365	1.3622	3.4695	1.3951	1.6168	1.2792	1.3519
#1	.00128	.08262	.00396	2.6638	104.23	577.09	.11218
#2	.00121	.08104	.00416	2.6117	101.88	566.74	.11006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00173	H2617.9	.03996	.00310	-.00050	.00070	-.00022
SDev	.00010	21.7	.00008	.00179	.00019	.00072	.00487
%RSD	5.7756	.82744	.18939	57.620	38.471	103.21	2216.2
#1	.00166	H2633.2	.03991	.00437	-.00036	.00121	.00322
#2	.00181	H2602.5	.04002	.00184	-.00063	.00019	-.00366
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00081	.00073	-.00070	.04772	.00174	.00213	.01418
SDev	.00315	.00125	.00668	.00009	.00150	.00044	.00046
%RSD	390.37	170.00	959.94	.19176	86.152	20.690	3.2446
#1	-.00142	.00161	.00403	.04765	.00068	.00244	.01451
#2	.00303	-.00015	-.00542	.04778	.00279	.00182	.01386
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00439	-.00021
SDev	.00112	.00022
%RSD	25.555	106.41
#1	.00360	-.00036
#2	.00519	-.00005
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2384	--	--	--	--	--	--
SDev	15.69774	--	--	--	--	--	--
%RSD	.6584137	--	--	--	--	--	--
#1	2373	--	--	--	--	--	--
#2	2395	--	--	--	--	--	--

Analysis Report 03/28/06 04:03:53 PM page 1

Method: TRACE2 Sample Name: AD613902/PS Operator: SW
Run Time: 03/28/06 15:59:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	21.757	.24665	5.2465	.26496	.18775	C.00000	.18230
SDev	.001	.00221	.0093	.00106	.00052	.00000	.00055
%RSD	.00529	.89598	.17694	.39866	.27907	.00000	.30172
#1	21.756	.24509	5.2400	.26421	.18737	C.00000	.18191
#2	21.758	.24822	5.2531	.26571	.18812	C.00000	.18269
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19016	.56532	.28786	20.921	H796.89	H2404.8	.70733
SDev	.00039	.00136	.00063	.007	6.82	7.2	.00044
%RSD	.20526	.24038	.21905	.03268	.85565	.30055	.06163
#1	.18988	.56436	.28742	20.916	H801.71	H2399.7	.70702
#2	.19044	.56628	.28831	20.926	H792.07	H2409.9	.70764
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC High	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22871	H6105.8	.35502	.21293	.20893	.21026	.22970
SDev	.00032	.9	.00236	.00151	.01059	.00656	.00154
%RSD	.14096	.01435	.66596	.70702	5.0700	3.1219	.66992
#1	.22849	H6105.2	.35335	.21399	.20144	.20562	.23079
#2	.22894	H6106.4	.35669	.21186	.21642	.21490	.22861
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24688	.24504	.22203	.42597	.19918	.21077	.23389
SDev	.00169	.00530	.00034	.01135	.00058	.00084	.00068
%RSD	.68498	2.1636	.15433	2.6640	.28897	.39998	.28984
#1	.24568	.24879	.22179	.43400	.19878	.21018	.23341
#2	.24807	.24129	.22228	.41795	.19959	.21137	.23437
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.22548	.06917
SDev	.00092	.00098
%RSD	.40654	1.4166
#1	.22613	.06986
#2	.22483	.06847
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1813	--	--	--	--	--	--
SDev	9.492857	--	--	--	--	--	--
%RSD	.5235091	--	--	--	--	--	--
#1	1807	--	--	--	--	--	--
#2	1820	--	--	--	--	--	--

Analysis Report 03/28/06 04:08:43 PM page 1

Method: TRACE2 Sample Name: AD613903/MD Operator: SW
Run Time: 03/28/06 16:03:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.7584	.00706	5.1070	.05351	.00343	C.00000	.00206
SDev	.0005	.00356	.0059	.00021	.00001	.00000	.00009
%RSD	.00694	50.409	.11476	.38523	.22880	.00000	4.2385
#1	7.7588	.00958	5.1029	.05366	.00344	C.00000	.00200
#2	7.7580	.00455	5.1112	.05337	.00343	C.00000	.00213
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00533	.35299	.02095	11.785	H771.11	H2418.2	.52108
SDev	.00056	.00212	.00043	.047	3.79	9.5	.00166
%RSD	10.531	.60150	2.0560	.40006	.49189	.39168	.31928
#1	.00493	.35149	.02064	11.752	H773.80	H2411.5	.51991
#2	.00572	.35450	.02125	11.819	H768.43	H2424.9	.52226
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC High	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00951	H6167.5	.16847	.01034	.01008	.01017	-.00506
SDev	.00235	2.7	.00203	.00441	.00531	.00208	.00154
%RSD	24.712	.04340	1.2059	42.666	52.708	20.408	30.414
#1	.01118	H6169.4	.16703	.01346	.00632	.00870	-.00397
#2	.00785	H6165.6	.16991	.00722	.01384	.01163	-.00615
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00372	.00698	-.01108	.14194	-.00394	.00954	.06286
SDev	.00151	.00075	.00269	.00725	.00203	.00052	.00060
%RSD	40.485	10.769	24.229	5.1073	51.562	5.4553	.95147
#1	.00478	.00645	-.00918	.14706	-.00250	.00917	.06244
#2	.00265	.00751	-.01298	.13681	-.00537	.00991	.06328
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00746	-.00062
SDev	.00081	.00015
%RSD	10.930	24.191
#1	.00688	-.00052
#2	.00804	-.00073
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1831	--	--	--	--	--	--
SDev	5.462383	--	--	--	--	--	--
%RSD	.2982769	--	--	--	--	--	--
#1	1827	--	--	--	--	--	--
#2	1835	--	--	--	--	--	--

Analysis Report 03/28/06 04:21:58 PM page 1

Method: TRACE2 Sample Name: AD613904/MS Operator: SW
Run Time: 03/28/06 16:17:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.2667	.05125	4.8978	1.9883	.04726	C.00000	.04424
SDev	.0664	.00065	.0170	.0093	.00008	.00000	.00030
%RSD	.71701	1.2632	.34655	.46570	.17193	.00000	.68736
#1	9.2197	.05171	4.8858	1.9818	.04720	C.00000	.04403
#2	9.3137	.05079	4.9098	1.9949	.04732	C.00000	.04446
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45834	.50613	.31775	12.169	H717.01	H2349.4	.96441
SDev	.00084	.00142	.00107	.048	2.00	11.3	.00237
%RSD	.18231	.28089	.33635	.39163	.27889	.48174	.24534
#1	.45775	.50513	.31700	12.135	H718.43	H2341.4	.96274
#2	.45893	.50714	.31851	12.203	H715.60	H2357.4	.96609
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC High	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00793	H5996.1	.57034	.03531	.02548	.02875	.04968
SDev	.00027	3.3	.00426	.00046	.00114	.00061	.00521
%RSD	3.3973	.05446	.74641	1.3013	4.4710	2.1104	10.490
#1	.00812	H5993.8	.56733	.03564	.02467	.02832	.04600
#2	.00774	H5998.4	.57335	.03499	.02628	.02918	.05337
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11379	.06234	.04335	.12948	.04641	.48328	.48446
SDev	.00323	.00138	.00851	.00232	.00273	.00083	.00095
%RSD	2.8388	2.2069	19.619	1.7883	5.8797	.17257	.19657
#1	.11150	.06332	.03734	.12784	.04834	.48269	.48379
#2	.11607	.06137	.04936	.13112	.04448	.48387	.48513
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00597	.06319
SDev	.00025	.00073
%RSD	4.1211	1.1573
#1	.00580	.06268
#2	.00614	.06371
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1853	--	--	--	--	--	--
SDev	17.12964	--	--	--	--	--	--
%RSD	.9245087	--	--	--	--	--	--
#1	1841	--	--	--	--	--	--
#2	1865	--	--	--	--	--	--

Analysis Report Blank Sample 03/28/06 04:28:08 PM page 1

Method: TRACE2 Sample Name: CRI Operator: SW
Run Time: 03/28/06 16:23:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20792	.00916	.07493	.00221	.00205	.54300	.00097
SDev	.00032	.00022	.00069	.00013	.00001	.02489	.00004
%RSD	.15259	2.4141	.92576	5.9468	.67507	4.5828	4.3947
#1	.20770	.00931	.07444	.00212	.00204	.56059	.00094
#2	.20815	.00900	H.07542	.00230	.00206	.52540	.00100
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.07500	.00300	.00300	.75000	.00150
Low	.10000	.00500	.02500	.00100	.00100	.25000	.00050

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00379	.00380	.00862	.05235	.46131	.23145	.00309
SDev	.00002	.00049	.00020	.00141	.01228	.01630	.00001
%RSD	.64272	12.835	2.3776	2.6932	2.6615	7.0433	.40963
#1	.00377	.00346	.00848	.05136	.46999	.24298	.00310
#2	.00381	.00415	.00877	.05335	.45262	.21992	.00309
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01039	H2.0039	.01015	.00723	.00405	.00511	.01512
SDev	.00054	.3991	.00025	.00144	.00055	.00011	.00006
%RSD	5.2348	19.914	2.4947	19.865	13.681	2.1390	.37752
#1	.01000	H2.2860	.01033	.00825	.00365	.00518	.01516
#2	.01077	H1.7217	.00997	.00622	.00444	.00503	.01508
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01500	1.5000	.01500			.00750	.02250
Low	.00500	.50000	.00500			.00250	.00750

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01888	.01898	.01320	.00563	.02067	.00476	.02070
SDev	.00193	.00195	.00106	.00013	.00278	.00007	.00002
%RSD	10.243	10.290	8.0478	2.3445	13.457	1.4107	.07588
#1	.01751	.01760	.01395	.00573	.02263	.00471	.02068
#2	.02025	.02036	.01245	.00554	.01870	.00480	.02071
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.03000			.00750	.03000	.00750	.03000
Low	.01000			.00250	.01000	.00250	.01000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.01060	.00333
SDev	.00061	.00004
%RSD	5.7961	1.3319
#1	.01017	.00336
#2	.01104	.00330
Errors	LC Pass	LC Pass
High	.01500	.00450
Low	.00500	.00150

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2887	--	--	--	--	--	--
SDev	11.29610	--	--	--	--	--	--
%RSD	.3912120	--	--	--	--	--	--
#1	2879	--	--	--	--	--	--
#2	2895	--	--	--	--	--	--

Analysis Report QC Standard 03/28/06 04:32:58 PM page 1

Method: TRACE2 Sample Name: ICSA Operator: SW
Run Time: 03/28/06 16:28:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	514.05	.00063	.00889	.01263	.00143	548.80	.00057
SDev	.31	.00162	.00056	.00014	.00002	.59	.00022
%RSD	.06085	256.45	6.3301	1.0724	1.4962	.10668	39.158
#1	514.27	.00177	.00849	.01272	.00145	549.22	.00042
#2	513.83	-.00051	.00928	.01253	.00142	548.39	.00073
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value	500.00					500.00	
Range	100.00					100.00	

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00084	-.01324	-.00071	194.28	-.00072	514.87	.00018
SDev	.00008	.00007	.00026	.13	.02706	.17	.00000
%RSD	9.2956	.52953	36.145	.06582	3742.5	.03310	.83180
#1	.00090	-.01319	-.00089	194.19	.01841	514.75	.00018
#2	.00078	-.01329	-.00053	194.38	-.01986	514.99	.00018
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK	QC Pass	NOCHECK
Value				200.00		500.00	
Range				40.000		100.00	

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00173	.70256	.00040	.03791	-.02093	-.00134	.00016
SDev	.00122	.08317	.00011	.00473	.00168	.00046	.00181
%RSD	70.287	11.838	28.278	12.483	8.0146	34.109	1101.9
#1	.00260	.76137	.00048	.04125	-.02212	-.00102	-.00112
#2	.00087	.64375	.00032	.03456	-.01975	-.00166	.00145
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00271	-.00064	.00056	.00108	-.00064	-.00087	.00035
SDev	.00439	.00648	.00596	.00005	.00408	.00027	.00081
%RSD	161.82	1020.5	1056.1	4.6632	639.21	30.496	229.50
#1	-.00039	.00395	-.00365	.00112	-.00352	-.00106	-.00022
#2	.00581	-.00522	.00478	.00105	.00224	-.00068	.00092
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00261	.00061
SDev	.00034	.00025
%RSD	13.063	41.079
#1	.00285	.00078
#2	.00237	.00043
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2647	--	--	--	--	--	--
SDev	12.19759	--	--	--	--	--	--
%RSD	.4608125	--	--	--	--	--	--
#1	2638	--	--	--	--	--	--
#2	2656	--	--	--	--	--	--

Analysis Report QC Standard 03/28/06 04:37:48 PM page 1

Method: TRACE2 Sample Name: ICSAB Operator: SW
Run Time: 03/28/06 16:33:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	512.48	.10289	.01228	.52137	.49499	549.37	.96436
SDev	.91	.00213	.00032	.00047	.00105	.84	.00255
%RSD	.17778	2.0700	2.5724	.09001	.21293	.15267	.26410
#1	511.83	.10139	.01205	.52170	.49424	548.78	.96256
#2	513.12	.10440	.01250	.52104	.49573	549.96	.96616
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48864	.48107	.54123	96.133	-.00506	480.19	.49073
SDev	.00191	.00153	.00085	.220	.01982	1.33	.00180
%RSD	.39025	.31728	.15803	.22919	391.61	.27786	.36744
#1	.48730	.47999	.54063	95.978	.00896	479.25	.48946
#2	.48999	.48215	.54183	96.289	-.01908	481.13	.49201
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00220	.65828	.91834	.08982	.02923	.04941	.04988
SDev	.00037	.01145	.00120	.00472	.00192	.00029	.00002
%RSD	16.769	1.7398	.13032	5.2528	6.5759	.58473	.03404
#1	.00246	.66638	.91749	.09316	.02788	.04961	.04987
#2	.00194	.65018	.91918	.08649	.03059	.04921	.04989
Errors	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value			1.0000			.05000	.05000
Range			.20000			.01000	.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.61335	.04688	.05138	.00103	.10455	.49867	.93613
SDev	.00902	.00126	.00060	.00005	.00349	.00098	.00294
%RSD	1.4709	2.6825	1.1743	5.0933	3.3374	.19563	.31402
#1	.60697	.04599	.05181	.00099	.10208	.49798	.93405
#2	.61973	.04777	.05095	.00107	.10701	.49936	.93821
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.60000				.10000	.50000	1.0000
Range	.12000				.02000	.10000	.20000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00488	.21303
SDev	.00019	.00124
%RSD	3.8398	.58290
#1	.00502	.21215
#2	.00475	.21391
Errors	NOCHECK	QC Pass
Value		.20000
Range		.04000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2667	--	--	--	--	--	--
SDev	3.341149	--	--	--	--	--	--
%RSD	.1252545	--	--	--	--	--	--
#1	2665	--	--	--	--	--	--
#2	2670	--	--	--	--	--	--

Analysis Report QC Standard 03/28/06 04:43:58 PM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 03/28/06 16:39:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.250	.49553	.49046	.50298	.50752	25.738	.49556
SDev	.046	.00141	.00065	.00266	.00013	.033	.00024
%RSD	.18184	.28390	.13197	.52942	.02647	.12919	.04852
#1	25.217	.49652	.49001	.50109	.50743	25.714	.49573
#2	25.282	.49453	.49092	.50486	.50762	25.761	.49539
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50119	.50491	.52596	25.300	25.257	25.089	.51235
SDev	.00004	.00050	.00099	.000	.012	.024	.00050
%RSD	.00831	.09899	.18838	.00071	.04603	.09699	.09713
#1	.50117	.50526	.52526	25.300	25.265	25.072	.51270
#2	.50122	.50456	.52666	25.300	25.248	25.106	.51200
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50579	25.568	.50727	.49685	.51102	.50630	.50376
SDev	.00170	.061	.00012	.00074	.00248	.00141	.00105
%RSD	.33587	.23757	.02431	.14811	.48437	.27769	.20853
#1	.50458	25.611	.50736	.49633	.51277	.50730	.50450
#2	.50699	25.525	.50718	.49737	.50927	.50531	.50302
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50818	.50444	.50342	.51850	.51322	.50776	.50197
SDev	.00059	.00372	.00028	.00131	.00863	.00078	.00002
%RSD	.11667	.73735	.05643	.25304	1.6814	.15350	.00374
#1	.50776	.50707	.50322	.51757	.50712	.50721	.50198
#2	.50860	.50181	.50363	.51943	.51932	.50831	.50195
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.52463	.49893
SDev	.00171	.00058
%RSD	.32604	.11602
#1	.52342	.49852
#2	.52584	.49934
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2831	--	--	--	--	--	--
SDev	15.00841	--	--	--	--	--	--
%RSD	.5302178	--	--	--	--	--	--
#1	2820	--	--	--	--	--	--
#2	2841	--	--	--	--	--	--

Analysis Report Blank Sample 03/28/06 04:48:48 PM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 03/28/06 16:44:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04172	-.00050	.00423	.00011	.00028	.07082	.00009
SDev	.00274	.00010	.00001	.00006	.00017	.00907	.00012
%RSD	6.5685	20.682	.28041	54.229	62.878	12.811	135.15
#1	.04365	-.00043	.00422	.00016	.00040	.07723	.00000
#2	.03978	-.00057	.00424	.00007	.00015	.06440	.00018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00042	-.00015	-.00126	.01154	.00454	.07079	.00014
SDev	.00010	.00029	.00058	.00469	.01568	.01195	.00007
%RSD	24.396	190.55	46.475	40.690	345.14	16.877	47.926
#1	-.00049	-.00036	-.00084	.01485	.01563	.07924	.00009
#2	-.00035	.00005	-.00167	.00822	-.00654	.06234	.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	.59226	.00005	.00412	-.00095	.00074	-.00223
SDev	.00065	.04961	.00034	.00368	.00305	.00081	.00179
%RSD	821.33	8.3762	725.31	89.370	322.47	109.52	80.361
#1	.00054	.55719	-.00019	.00672	-.00310	.00017	-.00096
#2	-.00038	.62734	.00029	.00151	.00121	.00131	-.00349
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00198	.00214	-.00441	.00144	-.00038	-.00018	.00009
SDev	.00207	.00596	.00029	.00167	.00113	.00045	.00017
%RSD	104.44	278.35	6.6763	115.95	299.02	242.18	185.87
#1	.00344	.00636	-.00462	.00262	-.00117	-.00050	-.00003
#2	.00052	-.00207	-.00420	.00026	.00042	.00013	.00022
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00036	.00036
SDev	.00012	.00017
%RSD	32.333	48.911
#1	.00027	.00048
#2	.00044	.00023
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2736	--	--	--	--	--	--
SDev	136.0297	--	--	--	--	--	--
%RSD	4.971367	--	--	--	--	--	--
#1	2640	--	--	--	--	--	--
#2	2832	--	--	--	--	--	--

Analysis Report 03/28/06 04:53:38 PM page 1

Method: TRACE2 Sample Name: AD613915/PB Operator: SW
Run Time: 03/28/06 16:48:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01223	-.00189	.00239	.00011	-.00000	.08323	.00005
SDev	.00131	.00003	.00039	.00003	.00005	.02607	.00008
%RSD	10.736	1.6723	16.168	29.222	1072.9	31.328	178.02
#1	.01130	-.00191	.00212	.00013	-.00004	.06479	.00010
#2	.01315	-.00186	.00266	.00008	.00003	.10167	-.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	.00013	-.00113	.00528	.00812	.06437	.00002
SDev	.00048	.00023	.00028	.00085	.00519	.01526	.00000
%RSD	973.35	174.12	24.550	16.197	63.856	23.706	16.329
#1	.00039	-.00003	-.00093	.00467	.01179	.05358	.00002
#2	-.00029	.00029	-.00132	.00588	.00445	.07516	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00000	.78455	-.00013	.00252	-.00182	-.00037	-.00286
SDev	.00013	.32069	.00004	.00080	.00122	.00108	.00312
%RSD	40738.	40.875	27.701	31.691	67.408	289.94	109.29
#1	.00009	.55779	-.00015	.00195	-.00268	-.00114	-.00507
#2	-.00009	H1.0113	-.00010	.00308	-.00095	.00039	-.00065
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00031	-.00488	-.00185	.00013	-.00240	-.00025	.00097
SDev	.00160	.00118	.00409	.00018	.00289	.00017	.00007
%RSD	520.55	24.262	221.41	135.32	120.27	67.415	7.3066
#1	-.00082	-.00571	-.00474	.00026	-.00444	-.00013	.00102
#2	.00144	-.00404	.00105	.00001	-.00036	-.00037	.00092
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00082	-.00000
SDev	.00078	.00024
%RSD	95.697	6216.1
#1	.00137	-.00017
#2	.00026	.00016
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2887	--	--	--	--	--	--
SDev	51.01769	--	--	--	--	--	--
%RSD	1.766938	--	--	--	--	--	--
#1	2923	--	--	--	--	--	--
#2	2851	--	--	--	--	--	--

Analysis Report 03/28/06 04:58:28 PM page 1

Method: TRACE2 Sample Name: AD613914/FB Operator: SW
Run Time: 03/28/06 16:53:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.030	.20098	.19879	.20899	.20331	9.9661	.20111
SDev	.002	.00085	.00052	.00034	.00050	.0117	.00061
%RSD	.01561	.42156	.26024	.16233	.24459	.11713	.30268
#1	10.029	.20158	.19842	.20923	.20296	9.9578	.20068
#2	10.031	.20038	.19915	.20875	.20366	9.9743	.20154
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20383	.20307	.20376	10.147	10.005	9.9972	.20166
SDev	.00110	.00150	.00046	.030	.019	.0083	.00030
%RSD	.54035	.74018	.22782	.29482	.18574	.08272	.15103
#1	.20305	.20201	.20343	10.125	10.018	9.9913	.20145
#2	.20461	.20413	.20409	10.168	9.9919	10.003	.20188
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20252	10.617	.20370	.20213	.20819	.20618	.20052
SDev	.00034	.109	.00014	.00182	.00107	.00011	.00302
%RSD	.16968	1.0289	.06701	.89917	.51349	.05230	1.5059
#1	.20227	10.539	.20360	.20342	.20744	.20610	.20266
#2	.20276	10.694	.20379	.20085	.20895	.20625	.19838
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.23000	11.500	.23000			.23000	.23000
Low	.17000	8.5000	.17000			.17000	.17000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20208	.19925	.20116	.20275	.20168	.20397	.20958
SDev	.00138	.00938	.00016	.00007	.00448	.00072	.00072
%RSD	.68490	4.7056	.07878	.03583	2.2218	.35336	.34358
#1	.20110	.20588	.20105	.20270	.19851	.20346	.20907
#2	.20306	.19262	.20127	.20281	.20485	.20448	.21009
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000			.23000	.23000	.23000	.23000
Low	.17000			.17000	.17000	.17000	.17000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20680	.05270
SDev	.00037	.00023
%RSD	.18094	.44261
#1	.20706	.05253
#2	.20654	.05286
Errors	LC Pass	LC Pass
High	.23000	.05750
Low	.17000	.04250

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2844	--	--	--	--	--	--
SDev	.1589955	--	--	--	--	--	--
%RSD	.0055909	--	--	--	--	--	--
#1	2844	--	--	--	--	--	--
#2	2844	--	--	--	--	--	--

Analysis Report 03/28/06 05:03:18 PM page 1

Method: TRACE2 Sample Name: AD613907 Operator: SW
Run Time: 03/28/06 16:58:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.34781	-.00065	.11901	.00994	.00002	22.809	-.00014
SDev	.00311	.00101	.00111	.00009	.00000	.070	.00010
%RSD	.89297	155.72	.93516	.85890	2.4717	.30772	69.724
#1	.35001	.00007	.11823	.00988	.00002	22.760	-.00007
#2	.34561	-.00137	.11980	.01000	.00003	22.859	-.00021
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00013	.00225	-.00035	.23481	1.1970	2.5027	.01838
SDev	.00025	.00030	.00009	.00403	.0111	.0009	.00003
%RSD	195.78	13.258	25.651	1.7172	.92907	.03557	.19206
#1	.00031	.00246	-.00028	.23766	1.2049	2.5033	.01841
#2	-.00005	.00204	-.00041	.23196	1.1891	2.5021	.01836
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00095	3.3464	.00259	.00228	-.00033	.00054	-.00192
SDev	.00019	.0101	.00010	.00057	.00112	.00094	.00086
%RSD	20.361	.30167	4.0110	25.025	339.56	174.57	44.832
#1	.00082	3.3392	.00267	.00268	.00046	.00120	-.00253
#2	.00109	3.3535	.00252	.00187	-.00113	-.00013	-.00131
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00017	-.00135	-.00220	.00750	-.00145	.00069	.02133
SDev	.00022	.00213	.00236	.00031	.00169	.00027	.00011
%RSD	128.77	157.92	106.98	4.1125	116.96	38.819	.49549
#1	.00032	.00016	-.00387	.00772	-.00265	.00050	.02125
#2	.00002	-.00286	-.00054	.00728	-.00025	.00088	.02140
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00038	.00021
SDev	.00213	.00053
%RSD	558.28	249.84
#1	.00113	-.00016
#2	-.00189	.00058
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2843	--	--	--	--	--	--
SDev	.5835012	--	--	--	--	--	--
%RSD	.0205221	--	--	--	--	--	--
#1	2844	--	--	--	--	--	--
#2	2843	--	--	--	--	--	--

Analysis Report 03/28/06 05:08:09 PM page 1

Method: TRACE2 Sample Name: AD613908 Operator: SW
Run Time: 03/28/06 17:03:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.27173	-.00109	.11125	.01365	.00002	24.736	-.00009
SDev	.00142	.00027	.00190	.00002	.00001	.070	.00020
%RSD	.52408	24.788	1.7042	.16552	59.039	.28175	221.68
#1	.27072	-.00090	.10991	.01367	.00001	24.686	-.00023
#2	.27273	-.00128	.11259	.01364	.00003	24.785	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00047	.00044	-.00089	.26247	1.3008	2.2101	.03787
SDev	.00000	.00001	.00010	.00622	.0063	.0026	.00023
%RSD	.14052	3.0875	10.746	2.3677	.48344	.11768	.60325
#1	.00047	.00045	-.00096	.26687	1.2964	2.2083	.03771
#2	.00047	.00043	-.00082	.25808	1.3052	2.2120	.03803
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00084	1.5996	.00328	.00087	-.00114	-.00047	-.00264
SDev	.00047	.0778	.00013	.00012	.00102	.00064	.00063
%RSD	55.350	4.8613	4.0732	14.334	89.046	134.80	23.782
#1	.00051	1.5446	.00318	.00096	-.00186	-.00092	-.00309
#2	.00117	1.6546	.00337	.00078	-.00042	-.00002	-.00220
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00049	.00119	-.00456	.00570	.00235	.00092	.02540
SDev	.00056	.00229	.00020	.00021	.00258	.00026	.00022
%RSD	113.58	192.66	4.4481	3.7595	109.70	28.721	.88075
#1	-.00088	-.00043	-.00442	.00555	.00053	.00073	.02524
#2	-.00010	.00281	-.00470	.00585	.00418	.00111	.02556
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00094	-.00018
SDev	.00039	.00013
%RSD	41.789	72.630
#1	.00122	-.00009
#2	.00066	-.00027

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2875	--	--	--	--	--	--
SDev	2.651650	--	--	--	--	--	--
%RSD	.0922321	--	--	--	--	--	--
#1	2877	--	--	--	--	--	--
#2	2873	--	--	--	--	--	--

Analysis Report 03/28/06 05:12:59 PM page 1

Method: TRACE2 Sample Name: AD613909 Operator: SW
Run Time: 03/28/06 17:08:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5230	-.00008	.01990	.01481	.00011	17.079	-.00007
SDev	.0029	.00093	.00006	.00004	.00001	.013	.00010
%RSD	.11661	1103.9	.30419	.29366	11.680	.07623	139.65
#1	2.5251	-.00074	.01994	.01484	.00011	17.089	-.00000
#2	2.5209	.00057	.01986	.01478	.00010	17.070	-.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00088	.00222	.00080	1.7063	1.8047	2.0902	.84482
SDev	.00044	.00007	.00017	.0097	.0183	.0063	.00149
%RSD	50.031	2.9791	21.520	.56581	1.0153	.30204	.17689
#1	.00057	.00217	.00092	1.6995	1.8177	2.0857	.84376
#2	.00119	.00226	.00068	1.7132	1.7917	2.0946	.84588
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00146	3.5388	.00745	.00376	-.00063	.00083	-.00298
SDev	.00031	.0101	.00088	.00126	.00156	.00146	.00402
%RSD	21.279	.28424	11.874	33.423	248.29	174.91	135.06
#1	.00168	3.5317	.00682	.00465	.00047	.00187	-.00013
#2	.00124	3.5459	.00807	.00288	-.00173	-.00020	-.00583
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00215	-.00184	-.00355	.06605	-.00280	.00481	.03151
SDev	.00047	.00655	.00276	.00101	.00332	.00025	.00008
%RSD	21.976	356.91	77.740	1.5354	118.46	5.2855	.25424
#1	.00249	.00280	-.00160	.06676	-.00515	.00463	.03157
#2	.00182	-.00647	-.00550	.06533	-.00045	.00499	.03146
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00083	.00039
SDev	.00052	.00012
%RSD	62.464	29.961
#1	.00120	.00030
#2	.00046	.00047
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2828	--	--	--	--	--	--
SDev	7.106458	--	--	--	--	--	--
%RSD	.2512936	--	--	--	--	--	--
#1	2823	--	--	--	--	--	--
#2	2833	--	--	--	--	--	--

Analysis Report 03/28/06 05:17:49 PM page 1

Method: TRACE2 Sample Name: AD613909/L (1:5) Operator: SW
Run Time: 03/28/06 17:13:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0279	.00783	.01048	.00611	-.00051	7.8532	.00060
SDev	1.4810	.01367	.01762	.00873	.00075	11.110	.00100
%RSD	144.08	174.52	168.12	142.99	147.25	141.47	168.17
#1	2.0752	.01750	.02294	.01228	.00002	15.709	.00131
#2	-.01929	-.00183	-.00198	-.00007	-.00104	-.00291	-.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00243	.00250	-.00038	.81442	.81261	.92829	.39452
SDev	.00373	.00327	.00666	1.1388	1.1515	1.3086	.55795
%RSD	153.77	130.92	1768.1	139.83	141.70	140.97	141.42
#1	.00507	.00481	.00433	1.6197	1.6268	1.8536	.78905
#2	-.00021	.00019	L-.00508	.00916	-.00159	.00296	-.00000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00035	1.7125	.00448	-.01680	.01208	.00246	-.00032
SDev	.00088	2.2435	.00687	.02698	.01368	.00014	.00000
%RSD	250.63	131.01	153.13	160.54	113.31	5.8616	.20345
#1	.00098	3.2989	.00934	-.03588	.02175	.00256	-.00032
#2	-.00027	.12609	-.00037	.00227	.00240	.00236	-.00032
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00606	-.03584	.01744	.02439	.00444	.00257	.01768
SDev	.00995	.04681	.02341	.03403	.00577	.00460	.02592
%RSD	164.27	130.61	134.19	139.53	129.95	178.94	146.59
#1	.01310	-.06894	.03400	.04845	.00851	.00582	.03601
#2	-.00098	-.00274	.00089	.00033	.00036	-.00068	-.00065
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00008	.00030
SDev	.00001	.00109
%RSD	11.487	357.88
#1	.00008	.00108
#2	.00007	-.00047
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3406	--	--	--	--	--	--
SDev	696.6948	--	--	--	--	--	--
%RSD	20.45350	--	--	--	--	--	--
#1	2914	--	--	--	--	--	--
#2	3899	--	--	--	--	--	--

Analysis Report 03/28/06 05:22:39 PM page 1

Method: TRACE2 Sample Name: AD613909/PS Operator: SW
Run Time: 03/28/06 17:17:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.346	.20444	.21444	.22372	.20394	26.876	.20139
SDev	.015	.00047	.00019	.00098	.00024	.064	.00008
%RSD	.12297	.23158	.08652	.43666	.11703	.23893	.03786
#1	12.336	.20478	.21457	.22303	.20377	26.830	.20134
#2	12.357	.20411	.21431	.22442	.20411	26.921	.20144
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20026	.20405	.21481	11.864	11.888	12.125	1.0207
SDev	.00041	.00031	.00019	.003	.004	.003	.0000
%RSD	.20407	.15352	.08770	.02828	.03581	.02737	.00121
#1	.20055	.20383	.21467	11.866	11.891	12.123	1.0207
#2	.19997	.20427	.21494	11.861	11.885	12.127	1.0207
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20433	13.445	.21103	.20155	.20514	.20394	.20237
SDev	.00021	.199	.00038	.00129	.00441	.00251	.00085
%RSD	.10510	1.4821	.17850	.63987	2.1477	1.2303	.42169
#1	.20448	13.304	.21077	.20246	.20202	.20217	.20298
#2	.20418	13.586	.21130	.20064	.20825	.20572	.20177
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20322	.20333	.20190	.27125	.20375	.20957	.23010
SDev	.00206	.00873	.00308	.00032	.00034	.00039	.00003
%RSD	1.0152	4.2925	1.5275	.11805	.16823	.18655	.01097
#1	.20467	.20951	.19971	.27102	.20400	.20985	.23011
#2	.20176	.19716	.20408	.27147	.20351	.20930	.23008
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20764	.05097
SDev	.00144	.00028
%RSD	.69409	.53859
#1	.20663	.05116
#2	.20866	.05078
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2854	--	--	--	--	--	--
SDev	5.303301	--	--	--	--	--	--
%RSD	.1858313	--	--	--	--	--	--
#1	2850	--	--	--	--	--	--
#2	2858	--	--	--	--	--	--

Analysis Report 03/28/06 05:27:29 PM page 1

Method: TRACE2 Sample Name: AD613910/MS Operator: SW
Run Time: 03/28/06 17:22:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.722	.20939	.21676	.23506	.20634	27.592	.20317
SDev	.157	.00258	.00165	.00352	.00233	.342	.00198
%RSD	1.2365	1.2332	.76086	1.4971	1.1277	1.2392	.97474
#1	12.834	.21121	.21792	.23755	.20799	27.834	.20457
#2	12.611	.20756	.21559	.23257	.20470	27.350	.20177
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20456	.20486	.21003	11.865	11.968	12.165	1.1704
SDev	.00254	.00276	.00237	.114	.130	.147	.0129
%RSD	1.2403	1.3467	1.1284	.96441	1.0856	1.2082	1.1018
#1	.20636	.20681	.21171	11.946	12.060	12.269	1.1795
#2	.20277	.20290	.20836	11.784	11.876	12.061	1.1613
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20464	13.591	.21301	.20507	.21057	.20874	.20434
SDev	.00167	.171	.00355	.00012	.00088	.00063	.00087
%RSD	.81656	1.2600	1.6676	.05871	.41975	.30164	.42582
#1	.20582	13.712	.21552	.20515	.21119	.20918	.20495
#2	.20346	13.470	.21050	.20498	.20994	.20829	.20372
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20867	.20092	.20605	.27662	.20384	.21072	.24353
SDev	.00170	.00772	.00517	.00359	.00319	.00207	.00320
%RSD	.81683	3.8418	2.5064	1.2987	1.5635	.98265	1.3133
#1	.20987	.19546	.20971	.27917	.20159	.21219	.24579
#2	.20746	.20637	.20240	.27408	.20610	.20926	.24127
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20888	.05202
SDev	.00225	.00044
%RSD	1.0769	.85019
#1	.21047	.05233
#2	.20729	.05171
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2848	--	--	--	--	--	--
SDev	24.34219	--	--	--	--	--	--
%RSD	.8547978	--	--	--	--	--	--
#1	2830	--	--	--	--	--	--
#2	2865	--	--	--	--	--	--

Analysis Report 03/28/06 05:32:19 PM page 1

Method: TRACE2 Sample Name: AD613911/SD Operator: SW
Run Time: 03/28/06 17:27:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.610	.20596	.21447	.22786	.20424	27.036	.20059
SDev	.011	.00256	.00060	.00129	.00006	.035	.00004
%RSD	.08652	1.2409	.28101	.56590	.02793	.13046	.01845
#1	12.618	.20777	.21489	.22877	.20428	27.061	.20062
#2	12.603	.20415	.21404	.22695	.20420	27.011	.20056
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20355	.20430	.20743	11.815	11.932	12.040	1.1867
SDev	.00033	.00058	.00021	.007	.022	.003	.0023
%RSD	.16390	.28468	.10132	.06032	.18801	.02669	.18980
#1	.20331	.20389	.20758	11.810	11.948	12.038	1.1851
#2	.20379	.20471	.20728	11.820	11.916	12.042	1.1883
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20306	13.489	.20991	.20316	.20863	.20681	.20491
SDev	.00076	.162	.00078	.00019	.00127	.00091	.00120
%RSD	.37183	1.2013	.37213	.09305	.60887	.44014	.58512
#1	.20252	13.604	.21047	.20303	.20774	.20617	.20407
#2	.20359	13.375	.20936	.20329	.20953	.20745	.20576
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20391	.20521	.20477	.27088	.20144	.20943	.24069
SDev	.00047	.00230	.00065	.00030	.00092	.00003	.00047
%RSD	.23087	1.1181	.31803	.10943	.45728	.01323	.19625
#1	.20358	.20359	.20431	.27067	.20210	.20945	.24036
#2	.20424	.20684	.20523	.27109	.20079	.20941	.24103
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20098	.05078
SDev	.00079	.00030
%RSD	.39345	.59309
#1	.20154	.05100
#2	.20042	.05057
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2841	--	--	--	--	--	--
SDev	3.977476	--	--	--	--	--	--
%RSD	.1399823	--	--	--	--	--	--
#1	2839	--	--	--	--	--	--
#2	2844	--	--	--	--	--	--

Analysis Report 03/28/06 05:37:09 PM page 1

Method: TRACE2 Sample Name: AD613912 Operator: SW
Run Time: 03/28/06 17:32:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.5818	-.00058	.15310	.02107	.00014	38.396	-.00008
SDev	.0176	.00050	.00067	.00030	.00002	.505	.00002
%RSD	1.1154	86.399	.43573	1.4412	15.926	1.3140	27.668
#1	1.5693	-.00023	.15263	.02086	.00012	38.040	-.00007
#2	1.5943	-.00094	.15357	.02129	.00015	38.753	-.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00070	.00169	.00210	.87728	6.5915	3.8995	.03508
SDev	.00003	.00011	.00027	.01212	.0578	.0467	.00038
%RSD	4.6533	6.1864	12.881	1.3810	.87679	1.1988	1.0689
#1	.00068	.00162	.00229	.86871	6.5507	3.8664	.03481
#2	.00072	.00177	.00191	.88585	6.6324	3.9325	.03534
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00312	2.7855	.00321	.00140	-.00195	-.00083	-.00039
SDev	.00005	.1391	.00036	.00202	.00005	.00064	.00099
%RSD	1.6327	4.9928	11.254	144.45	2.3434	77.001	254.90
#1	.00308	2.8839	.00346	-.00003	-.00191	-.00129	-.00109
#2	.00315	2.6872	.00295	.00282	-.00198	-.00038	.00031
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	.00194	-.00155	.03399	-.00009	.00295	.03742
SDev	.00221	.00229	.00263	.00195	.00202	.00023	.00028
%RSD	19512.	117.84	169.28	5.7288	2235.2	7.9298	.75340
#1	-.00158	.00356	-.00341	.03262	-.00152	.00312	.03723
#2	.00155	.00032	.00031	.03537	.00133	.00279	.03762
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00046	.00029
SDev	.00116	.00032
%RSD	255.17	107.37
#1	.00128	.00007
#2	-.00037	.00052
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2819	--	--	--	--	--	--
SDev	28.42566	--	--	--	--	--	--
%RSD	1.008431	--	--	--	--	--	--
#1	2839	--	--	--	--	--	--
#2	2799	--	--	--	--	--	--

Analysis Report QC Standard 03/28/06 05:43:19 PM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 03/28/06 17:38:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.617	.50222	.49056	.51632	.51053	26.012	.49756
SDev	.033	.00332	.00029	.00280	.00060	.063	.00043
%RSD	.12931	.66125	.05986	.54270	.11695	.24396	.08610
#1	25.593	.49987	.49035	.51434	.51011	25.967	.49726
#2	25.640	.50457	.49076	.51831	.51095	26.056	.49786
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50045	.50440	.53319	25.276	25.321	25.393	.51083
SDev	.00016	.00053	.00187	.018	.008	.013	.00028
%RSD	.03224	.10588	.35086	.07266	.03162	.05034	.05419
#1	.50033	.50478	.53187	25.289	25.326	25.384	.51102
#2	.50056	.50403	.53451	25.263	25.315	25.402	.51063
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50610	25.511	.50988	.49583	.51673	.50977	.50862
SDev	.00117	.077	.00171	.00211	.00081	.00124	.00113
%RSD	.23101	.30182	.33622	.42490	.15739	.24403	.22199
#1	.50527	25.565	.50867	.49434	.51615	.50889	.50942
#2	.50693	25.456	.51109	.49732	.51730	.51065	.50782
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51129	.50898	.50844	.52507	.50962	.51178	.50300
SDev	.00651	.00873	.00267	.00128	.00016	.00021	.00037
%RSD	1.2743	1.7162	.52593	.24447	.03101	.04184	.07278
#1	.51589	.51516	.50655	.52416	.50973	.51163	.50275
#2	.50668	.50281	.51033	.52598	.50951	.51194	.50326
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.52617	.50634
SDev	.00224	.00062
%RSD	.42540	.12201
#1	.52775	.50590
#2	.52458	.50678
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2810	--	--	--	--	--	--
SDev	4.242641	--	--	--	--	--	--
%RSD	.1509944	--	--	--	--	--	--
#1	2807	--	--	--	--	--	--
#2	2813	--	--	--	--	--	--

Analysis Report Blank Sample 03/28/06 05:48:09 PM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 03/28/06 17:43:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04289	-.00024	.00120	.00013	.00018	.04289	.00004
SDev	.00118	.00152	.00026	.00004	.00000	.00064	.00011
%RSD	2.7412	648.04	21.637	31.117	1.0306	1.4993	278.36
#1	.04372	-.00131	.00138	.00016	.00018	.04335	-.00004
#2	.04206	.00084	.00101	.00010	.00018	.04244	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00029	.00003	-.00109	.01812	.00954	.04551	.00017
SDev	.00018	.00026	.00001	.00409	.00907	.00203	.00002
%RSD	62.063	747.44	.98568	22.541	95.083	4.4710	11.585
#1	.00016	-.00015	-.00109	.02101	.01595	.04695	.00016
#2	.00042	.00022	-.00108	.01523	.00313	.04407	.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00102	.18795	.00048	.00153	-.00094	-.00012	-.00060
SDev	.00011	.18242	.00029	.00213	.00038	.00096	.00050
%RSD	10.681	97.060	61.196	138.94	39.828	804.13	83.536
#1	.00110	.05896	.00068	.00303	-.00068	.00056	-.00025
#2	.00094	.31694	.00027	.00003	-.00121	-.00080	-.00096
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00276	-.00346	.00082	.00041	.00029	.00007	.00008
SDev	.00076	.00269	.00059	.00002	.00013	.00009	.00020
%RSD	27.711	77.839	71.573	5.1736	44.144	127.36	271.24
#1	.00330	-.00155	.00041	.00040	.00038	.00001	-.00007
#2	.00222	-.00536	.00124	.00043	.00020	.00014	.00022
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00326	.00027
SDev	.00017	.00025
%RSD	5.3790	92.663
#1	.00313	.00044
#2	.00338	.00009
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2820	--	--	--	--	--	--
SDev	4.825969	--	--	--	--	--	--
%RSD	.1711223	--	--	--	--	--	--
#1	2824	--	--	--	--	--	--
#2	2817	--	--	--	--	--	--

Analysis Report 03/28/06 05:52:59 PM page 1

Method: TRACE2 Sample Name: AD613913 Operator: SW
Run Time: 03/28/06 17:48:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13077	-.00012	.03845	.02776	.00008	39.799	.00003
SDev	.00219	.00082	.00036	.00009	.00002	.023	.00008
%RSD	1.6787	666.37	.94422	.31874	19.688	.05667	293.17
#1	.12922	-.00070	.03820	.02782	.00007	39.783	.00008
#2	.13232	.00046	.03871	.02770	.00009	39.815	-.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00029	.00052	.00385	.18102	2.1407	9.0995	.00482
SDev	.00026	.00006	.00013	.00020	.0194	.0089	.00014
%RSD	91.472	10.597	3.3901	.10876	.90717	.09799	2.8160
#1	-.00010	.00056	.00375	.18116	2.1545	9.0931	.00472
#2	-.00047	.00048	.00394	.18088	2.1270	9.1058	.00492
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02096	53.350	.01711	.00352	.00001	.00118	-.00236
SDev	.00017	.035	.00045	.00073	.00108	.00047	.00176
%RSD	.82664	.06475	2.6447	20.835	18913.	40.243	74.643
#1	.02084	53.326	.01679	.00300	.00077	.00151	-.00360
#2	.02108	53.375	.01743	.00404	-.00076	.00084	-.00111
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00120	-.00560	-.00074	.00253	-.00079	.00033	.01076
SDev	.00002	.00054	.00237	.00013	.00103	.00009	.00016
%RSD	1.6862	9.5836	320.62	4.9452	131.12	26.329	1.5263
#1	-.00119	-.00598	-.00242	.00244	-.00006	.00039	.01088
#2	-.00122	-.00522	.00094	.00262	-.00152	.00027	.01064
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00173	.00036
SDev	.00001	.00025
%RSD	.68600	68.659
#1	.00172	.00054
#2	.00174	.00019
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2818	--	--	--	--	--	--
SDev	9.864105	--	--	--	--	--	--
%RSD	.3499864	--	--	--	--	--	--
#1	2825	--	--	--	--	--	--
#2	2811	--	--	--	--	--	--

Analysis Report 03/28/06 05:57:49 PM page 1

Method: TRACE2 Sample Name: AD613881/PB Operator: SW
Run Time: 03/28/06 17:53:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01175	-.00084	.00257	.00004	.00001	.02762	-.00004
SDev	.00231	.00051	.00023	.00001	.00000	.00163	.00008
%RSD	19.625	60.244	8.9246	16.138	18.464	5.9074	204.30
#1	.01338	-.00120	.00241	.00004	.00001	.02877	.00002
#2	.01012	-.00048	.00273	.00004	.00000	.02646	-.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00040	-.00020	-.00079	-.00161	.00570	.00776	.00010
SDev	.00014	.00021	.00011	.00900	.00751	.00349	.00000
%RSD	35.649	108.44	13.757	558.48	131.74	44.952	.65149
#1	-.00030	-.00005	-.00071	.00475	.01102	.00529	.00010
#2	-.00050	-.00035	-.00087	-.00797	.00039	.01022	.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00045	.06217	-.00018	.00555	-.00274	.00002	-.00241
SDev	.00120	.02628	.00008	.00089	.00039	.00004	.00070
%RSD	268.28	42.270	45.444	16.116	14.287	200.09	28.889
#1	.00129	.04359	-.00012	.00492	-.00247	-.00001	-.00192
#2	-.00040	.08076	-.00023	.00618	-.00302	.00004	-.00291
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00158	.00570	-.00647	.00025	-.00277	-.00012	.00086
SDev	.00036	.00889	.00549	.00008	.00002	.00000	.00030
%RSD	22.791	156.00	84.878	31.179	.63658	1.1478	34.899
#1	-.00133	-.00059	-.00259	.00020	-.00278	-.00012	.00065
#2	-.00184	.01198	-.01035	.00031	-.00275	-.00012	.00107
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00247	.00041
SDev	.00101	.00031
%RSD	40.897	76.742
#1	.00319	.00019
#2	.00176	.00063
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2832	--	--	--	--	--	--
SDev	7.689786	--	--	--	--	--	--
%RSD	.2715500	--	--	--	--	--	--
#1	2826	--	--	--	--	--	--
#2	2837	--	--	--	--	--	--

Analysis Report 03/28/06 06:02:38 PM page 1

Method: TRACE2 Sample Name: AD613880/FB Operator: SW
Run Time: 03/28/06 17:57:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9552	.20262	.19578	.21288	.20007	9.8710	.19768
SDev	.0330	.00102	.00024	.00109	.00034	.0297	.00002
%RSD	.33197	.50258	.12508	.51182	.17076	.30106	.01125
#1	9.9318	.20190	.19595	.21211	.19983	9.8500	.19769
#2	9.9785	.20334	.19560	.21365	.20031	9.8920	.19766
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19802	.19757	.20192	9.8661	9.8279	9.8228	.19587
SDev	.00026	.00013	.00033	.0153	.0245	.0176	.00009
%RSD	.13361	.06768	.16146	.15502	.24976	.17914	.04614
#1	.19783	.19748	.20169	9.8553	9.8106	9.8104	.19580
#2	.19821	.19767	.20215	9.8769	9.8453	9.8353	.19593
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19845	10.553	.20147	.20074	.20760	.20531	.20011
SDev	.00031	.003	.00028	.00216	.00261	.00102	.00046
%RSD	.15683	.03014	.14022	1.0768	1.2556	.49620	.23169
#1	.19823	10.550	.20127	.19921	.20944	.20604	.19978
#2	.19867	10.555	.20167	.20226	.20576	.20459	.20044
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.23000	11.500	.23000			.23000	.23000
Low	.17000	8.5000	.17000			.17000	.17000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20276	.19659	.20188	.20196	.19678	.20028	.20462
SDev	.00042	.00433	.00286	.00069	.00291	.00015	.00023
%RSD	.20856	2.2010	1.4162	.34425	1.4801	.07587	.11261
#1	.20246	.19965	.19985	.20147	.19472	.20017	.20445
#2	.20306	.19353	.20390	.20245	.19884	.20039	.20478
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000			.23000	.23000	.23000	.23000
Low	.17000			.17000	.17000	.17000	.17000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20124	.05123
SDev	.00104	.00002
%RSD	.51533	.03909
#1	.20197	.05124
#2	.20050	.05121
Errors	LC Pass	LC Pass
High	.23000	.05750
Low	.17000	.04250

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2849	--	--	--	--	--	--
SDev	6.629126	--	--	--	--	--	--
%RSD	.2326775	--	--	--	--	--	--
#1	2844	--	--	--	--	--	--
#2	2854	--	--	--	--	--	--

Analysis Report 03/28/06 06:07:28 PM page 1

Method: TRACE2 Sample Name: AD613862 Operator: SW
Run Time: 03/28/06 18:02:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01373	.02753	.03713	.42459	.00018	101.38	-.00025
SDev	.00060	.00017	.00111	.00254	.00001	.16	.00007
%RSD	4.4093	.60349	2.9913	.59872	2.6613	.15763	28.943
#1	.01416	.02742	.03635	.42639	.00018	101.49	-.00020
#2	.01330	.02765	.03792	.42280	.00017	101.26	-.00030
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00032	.00013	-.00104	2.7933	1.4716	45.771	.03510
SDev	.00007	.00017	.00024	.0002	.0259	.015	.00005
%RSD	22.571	138.31	23.618	.00880	1.7632	.03283	.14922
#1	.00038	.00000	-.00121	2.7931	1.4900	45.782	.03506
#2	.00027	.00025	-.00086	2.7935	1.4533	45.761	.03513
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01498	11.797	.00080	-.00020	-.00065	-.00050	-.00163
SDev	.00073	.011	.00058	.00036	.00217	.00133	.00469
%RSD	4.8756	.09643	72.092	182.52	336.18	268.13	286.85
#1	.01446	11.789	.00121	-.00045	.00089	.00044	.00168
#2	.01550	11.805	.00039	.00006	-.00218	-.00144	-.00495
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00130	-.00075	-.00207	.00019	.00138	-.00042	.00109
SDev	.00104	.00904	.00251	.00016	.00136	.00018	.00041
%RSD	80.160	1197.0	121.12	86.788	99.273	42.822	37.765
#1	.00204	.00563	-.00030	.00031	.00234	-.00055	.00080
#2	.00056	-.00714	-.00385	.00007	.00041	-.00029	.00138
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00152	.00027
SDev	.00037	.00062
%RSD	24.650	230.70
#1	.00178	.00071
#2	.00125	-.00017
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2792	--	--	--	--	--	--
SDev	.5835012	--	--	--	--	--	--
%RSD	.0208969	--	--	--	--	--	--
#1	2792	--	--	--	--	--	--
#2	2793	--	--	--	--	--	--

Analysis Report 03/28/06 06:12:18 PM page 1

Method: TRACE2 Sample Name: AD613863 Operator: SW
Run Time: 03/28/06 18:07:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01223	-.00117	.09245	.06014	.00014	104.93	-.00004
SDev	.00014	.00174	.00018	.00054	.00000	.00	.00005
%RSD	1.1199	148.36	.19876	.89367	2.3760	.00331	127.33
#1	.01233	-.00240	.09258	.06052	.00014	104.93	-.00008
#2	.01213	.00006	.09232	.05976	.00013	104.93	-.00000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00008	.00001	-.00024	.01241	2.6238	50.615	.00056
SDev	.00048	.00016	.00025	.00083	.0124	.053	.00004
%RSD	574.08	2352.1	102.71	6.6971	.47437	.10383	7.1624
#1	-.00042	-.00011	-.00042	.01300	2.6326	50.577	.00053
#2	.00026	.00012	-.00007	.01182	2.6150	50.652	.00059
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00272	13.813	.00018	.00213	-.00018	.00059	.00083
SDev	.00061	.122	.00075	.00241	.00303	.00122	.00176
%RSD	22.251	.88140	426.11	113.09	1653.4	207.81	212.78
#1	.00315	13.727	-.00036	.00384	-.00233	-.00028	-.00042
#2	.00230	13.899	.00071	.00043	.00196	.00145	.00207
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00049	.00267	-.00010	.00013	.00074	-.00024	.00227
SDev	.00065	.00161	.00183	.00002	.00287	.00036	.00041
%RSD	134.29	60.055	1894.9	16.346	389.04	149.37	18.203
#1	.00095	.00154	-.00139	.00015	-.00129	-.00050	.00198
#2	.00002	.00381	.00120	.00012	.00277	.00001	.00256
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00047	.00045
SDev	.00007	.00040
%RSD	13.991	90.085
#1	-.00043	.00073
#2	-.00052	.00016
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2792	--	--	--	--	--	--
SDev	.6363270	--	--	--	--	--	--
%RSD	.0227878	--	--	--	--	--	--
#1	2793	--	--	--	--	--	--
#2	2792	--	--	--	--	--	--

Analysis Report 03/28/06 06:17:08 PM page 1

Method: TRACE2 Sample Name: AD613864 Operator: SW
Run Time: 03/28/06 18:12:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01662	.00012	.08876	.49333	.00011	76.822	-.00023
SDev	.00377	.00118	.00022	.00199	.00001	.135	.00016
%RSD	22.664	968.06	.24665	.40271	13.419	.17598	69.077
#1	.01928	-.00071	.08892	.49192	.00012	76.726	-.00034
#2	.01396	.00096	.08861	.49473	.00010	76.918	-.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	.00042	-.00071	.30494	1.9246	42.509	.26063
SDev	.00019	.00027	.00035	.00273	.0102	.001	.00016
%RSD	1029.9	65.036	49.631	.89514	.52851	.00298	.05987
#1	-.00015	.00023	-.00096	.30301	1.9318	42.508	.26052
#2	.00011	.00061	-.00046	.30687	1.9174	42.510	.26074
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02401	15.416	.00077	.00151	-.00182	-.00071	-.00227
SDev	.00058	.193	.00020	.00153	.00041	.00023	.00128
%RSD	2.4345	1.2516	25.898	100.78	22.723	32.956	56.287
#1	.02359	15.280	.00092	.00044	-.00152	-.00087	-.00137
#2	.02442	15.552	.00063	.00259	-.00211	-.00054	-.00318
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00183	.00261	-.00472	.00040	-.00145	-.00049	.00204
SDev	.00128	.00018	.00183	.00022	.00009	.00036	.00010
%RSD	69.899	6.9851	38.770	55.604	6.0135	72.722	4.7540
#1	-.00093	.00274	-.00342	.00024	-.00139	-.00024	.00197
#2	-.00273	.00248	-.00601	.00056	-.00152	-.00075	.00211
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00042	.00003
SDev	.00008	.00032
%RSD	18.658	947.76
#1	.00047	.00026
#2	.00036	-.00019
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2808	--	--	--	--	--	--
SDev	5.356299	--	--	--	--	--	--
%RSD	.1907845	--	--	--	--	--	--
#1	2804	--	--	--	--	--	--
#2	2811	--	--	--	--	--	--

Analysis Report 03/28/06 06:21:58 PM page 1

Method: TRACE2 Sample Name: AD613865 Operator: SW
Run Time: 03/28/06 18:17:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25410	.00498	.12443	.16600	.00015	89.012	-.00017
SDev	.00471	.00092	.00057	.00079	.00000	.275	.00011
%RSD	1.8519	18.465	.45911	.47666	1.0765	.30861	68.533
#1	.25077	.00563	.12402	.16544	.00015	88.818	-.00025
#2	.25742	.00433	.12483	.16656	.00015	89.206	-.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00004	.00020	-.00141	7.6348	1.3763	20.621	.41823
SDev	.00067	.00010	.00010	.0059	.0099	.033	.00004
%RSD	1731.0	51.810	7.4531	.07686	.71626	.16002	.01024
#1	-.00051	.00027	-.00148	7.6306	1.3833	20.598	.41820
#2	.00043	.00013	-.00133	7.6389	1.3694	20.645	.41826
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00062	78.575	.00084	.00326	-.00321	-.00105	-.00039
SDev	.00022	.522	.00010	.00113	.00098	.00028	.00116
%RSD	36.045	.66440	12.381	34.636	30.610	26.459	300.16
#1	.00046	78.205	.00091	.00406	-.00390	-.00125	-.00121
#2	.00077	78.944	.00077	.00246	-.00251	-.00086	.00044
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00063	.00091	-.00104	.01284	-.00165	-.00015	.00293
SDev	.00058	.00438	.00394	.00131	.00310	.00000	.00021
%RSD	91.819	480.71	379.48	10.186	187.44	1.3065	7.3467
#1	.00103	.00401	-.00382	.01192	.00054	-.00015	.00308
#2	.00022	-.00219	.00175	.01377	-.00385	-.00015	.00278
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00090	.00028
SDev	.00092	.00003
%RSD	101.56	11.940
#1	.00155	.00030
#2	.00025	.00026
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2793	--	--	--	--	--	--
SDev	8.485281	--	--	--	--	--	--
%RSD	.3037726	--	--	--	--	--	--
#1	2787	--	--	--	--	--	--
#2	2799	--	--	--	--	--	--

Analysis Report 03/28/06 06:26:49 PM page 1

Method: TRACE2 Sample Name: AD613866 Operator: SW
Run Time: 03/28/06 18:22:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19272	.02674	.38421	.10959	.00012	54.390	-.00017
SDev	.00031	.00054	.00008	.00034	.00000	.026	.00011
%RSD	.15972	2.0298	.02044	.30677	2.2284	.04704	66.487
#1	.19250	.02636	.38427	.10983	.00012	54.371	-.00025
#2	.19294	.02712	.38416	.10935	.00012	54.408	-.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00004	-.00001	-.00148	.62754	1.1047	27.100	.05590
SDev	.00015	.00010	.00002	.00041	.0112	.017	.00001
%RSD	383.94	945.16	1.2810	.06556	1.0111	.06407	.01370
#1	-.00007	-.00008	-.00147	.62783	1.1126	27.088	.05590
#2	.00014	.00006	-.00149	.62725	1.0968	27.113	.05589
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00119	144.07	.00198	.00090	-.00078	-.00022	.00001
SDev	.00047	.55	.00043	.00197	.00074	.00115	.00304
%RSD	39.159	.38139	21.915	219.41	94.661	522.01	38848.
#1	.00086	143.68	.00167	.00230	-.00026	.00059	-.00214
#2	.00152	144.45	.00228	-.00050	-.00130	-.00103	.00216
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00243	.00024	-.00011	.00563	.00019	-.00013	.00213
SDev	.00060	.00544	.00184	.00010	.00056	.00000	.00021
%RSD	24.458	2302.5	1727.4	1.7050	300.15	.75225	9.8380
#1	.00201	-.00361	-.00141	.00570	.00058	-.00013	.00198
#2	.00285	.00408	.00119	.00556	-.00021	-.00013	.00228
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00232	.00008
SDev	.00002	.00075
%RSD	.91339	921.31
#1	.00233	-.00045
#2	.00230	.00061
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2812	--	--	--	--	--	--
SDev	5.568466	--	--	--	--	--	--
%RSD	.1980453	--	--	--	--	--	--
#1	2816	--	--	--	--	--	--
#2	2808	--	--	--	--	--	--

Analysis Report 03/28/06 06:31:39 PM page 1

Method: TRACE2 Sample Name: AD613867 Operator: SW
Run Time: 03/28/06 18:26:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08645	.00084	.02442	.27289	.00018	132.33	-.00021
SDev	.00376	.00135	.00202	.00612	.00010	4.01	.00027
%RSD	4.3536	160.69	8.2893	2.2439	56.370	3.0340	132.02
#1	.08379	-.00011	.02299	.26856	.00011	129.49	-.00040
#2	.08912	.00179	.02585	.27722	.00025	135.17	-.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00065	.00025	-.00078	35.279	1.7929	27.618	.71541
SDev	.00037	.00022	.00062	1.176	.0236	.853	.02277
%RSD	56.076	85.941	79.402	3.3324	1.3179	3.0881	3.1822
#1	.00039	.00010	-.00122	34.448	1.7762	27.015	.69931
#2	.00091	.00040	-.00034	36.110	1.8096	28.221	.73151
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00087	35.670	.00100	-.00019	-.00103	-.00075	.00014
SDev	.00030	.989	.00036	.00023	.00053	.00043	.00052
%RSD	34.259	2.7719	36.324	121.21	51.179	57.131	369.34
#1	.00066	34.971	.00074	-.00036	-.00140	-.00105	-.00022
#2	.00108	36.369	.00126	-.00003	-.00066	-.00045	.00050
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00012	-.00068	.00055	.00252	.00311	.00044	.00195
SDev	.00076	.00031	.00093	.00017	.00025	.00039	.00033
%RSD	619.78	46.211	169.23	6.6850	8.0905	88.870	16.949
#1	.00041	-.00046	-.00011	.00240	.00294	.00016	.00219
#2	-.00066	-.00090	.00121	.00264	.00329	.00071	.00172
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00031	.00031
SDev	.00042	.00061
%RSD	136.25	193.87
#1	.00001	-.00012
#2	.00060	.00074
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2778	--	--	--	--	--	--
SDev	81.08750	--	--	--	--	--	--
%RSD	2.918641	--	--	--	--	--	--
#1	2836	--	--	--	--	--	--
#2	2721	--	--	--	--	--	--

Analysis Report 03/28/06 06:36:29 PM page 1

Method: TRACE2 Sample Name: AD613868 Operator: SW
Run Time: 03/28/06 18:31:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05448	-.00150	.00932	.07192	.00009	77.331	-.00034
SDev	.00017	.00145	.00092	.00018	.00001	.378	.00004
%RSD	.31410	96.776	9.9203	.24539	6.5376	.48876	12.560
#1	.05460	-.00047	.00866	.07180	.00010	77.064	-.00037
#2	.05435	-.00252	.00997	.07205	.00009	77.599	-.00031
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00042	-.00003	-.00113	6.5044	.32051	12.481	1.4568
SDev	.00015	.00006	.00032	.0179	.01013	.043	.0036
%RSD	35.408	222.13	27.966	.27563	3.1612	.34386	.24396
#1	-.00053	.00001	-.00091	6.4917	.32768	12.450	1.4543
#2	-.00032	-.00007	-.00136	6.5170	.31335	12.511	1.4594
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00065	5.1080	.00017	.00447	-.00340	-.00078	-.00056
SDev	.00049	.1742	.00023	.00007	.00011	.00010	.00258
%RSD	75.802	3.4095	132.25	1.6785	3.3654	13.053	462.75
#1	.00030	4.9849	.00001	.00453	-.00331	-.00070	-.00238
#2	.00099	5.2312	.00033	.00442	-.00348	-.00085	.00127
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	.00502	-.00335	.00210	-.00013	.00013	.00126
SDev	.00288	.00141	.00317	.00018	.00123	.00000	.00000
%RSD	842.49	28.035	94.553	8.5349	979.94	1.2628	.16374
#1	-.00169	.00403	-.00559	.00197	.00075	.00013	.00127
#2	.00238	.00602	-.00111	.00222	-.00100	.00013	.00126
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00194	.00045
SDev	.00141	.00003
%RSD	72.441	7.4114
#1	.00095	.00042
#2	.00294	.00047
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2810	--	--	--	--	--	--
SDev	5.091134	--	--	--	--	--	--
%RSD	.1812017	--	--	--	--	--	--
#1	2806	--	--	--	--	--	--
#2	2813	--	--	--	--	--	--

Analysis Report QC Standard 03/28/06 06:42:39 PM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 03/28/06 18:37:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.938	.50920	.49557	.53213	.51662	26.407	.50164
SDev	.044	.00267	.00064	.00251	.00085	.065	.00139
%RSD	.17075	.52492	.12906	.47188	.16395	.24516	.27698
#1	25.907	.50731	.49512	.53035	.51602	26.361	.50066
#2	25.969	.51109	.49602	.53390	.51722	26.453	.50262
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50249	.50631	.54181	25.301	25.433	25.586	.51152
SDev	.00031	.00005	.00184	.027	.002	.030	.00040
%RSD	.06151	.00953	.34020	.10618	.00755	.11567	.07795
#1	.50270	.50634	.54050	25.282	25.432	25.565	.51124
#2	.50227	.50627	.54311	25.320	25.434	25.607	.51180
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50806	25.945	.51679	.50091	.52584	.51754	.51630
SDev	.00255	.053	.00039	.00034	.00230	.00142	.00417
%RSD	.50190	.20301	.07543	.06808	.43761	.27462	.80837
#1	.50626	25.908	.51706	.50115	.52421	.51653	.51335
#2	.50986	25.982	.51651	.50067	.52746	.51854	.51926
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52150	.51453	.51720	.53565	.52026	.51706	.50716
SDev	.00402	.00734	.00259	.00136	.00497	.00086	.00133
%RSD	.77078	1.4268	.50076	.25389	.95595	.16686	.26261
#1	.51866	.50934	.51537	.53469	.51674	.51645	.50622
#2	.52435	.51972	.51903	.53662	.52377	.51767	.50810
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.52753	.51474
SDev	.00370	.00207
%RSD	.70218	.40227
#1	.52491	.51328
#2	.53015	.51621
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2764	--	--	--	--	--	--
SDev	8.060948	--	--	--	--	--	--
%RSD	.2916116	--	--	--	--	--	--
#1	2759	--	--	--	--	--	--
#2	2770	--	--	--	--	--	--

Analysis Report Blank Sample 03/28/06 06:47:29 PM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 03/28/06 18:42:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04475	-.00096	.00099	.00016	.00019	.03582	-.00024
SDev	.00184	.00294	.00176	.00005	.00002	.00033	.00007
%RSD	4.1159	307.69	177.65	29.925	9.4742	.92481	31.732
#1	.04605	-.00304	.00223	.00020	.00020	.03559	-.00029
#2	.04345	.00112	-.00025	.00013	.00017	.03606	-.00018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00032	-.00007	-.00198	.01287	.00301	.03697	.00026
SDev	.00047	.00051	.00044	.00496	.01496	.00369	.00002
%RSD	145.24	755.98	22.196	38.484	497.41	9.9742	8.0879
#1	.00001	-.00043	-.00229	.01638	.01359	.03436	.00027
#2	-.00066	.00030	-.00167	.00937	-.00757	.03958	.00024
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00073	.05790	-.00003	.00173	-.00160	-.00049	-.00108
SDev	.00030	.09699	.00008	.00251	.00113	.00008	.00149
%RSD	40.391	167.50	291.94	144.84	70.679	17.433	138.37
#1	.00094	.12648	.00003	.00351	-.00239	-.00043	-.00002
#2	.00052	-.01068	-.00008	-.00004	-.00080	-.00055	-.00213
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00114	-.00202	-.00061	.00048	.00005	-.00006	-.00014
SDev	.00471	.00119	.00283	.00012	.00311	.00044	.00010
%RSD	411.53	59.031	465.95	24.031	5709.5	775.59	69.949
#1	-.00219	-.00286	.00139	.00057	.00226	-.00037	-.00021
#2	.00447	-.00117	-.00261	.00040	-.00215	.00026	-.00007
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00197	.00061
SDev	.00015	.00036
%RSD	7.7390	59.966
#1	.00207	.00087
#2	.00186	.00035
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2827	--	--	--	--	--	--
SDev	8.166946	--	--	--	--	--	--
%RSD	.2888551	--	--	--	--	--	--
#1	2822	--	--	--	--	--	--
#2	2833	--	--	--	--	--	--

Analysis Report 03/28/06 06:52:19 PM page 1

Method: TRACE2 Sample Name: AD613869 Operator: SW
Run Time: 03/28/06 18:47:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03388	-.00109	.00987	.31639	.00014	53.994	-.00021
SDev	.00158	.00090	.00017	.00701	.00005	.973	.00020
%RSD	4.6584	82.460	1.6854	2.2165	35.049	1.8019	94.211
#1	.03499	-.00045	.00975	.32135	.00018	54.682	-.00035
#2	.03276	-.00172	.00998	.31143	.00011	53.306	-.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00734	.00062	-.00125	7.8880	1.1064	14.600	.10258
SDev	.00010	.00020	.00008	.1056	.0256	.255	.00151
%RSD	1.3014	32.104	6.7562	1.3383	2.3131	1.7484	1.4715
#1	.00728	.00076	-.00119	7.9626	1.1245	14.780	.10365
#2	.00741	.00048	-.00131	7.8133	1.0883	14.419	.10151
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00061	47.398	.02761	.00056	.00179	.00138	.00188
SDev	.00037	.693	.00029	.00108	.00327	.00182	.00314
%RSD	59.931	1.4613	1.0427	192.34	183.20	132.18	167.70
#1	-.00035	47.887	.02781	.00133	-.00053	.00009	-.00035
#2	-.00087	46.908	.02740	-.00020	.00410	.00267	.00410
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00185	.00273	.00145	.00064	-.00058	-.00047	.00588
SDev	.00157	.00024	.00484	.00001	.00093	.00027	.00009
%RSD	84.939	8.7065	334.03	.93808	162.09	58.009	1.5372
#1	-.00296	.00290	-.00197	.00064	.00008	-.00028	.00595
#2	-.00074	.00256	.00487	.00063	-.00124	-.00066	.00582
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00196	.00012
SDev	.00339	.00039
%RSD	173.45	315.69
#1	.00435	-.00015
#2	-.00044	.00040
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2782	--	--	--	--	--	--
SDev	38.71410	--	--	--	--	--	--
%RSD	1.391567	--	--	--	--	--	--
#1	2755	--	--	--	--	--	--
#2	2809	--	--	--	--	--	--

Analysis Report 03/28/06 06:57:09 PM page 1

Method: TRACE2 Sample Name: AD613869/L (1:5) Operator: SW
Run Time: 03/28/06 18:52:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01043	-.00023	.00188	.06329	.00010	10.614	-.00019
SDev	.00046	.00023	.00059	.00006	.00001	.019	.00001
%RSD	4.4450	100.34	31.490	.10338	9.0360	.17582	4.2700
#1	.01076	-.00039	.00146	.06334	.00009	10.601	-.00020
#2	.01010	-.00007	.00230	.06324	.00010	10.627	-.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00088	.00011	-.00136	1.5945	.20378	2.9263	.02062
SDev	.00015	.00007	.00076	.0042	.01602	.0009	.00001
%RSD	16.842	64.427	55.737	.26190	7.8594	.03117	.06918
#1	.00078	.00006	-.00189	1.5974	.21511	2.9256	.02061
#2	.00099	.00017	-.00082	1.5915	.19246	2.9269	.02063
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	9.6848	.00524	.00479	-.00098	.00094	-.00175
SDev	.00040	.0200	.00026	.00135	.00025	.00028	.00314
%RSD	475.93	.20700	4.9736	28.179	25.734	29.876	179.37
#1	.00036	9.6706	.00506	.00575	-.00116	.00114	.00047
#2	-.00020	9.6990	.00543	.00384	-.00080	.00074	-.00397
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00141	-.00103	-.00211	.00045	-.00546	-.00028	.00126
SDev	.00110	.00644	.00149	.00007	.00040	.00000	.00011
%RSD	78.202	624.21	70.659	14.539	7.3631	.22026	8.5756
#1	-.00219	.00352	-.00106	.00050	-.00574	-.00028	.00118
#2	-.00063	-.00559	-.00317	.00041	-.00517	-.00028	.00134
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00225	.00005
SDev	.00011	.00039
%RSD	4.8410	715.61
#1	.00217	.00033
#2	.00233	-.00022
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2783	--	--	--	--	--	--
SDev	7.265626	--	--	--	--	--	--
%RSD	.2611010	--	--	--	--	--	--
#1	2788	--	--	--	--	--	--
#2	2778	--	--	--	--	--	--

Analysis Report 03/28/06 07:02:00 PM page 1

Method: TRACE2 Sample Name: AD613869/PS Operator: SW
Run Time: 03/28/06 18:57:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9260	.21094	.20360	.52908	.20430	63.271	.19982
SDev	.0105	.00316	.00239	.00101	.00043	.247	.00025
%RSD	.10560	1.4964	1.1729	.19043	.21266	.39048	.12617
#1	9.9186	.20871	.20191	.52836	.20399	63.096	.19964
#2	9.9334	.21317	.20529	.52979	.20460	63.445	.20000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20360	.19994	.21411	17.747	11.511	24.393	.29592
SDev	.00117	.00066	.00113	.026	.008	.069	.00029
%RSD	.57201	.33133	.52709	.14768	.06858	.28379	.09731
#1	.20277	.19947	.21331	17.729	11.517	24.344	.29571
#2	.20442	.20041	.21491	17.766	11.505	24.442	.29612
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20290	56.549	.23137	.20111	.20419	.20317	.20436
SDev	.00133	.180	.00129	.00185	.00135	.00028	.00127
%RSD	.65621	.31884	.55970	.92072	.66170	.14008	.61979
#1	.20196	56.421	.23045	.20242	.20324	.20297	.20347
#2	.20384	56.676	.23228	.19980	.20515	.20337	.20526
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20735	.20728	.20291	.20786	.20420	.20514	.20175
SDev	.00445	.00580	.00100	.00079	.00254	.00027	.00053
%RSD	2.1437	2.7992	.49342	.38089	1.2452	.13182	.26211
#1	.20421	.20318	.20362	.20730	.20240	.20495	.20138
#2	.21049	.21139	.20220	.20842	.20600	.20534	.20213
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20679	.04782
SDev	.00074	.00065
%RSD	.35825	1.3536
#1	.20731	.04737
#2	.20626	.04828
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2801	--	--	--	--	--	--
SDev	1.219656	--	--	--	--	--	--
%RSD	.0435414	--	--	--	--	--	--
#1	2800	--	--	--	--	--	--
#2	2802	--	--	--	--	--	--

Analysis Report 03/28/06 07:06:50 PM page 1

Method: TRACE2 Sample Name: AD613870/MS Operator: SW
Run Time: 03/28/06 19:02:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.362	.21357	.21000	.55876	.20835	66.635	.20316
SDev	.012	.00060	.00066	.00025	.00022	.068	.00051
%RSD	.11328	.28350	.31233	.04473	.10572	.10160	.25040
#1	10.370	.21399	.21046	.55893	.20819	66.588	.20280
#2	10.354	.21314	.20954	.55858	.20850	66.683	.20352
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21074	.20228	.21104	17.348	11.725	25.191	.29954
SDev	.00015	.00006	.00025	.037	.023	.012	.00003
%RSD	.07048	.02956	.11688	.21432	.20040	.04929	.00948
#1	.21085	.20233	.21122	17.321	11.742	25.182	.29956
#2	.21064	.20224	.21087	17.374	11.709	25.200	.29952
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20547	59.038	.23546	.20565	.21233	.21011	.20665
SDev	.00044	.018	.00008	.00272	.00246	.00073	.00294
%RSD	.21536	.03118	.03378	1.3231	1.1570	.34862	1.4206
#1	.20516	59.025	.23552	.20758	.21060	.20959	.20873
#2	.20578	59.051	.23540	.20373	.21407	.21063	.20458
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21378	.20804	.20596	.21305	.20591	.20853	.21445
SDev	.00206	.01480	.00299	.00002	.00032	.00114	.00046
%RSD	.96245	7.1132	1.4544	.01064	.15489	.54824	.21572
#1	.21523	.21851	.20384	.21307	.20613	.20772	.21413
#2	.21232	.19758	.20808	.21303	.20568	.20934	.21478
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20608	.05380
SDev	.00010	.00005
%RSD	.04647	.08599
#1	.20602	.05383
#2	.20615	.05377
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2786	--	--	--	--	--	--
SDev	1.962325	--	--	--	--	--	--
%RSD	.0704412	--	--	--	--	--	--
#1	2787	--	--	--	--	--	--
#2	2784	--	--	--	--	--	--

Analysis Report 03/28/06 07:11:40 PM page 1

Method: TRACE2 Sample Name: AD613871/SD Operator: SW
Run Time: 03/28/06 19:06:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.363	.21041	.21030	.54113	.20543	64.755	.19992
SDev	.011	.00266	.00083	.00475	.00011	.142	.00045
%RSD	.10276	1.2660	.39452	.87821	.05376	.21892	.22513
#1	10.370	.20853	.20972	.54449	.20551	64.855	.20024
#2	10.355	.21230	.21089	.53777	.20535	64.654	.19961
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20908	.20140	.20855	17.394	11.800	24.716	.30072
SDev	.00128	.00062	.00016	.007	.004	.001	.00042
%RSD	.61306	.30563	.07841	.04259	.03224	.00533	.13984
#1	.20817	.20096	.20843	17.389	11.803	24.715	.30042
#2	.20998	.20183	.20866	17.399	11.797	24.717	.30101
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20283	58.722	.23234	.19887	.21058	.20668	.20416
SDev	.00066	.234	.00071	.00016	.00190	.00132	.00185
%RSD	.32470	.39881	.30571	.07986	.90329	.63945	.90396
#1	.20236	58.556	.23284	.19898	.21193	.20762	.20286
#2	.20329	58.887	.23183	.19875	.20924	.20575	.20547
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20873	.19880	.20685	.20854	.20382	.20570	.21121
SDev	.00096	.00069	.00242	.00051	.00034	.00001	.00021
%RSD	.46109	.34679	1.1717	.24601	.16431	.00387	.09871
#1	.20941	.19832	.20513	.20891	.20406	.20570	.21136
#2	.20805	.19929	.20856	.20818	.20359	.20571	.21106
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.19944	.05177
SDev	.00123	.00061
%RSD	.61740	1.1794
#1	.20031	.05220
#2	.19857	.05134
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2800	--	--	--	--	--	--
SDev	1.325825	--	--	--	--	--	--
%RSD	.0473558	--	--	--	--	--	--
#1	2801	--	--	--	--	--	--
#2	2799	--	--	--	--	--	--

Analysis Report 03/28/06 07:16:30 PM page 1

Method: TRACE2 Sample Name: AD613872 Operator: SW
Run Time: 03/28/06 19:11:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99284	.00256	.01257	.12903	.00015	53.375	-.00027
SDev	.00398	.00088	.00043	.00090	.00001	.146	.00004
%RSD	.40130	34.341	3.4386	.70112	6.2752	.27335	14.388
#1	.99003	.00319	.01288	.12839	.00016	53.272	-.00024
#2	.99566	.00194	.01227	.12967	.00015	53.478	-.00030
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00167	.00117	.00017	8.9869	1.8248	9.4421	1.1711
SDev	.00000	.00007	.00020	.0386	.0137	.0068	.0012
%RSD	.05525	6.0267	121.50	.42911	.75169	.07251	.09926
#1	.00167	.00112	.00002	8.9596	1.8345	9.4373	1.1703
#2	.00167	.00122	.00031	9.0141	1.8151	9.4470	1.1719
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00177	27.000	.00286	.00310	-.00246	-.00061	-.00032
SDev	.00000	.053	.00040	.00198	.00140	.00028	.00045
%RSD	.15959	.19616	14.007	63.946	57.198	45.701	143.00
#1	.00177	26.962	.00314	.00450	-.00345	-.00080	.00000
#2	.00177	27.037	.00257	.00170	-.00146	-.00041	-.00064
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00070	.00212	-.00154	.02760	-.00013	.00173	.00648
SDev	.00055	.00159	.00011	.00149	.00236	.00000	.00020
%RSD	78.746	74.865	7.2298	5.3827	1808.6	.26001	3.0250
#1	.00110	.00324	-.00162	.02865	-.00180	.00173	.00635
#2	.00031	.00100	-.00146	.02655	.00154	.00173	.00662
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00038	-.00024
SDev	.00148	.00023
%RSD	393.99	97.292
#1	.00067	-.00007
#2	-.00142	-.00040
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2796	--	--	--	--	--	--
SDev	4.772971	--	--	--	--	--	--
%RSD	.1706888	--	--	--	--	--	--
#1	2793	--	--	--	--	--	--
#2	2800	--	--	--	--	--	--

Analysis Report 03/28/06 07:21:20 PM page 1

Method: TRACE2 Sample Name: AD613873 Operator: SW
Run Time: 03/28/06 19:16:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0098	.00114	.05664	.28682	.00030	217.69	-.00059
SDev	.0127	.00216	.00168	.00404	.00003	2.90	.00009
%RSD	1.2541	189.68	2.9594	1.4096	8.7465	1.3311	15.269
#1	1.0008	.00266	.05546	.28396	.00028	215.64	-.00066
#2	1.0187	-.00039	.05783	.28968	.00032	219.74	-.00053
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00047	.00104	-.00098	36.843	2.9319	49.526	.46794
SDev	.00015	.00015	.00028	.460	.0221	.576	.00522
%RSD	31.953	14.949	28.563	1.2488	.75496	1.1625	1.1152
#1	.00057	.00115	-.00078	36.518	2.9162	49.119	.46425
#2	.00036	.00093	-.00118	37.169	2.9475	49.933	.47163
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00169	9.1582	.00073	.00387	-.00000	.00129	-.00144
SDev	.00000	.1278	.00003	.00119	.00076	.00090	.00241
%RSD	.06849	1.3958	3.6764	30.620	19588.	69.959	167.76
#1	.00169	9.2486	.00071	.00303	-.00054	.00065	.00027
#2	.00169	9.0679	.00075	.00471	.00053	.00192	-.00314
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00095	-.00200	-.00116	.04389	.00171	.00242	.00620
SDev	.00172	.00268	.00228	.00162	.00443	.00029	.00026
%RSD	181.13	133.82	197.11	3.6990	258.07	11.809	4.1722
#1	.00216	-.00011	.00046	.04504	-.00141	.00222	.00602
#2	-.00027	-.00389	-.00277	.04274	.00484	.00262	.00638
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00258	.00038
SDev	.00096	.00003
%RSD	37.070	9.1773
#1	.00190	.00035
#2	.00325	.00040
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2744	--	--	--	--	--	--
SDev	14.31891	--	--	--	--	--	--
%RSD	.5218072	--	--	--	--	--	--
#1	2754	--	--	--	--	--	--
#2	2734	--	--	--	--	--	--

Analysis Report 03/28/06 07:26:11 PM page 1

Method: TRACE2 Sample Name: AD613874 Operator: SW
Run Time: 03/28/06 19:21:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.72142	.00583	.03575	.31990	.00029	233.23	-.00089
SDev	.00146	.00169	.00033	.00079	.00000	.46	.00009
%RSD	.20215	29.032	.91651	.24619	1.3345	.19917	10.485
#1	.72245	.00703	.03552	.31934	.00030	232.90	-.00095
#2	.72039	.00463	.03598	.32045	.00029	233.56	-.00082
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00054	.00151	-.00091	55.927	2.9325	49.998	.55140
SDev	.00052	.00003	.00060	.024	.0137	.016	.00028
%RSD	97.894	1.8322	66.023	.04310	.46808	.03102	.05129
#1	.00091	.00149	-.00049	55.910	2.9422	49.987	.55120
#2	.00017	.00153	-.00134	55.944	2.9227	50.009	.55160
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00155	7.8552	.00194	.00338	-.00096	.00049	.00056
SDev	.00026	.1524	.00026	.00103	.00116	.00043	.00278
%RSD	16.592	1.9401	13.283	30.448	120.82	87.959	495.53
#1	.00137	7.7475	.00212	.00411	-.00178	.00018	.00253
#2	.00173	7.9630	.00176	.00265	-.00014	.00079	-.00141
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00095	.00152	.00008	.03362	.00069	.00144	.00365
SDev	.00179	.00415	.00210	.00131	.00290	.00037	.00011
%RSD	187.54	272.58	2592.1	3.8908	419.30	25.820	2.8906
#1	.00222	.00446	.00157	.03455	-.00136	.00170	.00372
#2	-.00031	-.00141	-.00140	.03270	.00274	.00118	.00357
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00086	-.00007
SDev	.00086	.00022
%RSD	99.937	321.14
#1	.00025	.00009
#2	.00147	-.00023
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2745	--	--	--	--	--	--
SDev	3.128982	--	--	--	--	--	--
%RSD	.1139900	--	--	--	--	--	--
#1	2743	--	--	--	--	--	--
#2	2747	--	--	--	--	--	--

Analysis Report 03/28/06 07:31:01 PM page 1

Method: TRACE2 Sample Name: AD613875 Operator: SW
Run Time: 03/28/06 19:26:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.29777	-.00028	.01114	.36109	.00013	52.509	-.00040
SDev	.00173	.00043	.00059	.00253	.00001	.143	.00022
%RSD	.57962	157.15	5.3197	.70170	6.0603	.27242	54.473
#1	.29899	.00003	.01156	.36288	.00013	52.610	-.00056
#2	.29655	-.00058	.01072	.35929	.00014	52.407	-.00025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00199	.00065	-.00157	19.063	1.4913	14.898	.26581
SDev	.00066	.00017	.00037	.004	.0246	.017	.00005
%RSD	33.449	26.758	23.432	.02091	1.6498	.11246	.02037
#1	.00152	.00077	-.00183	19.066	1.5087	14.909	.26585
#2	.00246	.00052	-.00131	19.061	1.4739	14.886	.26577
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00062	78.641	.00310	.00094	-.00170	-.00082	-.00095
SDev	.00032	.047	.00012	.00378	.00005	.00129	.00096
%RSD	51.945	.05946	3.9127	404.27	2.9508	156.95	101.11
#1	.00085	78.674	.00302	.00361	-.00167	.00009	-.00027
#2	.00039	78.608	.00319	-.00174	-.00174	-.00174	-.00163
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00142	-.00346	.00030	.00818	.00138	.00024	.00609
SDev	.00075	.00336	.00024	.00042	.00016	.00018	.00041
%RSD	52.863	97.075	78.098	5.1325	11.788	73.908	6.7467
#1	.00195	-.00109	.00014	.00848	.00127	.00012	.00580
#2	.00089	-.00584	.00047	.00788	.00150	.00037	.00638
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00087	.00019
SDev	.00110	.00027
%RSD	126.52	143.28
#1	.00164	.00037
#2	.00009	-.00000
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2806	--	--	--	--	--	--
SDev	.2651650	--	--	--	--	--	--
%RSD	.0094494	--	--	--	--	--	--
#1	2806	--	--	--	--	--	--
#2	2806	--	--	--	--	--	--

Analysis Report 03/28/06 07:35:52 PM page 1

Method: TRACE2 Sample Name: AD613876 Operator: SW
Run Time: 03/28/06 19:31:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2623	.01910	.02099	.61369	.00023	141.37	-.00049
SDev	.0123	.00063	.00013	.00168	.00000	.21	.00004
%RSD	.97226	3.2892	.62594	.27306	.61541	.14694	8.6872
#1	1.2536	.01866	.02090	.61250	.00023	141.22	-.00046
#2	1.2709	.01955	.02109	.61487	.00023	141.52	-.00052
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00130	.00162	.00159	53.841	6.4596	25.742	.29561
SDev	.00033	.00001	.00037	.063	.0032	.037	.00031
%RSD	25.617	.57520	23.183	.11715	.04992	.14211	.10476
#1	.00153	.00161	.00185	53.797	6.4619	25.716	.29583
#2	.00106	.00162	.00133	53.886	6.4573	25.767	.29539
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00205	6.3417	.00213	.00260	-.00092	.00025	.00181
SDev	.00002	.1256	.00013	.00026	.00116	.00069	.00057
%RSD	.89443	1.9808	6.0999	9.8445	126.04	275.23	31.471
#1	.00206	6.2529	.00204	.00278	-.00174	-.00024	.00141
#2	.00203	6.4306	.00222	.00242	-.00010	.00074	.00221
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00214	.00076	.00233	.05231	.00323	.00257	.00642
SDev	.00202	.00342	.00086	.00422	.00154	.00029	.00020
%RSD	94.530	447.50	36.707	8.0761	47.617	11.159	3.1114
#1	.00071	-.00165	.00294	.05529	.00431	.00277	.00628
#2	.00356	.00318	.00173	.04932	.00214	.00237	.00656
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00316	-.00019
SDev	.00133	.00029
%RSD	41.914	153.26
#1	.00410	.00002
#2	.00223	-.00039
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2754	--	--	--	--	--	--
SDev	7.583617	--	--	--	--	--	--
%RSD	.2753861	--	--	--	--	--	--
#1	2748	--	--	--	--	--	--
#2	2759	--	--	--	--	--	--

Analysis Report QC Standard 03/28/06 07:42:01 PM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 03/28/06 19:37:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	26.037	.51176	.49347	.53871	.51607	26.451	.49972
SDev	.050	.00092	.00179	.00248	.00131	.096	.00101
%RSD	.19160	.17870	.36352	.45996	.25445	.36208	.20161
#1	26.002	.51112	.49220	.53695	.51514	26.383	.49901
#2	26.072	.51241	.49474	.54046	.51700	26.519	.50044
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50039	.50342	.54525	25.184	25.531	25.513	.50904
SDev	.00076	.00101	.00014	.054	.032	.059	.00064
%RSD	.15083	.20019	.02537	.21323	.12501	.23149	.12549
#1	.49986	.50271	.54515	25.147	25.508	25.471	.50859
#2	.50092	.50413	.54535	25.222	25.553	25.554	.50950
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50834	26.003	.51627	.49783	.52613	.51671	.51799
SDev	.00319	.243	.00220	.00110	.00146	.00134	.00148
%RSD	.62852	.93588	.42594	.21989	.27760	.25909	.28524
#1	.50608	25.831	.51471	.49861	.52716	.51765	.51903
#2	.51060	26.175	.51782	.49706	.52509	.51576	.51694
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51655	.51300	.52049	.53807	.51965	.51770	.50448
SDev	.00013	.01233	.00395	.00188	.00072	.00153	.00122
%RSD	.02498	2.4035	.75867	.34995	.13868	.29565	.24236
#1	.51665	.52172	.51769	.53674	.51914	.51662	.50361
#2	.51646	.50428	.52328	.53940	.52016	.51878	.50534
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.52494	.51745
SDev	.00318	.00161
%RSD	.60623	.31144
#1	.52269	.51631
#2	.52719	.51859
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2756	--	--	--	--	--	--
SDev	9.864105	--	--	--	--	--	--
%RSD	.3578619	--	--	--	--	--	--
#1	2749	--	--	--	--	--	--
#2	2763	--	--	--	--	--	--

Analysis Report Blank Sample 03/28/06 07:46:52 PM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 03/28/06 19:42:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04696	-.00205	.00149	.00020	.00021	.03657	-.00008
SDev	.00116	.00320	.00041	.00007	.00002	.00142	.00008
%RSD	2.4782	156.32	27.458	35.038	9.2374	3.8783	104.00
#1	.04778	.00022	.00120	.00025	.00022	.03758	-.00002
#2	.04614	-.00431	.00178	.00015	.00020	.03557	-.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00016	.00016	-.00222	.01889	.00671	.04131	.00026
SDev	.00016	.00009	.00031	.00343	.01842	.00234	.00002
%RSD	98.251	55.876	14.072	18.170	274.31	5.6726	8.6490
#1	-.00027	.00022	-.00199	.02131	.01974	.04296	.00028
#2	-.00005	.00010	-.00244	.01646	-.00631	.03965	.00025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00050	-.00708	.00005	.00389	-.00258	-.00043	.00097
SDev	.00015	.11632	.00020	.00243	.00014	.00090	.00012
%RSD	29.677	1641.9	380.03	62.595	5.2349	209.62	12.120
#1	.00061	-.08933	-.00009	.00217	-.00268	-.00107	.00089
#2	.00040	.07516	.00019	.00561	-.00249	.00021	.00106
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00228	.00297	-.00003	.00059	-.00040	-.00005	-.00028
SDev	.00225	.00323	.00144	.00021	.00171	.00046	.00011
%RSD	98.422	108.90	5546.0	35.252	425.48	914.54	37.569
#1	.00069	.00068	.00099	.00073	.00081	.00027	-.00021
#2	.00387	.00526	-.00104	.00044	-.00161	-.00037	-.00036
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00128	.00042
SDev	.00114	.00024
%RSD	89.294	55.633
#1	.00209	.00059
#2	.00047	.00026
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2792	--	--	--	--	--	--
SDev	19.19805	--	--	--	--	--	--
%RSD	.6877325	--	--	--	--	--	--
#1	2778	--	--	--	--	--	--
#2	2805	--	--	--	--	--	--

Analysis Report 03/28/06 07:51:42 PM page 1

Method: TRACE2 Sample Name: AD613877 Operator: SW
Run Time: 03/28/06 19:46:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.94352	.00133	.02005	.17841	.00022	42.003	-.00050
SDev	.00128	.00190	.00006	.00038	.00001	.105	.00006
%RSD	.13540	142.55	.32539	.21120	3.0792	.25006	12.469
#1	.94262	-.00001	.02000	.17814	.00021	41.929	-.00046
#2	.94442	.00268	.02010	.17867	.00022	42.077	-.00055
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00075	.00156	-.00009	24.167	5.2093	9.3138	1.2520
SDev	.00011	.00019	.00018	.006	.0151	.0144	.0010
%RSD	14.627	12.084	193.81	.02400	.28922	.15510	.08388
#1	.00067	.00143	-.00022	24.171	5.2199	9.3036	1.2512
#2	.00082	.00169	.00003	24.163	5.1986	9.3240	1.2527
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00149	51.365	.00192	.00260	.00039	.00112	.00043
SDev	.00042	.056	.00031	.00029	.00120	.00090	.00057
%RSD	28.421	.10965	16.031	11.200	311.18	79.969	134.28
#1	.00119	51.325	.00170	.00239	-.00046	.00049	.00083
#2	.00179	51.404	.00214	.00280	.00123	.00176	.00002
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	.00349	-.00110	.02885	.00299	.00220	.00493
SDev	.00117	.00198	.00013	.00149	.00060	.00054	.00041
%RSD	9827.4	56.597	11.425	5.1717	20.217	24.753	8.3610
#1	-.00084	.00489	-.00119	.02779	.00341	.00181	.00464
#2	.00081	.00209	-.00101	.02990	.00256	.00258	.00522
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00029	.00016
SDev	.00008	.00007
%RSD	28.703	41.716
#1	.00035	.00011
#2	.00023	.00021
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2780	--	--	--	--	--	--
SDev	.9546632	--	--	--	--	--	--
%RSD	.0343438	--	--	--	--	--	--
#1	2779	--	--	--	--	--	--
#2	2780	--	--	--	--	--	--

Analysis Report 03/28/06 07:56:33 PM page 1

Method: TRACE2 Sample Name: AD613878 Operator: SW
Run Time: 03/28/06 19:51:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.30914	.00311	.01068	.37697	.00018	53.328	-.00031
SDev	.00044	.00017	.00024	.00205	.00001	.013	.00008
%RSD	.14068	5.3637	2.2355	.54446	3.1248	.02417	26.850
#1	.30884	.00299	.01084	.37842	.00018	53.319	-.00037
#2	.30945	.00323	.01051	.37552	.00017	53.337	-.00025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00203	.00072	-.00125	26.969	1.5172	15.139	.27037
SDev	.00003	.00017	.00003	.138	.0082	.015	.00143
%RSD	1.6324	23.859	2.0539	.51280	.53790	.09800	.53011
#1	.00205	.00084	-.00127	26.871	1.5229	15.129	.26936
#2	.00200	.00060	-.00123	27.067	1.5114	15.150	.27139
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00052	80.100	.00277	.00228	-.00036	.00052	.00077
SDev	.00080	.202	.00080	.00032	.00026	.00007	.00470
%RSD	154.02	.25179	29.004	14.029	72.376	12.915	608.36
#1	-.00005	79.957	.00220	.00205	-.00018	.00057	-.00255
#2	.00109	80.242	.00334	.00250	-.00054	.00047	.00410
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	.00060	.00086	.00946	.00143	.00022	.00707
SDev	.00111	.00458	.00476	.00071	.00094	.00036	.00014
%RSD	514.13	764.36	554.02	7.4883	65.818	162.95	1.9509
#1	.00100	-.00264	-.00251	.00896	.00209	.00048	.00698
#2	-.00057	.00384	.00423	.00996	.00076	-.00003	.00717
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00198	.00016
SDev	.00244	.00034
%RSD	123.16	209.09
#1	.00371	-.00008
#2	.00026	.00040
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2765	--	--	--	--	--	--
SDev	11.77343	--	--	--	--	--	--
%RSD	.4257637	--	--	--	--	--	--
#1	2774	--	--	--	--	--	--
#2	2757	--	--	--	--	--	--

Analysis Report 03/28/06 08:01:23 PM page 1

Method: TRACE2 Sample Name: AD613879 Operator: SW
Run Time: 03/28/06 19:56:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01598	-.00121	.00147	.00026	-.00001	.03664	-.00004
SDev	.00130	.00026	.00023	.00005	.00010	.00066	.00004
%RSD	8.1616	21.183	15.399	20.814	1600.8	1.8132	102.21
#1	.01506	-.00139	.00163	.00022	-.00008	.03617	-.00007
#2	.01690	-.00103	.00131	.00030	.00007	.03711	-.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00047	.00004	-.00198	.02271	.00661	.00776	.00042
SDev	.00001	.00032	.00014	.00798	.01375	.00062	.00000
%RSD	1.3394	829.15	7.2361	35.153	208.05	7.9350	.28750
#1	-.00047	-.00019	-.00208	.01706	.01633	.00819	.00042
#2	-.00048	.00026	-.00187	.02835	-.00311	.00732	.00042
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	.36965	-.00002	.00436	-.00145	.00048	.00087
SDev	.00034	.00445	.00028	.00020	.00031	.00014	.00247
%RSD	1441.9	1.2030	1412.2	4.6858	21.700	29.303	282.67
#1	.00026	.36650	.00018	.00450	-.00167	.00038	.00262
#2	-.00022	.37279	-.00022	.00421	-.00123	.00058	-.00087
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00121	-.00126	.00194	.00023	.00230	-.00006	.00064
SDev	.00119	.00424	.00158	.00009	.00183	.00010	.00004
%RSD	98.280	337.31	81.625	38.649	79.278	174.43	6.5312
#1	.00206	.00174	.00306	.00017	.00101	-.00013	.00061
#2	.00037	-.00425	.00082	.00029	.00360	.00001	.00067
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00196	-.00003
SDev	.00204	.00027
%RSD	104.34	937.18
#1	.00340	-.00022
#2	.00051	.00016
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2848	--	--	--	--	--	--
SDev	92.17144	--	--	--	--	--	--
%RSD	3.235959	--	--	--	--	--	--
#1	2914	--	--	--	--	--	--
#2	2783	--	--	--	--	--	--

Analysis Report 03/28/06 08:06:13 PM page 1

Method: TRACE2 Sample Name: AD613841/PB Operator: SW
Run Time: 03/28/06 20:01:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01506	-.00199	.00221	.00012	.00002	.01613	-.00007
SDev	.00034	.00030	.00009	.00008	.00002	.00008	.00000
%RSD	2.2682	15.207	4.2549	69.069	102.40	.47449	4.6719
#1	.01482	-.00220	.00214	.00006	.00004	.01608	-.00007
#2	.01530	-.00177	.00227	.00018	.00001	.01619	-.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	-.00029	-.00221	-.00569	-.00137	.00286	.00016
SDev	.00003	.00003	.00030	.01148	.01952	.00202	.00008
%RSD	269.42	9.7058	13.376	202.00	1419.8	70.789	50.072
#1	.00001	-.00027	-.00200	-.01381	.01243	.00429	.00022
#2	-.00004	-.00031	-.00242	.00244	-.01518	.00143	.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	.14338	-.00010	.00169	-.00124	-.00026	-.00007
SDev	.00014	.06654	.00001	.00159	.00138	.00145	.00088
%RSD	91.402	46.408	13.289	93.644	110.94	549.78	1248.1
#1	.00005	.09633	-.00009	.00281	-.00027	.00076	.00055
#2	.00024	.19043	-.00011	.00057	-.00221	-.00128	-.00069
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	.00346	-.00184	.00019	.00091	-.00056	.00107
SDev	.00043	.00293	.00015	.00002	.00166	.00027	.00021
%RSD	830.40	84.592	8.0879	9.0132	183.03	47.592	19.551
#1	.00035	.00553	-.00194	.00021	-.00027	-.00037	.00122
#2	-.00025	.00139	-.00173	.00018	.00208	-.00075	.00093
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00197	.00004
SDev	.00055	.00008
%RSD	27.702	227.48
#1	.00235	.00009
#2	.00158	-.00002
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2836	--	--	--	--	--	--
SDev	12.99309	--	--	--	--	--	--
%RSD	.4580857	--	--	--	--	--	--
#1	2827	--	--	--	--	--	--
#2	2846	--	--	--	--	--	--

Analysis Report 03/28/06 08:11:04 PM page 1

Method: TRACE2 Sample Name: AD613840/FB Operator: SW
Run Time: 03/28/06 20:06:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.465	.21410	.20149	H.23232	.20978	10.423	.20545
SDev	.008	.00367	.00133	.00045	.00003	.000	.00014
%RSD	.07506	1.7165	.65990	.19450	.01354	.00160	.06722
#1	10.459	.21150	.20055	H.23201	.20980	10.423	.20555
#2	10.470	.21670	.20243	H.23264	.20976	10.423	.20535
Errors	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20536	.20443	.21401	10.140	10.199	10.239	.20163
SDev	.00015	.00029	.00022	.023	.027	.013	.00045
%RSD	.07080	.14371	.10320	.22495	.26590	.12880	.22362
#1	.20526	.20423	.21417	10.156	10.218	10.249	.20195
#2	.20547	.20464	.21386	10.123	10.180	10.230	.20132
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20541	10.965	.21069	.20796	.21822	.21481	.20748
SDev	.00131	.038	.00048	.00287	.00151	.00005	.00035
%RSD	.63898	.34826	.22887	1.3783	.69026	.02339	.16886
#1	.20448	10.992	.21104	.20999	.21716	.21477	.20724
#2	.20633	10.938	.21035	.20594	.21929	.21484	.20773
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.23000	11.500	.23000			.23000	.23000
Low	.17000	8.5000	.17000			.17000	.17000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21193	.20556	.20845	.21577	.20708	.21033	.21358
SDev	.00253	.00521	.00313	.00018	.00120	.00016	.00050
%RSD	1.1930	2.5361	1.5026	.08504	.58115	.07588	.23335
#1	.21014	.20925	.20623	.21564	.20793	.21022	.21394
#2	.21371	.20188	.21066	.21590	.20623	.21045	.21323
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000			.23000	.23000	.23000	.23000
Low	.17000			.17000	.17000	.17000	.17000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20920	.05523
SDev	.00167	.00037
%RSD	.79733	.67174
#1	.21038	.05549
#2	.20802	.05497
Errors	LC Pass	LC Pass
High	.23000	.05750
Low	.17000	.04250

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2772	--	--	--	--	--	--
SDev	5.091134	--	--	--	--	--	--
%RSD	.1836927	--	--	--	--	--	--
#1	2768	--	--	--	--	--	--
#2	2775	--	--	--	--	--	--

Analysis Report 03/28/06 08:15:54 PM page 1

Method: TRACE2 Sample Name: AD613822 Operator: SW
Run Time: 03/28/06 20:11:07
Comment:
Mode: CONC Corr. Factor: 3

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07561	.10867	16.096	1.6472	.00112	510.37	-.00123
SDev	.00220	.00215	.050	.0057	.00002	1.64	.00021
%RSD	2.9160	1.9823	.30947	.34723	1.4498	.32093	16.859
#1	.07405	.11020	16.060	1.6432	.00111	509.21	-.00108
#2	.07717	.10715	16.131	1.6512	.00113	511.53	-.00138
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02404	.04002	.10386	11.384	H643.30	278.68	5.9753
SDev	.00002	.00012	.00077	.035	.54	.48	.0063
%RSD	.08117	.30811	.74535	.31134	.08402	.17059	.10485
#1	.02405	.04010	.10331	11.359	H642.92	278.35	5.9709
#2	.02403	.03993	.10441	11.409	H643.68	279.02	5.9798
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04457	H3170.1	.08630	.01112	-.00622	-.00045	.00774
SDev	.00313	4.1	.00195	.00291	.00099	.00163	.00383
%RSD	7.0153	.13085	2.2551	26.173	15.974	366.62	49.467
#1	.04678	H3167.2	.08492	.00906	-.00692	-.00160	.00503
#2	.04235	H3173.0	.08767	.01318	-.00552	.00071	.01045
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00810	.02743	-.00211	.03587	-.00007	.04737	.03789
SDev	.00692	.01569	.00210	.00028	.00550	.00004	.00062
%RSD	85.507	57.209	99.886	.77267	8078.4	.09001	1.6473
#1	.00320	.01633	-.00062	.03567	.00382	.04740	.03745
#2	.01299	.03852	-.00359	.03606	-.00396	.04734	.03833
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.01518	-.00006
SDev	.00831	.00000
%RSD	54.781	1.2157
#1	.02106	-.00006
#2	.00930	-.00006
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2639	--	--	--	--	--	--
SDev	2.174319	--	--	--	--	--	--
%RSD	.0824039	--	--	--	--	--	--
#1	2637	--	--	--	--	--	--
#2	2640	--	--	--	--	--	--

Analysis Report 03/28/06 08:20:44 PM page 1

Method: TRACE2 Sample Name: AD613823 Operator: SW
Run Time: 03/28/06 20:15:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20227	.04142	.27320	.37764	.00033	67.518	-.00027
SDev	.00705	.00027	.00176	.00393	.00001	.262	.00008
%RSD	3.4856	.65891	.64478	1.0416	1.4655	.38736	28.489
#1	.20726	.04122	.27195	.38042	.00033	67.703	-.00022
#2	.19729	.04161	.27444	.37486	.00032	67.333	-.00033
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00094	.00183	.02055	1.0109	7.2292	19.981	3.0825
SDev	.00019	.00014	.00069	.0018	.0323	.041	.0014
%RSD	20.277	7.4248	3.3608	.17983	.44690	.20365	.04392
#1	.00107	.00173	.02006	1.0096	7.2521	20.010	3.0816
#2	.00080	.00193	.02104	1.0122	7.2064	19.952	3.0835
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09634	240.52	.01185	.00541	.00378	.00432	-.00221
SDev	.00038	.29	.00034	.00122	.00202	.00176	.00003
%RSD	.39766	.11914	2.8637	22.649	53.539	40.676	1.2412
#1	.09607	240.72	.01161	.00627	.00521	.00557	-.00219
#2	.09661	240.31	.01209	.00454	.00235	.00308	-.00223
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00212	-.00098	-.00282	.00274	-.00030	.01077	.00950
SDev	.00117	.00229	.00110	.00016	.00003	.00029	.00010
%RSD	55.335	232.59	39.099	5.8678	9.2291	2.6931	1.0148
#1	.00295	.00063	-.00360	.00285	-.00032	.01056	.00957
#2	.00129	-.00260	-.00204	.00262	-.00028	.01097	.00943
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00247	.00020
SDev	.00301	.00022
%RSD	122.17	114.97
#1	.00460	.00035
#2	.00034	.00004
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2713	--	--	--	--	--	--
SDev	2.598652	--	--	--	--	--	--
%RSD	.0957768	--	--	--	--	--	--
#1	2715	--	--	--	--	--	--
#2	2711	--	--	--	--	--	--

Analysis Report 03/28/06 08:25:35 PM page 1

Method: TRACE2 Sample Name: AD613824 Operator: SW
Run Time: 03/28/06 20:20:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03875	.02592	.37758	.16562	.00022	49.249	-.00040
SDev	.00007	.00194	.00017	.00003	.00001	.076	.00023
%RSD	.17164	7.5020	.04490	.01822	2.3296	.15358	58.801
#1	.03880	.02454	.37770	.16565	.00022	49.195	-.00056
#2	.03871	.02729	.37746	.16560	.00022	49.302	-.00023
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	.00165	.02371	2.0715	6.1335	6.0989	1.4076
SDev	.00038	.00002	.00038	.0001	.0186	.0063	.0003
%RSD	614.82	.97585	1.6134	.00341	.30256	.10398	.02162
#1	.00033	.00166	.02344	2.0715	6.1466	6.0944	1.4074
#2	-.00021	.00164	.02398	2.0714	6.1203	6.1034	1.4078
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03140	265.05	.06387	.00699	-.00211	.00092	.00093
SDev	.00006	.14	.00074	.00071	.00005	.00027	.00167
%RSD	.19016	.05456	1.1609	10.096	2.4062	29.182	178.60
#1	.03136	264.95	.06335	.00649	-.00215	.00073	.00212
#2	.03144	265.15	.06440	.00749	-.00207	.00111	-.00025
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00231	.00358	-.00039	.00108	.00061	.00307	.00862
SDev	.00034	.00028	.00236	.00001	.00085	.00009	.00052
%RSD	14.581	7.8634	610.03	.64256	139.14	2.9145	6.0265
#1	.00255	.00378	.00128	.00109	.00121	.00301	.00826
#2	.00207	.00338	-.00206	.00108	.00001	.00313	.00899
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00210	-.00061
SDev	.00065	.00012
%RSD	30.939	19.721
#1	.00256	-.00052
#2	.00164	-.00069
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2726	--	--	--	--	--	--
SDev	2.333487	--	--	--	--	--	--
%RSD	.0856027	--	--	--	--	--	--
#1	2724	--	--	--	--	--	--
#2	2728	--	--	--	--	--	--

Analysis Report 03/28/06 08:30:25 PM page 1

Method: TRACE2 Sample Name: AD613824/L (1:5) Operator: SW
Run Time: 03/28/06 20:25:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01494	.00394	.07642	.03355	.00012	9.6619	-.00026
SDev	.00030	.00118	.00072	.00008	.00000	.0097	.00008
%RSD	1.9995	29.947	.94562	.22567	3.5546	.10085	32.925
#1	.01473	.00477	.07694	.03350	.00013	9.6550	-.00020
#2	.01515	.00310	.07591	.03360	.00012	9.6688	-.00032
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00017	.00050	.00306	.41663	1.0372	1.2213	.28109
SDev	.00022	.00026	.00015	.00676	.0209	.0051	.00015
%RSD	129.82	52.192	5.0356	1.6223	2.0143	.41420	.05291
#1	-.00001	.00032	.00295	.42141	1.0520	1.2249	.28098
#2	-.00033	.00069	.00317	.41185	1.0224	1.2177	.28119
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00663	53.220	.01276	.00320	-.00012	.00098	.00161
SDev	.00073	.049	.00050	.00072	.00007	.00028	.00144
%RSD	10.984	.09222	3.8956	22.497	56.071	28.954	89.283
#1	.00714	53.255	.01311	.00371	-.00007	.00119	.00059
#2	.00611	53.185	.01241	.00269	-.00017	.00078	.00263
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00024	-.00422	.00453	.00050	-.00046	.00059	.00151
SDev	.00303	.00016	.00208	.00023	.00147	.00027	.00010
%RSD	1251.8	3.8795	45.848	46.234	317.95	46.208	6.8675
#1	-.00238	-.00434	.00306	.00066	.00058	.00079	.00143
#2	.00190	-.00411	.00600	.00033	-.00150	.00040	.00158
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00236	.00009
SDev	.00134	.00007
%RSD	56.827	76.192
#1	.00141	.00004
#2	.00331	.00014
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2763	--	--	--	--	--	--
SDev	.3181635	--	--	--	--	--	--
%RSD	.0115155	--	--	--	--	--	--
#1	2763	--	--	--	--	--	--
#2	2763	--	--	--	--	--	--

Analysis Report 03/28/06 08:35:15 PM page 1

Method: TRACE2 Sample Name: AD613824/PS Operator: SW
Run Time: 03/28/06 20:30:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.245	.24007	.56918	.38886	.20793	58.773	.20422
SDev	.033	.00189	.00169	.00003	.00051	.111	.00062
%RSD	.32679	.78798	.29708	.00910	.24424	.18969	.30447
#1	10.269	.23873	.57037	.38888	.20829	58.852	.20466
#2	10.221	.24141	.56798	.38883	.20757	58.694	.20378
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19989	.20320	.24977	12.100	17.865	16.115	1.5498
SDev	.00114	.00076	.00068	.048	.071	.042	.0053
%RSD	.56929	.37382	.27182	.39553	.39972	.26282	.34015
#1	.20069	.20374	.25025	12.134	17.915	16.145	1.5535
#2	.19908	.20266	.24929	12.066	17.814	16.085	1.5461
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23673	270.09	.27162	.20428	.21520	.21156	.20699
SDev	.00001	.30	.00018	.00018	.00030	.00014	.00433
%RSD	.00533	.10999	.06566	.08922	.14069	.06676	2.0908
#1	.23672	270.30	.27175	.20415	.21541	.21166	.21005
#2	.23674	269.88	.27150	.20441	.21498	.21146	.20393
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21291	.20270	.20914	.21381	.21189	.21163	.21074
SDev	.00247	.00092	.00695	.00044	.00192	.00046	.00025
%RSD	1.1613	.45458	3.3242	.20725	.90521	.21618	.11871
#1	.21466	.20205	.21406	.21412	.21325	.21196	.21092
#2	.21116	.20336	.20423	.21349	.21053	.21131	.21056
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.21158	.05342
SDev	.00293	.00014
%RSD	1.3863	.25860
#1	.21365	.05332
#2	.20950	.05352
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2774	--	--	--	--	--	--
SDev	5.992626	--	--	--	--	--	--
%RSD	.2159943	--	--	--	--	--	--
#1	2770	--	--	--	--	--	--
#2	2779	--	--	--	--	--	--

Analysis Report QC Standard 03/28/06 08:41:26 PM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 03/28/06 20:36:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	26.362	.52427	.50131	Q.56548	.52184	26.915	.50417
SDev	.013	.00247	.00282	.00022	.00076	.051	.00007
%RSD	.04933	.47114	.56308	.03879	.14574	.19133	.01470
#1	26.371	.52253	.50330	Q.56532	.52130	26.878	.50411
#2	26.353	.52602	.49931	Q.56563	.52238	26.951	.50422
Errors	QC Pass	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50182	.50296	Q.55743	25.116	25.832	25.657	.50824
SDev	.00034	.00053	.00025	.018	.019	.013	.00038
%RSD	.06874	.10496	.04412	.06977	.07545	.04887	.07463
#1	.50157	.50258	Q.55761	25.104	25.846	25.648	.50797
#2	.50206	.50333	Q.55726	25.129	25.818	25.666	.50851
Errors	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51255	26.526	.52510	.49823	.53561	.52316	.52176
SDev	.00068	.013	.00087	.00051	.00323	.00232	.00378
%RSD	.13311	.04778	.16648	.10138	.60376	.44444	.72443
#1	.51207	26.517	.52448	.49788	.53332	.52152	.51909
#2	.51303	26.535	.52572	.49859	.53790	.52481	.52443
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52890	.50322	.53104	Q.55229	.53173	.52382	.50829
SDev	.00042	.00047	.00591	.00069	.00271	.00016	.00063
%RSD	.08036	.09397	1.1122	.12500	.51036	.03140	.12352
#1	.52860	.50356	.52686	Q.55180	.53365	.52371	.50785
#2	.52920	.50289	.53521	Q.55277	.52981	.52394	.50874
Errors	QC Pass	NOCHECK	NOCHECK	QC Fail	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.52709	.52945
SDev	.00277	.00016
%RSD	.52542	.03100
#1	.52513	.52957
#2	.52905	.52933
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2736	--	--	--	--	--	--
SDev	.5833285	--	--	--	--	--	--
%RSD	.0213167	--	--	--	--	--	--
#1	2736	--	--	--	--	--	--
#2	2737	--	--	--	--	--	--

Analysis Report Blank Sample 03/28/06 08:46:17 PM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 03/28/06 20:41:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01212	-.00265	.00283	-.00000	.00018	-.00677	-.00005
SDev	.00044	.00089	.00016	.00006	.00000	.00239	.00021
%RSD	3.6329	33.783	5.5245	2308.2	2.5293	35.264	432.37
#1	.01243	-.00328	.00294	.00004	.00017	-.00846	-.00020
#2	.01181	-.00202	.00272	-.00005	.00018	-.00508	.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00011	-.00014	-.00303	.00423	.00305	.00421	.00014
SDev	.00019	.00013	.00022	.00594	.02392	.00044	.00004
%RSD	165.29	98.115	7.2418	140.47	783.76	10.414	28.634
#1	.00025	-.00023	-.00288	.00844	.01997	.00452	.00011
#2	-.00002	-.00004	-.00319	.00003	-.01386	.00390	.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00107	.22478	-.00001	.00175	-.00163	-.00050	-.00090
SDev	.00064	.05333	.00021	.00175	.00215	.00202	.00017
%RSD	59.068	23.726	2515.4	100.18	132.45	402.68	19.021
#1	.00152	.18707	.00014	.00299	-.00010	.00093	-.00078
#2	.00063	.26249	-.00015	.00051	-.00315	-.00193	-.00103
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00257	-.00329	.00029	.00042	.00120	-.00017	-.00035
SDev	.00002	.00173	.00061	.00003	.00061	.00028	.00000
%RSD	.87401	52.459	208.20	6.4838	51.152	162.09	.06473
#1	.00259	-.00207	-.00014	.00041	.00077	.00003	-.00035
#2	.00256	-.00452	.00072	.00044	.00163	-.00037	-.00035
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00159	.00003
SDev	.00073	.00070
%RSD	45.802	2708.1
#1	.00210	-.00047
#2	.00107	.00052
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2729	--	--	--	--	--	--
SDev	.2651650	--	--	--	--	--	--
%RSD	.0097171	--	--	--	--	--	--
#1	2729	--	--	--	--	--	--
#2	2729	--	--	--	--	--	--

Analysis Report 03/28/06 08:51:07 PM page 1

Method: TRACE2 Sample Name: AD613825/MS Operator: SW
Run Time: 03/28/06 20:46:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.571	.24148	.58076	.39900	.20978	60.458	.20472
SDev	.022	.00009	.00028	.00050	.00018	.066	.00002
%RSD	.20426	.03900	.04755	.12612	.08580	.10893	.00735
#1	10.556	.24141	.58056	.39935	.20965	60.412	.20473
#2	10.587	.24154	.58096	.39864	.20991	60.505	.20471
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20503	.20508	.25016	12.142	18.278	16.297	1.6078
SDev	.00006	.00077	.00013	.009	.020	.006	.0010
%RSD	.02988	.37506	.05063	.07351	.11061	.03901	.06417
#1	.20499	.20454	.25007	12.136	18.264	16.293	1.6071
#2	.20507	.20563	.25025	12.148	18.292	16.302	1.6085
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23918	279.92	.27277	.21024	.21854	.21578	.20252
SDev	.00091	.64	.00047	.00213	.00092	.00010	.00447
%RSD	.38229	.23006	.17167	1.0117	.41875	.04537	2.2050
#1	.23853	279.47	.27310	.20874	.21919	.21571	.19936
#2	.23983	280.38	.27244	.21175	.21790	.21585	.20568
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21509	.20188	.20284	.21595	.21151	.21340	.22005
SDev	.00229	.00722	.00309	.00007	.00135	.00066	.00038
%RSD	1.0637	3.5775	1.5220	.03059	.63639	.31043	.17038
#1	.21671	.19677	.20066	.21600	.21246	.21386	.21979
#2	.21347	.20699	.20502	.21590	.21056	.21293	.22032
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20792	.05397
SDev	.00436	.00041
%RSD	2.0946	.75727
#1	.20484	.05368
#2	.21100	.05426
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2728	--	--	--	--	--	--
SDev	3.341149	--	--	--	--	--	--
%RSD	.1224655	--	--	--	--	--	--
#1	2731	--	--	--	--	--	--
#2	2726	--	--	--	--	--	--

Analysis Report 03/28/06 08:55:58 PM page 1

Method: TRACE2 Sample Name: AD613826/SD Operator: SW
Run Time: 03/28/06 20:51:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.590	.24332	.58065	.40204	.20959	60.558	.20431
SDev	.001	.00246	.00214	.00010	.00002	.043	.00002
%RSD	.01239	1.0098	.36898	.02455	.01125	.07091	.00789
#1	10.591	.24506	.57914	.40197	.20957	60.528	.20430
#2	10.589	.24158	.58217	.40211	.20960	60.588	.20432
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20403	.20439	.26437	12.110	18.217	16.273	1.5995
SDev	.00022	.00041	.00032	.005	.024	.003	.0013
%RSD	.10570	.19843	.12168	.04539	.13225	.01913	.08418
#1	.20418	.20468	.26459	12.106	18.234	16.271	1.6005
#2	.20387	.20411	.26414	12.114	18.200	16.276	1.5986
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23880	278.46	.27294	.20970	.21890	.21584	.20915
SDev	.00095	.26	.00063	.00009	.00084	.00053	.00089
%RSD	.39845	.09265	.23033	.04458	.38352	.24502	.42752
#1	.23813	278.27	.27250	.20976	.21831	.21546	.20852
#2	.23948	278.64	.27339	.20963	.21950	.21621	.20978
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21478	.21121	.20812	.21627	.21076	.21321	.22029
SDev	.00216	.00288	.00010	.00008	.00376	.00058	.00115
%RSD	1.0060	1.3640	.04766	.03904	1.7817	.27233	.52356
#1	.21631	.20918	.20819	.21621	.20810	.21280	.21947
#2	.21325	.21325	.20805	.21633	.21341	.21362	.22110
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.21208	.05481
SDev	.00023	.00021
%RSD	.11097	.38514
#1	.21225	.05495
#2	.21191	.05466
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2720	--	--	--	--	--	--
SDev	7.954951	--	--	--	--	--	--
%RSD	.2924829	--	--	--	--	--	--
#1	2714	--	--	--	--	--	--
#2	2725	--	--	--	--	--	--

Analysis Report 03/28/06 09:00:49 PM page 1

Method: TRACE2 Sample Name: AD613827 Operator: SW
Run Time: 03/28/06 20:56:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01947	.00246	.52787	1.1373	.00027	61.426	-.00056
SDev	.00233	.00021	.00675	.0102	.00002	.585	.00002
%RSD	11.959	8.5318	1.2792	.90043	8.5118	.95199	4.3919
#1	.01782	.00260	.53264	1.1445	.00029	61.840	-.00054
#2	.02111	.00231	.52309	1.1300	.00025	61.013	-.00058
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00189	-.00023	.05270	5.0708	14.565	13.248	3.7719
SDev	.00001	.00000	.00057	.0637	.143	.138	.0418
%RSD	.48780	.45977	1.0745	1.2558	.98068	1.0388	1.1081
#1	.00189	-.00023	.05310	5.1158	14.666	13.346	3.8015
#2	.00188	-.00023	.05230	5.0258	14.464	13.151	3.7424
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01885	98.860	.00893	.01252	.00810	.00957	-.00043
SDev	.00072	.835	.00002	.00137	.00202	.00089	.00197
%RSD	3.8023	.84452	.21243	10.959	24.972	9.3226	461.99
#1	.01935	99.451	.00894	.01349	.00667	.00894	.00097
#2	.01834	98.270	.00891	.01155	.00953	.01021	-.00182
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00789	.00052	-.00090	.00047	.00004	.00011	.03697
SDev	.00215	.00701	.00055	.00012	.00133	.00010	.00044
%RSD	27.266	1354.2	60.572	25.166	3273.0	84.253	1.1914
#1	.00637	.00548	-.00129	.00056	-.00090	.00018	.03728
#2	.00941	-.00444	-.00051	.00039	.00098	.00005	.03666
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00108	.00035
SDev	.00090	.00000
%RSD	83.775	.18200
#1	.00172	.00035
#2	.00044	.00035
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2760	--	--	--	--	--	--
SDev	24.60735	--	--	--	--	--	--
%RSD	.8917160	--	--	--	--	--	--
#1	2742	--	--	--	--	--	--
#2	2777	--	--	--	--	--	--

Analysis Report 03/28/06 09:05:39 PM page 1

Method: TRACE2 Sample Name: AD613828 Operator: SW
Run Time: 03/28/06 21:00:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03696	.01693	3.4605	.32434	.00038	173.41	-.00073
SDev	.00097	.00064	.0095	.00061	.00001	.34	.00000
%RSD	2.6192	3.7529	.27571	.18838	1.3688	.19793	.04078
#1	.03628	.01738	3.4538	.32391	.00038	173.16	-.00073
#2	.03765	.01648	3.4673	.32477	.00038	173.65	-.00073
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00958	.01710	.12089	21.959	94.849	58.481	4.0657
SDev	.00021	.00050	.00019	.042	.069	.028	.0031
%RSD	2.1515	2.9480	.15785	.19068	.07289	.04811	.07517
#1	.00973	.01674	.12102	21.930	94.800	58.461	4.0636
#2	.00943	.01746	.12075	21.989	94.897	58.500	4.0679
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00364	418.45	.04935	.00381	-.00045	.00097	.00002
SDev	.00060	1.21	.00081	.00052	.00098	.00048	.00001
%RSD	16.443	.28825	1.6436	13.587	216.74	49.705	30.599
#1	.00322	417.60	.04992	.00418	-.00114	.00063	.00001
#2	.00407	419.31	.04877	.00344	.00024	.00131	.00002
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00476	.00078	-.00036	.01987	.00016	.01297	.01850
SDev	.00020	.00262	.00132	.00008	.00100	.00068	.00003
%RSD	4.2187	337.89	362.83	.39524	624.29	5.2528	.13690
#1	.00461	.00263	-.00130	.01993	.00087	.01345	.01852
#2	.00490	-.00108	.00057	.01982	-.00055	.01248	.01848
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00928	.00050
SDev	.00223	.00024
%RSD	24.069	48.694
#1	.00770	.00068
#2	.01086	.00033
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2677	--	--	--	--	--	--
SDev	3.977476	--	--	--	--	--	--
%RSD	.1485706	--	--	--	--	--	--
#1	2674	--	--	--	--	--	--
#2	2680	--	--	--	--	--	--

Analysis Report 03/28/06 09:10:30 PM page 1

Method: TRACE2 Sample Name: AD613829 Operator: SW
Run Time: 03/28/06 21:05:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.6042	.00883	2.5961	.92739	.00044	147.16	-.00047
SDev	.0001	.00102	.0035	.00494	.00002	.13	.00030
%RSD	.00532	11.530	.13660	.53284	4.8093	.08816	64.490
#1	1.6043	.00955	2.5936	.93089	.00042	147.26	-.00069
#2	1.6042	.00811	2.5986	.92390	.00045	147.07	-.00026
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01331	.10162	.09956	31.186	38.414	62.617	2.1678
SDev	.00033	.00126	.00023	.035	.057	.050	.0023
%RSD	2.4903	1.2431	.23324	.11361	.14728	.07973	.10837
#1	.01307	.10072	.09939	31.161	38.454	62.652	2.1662
#2	.01354	.10251	.09972	31.211	38.374	62.582	2.1695
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21710	H953.03	.30230	.00641	.00414	.00490	.00274
SDev	.00097	.61	.00070	.00177	.00070	.00106	.00439
%RSD	.44649	.06384	.23075	27.673	16.959	21.627	160.28
#1	.21642	H953.46	.30181	.00766	.00464	.00565	-.00037
#2	.21779	H952.60	.30279	.00515	.00365	.00415	.00584
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00075	.00557	.00132	.02021	.00026	.04470	.35511
SDev	.00422	.00490	.00413	.00065	.00220	.00031	.00055
%RSD	563.66	87.905	312.98	3.2027	829.54	.68380	.15452
#1	-.00223	.00211	-.00160	.01975	.00182	.04448	.35549
#2	.00373	.00904	.00424	.02066	-.00129	.04492	.35472
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00351	.00033
SDev	.00001	.00028
%RSD	.26607	85.678
#1	.00351	.00013
#2	.00352	.00053
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2639	--	--	--	--	--	--
SDev	12.14459	--	--	--	--	--	--
%RSD	.4601336	--	--	--	--	--	--
#1	2648	--	--	--	--	--	--
#2	2631	--	--	--	--	--	--

Analysis Report 03/28/06 09:15:21 PM page 1

Method: TRACE2 Sample Name: AD613830 Operator: SW
Run Time: 03/28/06 21:10:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06303	.00517	5.8190	1.1071	.00024	72.429	-.00035
SDev	.00054	.00093	.0049	.0017	.00002	.018	.00007
%RSD	.86112	17.902	.08406	.15210	6.9831	.02553	20.851
#1	.06264	.00451	5.8155	1.1083	.00025	72.416	-.00040
#2	.06341	.00582	5.8224	1.1059	.00023	72.442	-.00030
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00161	.00865	.05659	.57752	146.30	62.808	.29063
SDev	.00034	.00061	.00024	.00563	.18	.084	.00056
%RSD	21.287	7.0959	.41897	.97473	.12463	.13361	.19115
#1	.00137	.00822	.05675	.57354	146.17	62.749	.29024
#2	.00185	.00908	.05642	.58150	146.43	62.867	.29103
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01483	569.19	.04550	.00918	.00623	.00721	-.00115
SDev	.00007	1.62	.00002	.00037	.00111	.00061	.00059
%RSD	.50533	.28503	.03773	4.0469	17.746	8.5072	51.622
#1	.01477	568.04	.04549	.00944	.00545	.00678	-.00157
#2	.01488	570.34	.04552	.00892	.00701	.00765	-.00073
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	.00101	-.00222	.00288	-.00149	.00673	.05544
SDev	.00211	.00271	.00225	.00014	.00017	.00007	.00011
%RSD	980.41	269.59	100.97	4.8608	11.515	.99418	.20357
#1	.00171	.00293	-.00381	.00278	-.00162	.00668	.05536
#2	-.00128	-.00091	-.00064	.00298	-.00137	.00678	.05552
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00367	.00003
SDev	.00029	.00042
%RSD	7.9373	1245.9
#1	.00388	-.00026
#2	.00347	.00033
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2688	--	--	--	--	--	--
SDev	9.970275	--	--	--	--	--	--
%RSD	.3708972	--	--	--	--	--	--
#1	2681	--	--	--	--	--	--
#2	2695	--	--	--	--	--	--

Analysis Report 03/28/06 09:20:12 PM page 1

Method: TRACE2 Sample Name: AD613831 Operator: SW
Run Time: 03/28/06 21:15:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02283	.00169	.64862	.12572	.00025	174.95	-.00070
SDev	.00175	.00108	.00012	.00021	.00001	.42	.00011
%RSD	7.6703	63.920	.01840	.17074	4.6157	.24153	15.125
#1	.02406	.00092	.64854	.12557	.00024	174.65	-.00077
#2	.02159	.00245	.64871	.12587	.00026	175.25	-.00062
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00014	-.00029	.03527	28.551	6.5714	53.280	2.7798
SDev	.00000	.00000	.00020	.040	.0072	.074	.0030
%RSD	.56799	.01402	.56954	.14020	.10928	.13930	.10655
#1	-.00014	-.00029	.03513	28.523	6.5765	53.228	2.7777
#2	-.00014	-.00029	.03541	28.579	6.5663	53.333	2.7819
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00620	26.849	.00253	.00492	.00041	.00191	-.00038
SDev	.00037	.110	.00022	.00094	.00090	.00091	.00158
%RSD	5.9583	.41120	8.5348	19.156	220.10	47.865	411.75
#1	.00646	26.927	.00238	.00558	.00105	.00256	.00073
#2	.00594	26.771	.00269	.00425	-.00023	.00126	-.00150
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00236	-.00101	-.00007	.00069	.00307	.00113	.02670
SDev	.00162	.00319	.00077	.00015	.00049	.00000	.00013
%RSD	68.403	316.46	1094.6	22.156	15.854	.11522	.50227
#1	.00122	.00125	.00047	.00080	.00272	.00113	.02661
#2	.00351	-.00326	-.00061	.00058	.00341	.00114	.02680
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00133	.00029
SDev	.00051	.00081
%RSD	38.431	275.85
#1	.00169	-.00028
#2	.00097	.00086
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2720	--	--	--	--	--	--
SDev	2.757820	--	--	--	--	--	--
%RSD	.1013951	--	--	--	--	--	--
#1	2722	--	--	--	--	--	--
#2	2718	--	--	--	--	--	--

Analysis Report 03/28/06 09:25:03 PM page 1

Method: TRACE2 Sample Name: AD613832 Operator: SW
Run Time: 03/28/06 21:20:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11947	.48967	1.0377	2.9441	.00079	202.34	L-.00676
SDev	.00156	.00258	.0040	.0052	.00003	.04	.00010
%RSD	1.3025	.52659	.38597	.17622	3.1135	.02083	1.4731
#1	.12057	.49149	1.0348	2.9405	.00080	202.31	L-.00669
#2	.11837	.48785	1.0405	2.9478	.00077	202.37	L-.00683
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00815	.31230	.00282	442.07	48.142	58.223	3.2720
SDev	.00046	.00050	.00024	.30	.014	.035	.0014
%RSD	5.5803	.15955	8.4888	.06866	.02852	.06097	.04243
#1	.00847	.31265	.00299	442.28	48.132	58.248	3.2730
#2	.00783	.31194	.00265	441.85	48.152	58.198	3.2710
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01277	106.84	.16743	.00249	-.00274	-.00100	.00048
SDev	.00035	.18	.00009	.00300	.00219	.00046	.00199
%RSD	2.7068	.16527	.05146	120.73	79.960	46.120	411.26
#1	.01253	106.71	.16737	.00461	-.00429	-.00132	-.00092
#2	.01302	106.96	.16749	.00036	-.00119	-.00067	.00189
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17799	-.00274	.00210	.00718	-.00215	.02207	.00625
SDev	.00025	.00860	.00132	.00011	.00078	.00069	.00005
%RSD	.13902	313.55	62.831	1.5391	36.167	3.1132	.71936
#1	.17817	-.00882	.00303	.00725	-.00269	.02255	.00622
#2	.17782	.00334	.00116	.00710	-.00160	.02158	.00629
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00788	.00006
SDev	.00132	.00024
%RSD	16.737	407.17
#1	.00881	.00023
#2	.00694	-.00011
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2689	--	--	--	--	--	--
SDev	11.03093	--	--	--	--	--	--
%RSD	.4101596	--	--	--	--	--	--
#1	2682	--	--	--	--	--	--
#2	2697	--	--	--	--	--	--

Analysis Report 03/28/06 09:29:53 PM page 1

Method: TRACE2 Sample Name: AD613833 Operator: SW
Run Time: 03/28/06 21:25:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04902	.02046	28.347	1.4595	.00086	396.39	.00284
SDev	.00667	.00186	.013	.0032	.00001	.63	.00006
%RSD	13.599	9.0760	.04509	.21855	1.2520	.15999	2.2091
#1	.05373	.02177	28.338	1.4572	.00086	395.94	.00288
#2	.04430	.01914	28.356	1.4617	.00085	396.84	.00279
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07156	.13601	.19393	2.4986	C.00000	244.37	3.0071
SDev	.00036	.00032	.00028	.0135	.00000	.18	.0002
%RSD	.50782	.23855	.14363	.53889	.00000	.07175	.00589
#1	.07181	.13624	.19412	2.5081	C.00000	244.25	3.0070
#2	.07130	.13579	.19373	2.4891	C.00000	244.49	3.0073
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17505	H2668.7	1.1656	.01311	.01046	.01134	.00703
SDev	.00049	2.0	.0005	.00130	.00131	.00044	.00053
%RSD	.27734	.07525	.03896	9.9368	12.483	3.8532	7.5407
#1	.17471	H2667.2	1.1652	.01219	.01138	.01165	.00740
#2	.17540	H2670.1	1.1659	.01403	.00954	.01103	.00665
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01934	.01350	.00379	.00738	-.00229	.00495	.14080
SDev	.00065	.00119	.00020	.00013	.00047	.00023	.00025
%RSD	3.3872	8.8395	5.2265	1.8113	20.607	4.5877	.17982
#1	.01980	.01435	.00393	.00728	-.00196	.00511	.14098
#2	.01887	.01266	.00365	.00747	-.00263	.00479	.14062
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00676	.00035
SDev	.00277	.00014
%RSD	40.963	39.478
#1	.00871	.00025
#2	.00480	.00045
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2365	--	--	--	--	--	--
SDev	6.257964	--	--	--	--	--	--
%RSD	.2645766	--	--	--	--	--	--
#1	2361	--	--	--	--	--	--
#2	2370	--	--	--	--	--	--

Analysis Report 03/28/06 09:34:44 PM page 1

Method: TRACE2 Sample Name: AD613834 Operator: SW
Run Time: 03/28/06 21:29:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.1427	.08822	4.5857	1.0452	.00057	134.07	-.00065
SDev	.0043	.00067	.0056	.0007	.00001	.14	.00002
%RSD	.13695	.75632	.12257	.07053	1.9626	.10780	3.6944
#1	3.1457	.08869	4.5897	1.0447	.00056	133.96	-.00063
#2	3.1397	.08775	4.5817	1.0457	.00057	134.17	-.00067
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01213	.02415	.84033	69.944	93.350	86.484	.60319
SDev	.00015	.00005	.00018	.014	.082	.010	.00009
%RSD	1.2405	.21541	.02106	.02000	.08746	.01132	.01426
#1	.01202	.02419	.84021	69.934	93.408	86.477	.60325
#2	.01223	.02411	.84046	69.954	93.292	86.491	.60313
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00731	412.59	.07139	.01607	.01221	.01350	-.00294
SDev	.00068	.08	.00016	.00132	.00157	.00061	.00252
%RSD	9.3385	.02052	.22669	8.2048	12.887	4.5241	85.582
#1	.00779	412.65	.07150	.01700	.01110	.01307	-.00472
#2	.00683	412.53	.07128	.01514	.01333	.01393	-.00116
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01878	-.00123	-.00380	.27687	-.00097	.06164	1.7307
SDev	.00009	.00355	.00200	.00133	.00241	.00048	.0025
%RSD	.48445	288.34	52.683	.47864	247.62	.78496	.14612
#1	.01885	-.00374	-.00521	.27780	.00073	.06198	1.7289
#2	.01872	.00128	-.00238	.27593	-.00267	.06130	1.7325
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.01060	.00037
SDev	.00374	.00043
%RSD	35.238	117.59
#1	.01324	.00067
#2	.00796	.00006
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2720	--	--	--	--	--	--
SDev	.8486662	--	--	--	--	--	--
%RSD	.0311998	--	--	--	--	--	--
#1	2720	--	--	--	--	--	--
#2	2721	--	--	--	--	--	--

Analysis Report QC Standard 03/28/06 09:40:54 PM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 03/28/06 21:36:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	26.354	.52840	.52111	Q.57908	.52031	27.007	.50088
SDev	.231	.00472	.00379	.00314	.00372	.167	.00454
%RSD	.87842	.89405	.72788	.54238	.71487	.61674	.90675
#1	26.518	.53174	.52379	Q.58130	.52294	27.125	.50409
#2	26.190	.52506	.51843	Q.57686	.51768	26.890	.49767
Errors	QC Pass	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49753	.49758	Q.56020	24.840	25.965	25.412	.50281
SDev	.00493	.00331	.00410	.227	.188	.185	.00365
%RSD	.99136	.66611	.73145	.91401	.72393	.72805	.72539
#1	.50102	.49992	Q.56310	25.001	26.098	25.543	.50539
#2	.49404	.49523	Q.55731	24.680	25.832	25.281	.50023
Errors	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51007	26.562	.52422	.50201	.53655	.52504	.52128
SDev	.00301	.240	.00270	.00040	.00384	.00269	.00669
%RSD	.59093	.90411	.51605	.07931	.71516	.51272	1.2832
#1	.51220	26.732	.52613	.50229	.53926	.52695	.52601
#2	.50794	26.392	.52230	.50172	.53383	.52314	.51655
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53013	.51013	.52687	Q.55592	.52727	.52201	.50566
SDev	.00418	.00734	.00637	.00392	.00087	.00359	.00402
%RSD	.78829	1.4380	1.2084	.70471	.16502	.68828	.79560
#1	.53308	.51532	.53137	Q.55869	.52788	.52455	.50851
#2	.52717	.50494	.52236	Q.55315	.52665	.51947	.50282
Errors	QC Pass	NOCHECK	NOCHECK	QC Fail	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.52570	.53329
SDev	.00410	.00430
%RSD	.77955	.80662
#1	.52860	.53633
#2	.52280	.53025
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2725	--	--	--	--	--	--
SDev	21.63754	--	--	--	--	--	--
%RSD	.7941546	--	--	--	--	--	--
#1	2709	--	--	--	--	--	--
#2	2740	--	--	--	--	--	--

Analysis Report Blank Sample 03/28/06 09:45:46 PM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 03/28/06 21:40:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01766	-.00073	.01816	.00013	.00023	-.00192	-.00024
SDev	.00065	.00128	.00085	.00001	.00001	.00111	.00005
%RSD	3.6712	176.59	4.6981	5.3411	4.8223	58.062	21.047
#1	.01812	.00018	.01877	.00012	.00022	-.00270	-.00027
#2	.01720	-.00163	.01756	.00013	.00024	-.00113	-.00020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00013	.00011	-.00298	.01636	.00971	.01004	.00019
SDev	.00030	.00018	.00001	.00773	.01064	.00173	.00002
%RSD	226.53	167.74	.29936	47.267	109.58	17.272	11.273
#1	-.00035	-.00002	-.00298	.01089	.01724	.01127	.00017
#2	.00008	.00023	-.00297	.02183	.00219	.00882	.00020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00043	.18865	.00057	.00195	-.00055	.00028	-.00152
SDev	.00020	.13031	.00012	.00120	.00010	.00047	.00168
%RSD	46.964	69.077	20.598	61.378	18.263	163.55	110.24
#1	.00057	.09650	.00066	.00280	-.00048	.00061	-.00271
#2	.00029	.28079	.00049	.00110	-.00062	-.00004	-.00034
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00201	-.00364	-.00046	.00048	.00051	.00036	.00033
SDev	.00264	.00196	.00154	.00001	.00054	.00028	.00032
%RSD	131.37	53.723	331.97	.96748	105.11	78.460	95.784
#1	.00014	-.00503	-.00155	.00048	.00089	.00016	.00055
#2	.00387	-.00226	.00063	.00048	.00013	.00056	.00011
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00158	-.00006
SDev	.00026	.00028
%RSD	16.219	447.93
#1	.00140	.00013
#2	.00176	-.00026
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2708	--	--	--	--	--	--
SDev	5.568466	--	--	--	--	--	--
%RSD	.2056539	--	--	--	--	--	--
#1	2712	--	--	--	--	--	--
#2	2704	--	--	--	--	--	--

Analysis Report 03/29/06 07:03:33 AM page 1

STL Buffalo Analyst: AK Date: 3-29-06 Secondary Review: TWS Date: 3/29/06
Spikes: 5-MDL-18, 1-MDL-5, 6-138-E, 6-090-F, 2-MDL-17
Pippettes: 02-10-06-(1-12), 03-17-06-(13)

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	STD BLK 7-015-A	A032806	TRACE2	03/28/06	14:22		X	IR
2	STD 1 7-019-C	A032806	TRACE2	03/28/06	14:27		X	IR
3	STD 2 7-019-D	A032806	TRACE2	03/28/06	14:31		X	IR
4	STD 3 7-019-B	A032806	TRACE2	03/28/06	14:36		X	IR
5	STD 3 VER ↓	A032806	TRACE2	03/28/06	14:41	SW	B	CONC
6	ICV 7-019-E	A032806	TRACE2	03/28/06	14:45	SW	Q	CONC
7	ICV ↓	A032806	TRACE2	03/28/06	15:04	SW	Q	CONC
8	ICB 7-015-A	A032806	TRACE2	03/28/06	15:09	SW	B	CONC
9	CRI 7-006-A	A032806	TRACE2	03/28/06	15:14	SW	B	CONC
10	ICSA 7-018-B	A032806	TRACE2	03/28/06	15:19	SW	Q	CONC
11	ICSAB 7-012-C	A032806	TRACE2	03/28/06	15:23	SW	Q	CONC
12	CCV 7-015-F	A032806	TRACE2	03/28/06	15:30	SW	Q	CONC
13	CCB 7-015-A	A032806	TRACE2	03/28/06	15:34	SW	B	CONC
14	AD613906/PB	A032806	TRACE2	03/28/06	15:39	SW	S	CONC
15	AD613905/FB	A032806	TRACE2	03/28/06	15:44	SW	S	CONC
16	AD613902	A032806	TRACE2	03/28/06	15:49	SW	S	CONC
17	AD613902/L (1:5)	A032806	TRACE2	03/28/06	15:54	SW	S	CONC
18	AD613902/PS	A032806	TRACE2	03/28/06	15:59	SW	S	CONC
19	AD613903/MD	A032806	TRACE2	03/28/06	16:03	SW	S	CONC
20	AD613904/MS	A032806	TRACE2	03/28/06	16:17	SW	S	CONC
21	CRI	A032806	TRACE2	03/28/06	16:23	SW	B	CONC
22	ICSA	A032806	TRACE2	03/28/06	16:28	SW	Q	CONC
23	ICSAB	A032806	TRACE2	03/28/06	16:33	SW	Q	CONC
24	CCV	A032806	TRACE2	03/28/06	16:39	SW	Q	CONC
25	CCB	A032806	TRACE2	03/28/06	16:44	SW	B	CONC
26	AD613915/PB	A032806	TRACE2	03/28/06	16:48	SW	S	CONC
27	AD613914/FB	A032806	TRACE2	03/28/06	16:53	SW	S	CONC
28	AD613907 3083	A032806	TRACE2	03/28/06	16:58	SW	S	CONC
29	AD613908	A032806	TRACE2	03/28/06	17:03	SW	S	CONC
30	AD613909	A032806	TRACE2	03/28/06	17:08	SW	S	CONC
31	AD613909/L (1:5)	A032806	TRACE2	03/28/06	17:13	SW	S	CONC
32	AD613909/PS	A032806	TRACE2	03/28/06	17:17	SW	S	CONC
33	AD613910/MS	A032806	TRACE2	03/28/06	17:22	SW	S	CONC
34	AD613911/SD	A032806	TRACE2	03/28/06	17:27	SW	S	CONC
35	AD613912	A032806	TRACE2	03/28/06	17:32	SW	S	CONC
36	CCV	A032806	TRACE2	03/28/06	17:38	SW	Q	CONC
37	CCB	A032806	TRACE2	03/28/06	17:43	SW	B	CONC
38	AD613913 3134	A032806	TRACE2	03/28/06	17:48	SW	S	CONC
39	AD613881/PB	A032806	TRACE2	03/28/06	17:53	SW	S	CONC
40	AD613880/FB	A032806	TRACE2	03/28/06	17:57	SW	S	CONC
41	AD613862 3087	A032806	TRACE2	03/28/06	18:02	SW	S	CONC
42	AD613863	A032806	TRACE2	03/28/06	18:07	SW	S	CONC
43	AD613864	A032806	TRACE2	03/28/06	18:12	SW	S	CONC
44	AD613865 3145	A032806	TRACE2	03/28/06	18:17	SW	S	CONC
45	AD613866	A032806	TRACE2	03/28/06	18:22	SW	S	CONC
46	AD613867	A032806	TRACE2	03/28/06	18:26	SW	S	CONC
47	AD613868	A032806	TRACE2	03/28/06	18:31	SW	S	CONC
48	CCV	A032806	TRACE2	03/28/06	18:37	SW	Q	CONC
49	CCB	A032806	TRACE2	03/28/06	18:42	SW	B	CONC
50	AD613869	A032806	TRACE2	03/28/06	18:47	SW	S	CONC

Analysis Report Summary 03/29/06 07:03:33 AM page 2

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
51	AD613869/L (1:5) 3145	A032806	TRACE2	03/28/06	18:52	SW	S	CONC
52	AD613869/PS	A032806	TRACE2	03/28/06	18:57	SW	S	CONC
53	AD613870/MS	A032806	TRACE2	03/28/06	19:02	SW	S	CONC
54	AD613871/SD	A032806	TRACE2	03/28/06	19:06	SW	S	CONC
55	AD613872	A032806	TRACE2	03/28/06	19:11	SW	S	CONC
56	AD613873	A032806	TRACE2	03/28/06	19:16	SW	S	CONC
57	AD613874	A032806	TRACE2	03/28/06	19:21	SW	S	CONC
58	AD613875	A032806	TRACE2	03/28/06	19:26	SW	S	CONC
59	AD613876	A032806	TRACE2	03/28/06	19:31	SW	S	CONC
60	CCV	A032806	TRACE2	03/28/06	19:37	SW	Q	CONC
61	CCB	A032806	TRACE2	03/28/06	19:42	SW	B	CONC
62	AD613877	A032806	TRACE2	03/28/06	19:46	SW	S	CONC
63	AD613878	A032806	TRACE2	03/28/06	19:51	SW	S	CONC
64	AD613879 3149	A032806	TRACE2	03/28/06	19:56	SW	S	CONC
65	AD613841/PB	A032806	TRACE2	03/28/06	20:01	SW	S	CONC
66	AD613840/FB	A032806	TRACE2	03/28/06	20:06	SW	S	CONC
67	AD613822 3112	A032806	TRACE2	03/28/06	20:11	SW	S	CONC
68	AD613823	A032806	TRACE2	03/28/06	20:15	SW	S	CONC
69	AD613824	A032806	TRACE2	03/28/06	20:20	SW	S	CONC
70	AD613824/L (1:5)	A032806	TRACE2	03/28/06	20:25	SW	S	CONC
71	AD613824/PS	A032806	TRACE2	03/28/06	20:30	SW	S	CONC
72	CCV	A032806	TRACE2	03/28/06	20:36	SW	Q	CONC
73	CCB	A032806	TRACE2	03/28/06	20:41	SW	B	CONC
74	AD613825/MS	A032806	TRACE2	03/28/06	20:46	SW	S	CONC
75	AD613826/SD	A032806	TRACE2	03/28/06	20:51	SW	S	CONC
76	AD613827	A032806	TRACE2	03/28/06	20:56	SW	S	CONC
77	AD613828	A032806	TRACE2	03/28/06	21:00	SW	S	CONC
78	AD613829	A032806	TRACE2	03/28/06	21:05	SW	S	CONC
79	AD613830	A032806	TRACE2	03/28/06	21:10	SW	S	CONC
80	AD613831	A032806	TRACE2	03/28/06	21:15	SW	S	CONC
81	AD613832	A032806	TRACE2	03/28/06	21:20	SW	S	CONC
82	AD613833	A032806	TRACE2	03/28/06	21:25	SW	S	CONC
83	AD613834	A032806	TRACE2	03/28/06	21:29	SW	S	CONC
84	CCV	A032806	TRACE2	03/28/06	21:36	SW	Q	CONC
85	CCB	A032806	TRACE2	03/28/06	21:40	SW	B	CONC
86	STD BLK	A032806	TRACE2	03/28/06	21:50		X	IR
87	STD 1	A032806	TRACE2	03/28/06	21:55		X	IR
88	STD 2	A032806	TRACE2	03/28/06	21:59		X	IR
89	STD 3	A032806	TRACE2	03/28/06	22:04		X	IR
90	STD 3 VER	A032806	TRACE2	03/28/06	22:09	SW	B	CONC
91	ICV	A032806	TRACE2	03/28/06	22:13	SW	Q	CONC
92	ICB	A032806	TRACE2	03/28/06	22:18	SW	B	CONC
93	CRI	A032806	TRACE2	03/28/06	22:23	SW	B	CONC
94	ICSA	A032806	TRACE2	03/28/06	22:28	SW	Q	CONC
95	ICSAB	A032806	TRACE2	03/28/06	22:33	SW	Q	CONC
96	CCV	A032806	TRACE2	03/28/06	22:39	SW	Q	CONC
97	CCB	A032806	TRACE2	03/28/06	22:44	SW	B	CONC
98	AD613835 3143	A032806	TRACE2	03/28/06	22:49	SW	S	CONC
99	AD613836	A032806	TRACE2	03/28/06	22:53	SW	S	CONC
100	AD613837	A032806	TRACE2	03/28/06	22:58	SW	S	CONC
101	AD613838	A032806	TRACE2	03/28/06	23:03	SW	S	CONC
102	AD613839	A032806	TRACE2	03/28/06	23:08	SW	S	CONC
103	AD613781/PB	A032806	TRACE2	03/28/06	23:13	SW	S	CONC
104	AD613780/FB	A032806	TRACE2	03/28/06	23:18	SW	S	CONC

Analysis Report Summary 03/29/06 07:03:33 AM page 3

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
105	AD613761 3117	A032806	TRACE2	03/28/06	23:22	SW	S	CONC
106	AD613762	A032806	TRACE2	03/28/06	23:27	SW	S	CONC
107	AD613763	A032806	TRACE2	03/28/06	23:32	SW	S	CONC
108	CCV	A032806	TRACE2	03/28/06	23:38	SW	Q	CONC
109	CCB	A032806	TRACE2	03/28/06	23:43	SW	B	CONC
110	AD613764	A032806	TRACE2	03/28/06	23:48	SW	S	CONC
111	AD613765	A032806	TRACE2	03/28/06	23:53	SW	S	CONC
112	AD613765/L (1:5)	A032806	TRACE2	03/28/06	23:58	SW	S	CONC
113	AD613765/PS	A032806	TRACE2	03/29/06	00:03	SW	S	CONC
114	AD613766/MS	A032806	TRACE2	03/29/06	00:07	SW	S	CONC
115	AD613767/SD	A032806	TRACE2	03/29/06	00:12	SW	S	CONC
116	AD613768	A032806	TRACE2	03/29/06	00:17	SW	S	CONC
117	AD613769	A032806	TRACE2	03/29/06	00:22	SW	S	CONC
118	AD613770	A032806	TRACE2	03/29/06	00:27	SW	S	CONC
119	AD613771	A032806	TRACE2	03/29/06	00:32	SW	S	CONC
120	CCV	A032806	TRACE2	03/29/06	00:38	SW	Q	CONC
121	CCB	A032806	TRACE2	03/29/06	00:43	SW	B	CONC
122	AD613772	A032806	TRACE2	03/29/06	00:48	SW	S	CONC
123	AD613773	A032806	TRACE2	03/29/06	00:52	SW	S	CONC
124	AD613774	A032806	TRACE2	03/29/06	00:57	SW	S	CONC
125	AD613775	A032806	TRACE2	03/29/06	01:02	SW	S	CONC
126	AD613776	A032806	TRACE2	03/29/06	01:07	SW	S	CONC
127	AD613777 ~~3099~~ AK 32906	A032806	TRACE2	03/29/06	01:12	SW	S	CONC
128	AD613778	A032806	TRACE2	03/29/06	01:17	SW	S	CONC
129	AD613779	A032806	TRACE2	03/29/06	01:22	SW	S	CONC
130	AD613477 3025	A032806	TRACE2	03/29/06	01:26	SW	S	CONC
131	AD613478	A032806	TRACE2	03/29/06	01:31	SW	S	CONC
132	CCV	A032806	TRACE2	03/29/06	01:38	SW	Q	CONC
133	CCB	A032806	TRACE2	03/29/06	01:42	SW	B	CONC
134	AD613483 3025	A032806	TRACE2	03/29/06	01:47	SW	S	CONC
135	AD613484	A032806	TRACE2	03/29/06	01:52	SW	S	CONC
136	AD613485	A032806	TRACE2	03/29/06	01:57	SW	S	CONC
137	AD613504/(1:10) 3120	A032806	TRACE2	03/29/06	02:02	SW	S	CONC
138	AD613179 2909	A032806	TRACE2	03/29/06	02:07	SW	S	CONC
139	A6290910/R	A032806	TRACE2	03/29/06	02:12	SW	S	CONC
140	AD613155 2971	A032806	TRACE2	03/29/06	02:16	SW	S	CONC
141	A6297102/R	A032806	TRACE2	03/29/06	02:21	SW	S	CONC
142	CCV	A032806	TRACE2	03/29/06	02:28	SW	Q	CONC
143	CCB	A032806	TRACE2	03/29/06	02:32	SW	B	CONC

Curvefit Fit Status Summary 01/12/06 03:41:11 PM

Method: TRACE2
Mode: Concentration
Standards Table: NAKCAMG
Data File: BJAN1206

Element	Wavelength	Date-of-Fit	Type-of-Fit	Correlation
Ca3179	317.933	01/12/06 03:36	Full Fit	.999981
K_7664	766.491	01/12/06 03:36	Full Fit	.999890
Mg2790	279.078	01/12/06 03:37	Full Fit	.999973
Na3302	330.232	01/12/06 03:37	Full Fit	.999769

Calibration Report 01/12/06 03:09:02 PM page 1

Method: TRACE2 Standard Name: STD BLK Operator:
Run Time: 01/12/06 15:06:01
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	.0187368	-.013323	.0131973	.0092251
SDev	.0000522	.014416	.0025729	.0009780
%RSD	.2785264	108.2074	19.49542	10.60165
#1	.0187737	-.003129	.0113780	.0085335
#2	.0186999	-.023517	.0150166	.0099166
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3522	--	--	--	--	--	--
SDev	9.811107	--	--	--	--	--	--
%RSD	.2785278	--	--	--	--	--	--
#1	3516	--	--	--	--	--	--
#2	3529	--	--	--	--	--	--

Calibration Report

01/12/06 03:12:37 PM

Method: TRACE2 Standard Name: STD 1
Run Time: 01/12/06 15:09:37 Operator:
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	4.139975	7.338139	8.180307	.3290854
SDev	.014799	.039449	.028677	.0063283
%RSD	.3574726	.5375855	.3505662	1.923005
#1	4.150439	7.366034	8.200585	.3246106
#2	4.129510	7.310245	8.160029	.3335602
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3533	--	--	--	--	--	--
SDev	9.917276	--	--	--	--	--	--
%RSD	.2807349	--	--	--	--	--	--
#1	3540	--	--	--	--	--	--
#2	3526	--	--	--	--	--	--

Calibration Report 01/12/06 03:16:42 PM

Method: TRACE2 Standard Name: STD 2 Operator:
Run Time: 01/12/06 15:13:42
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	20.09482	33.58319	40.76353	1.591690
SDev	.02826	.08707	.03667	.011993
%RSD	.1406230	.2592807	.0899606	.7534580
#1	20.07484	33.64476	40.73760	1.600170
#2	20.11480	33.52162	40.78946	1.583210
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3509	--	--	--	--	--	--
SDev	16.65240	--	--	--	--	--	--
%RSD	.4745490	--	--	--	--	--	--
#1	3521	--	--	--	--	--	--
#2	3497	--	--	--	--	--	--

Calibration Report 01/12/06 03:20:30 PM

Method: TRACE2 Standard Name: STD 3 Operator:
Run Time: 01/12/06 15:17:30
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	40.33597	67.84751	83.22988	3.438724
SDev	.01648	.04579	.02288	.001151
%RSD	.0408663	.0674911	.0274958	.0334603
#1	40.32431	67.87989	83.21370	3.439537
#2	40.34763	67.81513	83.24606	3.437910
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3465	--	--	--	--	--	--
SDev	2.598652	--	--	--	--	--	--
%RSD	.0750077	--	--	--	--	--	--
#1	3463	--	--	--	--	--	--
#2	3466	--	--	--	--	--	--

Calibration Report 01/12/06 03:24:29 PM

Method: TRACE2 Standard Name: NAKCAMG100 Operator:
Run Time: 01/12/06 15:21:30
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	78.86287	127.0746	167.8150	7.177074
SDev	.04026	.3672	.0498	.016800
%RSD	.0510524	.2889405	.0296912	.2340797
#1	78.89134	126.8149	167.8502	7.165195
#2	78.83440	127.3342	167.7798	7.188953
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3426	--	--	--	--	--	--
SDev	4.295639	--	--	--	--	--	--
%RSD	.1253794	--	--	--	--	--	--
#1	3423	--	--	--	--	--	--
#2	3429	--	--	--	--	--	--

Calibration Report 01/12/06 03:28:33 PM

Method: TRACE2 Standard Name: NAKCAMG400 Operator:
Run Time: 01/12/06 15:25:33
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	287.0898	413.3951	689.8328	32.30347
SDev	.8149	.4500	1.6912	.07109
%RSD	.2838392	.1088577	.2451552	.2200606
#1	287.6660	413.7133	691.0286	32.35374
#2	286.5136	413.0769	688.6370	32.25321
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3251	--	--	--	--	--	--
SDev	8.379285	--	--	--	--	--	--
%RSD	.2577726	--	--	--	--	--	--
#1	3245	--	--	--	--	--	--
#2	3257	--	--	--	--	--	--

Analysis Report Summary 03/29/06 07:03:50 AM page 1

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	A6290910/R	A032806	TRACE2	03/29/06	02:12	SW	S	CONC
2	A6297102/R	A032806	TRACE2	03/29/06	02:21	SW	S	CONC
3	AD613155	A032806	TRACE2	03/29/06	02:16	SW	S	CONC
4	AD613179	A032806	TRACE2	03/29/06	02:07	SW	S	CONC
5	AD613477	A032806	TRACE2	03/29/06	01:26	SW	S	CONC
6	AD613478	A032806	TRACE2	03/29/06	01:31	SW	S	CONC
7	AD613483	A032806	TRACE2	03/29/06	01:47	SW	S	CONC
8	AD613484	A032806	TRACE2	03/29/06	01:52	SW	S	CONC
9	AD613485	A032806	TRACE2	03/29/06	01:57	SW	S	CONC
10	AD613504/(1:10)	A032806	TRACE2	03/29/06	02:02	SW	S	CONC
11	AD613761	A032806	TRACE2	03/28/06	23:22	SW	S	CONC
12	AD613762	A032806	TRACE2	03/28/06	23:27	SW	S	CONC
13	AD613763	A032806	TRACE2	03/28/06	23:32	SW	S	CONC
14	AD613764	A032806	TRACE2	03/28/06	23:48	SW	S	CONC
15	AD613765	A032806	TRACE2	03/28/06	23:53	SW	S	CONC
16	AD613765/L (1:5)	A032806	TRACE2	03/28/06	23:58	SW	S	CONC
17	AD613765/PS	A032806	TRACE2	03/29/06	00:03	SW	S	CONC
18	AD613766/MS	A032806	TRACE2	03/29/06	00:07	SW	S	CONC
19	AD613767/SD	A032806	TRACE2	03/29/06	00:12	SW	S	CONC
20	AD613768	A032806	TRACE2	03/29/06	00:17	SW	S	CONC
21	AD613769	A032806	TRACE2	03/29/06	00:22	SW	S	CONC
22	AD613770	A032806	TRACE2	03/29/06	00:27	SW	S	CONC
23	AD613771	A032806	TRACE2	03/29/06	00:32	SW	S	CONC
24	AD613772	A032806	TRACE2	03/29/06	00:48	SW	S	CONC
25	AD613773	A032806	TRACE2	03/29/06	00:52	SW	S	CONC
26	AD613774	A032806	TRACE2	03/29/06	00:57	SW	S	CONC
27	AD613775	A032806	TRACE2	03/29/06	01:02	SW	S	CONC
28	AD613776	A032806	TRACE2	03/29/06	01:07	SW	S	CONC
29	AD613777	A032806	TRACE2	03/29/06	01:12	SW	S	CONC
30	AD613778	A032806	TRACE2	03/29/06	01:17	SW	S	CONC
31	AD613779	A032806	TRACE2	03/29/06	01:22	SW	S	CONC
32	AD613780/FB	A032806	TRACE2	03/28/06	23:18	SW	S	CONC
33	AD613781/PB	A032806	TRACE2	03/28/06	23:13	SW	S	CONC
34	AD613822	A032806	TRACE2	03/28/06	20:11	SW	S	CONC
35	AD613823	A032806	TRACE2	03/28/06	20:15	SW	S	CONC
36	AD613824	A032806	TRACE2	03/28/06	20:20	SW	S	CONC
37	AD613824/L (1:5)	A032806	TRACE2	03/28/06	20:25	SW	S	CONC
38	AD613824/PS	A032806	TRACE2	03/28/06	20:30	SW	S	CONC
39	AD613825/MS	A032806	TRACE2	03/28/06	20:46	SW	S	CONC
40	AD613826/SD	A032806	TRACE2	03/28/06	20:51	SW	S	CONC
41	AD613827	A032806	TRACE2	03/28/06	20:56	SW	S	CONC
42	AD613828	A032806	TRACE2	03/28/06	21:00	SW	S	CONC
43	AD613829	A032806	TRACE2	03/28/06	21:05	SW	S	CONC
44	AD613830	A032806	TRACE2	03/28/06	21:10	SW	S	CONC
45	AD613831	A032806	TRACE2	03/28/06	21:15	SW	S	CONC
46	AD613832	A032806	TRACE2	03/28/06	21:20	SW	S	CONC
47	AD613833	A032806	TRACE2	03/28/06	21:25	SW	S	CONC
48	AD613834	A032806	TRACE2	03/28/06	21:29	SW	S	CONC
49	AD613835	A032806	TRACE2	03/28/06	22:49	SW	S	CONC
50	AD613836	A032806	TRACE2	03/28/06	22:53	SW	S	CONC
51	AD613837	A032806	TRACE2	03/28/06	22:58	SW	S	CONC
52	AD613838	A032806	TRACE2	03/28/06	23:03	SW	S	CONC
53	AD613839	A032806	TRACE2	03/28/06	23:08	SW	S	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
54	AD613840/FB	A032806	TRACE2	03/28/06	20:06	SW	S	CONC
55	AD613841/PB	A032806	TRACE2	03/28/06	20:01	SW	S	CONC
56	AD613862	A032806	TRACE2	03/28/06	18:02	SW	S	CONC
57	AD613863	A032806	TRACE2	03/28/06	18:07	SW	S	CONC
58	AD613864	A032806	TRACE2	03/28/06	18:12	SW	S	CONC
59	AD613865	A032806	TRACE2	03/28/06	18:17	SW	S	CONC
60	AD613866	A032806	TRACE2	03/28/06	18:22	SW	S	CONC
61	AD613867	A032806	TRACE2	03/28/06	18:26	SW	S	CONC
62	AD613868	A032806	TRACE2	03/28/06	18:31	SW	S	CONC
63	AD613869	A032806	TRACE2	03/28/06	18:47	SW	S	CONC
64	AD613869/L (1:5)	A032806	TRACE2	03/28/06	18:52	SW	S	CONC
65	AD613869/PS	A032806	TRACE2	03/28/06	18:57	SW	S	CONC
66	AD613870/MS	A032806	TRACE2	03/28/06	19:02	SW	S	CONC
67	AD613871/SD	A032806	TRACE2	03/28/06	19:06	SW	S	CONC
68	AD613872	A032806	TRACE2	03/28/06	19:11	SW	S	CONC
69	AD613873	A032806	TRACE2	03/28/06	19:16	SW	S	CONC
70	AD613874	A032806	TRACE2	03/28/06	19:21	SW	S	CONC
71	AD613875	A032806	TRACE2	03/28/06	19:26	SW	S	CONC
72	AD613876	A032806	TRACE2	03/28/06	19:31	SW	S	CONC
73	AD613877	A032806	TRACE2	03/28/06	19:46	SW	S	CONC
74	AD613878	A032806	TRACE2	03/28/06	19:51	SW	S	CONC
75	AD613879	A032806	TRACE2	03/28/06	19:56	SW	S	CONC
76	AD613880/FB	A032806	TRACE2	03/28/06	17:57	SW	S	CONC
77	AD613881/PB	A032806	TRACE2	03/28/06	17:53	SW	S	CONC
78	AD613902	A032806	TRACE2	03/28/06	15:49	SW	S	CONC
79	AD613902/L (1:5)	A032806	TRACE2	03/28/06	15:54	SW	S	CONC
80	AD613902/PS	A032806	TRACE2	03/28/06	15:59	SW	S	CONC
81	AD613903/MD	A032806	TRACE2	03/28/06	16:03	SW	S	CONC
82	AD613904/MS	A032806	TRACE2	03/28/06	16:17	SW	S	CONC
83	AD613905/FB	A032806	TRACE2	03/28/06	15:44	SW	S	CONC
84	AD613906/PB	A032806	TRACE2	03/28/06	15:39	SW	S	CONC
85	AD613907	A032806	TRACE2	03/28/06	16:58	SW	S	CONC
86	AD613908	A032806	TRACE2	03/28/06	17:03	SW	S	CONC
87	AD613909	A032806	TRACE2	03/28/06	17:08	SW	S	CONC
88	AD613909/L (1:5)	A032806	TRACE2	03/28/06	17:13	SW	S	CONC
89	AD613909/PS	A032806	TRACE2	03/28/06	17:17	SW	S	CONC
90	AD613910/MS	A032806	TRACE2	03/28/06	17:22	SW	S	CONC
91	AD613911/SD	A032806	TRACE2	03/28/06	17:27	SW	S	CONC
92	AD613912	A032806	TRACE2	03/28/06	17:32	SW	S	CONC
93	AD613913	A032806	TRACE2	03/28/06	17:48	SW	S	CONC
94	AD613914/FB	A032806	TRACE2	03/28/06	16:53	SW	S	CONC
95	AD613915/PB	A032806	TRACE2	03/28/06	16:48	SW	S	CONC
96	CCB	A032806	TRACE2	03/28/06	15:34	SW	B	CONC
97	CCB	A032806	TRACE2	03/28/06	16:44	SW	B	CONC
98	CCB	A032806	TRACE2	03/28/06	17:43	SW	B	CONC
99	CCB	A032806	TRACE2	03/28/06	18:42	SW	B	CONC
100	CCB	A032806	TRACE2	03/28/06	19:42	SW	B	CONC
101	CCB	A032806	TRACE2	03/28/06	20:41	SW	B	CONC
102	CCB	A032806	TRACE2	03/28/06	21:40	SW	B	CONC
103	CCB	A032806	TRACE2	03/28/06	22:44	SW	B	CONC
104	CCB	A032806	TRACE2	03/28/06	23:43	SW	B	CONC
105	CCB	A032806	TRACE2	03/29/06	00:43	SW	B	CONC
106	CCB	A032806	TRACE2	03/29/06	01:42	SW	B	CONC
107	CCB	A032806	TRACE2	03/29/06	02:32	SW	B	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
108	CCV	A032806	TRACE2	03/28/06	15:30	SW	Q	CONC
109	CCV	A032806	TRACE2	03/28/06	16:39	SW	Q	CONC
110	CCV	A032806	TRACE2	03/28/06	17:38	SW	Q	CONC
111	CCV	A032806	TRACE2	03/28/06	18:37	SW	Q	CONC
112	CCV	A032806	TRACE2	03/28/06	19:37	SW	Q	CONC
113	CCV	A032806	TRACE2	03/28/06	20:36	SW	Q	CONC
114	CCV	A032806	TRACE2	03/28/06	21:36	SW	Q	CONC
115	CCV	A032806	TRACE2	03/28/06	22:39	SW	Q	CONC
116	CCV	A032806	TRACE2	03/28/06	23:38	SW	Q	CONC
117	CCV	A032806	TRACE2	03/29/06	00:38	SW	Q	CONC
118	CCV	A032806	TRACE2	03/29/06	01:38	SW	Q	CONC
119	CCV	A032806	TRACE2	03/29/06	02:28	SW	Q	CONC
120	CRI	A032806	TRACE2	03/28/06	15:14	SW	B	CONC
121	CRI	A032806	TRACE2	03/28/06	16:23	SW	B	CONC
122	CRI	A032806	TRACE2	03/28/06	22:23	SW	B	CONC
123	ICB	A032806	TRACE2	03/28/06	15:09	SW	B	CONC
124	ICB	A032806	TRACE2	03/28/06	22:18	SW	B	CONC
125	ICSA	A032806	TRACE2	03/28/06	15:19	SW	Q	CONC
126	ICSA	A032806	TRACE2	03/28/06	16:28	SW	Q	CONC
127	ICSA	A032806	TRACE2	03/28/06	22:28	SW	Q	CONC
128	ICSAB	A032806	TRACE2	03/28/06	15:23	SW	Q	CONC
129	ICSAB	A032806	TRACE2	03/28/06	16:33	SW	Q	CONC
130	ICSAB	A032806	TRACE2	03/28/06	22:33	SW	Q	CONC
131	ICV	A032806	TRACE2	03/28/06	14:45	SW	Q	CONC
132	ICV	A032806	TRACE2	03/28/06	15:04	SW	Q	CONC
133	ICV	A032806	TRACE2	03/28/06	22:13	SW	Q	CONC
134	STD 1	A032806	TRACE2	03/28/06	14:27		X	IR
135	STD 1	A032806	TRACE2	03/28/06	21:55		X	IR
136	STD 2	A032806	TRACE2	03/28/06	14:31		X	IR
137	STD 2	A032806	TRACE2	03/28/06	21:59		X	IR
138	STD 3	A032806	TRACE2	03/28/06	14:36		X	IR
139	STD 3	A032806	TRACE2	03/28/06	22:04		X	IR
140	STD 3 VER	A032806	TRACE2	03/28/06	14:41	SW	B	CONC
141	STD 3 VER	A032806	TRACE2	03/28/06	22:09	SW	B	CONC
142	STD BLK	A032806	TRACE2	03/28/06	14:22		X	IR
143	STD BLK	A032806	TRACE2	03/28/06	21:50		X	IR

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
1	A6290910/R	1.7119	.00386	.01695	.17669	.00010	255.23
2	A6297102/R	.13496	.00294	.16410	.03995	.00006	238.86
3	AD613155	1.4037	.00298	.17327	.05406	.00026	247.23
4	AD613179	1.7782	.00493	.01875	.18186	.00017	258.27
5	AD613477	21.613	.01619	.02994	.15790	.00115	280.31
6	AD613478	37.540	.03141	.04402	.28290	.00188	384.67
7	AD613483	84.423	.03922	.12718	.58483	.00485	371.50
8	AD613484	48.535	.02170	.04411	.31157	.00257	191.01
9	AD613485	320.48	.09965	.14570	2.0546	.01650	230.75
10	AD613504/(1:10)	.14971	.03332	.45441	.01823	.00010	10.167
11	AD613761	.01313	.00145	L-.00893	.00414	-.00001	6.6661
12	AD613762	.01034	.00037	.02555	.02465	.00008	69.313
13	AD613763	.01352	.00255	.39612	.01434	.00010	72.546
14	AD613764	.01124	.00142	.39885	.02521	.00010	96.205
15	AD613765	.01390	.00075	.00446	.04454	.00011	125.07
16	AD613765/L (1:5)	.00713	-.00120	-.00647	.00880	.00004	24.387
17	AD613765/PS	9.8834	.20083	.20120	.24591	.20157	130.53
18	AD613766/MS	10.258	.21047	.20204	.25662	.20691	134.56
19	AD613767/SD	10.097	.20492	.19980	.25335	.19959	130.12
20	AD613768	.01771	.00198	.07992	.03868	.00006	74.781
21	AD613769	.01630	-.00083	.24479	.03314	.00016	99.649
22	AD613770	.00684	.00032	.05513	.05398	.00011	107.73
23	AD613771	.01582	.00457	.19026	.03792	.00004	58.642
24	AD613772	.02343	.00417	.13425	.04633	.00003	55.397
25	AD613773	.00779	.00225	.14633	.08671	.00010	122.18
26	AD613774	.00800	.00053	.11259	.04885	.00009	138.98
27	AD613775	.00747	.00224	.00995	.02823	.00007	90.976
28	AD613776	.01836	.00082	.42790	.04884	.00008	76.130
29	AD613777	.00687	.00484	.05617	.06464	.00007	109.56
30	AD613778	.00927	.00257	.00331	.09129	.00006	88.155
31	AD613779	.01516	.00120	.23409	.02260	.00010	74.103
32	AD613780/FB	10.191	.20534	.19272	.21195	.20609	10.087
33	AD613781/PB	.01669	.00134	-.00713	-.00010	.00000	.02630
34	AD613822	.07560	.10867	16.096	1.6472	.00112	510.37
35	AD613823	.20227	.04141	.27319	.37763	.00032	67.518
36	AD613824	.03875	.02591	.37758	.16562	.00022	49.249
37	AD613824/L (1:5)	.01493	.00393	.07642	.03354	.00012	9.6619
38	AD613824/PS	10.245	.24006	.56917	.38885	.20792	58.773
39	AD613825/MS	10.571	.24147	.58076	.39899	.20978	60.458
40	AD613826/SD	10.590	.24332	.58065	.40204	.20958	60.558
41	AD613827	.01946	.00245	.52786	1.1373	.00027	61.426
42	AD613828	.03696	.01693	3.4605	.32433	.00038	173.41
43	AD613829	1.6042	.00882	2.5961	.92739	.00043	147.16
44	AD613830	.06302	.00516	5.8190	1.1071	.00024	72.429
45	AD613831	.02282	.00168	.64862	.12572	.00025	174.95
46	AD613832	.11946	.48967	1.0377	2.9441	.00078	202.34
47	AD613833	.04901	.02045	28.347	1.4595	.00085	396.39
48	AD613834	3.1427	.08821	4.5857	1.0452	.00056	134.07
49	AD613835	1.1633	.00277	.00058	.10698	.00014	63.298
50	AD613836	.02240	.00331	.02229	.91635	.00020	201.90
51	AD613837	.02138	.00393	.02181	.93078	.00021	218.24
52	AD613838	.05236	.00156	.04271	.85907	.00018	183.53
53	AD613839	.06174	.00076	.00597	.09294	.00015	164.93

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
54	AD613840/FB	10.465	.21409	.20149	H.23232	.20977	10.423
55	AD613841/PB	.01506	-.00198	.00220	.00011	.00002	.01613
56	AD613862	.01373	.02753	.03713	.42459	.00017	101.38
57	AD613863	.01223	-.00116	.09244	.06014	.00013	104.93
58	AD613864	.01661	.00012	.08876	.49332	.00010	76.822
59	AD613865	.25409	.00498	.12442	.16600	.00015	89.012
60	AD613866	.19272	.02673	.38421	.10959	.00011	54.390
61	AD613867	.08645	.00083	.02442	.27289	.00017	132.33
62	AD613868	.05447	-.00149	.00931	.07192	.00009	77.331
63	AD613869	.03387	-.00108	.00986	.31639	.00014	53.994
64	AD613869/L (1:5)	.01042	-.00022	.00188	.06329	.00009	10.614
65	AD613869/PS	9.9260	.21093	.20360	.52907	.20429	63.271
66	AD613870/MS	10.362	.21356	.21000	.55875	.20834	66.635
67	AD613871/SD	10.363	.21041	.21030	.54112	.20542	64.755
68	AD613872	.99284	.00256	.01257	.12903	.00015	53.375
69	AD613873	1.0098	.00113	.05664	.28682	.00030	217.69
70	AD613874	.72141	.00583	.03575	.31989	.00029	233.23
71	AD613875	.29776	-.00027	.01114	.36108	.00013	52.509
72	AD613876	1.2623	.01910	.02099	.61368	.00022	141.37
73	AD613877	.94351	.00133	.02004	.17840	.00021	42.003
74	AD613878	.30914	.00310	.01067	.37697	.00017	53.328
75	AD613879	.01597	-.00120	.00147	.00025	.00000	.03663
76	AD613880/FB	9.9552	.20261	.19577	.21288	.20007	9.8710
77	AD613881/PB	.01175	-.00084	.00256	.00003	.00000	.02761
78	AD613902	7.6004	.00602	5.0069	.04971	.00337	C.00000
79	AD613902/L (1:5)	1.7159	.00110	.95479	.01127	.00098	H970.41
80	AD613902/PS	21.757	.24665	5.2465	.26496	.18774	C.00000
81	AD613903/MD	7.7584	.00706	5.1070	.05351	.00343	C.00000
82	AD613904/MS	9.2667	.05125	4.8978	1.9883	.04726	C.00000
83	AD613905/FB	9.8020	.19790	.19235	.20438	.19955	9.7516
84	AD613906/PB	.01642	-.00221	.00121	.00000	.00000	.01657
85	AD613907	.34781	-.00065	.11901	.00993	.00002	22.809
86	AD613908	.27172	-.00108	.11124	.01365	.00002	24.736
87	AD613909	2.5230	-.00008	.01990	.01480	.00010	17.079
88	AD613909/L (1:5)	1.0279	.00783	.01047	.00610	-.00050	7.8532
89	AD613909/PS	12.346	.20444	.21444	.22372	.20393	26.876
90	AD613910/MS	12.722	.20938	.21675	.23506	.20634	27.592
91	AD613911/SD	12.610	.20595	.21446	.22786	.20423	27.036
92	AD613912	1.5818	-.00058	.15310	.02107	.00013	38.396
93	AD613913	.13076	-.00012	.03845	.02776	.00007	39.799
94	AD613914/FB	10.030	.20098	.19878	.20898	.20330	9.9661
95	AD613915/PB	.01222	-.00188	.00238	.00010	.00000	.08322
96	CCB	.02915	.00036	.00130	.00000	.00003	.02743
97	CCB	.04171	-.00050	.00422	.00011	.00027	.07081
98	CCB	.04289	-.00023	.00119	.00013	.00018	.04289
99	CCB	.04475	-.00095	.00098	.00016	.00018	.03582
100	CCB	.04695	-.00204	.00148	.00019	.00021	.03657
101	CCB	.01211	-.00264	.00283	.00000	.00017	-.00676
102	CCB	.01766	-.00072	.01816	.00012	.00023	-.00191
103	CCB	.01357	.00064	L-.00679	.00001	.00011	-.00279
104	CCB	.01295	.00174	L-.00847	.00002	.00015	-.00168
105	CCB	.01176	.00149	L-.00928	.00000	.00012	-.00204
106	CCB	.00556	-.00058	L-.00982	-.00008	.00002	-.00421
107	CCB	.00935	.00239	L-.00945	-.00008	.00009	-.00148

Analysis Report Averages 03/29/06 07:03:50 AM page 6

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
108	CCV	24.715	.48604	.48126	.47434	.49805	24.978
109	CCV	25.250	.49552	.49046	.50297	.50752	25.738
110	CCV	25.617	.50222	.49055	.51632	.51053	26.012
111	CCV	25.938	.50920	.49556	.53212	.51662	26.407
112	CCV	26.037	.51176	.49346	.53870	.51607	26.451
113	CCV	26.362	.52427	.50130	Q.56547	.52183	26.915
114	CCV	26.354	.52840	.52110	Q.57908	.52031	27.007
115	CCV	25.107	.48664	.48293	.48470	.50361	25.218
116	CCV	25.169	.48506	.47665	.49258	.50273	25.296
117	CCV	25.488	.49408	.48430	.50672	.50847	25.700
118	CCV	25.286	.49222	.48033	.50674	.50262	25.398
119	CCV	25.323	.49638	.48256	.51931	.50567	25.698
120	CRI	.19825	.00850	.06738	.00188	.00198	.48148
121	CRI	.20792	.00915	.07492	.00221	.00205	.54299
122	CRI	.21025	.00960	.06217	.00206	.00207	.51124
123	ICB	-.00090	-.00170	.00115	.00006	.00005	.00655
124	ICB	.00723	-.00052	-.00499	.00002	.00014	-.00462
125	ICSA	510.65	-.00257	.00426	.01202	.00140	540.29
126	ICSA	514.05	.00063	.00888	.01262	.00143	548.80
127	ICSA	506.17	.00261	-.00304	.01206	.00139	533.76
128	ICSAB	521.60	.10586	.00885	.52390	.50310	558.96
129	ICSAB	512.48	.10289	.01227	.52137	.49498	549.37
130	ICSAB	522.80	.10544	.00115	.53440	.50198	561.00
131	ICV	18.904	.36498	.37113	Q.35454	.37959	18.972
132	ICV	18.539	.36225	.36497	Q.34863	.37455	18.659
133	ICV	19.032	.36804	.36717	.36593	.38115	19.001
134	STD 1	8.64205	.96929	1.5943	4.14004	6.63073	
135	STD 1	8.38388	.93162	1.74383	3.85664	6.60254	
136	STD 2	42.8746	4.78492	7.51209	21.1338	32.1925	
137	STD 2	41.6663	4.55866	7.57231	19.3056	31.905	
138	STD 3	86.6038	9.59421	14.9996	41.8066	63.9216	46.8501
139	STD 3	84.1948	9.15971	15.0933	39.2354	63.5157	45.16
140	STD 3 VER	50.215	.99354	1.0074	.97750	.99661	50.359
141	STD 3 VER	50.109	.98998	1.0024	1.0036	.99136	50.196
142	STD BLK	.06494	.01432	.10421	.00523	.20531	.02199
143	STD BLK	.04617	-.00857	.27587	.01083	.21075	.04871

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
1	A6290910/R	.00009	.00178	.03060	.02992	.07991	25.861
2	A6297102/R	.00006	.00091	.00105	.00091	.17798	6.2507
3	AD613155	.00004	.00120	.00301	.00252	2.1884	6.4315
4	AD613179	-.00014	.00143	.03708	.03186	.34584	24.035
5	AD613477	.00084	.01449	.02796	.03785	39.442	9.2958
6	AD613478	.00349	.03205	.05242	.08118	69.895	11.069
7	AD613483	.00769	.05836	.09615	.13944	137.54	22.277
8	AD613484	.00648	.02999	.05652	.07152	73.598	11.801
9	AD613485	.01323	.18540	.36348	.51688	451.37	59.992
10	AD613504/(1:10)	.00005	.00278	.09265	.00110	.48751	29.174
11	AD613761	-.00005	.00008	.00029	-.00070	.00384	.22387
12	AD613762	.00002	.00033	.00039	.00282	.01364	.56424
13	AD613763	.00000	.00015	.00036	-.00008	-.00213	2.2522
14	AD613764	-.00005	.00059	.00043	-.00036	.02153	4.0351

Analysis Report Averages 03/29/06 07:03:50 AM page 7

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
15	AD613765	-.00010	.00025	.00011	.00153	.00579	1.1385
16	AD613765/L (1:5)	-.00003	.00010	-.00007	-.00004	.00012	.19647
17	AD613765/PS	.19829	.19579	.20088	.21311	10.124	11.538
18	AD613766/MS	.20250	.20405	.20398	.21070	10.225	11.641
19	AD613767/SD	.19606	.19712	.19675	.20204	9.8227	11.469
20	AD613768	.00000	.00037	.00045	.00422	.00842	.58915
21	AD613769	-.00011	.00036	-.00002	.00232	-.00270	3.9975
22	AD613770	-.00010	.00055	.00007	.00122	.00752	.90182
23	AD613771	.00000	.00014	.00006	.00057	.00343	2.2147
24	AD613772	-.00003	.00044	.00037	-.00021	.00449	4.6354
25	AD613773	-.00001	.00056	.00000	.00018	-.00499	2.8086
26	AD613774	-.00010	.00069	.00001	.00038	.01553	1.0830
27	AD613775	.00012	.00003	.00040	.00152	-.00722	1.9965
28	AD613776	-.00007	.00028	.00059	.00045	.00350	2.0842
29	AD613777	-.00017	.00046	.00015	-.00062	-.01732	1.1255
30	AD613778	-.00006	.00041	.00024	.00002	-.00161	.97277
31	AD613779	-.00001	.00042	.00027	-.00098	-.00723	2.0696
32	AD613780/FB	.20430	.20571	.20458	.20703	10.219	10.028
33	AD613781/PB	-.00017	.00008	-.00001	-.00062	.00278	-.01853
34	AD613822	-.00122	.02404	.04001	.10385	11.384	H643.30
35	AD613823	-.00027	.00093	.00183	.02055	1.0109	7.2292
36	AD613824	-.00039	.00006	.00164	.02371	2.0715	6.1335
37	AD613824/L (1:5)	-.00025	-.00017	.00050	.00306	.41663	1.0372
38	AD613824/PS	.20421	.19988	.20319	.24976	12.100	17.865
39	AD613825/MS	.20471	.20503	.20508	.25016	12.142	18.278
40	AD613826/SD	.20430	.20402	.20439	.26436	12.110	18.217
41	AD613827	-.00056	.00188	-.00022	.05269	5.0708	14.565
42	AD613828	-.00073	.00957	.01710	.12088	21.959	94.849
43	AD613829	-.00047	.01330	.10161	.09955	31.186	38.414
44	AD613830	-.00034	.00160	.00865	.05658	.57752	146.30
45	AD613831	-.00069	-.00014	-.00029	.03526	28.551	6.5714
46	AD613832	L-.00675	.00814	.31229	.00282	442.07	48.142
47	AD613833	.00283	.07155	.13601	.19392	2.4986	C.00000
48	AD613834	-.00064	.01212	.02415	.84033	69.944	93.350
49	AD613835	.00017	.00333	.00178	.00163	10.747	1.1564
50	AD613836	.00125	.00083	.00099	-.00008	92.067	3.3705
51	AD613837	.00159	.00094	.00153	-.00009	96.551	3.4581
52	AD613838	.00175	.00063	.00512	.00056	93.433	4.5604
53	AD613839	.00026	.00012	.00041	.00019	22.245	15.386
54	AD613840/FB	.20545	.20536	.20443	.21401	10.140	10.199
55	AD613841/PB	-.00007	-.00001	-.00028	-.00221	-.00568	-.00137
56	AD613862	-.00024	.00032	.00012	-.00103	2.7933	1.4716
57	AD613863	-.00004	-.00008	.00000	-.00024	.01241	2.6237
58	AD613864	-.00022	-.00001	.00041	-.00071	.30494	1.9246
59	AD613865	-.00016	-.00003	.00019	-.00140	7.6348	1.3763
60	AD613866	-.00016	.00003	-.00001	-.00147	.62753	1.1047
61	AD613867	-.00020	.00065	.00025	-.00078	35.279	1.7929
62	AD613868	-.00034	-.00042	-.00002	-.00113	6.5044	.32051
63	AD613869	-.00020	.00734	.00062	-.00125	7.8880	1.1064
64	AD613869/L (1:5)	-.00019	.00088	.00011	-.00135	1.5945	.20378
65	AD613869/PS	.19981	.20359	.19993	.21411	17.747	11.511
66	AD613870/MS	.20316	.21074	.20228	.21104	17.348	11.725
67	AD613871/SD	.19992	.20907	.20139	.20854	17.394	11.800
68	AD613872	-.00027	.00166	.00116	.00016	8.9869	1.8248

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
69	AD613873	-.00059	.00046	.00103	-.00098	36.843	2.9319
70	AD613874	-.00088	.00053	.00151	-.00091	55.927	2.9324
71	AD613875	-.00040	.00198	.00064	-.00156	19.063	1.4913
72	AD613876	-.00049	.00129	.00161	.00158	53.841	6.4596
73	AD613877	-.00050	.00074	.00156	-.00009	24.167	5.2093
74	AD613878	-.00031	.00202	.00071	-.00125	26.969	1.5171
75	AD613879	-.00004	-.00047	.00003	-.00197	.02270	.00660
76	AD613880/FB	.19767	.19801	.19757	.20192	9.8661	9.8279
77	AD613881/PB	-.00003	-.00040	-.00019	-.00078	-.00161	.00570
78	AD613902	.00217	.00521	.37562	.02147	11.818	H746.50
79	AD613902/L (1:5)	.00057	.00124	.08182	.00406	2.6378	103.05
80	AD613902/PS	.18230	.19016	.56531	.28786	20.921	H796.89
81	AD613903/MD	.00206	.00532	.35299	.02094	11.785	H771.11
82	AD613904/MS	.04424	.45834	.50613	.31775	12.169	H717.01
83	AD613905/FB	.19815	.20022	.19875	.19996	9.9651	9.7742
84	AD613906/PB	.00000	-.00044	.00007	-.00099	.01150	-.00124
85	AD613907	-.00014	.00012	.00224	-.00034	.23481	1.1970
86	AD613908	-.00008	.00047	.00043	-.00088	.26247	1.3008
87	AD613909	-.00007	.00087	.00221	.00079	1.7063	1.8047
88	AD613909/L (1:5)	.00059	.00242	.00249	-.00037	.81441	.81260
89	AD613909/PS	.20138	.20025	.20404	.21480	11.864	11.888
90	AD613910/MS	.20316	.20456	.20485	.21003	11.865	11.968
91	AD613911/SD	.20058	.20354	.20429	.20743	11.815	11.932
92	AD613912	-.00008	.00070	.00169	.00209	.87727	6.5915
93	AD613913	.00002	-.00028	.00051	.00384	.18101	2.1407
94	AD613914/FB	.20110	.20383	.20306	.20375	10.147	10.005
95	AD613915/PB	.00004	.00004	.00013	-.00112	.00527	.00812
96	CCB	.00005	-.00038	-.00012	-.00077	.02182	.00161
97	CCB	.00008	-.00042	-.00015	-.00125	.01153	.00454
98	CCB	.00003	.00029	.00003	-.00108	.01812	.00954
99	CCB	-.00023	-.00032	-.00006	-.00198	.01287	.00300
100	CCB	-.00008	-.00015	.00015	-.00221	.01888	.00671
101	CCB	-.00004	.00011	-.00013	-.00303	.00423	.00305
102	CCB	-.00023	-.00013	.00010	-.00297	.01636	.00971
103	CCB	.00007	.00029	.00049	-.00019	.00789	-.01787
104	CCB	.00001	.00008	.00001	-.00081	.00905	-.02121
105	CCB	.00004	-.00002	.00002	-.00094	-.00162	-.01807
106	CCB	-.00004	-.00011	.00017	-.00102	.00177	-.01565
107	CCB	.00001	-.00032	.00002	-.00084	.00761	-.01691
108	CCV	.48886	.49628	.50020	.51331	25.098	24.915
109	CCV	.49556	.50119	.50491	.52595	25.300	25.257
110	CCV	.49755	.50044	.50440	.53319	25.276	25.321
111	CCV	.50164	.50248	.50630	.54180	25.301	25.433
112	CCV	.49972	.50038	.50341	.54525	25.184	25.531
113	CCV	.50416	.50181	.50295	Q.55743	25.116	25.832
114	CCV	.50087	.49752	.49757	Q.56020	24.840	25.965
115	CCV	.49223	.49894	.50294	.52196	25.184	25.263
116	CCV	.49122	.49463	.49872	.52209	24.975	25.034
117	CCV	.49687	.49927	.50227	.53156	25.131	25.190
118	CCV	.49077	.49353	.49553	.52821	24.787	25.031
119	CCV	.49496	.49501	.49472	.53143	24.911	24.999
120	CRI	.00089	.00382	.00411	.00947	.05232	.44944
121	CRI	.00097	.00378	.00380	.00862	.05235	.46130
122	CRI	.00105	.00435	.00390	.01000	.04795	.44096

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
123	ICB	.00017	-.00067	-.00025	.00061	.00073	.01535
124	ICB	.00024	.00017	.00036	-.00060	.00678	-.00721
125	ICSA	.00154	.00064	-.01328	.00047	194.61	.00117
126	ICSA	.00057	.00083	-.01323	-.00071	194.28	-.00072
127	ICSA	.00469	.00081	-.01295	-.00002	190.69	-.02245
128	ICSAB	.98274	.49856	.49102	.54948	98.084	-.00101
129	ICSAB	.96435	.48864	.48106	.54122	96.133	-.00506
130	ICSAB	.97956	.49338	.48478	.55153	96.967	-.02112
131	ICV	.37318	.37887	.38121	.38949	19.134	18.822
132	ICV	.36897	.37439	.37744	.38308	18.960	18.509
133	ICV	.37330	.37687	.38022	.39364	19.075	18.929
134	STD 1	11.3303	.68299	1.77073	.87932	1.53956	
135	STD 1	11.3734	.70761	1.84521	.86285	1.62789	
136	STD 2	56.0081	3.41517	8.7223	4.19337	7.58874	
137	STD 2	55.9175	3.52749	9.0937	3.95391	8.0333	
138	STD 3	111.399	6.82914	17.4705	8.33602	15.1687	60.1007
139	STD 3	111.652	7.04017	18.1425	7.87947	15.992	60.0757
140	STD 3 VER	.99729	1.0034	1.0036	.99765	50.161	50.864
141	STD 3 VER	.98844	.98983	.99051	.99706	49.499	50.883
142	STD BLK	-.02533	-.00576	.00279	.0604	-.00087	-.03192
143	STD BLK	-.02159	-.00866	.0018	.08516	.00091	.00967

#	Sample Name	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
1	A6290910/R	.11371	.00495	.25325	352.74	.03243	.00338
2	A6297102/R	68.030	.04739	.00039	50.015	.00293	-.00110
3	AD613155	70.537	.06348	.00306	50.771	.00418	.00020
4	AD613179	.12993	.00702	.27335	348.95	.03453	.00129
5	AD613477	85.407	1.3222	.00206	22.377	.05414	.01566
6	AD613478	117.17	2.4901	.00394	20.018	.07340	.02884
7	AD613483	88.569	4.6120	.02087	61.784	.12748	.04998
8	AD613484	78.083	1.2351	.00510	20.143	.08012	.03047
9	AD613485	152.20	8.3708	.01026	257.67	.46164	.19194
10	AD613504/(1:10)	5.8262	.06240	.00894	433.60	.02599	.00436
11	AD613761	1.8029	.00003	.00108	3.0406	.00015	-.00037
12	AD613762	44.256	.00328	.00229	33.266	.00088	-.00166
13	AD613763	38.615	.01399	.06031	88.972	-.00024	.00080
14	AD613764	60.897	.02361	.03719	123.04	.03007	.00066
15	AD613765	47.719	.00866	.00067	9.6765	.00046	-.00174
16	AD613765/L (1:5)	9.5005	.00157	.00044	1.8663	.00003	-.00123
17	AD613765/PS	56.459	.20686	.20284	19.801	.20189	.19719
18	AD613766/MS	57.710	.21357	.20713	20.151	.20483	.20773
19	AD613767/SD	55.725	.20547	.19943	19.653	.19795	.19814
20	AD613768	38.559	.04443	.00476	60.596	.00157	.00153
21	AD613769	70.089	.02774	.02502	60.174	.00795	.00003
22	AD613770	39.575	.52673	.01990	31.798	.00105	-.00111
23	AD613771	33.224	.02906	.02137	55.746	.00677	-.00061
24	AD613772	29.024	.02621	.01680	49.368	.00659	.00239
25	AD613773	70.326	.02195	.00277	26.170	.00620	-.00340
26	AD613774	75.297	.24970	.00769	71.536	.00727	-.00009
27	AD613775	39.503	.00069	.00146	4.8073	.00072	.00109
28	AD613776	35.095	.02461	.04281	79.034	.00079	.00188
29	AD613777	56.176	.01280	.00671	20.120	.00137	-.00105

#	Sample Name	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
30	AD613778	45.876	.01345	.00384	6.6457	.00124	-.00026
31	AD613779	49.699	.01940	.02868	54.143	.00328	-.00182
32	AD613780/FB	10.242	.20343	.20463	10.358	.20718	.20831
33	AD613781/PB	.00054	-.00011	.00071	.20723	-.00037	.00207
34	AD613822	278.68	5.9753	.04456	H3170.1	.08629	.01112
35	AD613823	19.981	3.0825	.09633	240.52	.01185	.00540
36	AD613824	6.0989	1.4076	.03140	265.05	.06387	.00699
37	AD613824/L (1:5)	1.2213	.28108	.00662	53.220	.01275	.00319
38	AD613824/PS	16.115	1.5498	.23673	270.09	.27162	.20427
39	AD613825/MS	16.297	1.6078	.23918	279.92	.27276	.21024
40	AD613826/SD	16.273	1.5995	.23880	278.46	.27294	.20969
41	AD613827	13.248	3.7719	.01884	98.860	.00892	.01252
42	AD613828	58.481	4.0657	.00364	418.45	.04934	.00381
43	AD613829	62.617	2.1678	.21710	H953.03	.30230	.00640
44	AD613830	62.808	.29063	.01482	569.19	.04550	.00918
45	AD613831	53.280	2.7798	.00620	26.849	.00253	.00491
46	AD613832	58.223	3.2720	.01277	106.84	.16742	.00248
47	AD613833	244.37	3.0071	.17505	H2668.7	1.1656	.01311
48	AD613834	86.484	.60318	.00730	412.59	.07138	.01607
49	AD613835	14.887	.71486	.00116	61.434	.00385	.00241
50	AD613836	40.842	.39874	.00126	6.5359	.00077	.00025
51	AD613837	38.207	.43370	.00107	8.0133	.00026	-.00141
52	AD613838	35.258	.21380	.00099	10.054	.00077	-.00033
53	AD613839	30.903	.82141	.00061	14.824	.00000	.00129
54	AD613840/FB	10.239	.20163	.20540	10.965	.21069	.20796
55	AD613841/PB	.00285	.00015	.00014	.14337	-.00009	.00169
56	AD613862	45.771	.03509	.01497	11.797	.00080	-.00019
57	AD613863	50.615	.00055	.00272	13.813	.00017	.00213
58	AD613864	42.509	.26062	.02400	15.416	.00077	.00151
59	AD613865	20.621	.41823	.00061	78.575	.00083	.00326
60	AD613866	27.100	.05589	.00118	144.07	.00197	.00089
61	AD613867	27.618	.71540	.00087	35.670	.00100	-.00019
62	AD613868	12.481	1.4568	.00064	5.1080	.00017	.00447
63	AD613869	14.600	.10257	-.00061	47.398	.02760	.00056
64	AD613869/L (1:5)	2.9263	.02062	.00008	9.6848	.00524	.00479
65	AD613869/PS	24.393	.29591	.20289	56.549	.23136	.20111
66	AD613870/MS	25.191	.29954	.20547	59.038	.23546	.20565
67	AD613871/SD	24.716	.30071	.20282	58.722	.23233	.19886
68	AD613872	9.4421	1.1711	.00177	27.000	.00285	.00309
69	AD613873	49.526	.46794	.00168	9.1582	.00073	.00387
70	AD613874	49.998	.55140	.00155	7.8552	.00193	.00338
71	AD613875	14.898	.26580	.00062	78.641	.00310	.00093
72	AD613876	25.742	.29560	.00204	6.3417	.00212	.00260
73	AD613877	9.3138	1.2520	.00149	51.365	.00192	.00259
74	AD613878	15.139	.27037	.00052	80.100	.00277	.00227
75	AD613879	.00775	.00042	.00002	.36964	-.00001	.00435
76	AD613880/FB	9.8228	.19586	.19844	10.553	.20147	.20073
77	AD613881/PB	.00775	.00010	.00044	.06217	-.00017	.00555
78	AD613902	H2418.5	.52149	.00933	H6092.0	.17472	.00998
79	AD613902/L (1:5)	571.92	.11112	.00173	H2617.9	.03996	.00310
80	AD613902/PS	H2404.8	.70732	.22871	H6105.8	.35501	.21292
81	AD613903/MD	H2418.2	.52108	.00951	H6167.5	.16847	.01033
82	AD613904/MS	H2349.4	.96441	.00792	H5996.1	.57033	.03531
83	AD613905/FB	9.9194	.19820	.19992	10.223	.20007	.20058

#	Sample Name	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
84	AD613906/PB	.01562	.00008	-.00017	.05406	.00015	.00057
85	AD613907	2.5027	.01838	.00095	3.3464	.00259	.00227
86	AD613908	2.2101	.03787	.00084	1.5996	.00327	.00086
87	AD613909	2.0902	.84481	.00146	3.5388	.00744	.00376
88	AD613909/L (1:5)	.92829	.39452	.00035	1.7125	.00448	-.01680
89	AD613909/PS	12.125	1.0207	.20433	13.445	.21103	.20155
90	AD613910/MS	12.165	1.1704	.20463	13.591	.21300	.20506
91	AD613911/SD	12.040	1.1867	.20305	13.489	.20991	.20315
92	AD613912	3.8995	.03507	.00311	2.7855	.00320	.00139
93	AD613913	9.0994	.00482	.02095	53.350	.01710	.00352
94	AD613914/FB	9.9972	.20166	.20251	10.617	.20369	.20213
95	AD613915/PB	.06436	.00001	.00000	.78455	-.00012	.00251
96	CCB	.03360	.00011	.00153	.15531	.00006	.00359
97	CCB	.07078	.00013	.00007	.59226	.00004	.00411
98	CCB	.04550	.00017	.00102	.18794	.00047	.00153
99	CCB	.03697	.00025	.00073	.05790	-.00002	.00173
100	CCB	.04130	.00026	.00050	-.00708	.00005	.00388
101	CCB	.00420	.00014	.00107	.22477	.00000	.00175
102	CCB	.01004	.00018	.00042	.18864	.00057	.00195
103	CCB	.00642	-.00004	.00139	-.14859	.00009	.00218
104	CCB	.00352	.00000	.00093	-.17498	-.00012	-.00031
105	CCB	.00469	-.00009	.00122	-.12633	-.00019	.00157
106	CCB	-.00083	-.00011	.00130	-.07773	-.00014	.00069
107	CCB	-.00337	-.00008	.00163	-.07763	-.00001	.00151
108	CCV	24.967	.50922	.49878	24.663	.49579	.49105
109	CCV	25.089	.51235	.50578	25.568	.50727	.49685
110	CCV	25.393	.51082	.50609	25.511	.50987	.49583
111	CCV	25.586	.51152	.50805	25.945	.51678	.50091
112	CCV	25.513	.50904	.50833	26.003	.51626	.49783
113	CCV	25.657	.50823	.51255	26.526	.52510	.49823
114	CCV	25.412	.50280	.51006	26.562	.52421	.50200
115	CCV	25.226	.51203	.50245	24.926	.50232	.50067
116	CCV	25.246	.50728	.50001	25.069	.50323	.49911
117	CCV	25.504	.51024	.50405	25.496	.51137	.50152
118	CCV	25.110	.50353	.49732	25.396	.50544	.49570
119	CCV	25.266	.50483	.50015	25.490	.50978	.49489
120	CRI	.19798	.00312	.00961	1.1775	.00956	.00747
121	CRI	.23144	.00309	.01038	H2.0039	.01014	.00723
122	CRI	.21675	.00296	.01060	1.2517	.01013	.00623
123	ICB	.00725	.00007	.00037	.05905	.00061	.00224
124	ICB	.00028	.00003	.00094	.07810	-.00006	.00250
125	ICSA	522.36	.00010	.00196	.16326	.00002	.04029
126	ICSA	514.87	.00018	.00173	.70255	.00039	.03790
127	ICSA	515.50	.00013	.00212	.04266	-.00014	.04170
128	ICSAB	494.87	.50092	.00140	-.08635	.93683	.09454
129	ICSAB	480.19	.49073	.00220	.65828	.91833	.08982
130	ICSAB	493.61	.49617	.00166	-.09394	.93829	.09462
131	ICV	19.142	.38808	.38298	18.778	.37817	.37394
132	ICV	18.971	.38449	.37649	18.410	.37382	.37143
133	ICV	19.160	.38775	.38276	18.964	.38082	.38181
134	STD 1		1.28652	1.81291		4.70513	1.64793
135	STD 1		1.35277	1.86425		4.61561	1.65299
136	STD 2		6.31994	8.94231		23.8753	7.86662
137	STD 2		6.66059	9.15062		23.3521	8.07898

Analysis Report Averages 03/29/06 07:03:50 AM page 12

#	Sample Name	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
138	STD 3	89.7535	12.6704	17.965	2.84682	47.3763	15.612
139	STD 3	90.6775	13.2814	18.3386	2.69011	46.6807	16.0129
140	STD 3 VER	50.578	1.0027	1.0069	49.663	.99128	.97358
141	STD 3 VER	50.183	.99095	.99288	50.220	.99066	.97842
142	STD BLK	.01448	.00174	.00995	.00437	-.13079	.00176
143	STD BLK	.03298	.00505	.00828	.013	-.11527	.01554

#	Sample Name	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
1	A6290910/R	.00291	.00307	-.00036	-.00107	.00170	-.00140
2	A6297102/R	.00155	.00067	-.00435	-.00201	-.00464	-.00420
3	AD613155	.00056	.00044	-.00307	.00074	-.00492	-.00214
4	AD613179	.00128	.00129	-.00098	.00019	-.00514	.00109
5	AD613477	.01500	.01522	-.00220	.00086	-.01163	.00251
6	AD613478	.02595	.02691	-.00050	-.00009	-.01119	.00484
7	AD613483	.04420	.04613	.00398	-.00025	-.00073	.00634
8	AD613484	.02696	.02813	.00416	-.00088	-.00205	.00727
9	AD613485	.16641	.17491	.00216	-.00701	-.00514	.00581
10	AD613504/(1:10)	.00085	.00202	-.00025	.00588	-.00182	.00053
11	AD613761	-.00096	-.00077	.00061	-.00141	-.00379	.00281
12	AD613762	.00197	.00076	-.00181	.00019	-.00988	.00221
13	AD613763	.00043	.00055	-.00269	.00049	-.00641	-.00083
14	AD613764	.00080	.00075	-.00138	-.00079	-.00253	-.00080
15	AD613765	-.00075	-.00108	-.00308	-.00217	-.00765	-.00080
16	AD613765/L (1:5)	-.00064	-.00084	.00064	-.00023	-.00303	.00248
17	AD613765/PS	.20031	.19927	.19955	.20147	.20230	.19817
18	AD613766/MS	.20882	.20846	.20683	.21074	.21251	.20399
19	AD613767/SD	.20303	.20140	.20208	.20243	.20451	.20087
20	AD613768	.00070	.00098	.00089	-.00102	-.00202	.00235
21	AD613769	.00053	.00037	-.00412	.00046	-.01165	-.00036
22	AD613770	-.00155	-.00140	-.00149	-.00188	-.00783	.00167
23	AD613771	.00063	.00021	-.00030	-.00034	-.00727	.00317
24	AD613772	-.00012	.00071	-.00375	-.00059	-.00951	-.00088
25	AD613773	.00361	.00128	-.00118	-.00093	-.00821	.00232
26	AD613774	-.00014	-.00012	-.00045	.00036	-.00284	.00073
27	AD613775	.00114	.00112	-.00018	-.00085	-.00598	.00271
28	AD613776	.00058	.00101	-.00274	-.00066	-.00306	-.00257
29	AD613777	.00210	.00105	-.00074	-.00053	-.00575	.00176
30	AD613778	.00021	.00005	-.00227	.00087	-.01306	.00311
31	AD613779	.00097	.00004	-.00055	-.00163	-.00313	.00073
32	AD613780/FB	.21050	.20977	.20658	.20686	.21072	.20451
33	AD613781/PB	-.00021	.00054	-.00168	-.00069	-.00310	-.00097
34	AD613822	-.00622	-.00044	.00773	.00809	.02742	-.00210
35	AD613823	.00378	.00432	-.00220	.00212	-.00098	-.00281
36	AD613824	-.00210	.00092	.00093	.00231	.00358	-.00038
37	AD613824/L (1:5)	-.00012	.00098	.00161	-.00024	-.00422	.00453
38	AD613824/PS	.21519	.21156	.20699	.21291	.20270	.20914
39	AD613825/MS	.21854	.21577	.20251	.21509	.20188	.20283
40	AD613826/SD	.21890	.21583	.20915	.21478	.21121	.20812
41	AD613827	.00810	.00957	-.00042	.00789	.00051	-.00089
42	AD613828	-.00045	.00096	.00001	.00475	.00077	-.00036
43	AD613829	.00414	.00489	.00273	.00074	.00557	.00132
44	AD613830	.00622	.00721	-.00114	.00021	.00100	-.00222

#	Sample Name	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
45	AD613831	.00040	.00191	-.00038	.00236	-.00100	-.00007
46	AD613832	-.00273	-.00099	.00048	.17799	-.00274	.00209
47	AD613833	.01046	.01134	.00702	.01933	.01350	.00378
48	AD613834	.01221	.01349	-.00294	.01878	-.00123	-.00379
49	AD613835	.00084	.00136	.00008	-.00100	-.00557	.00290
50	AD613836	-.00092	-.00053	.00050	.00227	-.01139	.00645
51	AD613837	.00283	.00141	.00076	-.00155	-.01429	.00829
52	AD613838	.00042	.00016	-.00055	.00007	-.00945	.00389
53	AD613839	-.00138	-.00049	-.00124	-.00448	-.00429	.00028
54	AD613840/FB	.21822	.21480	.20748	.21192	.20556	.20844
55	AD613841/PB	-.00123	-.00026	-.00007	.00005	.00346	-.00183
56	AD613862	-.00064	-.00049	-.00163	.00129	-.00075	-.00207
57	AD613863	-.00018	.00058	.00082	.00048	.00267	-.00009
58	AD613864	-.00181	-.00070	-.00227	-.00182	.00261	-.00471
59	AD613865	-.00320	-.00105	-.00038	.00062	.00091	-.00103
60	AD613866	-.00077	-.00022	.00000	.00243	.00023	-.00010
61	AD613867	-.00102	-.00074	.00013	-.00012	-.00068	.00054
62	AD613868	-.00339	-.00077	-.00055	.00034	.00502	-.00334
63	AD613869	.00178	.00137	.00187	-.00184	.00273	.00144
64	AD613869/L (1:5)	-.00098	.00094	-.00175	-.00141	-.00103	-.00211
65	AD613869/PS	.20419	.20316	.20436	.20734	.20728	.20290
66	AD613870/MS	.21233	.21010	.20665	.21377	.20804	.20596
67	AD613871/SD	.21058	.20668	.20416	.20873	.19880	.20684
68	AD613872	-.00245	-.00060	-.00031	.00070	.00211	-.00153
69	AD613873	.00000	.00128	-.00143	.00094	-.00199	-.00115
70	AD613874	-.00095	.00048	.00056	.00095	.00152	.00008
71	AD613875	-.00170	-.00082	-.00095	.00142	-.00346	.00030
72	AD613876	-.00092	.00025	.00180	.00213	.00076	.00233
73	AD613877	.00038	.00112	.00042	-.00001	.00348	-.00110
74	AD613878	-.00035	.00051	.00077	.00021	.00059	.00085
75	AD613879	-.00144	.00048	.00087	.00121	-.00125	.00193
76	AD613880/FB	.20760	.20531	.20011	.20276	.19658	.20187
77	AD613881/PB	-.00274	.00001	-.00241	-.00158	.00569	-.00646
78	AD613902	.01151	.01100	-.00322	.00019	.00616	-.00791
79	AD613902/L (1:5)	-.00049	.00070	-.00021	.00080	.00073	-.00069
80	AD613902/PS	.20893	.21026	.22970	.24687	.24504	.22203
81	AD613903/MD	.01007	.01016	-.00506	.00371	.00697	-.01108
82	AD613904/MS	.02547	.02875	.04968	.11378	.06234	.04334
83	AD613905/FB	.20559	.20392	.19804	.19708	.19837	.19787
84	AD613906/PB	-.00081	-.00035	-.00320	.00064	-.00038	-.00461
85	AD613907	-.00033	.00053	-.00191	.00016	-.00135	-.00220
86	AD613908	-.00114	-.00047	-.00264	-.00049	.00118	-.00456
87	AD613909	-.00062	.00083	-.00297	.00215	-.00183	-.00355
88	AD613909/L (1:5)	.01207	.00245	-.00031	.00605	-.03584	.01744
89	AD613909/PS	.20513	.20394	.20237	.20321	.20333	.20189
90	AD613910/MS	.21056	.20873	.20433	.20866	.20091	.20605
91	AD613911/SD	.20863	.20681	.20491	.20390	.20521	.20476
92	AD613912	-.00194	-.00083	-.00038	-.00001	.00194	-.00155
93	AD613913	.00000	.00117	-.00235	-.00120	-.00559	-.00074
94	AD613914/FB	.20819	.20617	.20051	.20208	.19924	.20115
95	AD613915/PB	-.00181	-.00037	-.00285	.00030	-.00487	-.00184
96	CCB	-.00111	.00045	-.00404	.00142	-.00248	-.00482
97	CCB	-.00094	.00073	-.00222	.00198	.00214	-.00441
98	CCB	-.00094	-.00011	-.00060	.00275	-.00345	.00082

#	Sample Name	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
99	CCB	-.00159	-.00048	-.00107	.00114	-.00201	-.00060
100	CCB	-.00258	-.00042	.00097	.00228	.00297	-.00002
101	CCB	-.00162	-.00050	-.00090	.00257	-.00329	.00029
102	CCB	-.00054	.00028	-.00152	.00200	-.00364	-.00046
103	CCB	.00012	.00081	-.00088	-.00031	-.00935	.00335
104	CCB	.00084	.00046	-.00171	-.00017	-.01015	.00250
105	CCB	.00045	.00082	.00148	-.00024	-.00502	.00473
106	CCB	.00095	.00086	-.00046	.00073	-.00595	.00228
107	CCB	.00000	.00049	-.00093	.00038	-.00413	.00066
108	CCV	.50150	.49802	.49697	.49362	.50094	.49499
109	CCV	.51102	.50630	.50375	.50818	.50444	.50342
110	CCV	.51672	.50977	.50861	.51128	.50898	.50844
111	CCV	.52583	.51753	.51630	.52150	.51453	.51719
112	CCV	.52612	.51670	.51798	.51655	.51300	.52048
113	CCV	.53561	.52316	.52175	.52889	.50322	.53103
114	CCV	.53654	.52504	.52128	.53012	.51012	.52686
115	CCV	.49859	.49928	.49853	.50229	.50904	.49328
116	CCV	.49975	.49954	.50484	.50274	.51341	.50057
117	CCV	.50809	.50590	.50807	.51559	.51592	.50415
118	CCV	.50234	.50013	.50182	.50941	.51058	.49745
119	CCV	.50707	.50301	.51181	.51325	.51534	.51006
120	CRI	.00198	.00381	.01310	.01878	.01728	.01102
121	CRI	.00404	.00510	.01512	.01887	.01897	.01319
122	CRI	.00499	.00540	.01395	.01979	.01137	.01524
123	ICB	-.00089	.00014	-.00095	-.00157	-.00012	-.00136
124	ICB	-.00117	.00005	-.00117	.00107	-.00923	.00286
125	ICSA	-.02273	-.00174	-.00211	.00122	.00383	-.00509
126	ICSA	-.02093	-.00133	.00016	.00271	-.00063	.00056
127	ICSA	-.02244	-.00108	.00227	.00245	-.00672	.00676
128	ICSAB	.02863	.05058	.05054	.62098	.04845	.05158
129	ICSAB	.02923	.04941	.04988	.61335	.04688	.05138
130	ICSAB	.02792	.05013	.05124	.63561	.04030	.05671
131	ICV	.38182	.37920	.37757	.37628	.38114	.37579
132	ICV	.37403	.37316	.37151	.36782	.37697	.36878
133	ICV	.37648	.37826	.37938	.38051	.38831	.37492
134	STD 1	1.52538			.62412	.56574	1.30493
135	STD 1	1.5306			.58675	.54952	1.25686
136	STD 2	7.65425			3.12417	3.05201	5.88101
137	STD 2	7.56241			3.03697	3.13544	5.71212
138	STD 3	15.3174			6.31326	6.1696	11.6717
139	STD 3	15.1478			6.08171	6.33246	11.3829
140	STD 3 VER	1.0094	.99744	.99681	1.0059	.99174	.99935
141	STD 3 VER	.99617	.99026	.99702	1.0114	1.0138	.98865
142	STD BLK	.03297			.00636	-.07386	.13756
143	STD BLK	.00565			.00357	-.02682	.09653

#	Sample Name	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
1	A6290910/R	.00081	.00015	.02106	.12169	.00374	-.00024
2	A6297102/R	.00099	-.00489	.00055	.01706	.00572	-.00025
3	AD613155	.03546	.00188	.00278	.02196	.00061	.00033
4	AD613179	.00381	-.00011	.02193	.12725	.00050	.00030
5	AD613477	.39547	.00238	.04225	.08491	.00293	.00045

#	Sample Name	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
6	AD613478	.63819	.00207	.07479	.23676	.00494	.00065
7	AD613483	1.9547	.00838	.15191	.35108	.00787	.00058
8	AD613484	.79619	.00464	.08008	.17512	.00583	.00053
9	AD613485	4.2262	.02227	.68970	1.1441	.02432	.00238
10	AD613504/(1:10)	.04020	.00389	.01269	.00944	.00715	.00044
11	AD613761	.00000	-.00215	.00050	.00255	.00120	-.00020
12	AD613762	.00040	-.00210	.00013	.00698	.00290	.00011
13	AD613763	.00017	-.00033	.00015	.00280	.00037	.00026
14	AD613764	-.00001	-.00155	.00040	.00284	-.00054	.00063
15	AD613765	-.00002	.00323	.00019	.00401	-.00024	.00012
16	AD613765/L (1:5)	.00001	-.00058	.00000	.00050	.00315	.00040
17	AD613765/PS	.20274	.20244	.20254	.19552	.20606	.05091
18	AD613766/MS	.20955	.20765	.20662	.20731	.20842	.05317
19	AD613767/SD	.20189	.19921	.19952	.20090	.20063	.05141
20	AD613768	.00042	.00220	.00032	.00471	.00105	-.00017
21	AD613769	-.00005	-.00091	-.00005	.01429	.00214	.00012
22	AD613770	.00013	-.00177	.00007	.00876	.00090	-.00008
23	AD613771	.00025	-.00044	.00136	.00325	.00075	.00010
24	AD613772	.00054	-.00235	.00141	.00330	.00037	-.00011
25	AD613773	.00006	-.00127	.00026	.00315	-.00006	-.00008
26	AD613774	.00003	.00099	-.00032	.00359	.00157	.00001
27	AD613775	.00016	.00055	.00038	.00276	-.00036	.00039
28	AD613776	.00056	.00016	.00086	.00350	-.00096	.00000
29	AD613777	-.00007	-.00283	.00019	.00268	.00145	-.00024
30	AD613778	.00008	-.00163	.00019	.00233	.00017	.00006
31	AD613779	.00016	.00235	.00027	.00432	.00027	.00091
32	AD613780/FB	.20707	.20447	.20584	.21053	.20747	.05159
33	AD613781/PB	.00003	.00312	.00012	.00103	.00012	.00044
34	AD613822	.03586	-.00006	.04736	.03789	.01517	-.00006
35	AD613823	.00273	-.00029	.01076	.00950	.00246	.00019
36	AD613824	.00108	.00060	.00307	.00862	.00210	-.00060
37	AD613824/L (1:5)	.00049	-.00046	.00059	.00150	.00236	.00008
38	AD613824/PS	.21380	.21189	.21163	.21073	.21157	.05342
39	AD613825/MS	.21594	.21151	.21339	.22005	.20791	.05396
40	AD613826/SD	.21627	.21075	.21320	.22028	.21208	.05480
41	AD613827	.00047	.00004	.00011	.03697	.00107	.00035
42	AD613828	.01987	.00015	.01296	.01849	.00928	.00050
43	AD613829	.02020	.00026	.04469	.35510	.00351	.00033
44	AD613830	.00288	-.00149	.00672	.05544	.00367	.00003
45	AD613831	.00069	.00306	.00113	.02670	.00132	.00029
46	AD613832	.00717	-.00214	.02206	.00625	.00787	.00005
47	AD613833	.00737	-.00229	.00495	.14079	.00675	.00035
48	AD613834	.27686	-.00097	.06164	1.7307	.01060	.00036
49	AD613835	.03566	.00144	.00323	.00808	-.00021	.00054
50	AD613836	.00056	.00440	-.00024	.00264	.00232	.00052
51	AD613837	.00016	.00981	.00010	.00401	.00168	.00003
52	AD613838	.00191	.00320	.00049	.00293	.00051	.00063
53	AD613839	.00016	.00181	-.00046	.00680	-.00080	.00020
54	AD613840/FB	.21576	.20708	.21033	.21358	.20920	.05523
55	AD613841/PB	.00019	.00090	-.00056	.00107	.00196	.00003
56	AD613862	.00019	.00137	-.00042	.00108	.00151	.00026
57	AD613863	.00013	.00073	-.00024	.00226	-.00047	.00044
58	AD613864	.00039	-.00145	-.00049	.00204	.00041	.00003
59	AD613865	.01284	-.00165	-.00015	.00293	.00090	.00028

#	Sample Name	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
60	AD613866	.00562	.00018	-.00013	.00213	.00231	.00008
61	AD613867	.00252	.00311	.00043	.00195	.00030	.00031
62	AD613868	.00209	-.00012	.00012	.00126	.00194	.00044
63	AD613869	.00063	-.00057	-.00047	.00588	.00195	.00012
64	AD613869/L (1:5)	.00045	-.00545	-.00027	.00125	.00225	.00005
65	AD613869/PS	.20786	.20419	.20514	.20175	.20678	.04782
66	AD613870/MS	.21305	.20590	.20853	.21445	.20608	.05379
67	AD613871/SD	.20854	.20382	.20570	.21120	.19943	.05177
68	AD613872	.02760	-.00013	.00172	.00648	-.00037	-.00023
69	AD613873	.04389	.00171	.00242	.00619	.00257	.00037
70	AD613874	.03362	.00069	.00143	.00364	.00085	-.00006
71	AD613875	.00817	.00138	.00024	.00608	.00086	.00018
72	AD613876	.05230	.00322	.00256	.00642	.00316	-.00018
73	AD613877	.02884	.00298	.00219	.00492	.00029	.00016
74	AD613878	.00945	.00142	.00022	.00707	.00198	.00016
75	AD613879	.00023	.00230	-.00005	.00064	.00195	-.00002
76	AD613880/FB	.20195	.19678	.20027	.20461	.20123	.05122
77	AD613881/PB	.00025	-.00276	-.00012	.00086	.00247	.00040
78	AD613902	.14048	-.00067	.00928	.06204	.00493	-.00004
79	AD613902/L (1:5)	.04771	.00173	.00212	.01418	.00439	-.00020
80	AD613902/PS	.42597	.19918	.21077	.23389	.22548	.06916
81	AD613903/MD	.14193	-.00393	.00954	.06286	.00745	-.00062
82	AD613904/MS	.12948	.04641	.48328	.48446	.00597	.06319
83	AD613905/FB	.19922	.19723	.19951	.20570	.20429	.04980
84	AD613906/PB	.00008	.00275	-.00025	.00068	.00056	.00020
85	AD613907	.00749	-.00144	.00068	.02132	-.00038	.00021
86	AD613908	.00570	.00235	.00092	.02540	.00094	-.00017
87	AD613909	.06604	-.00280	.00480	.03151	.00083	.00038
88	AD613909/L (1:5)	.02438	.00443	.00257	.01768	.00007	.00030
89	AD613909/PS	.27124	.20375	.20957	.23009	.20764	.05096
90	AD613910/MS	.27662	.20384	.21072	.24353	.20887	.05202
91	AD613911/SD	.27087	.20144	.20942	.24069	.20098	.05078
92	AD613912	.03399	-.00009	.00295	.03742	.00045	.00029
93	AD613913	.00253	-.00078	.00032	.01075	.00173	.00036
94	AD613914/FB	.20275	.20168	.20397	.20958	.20680	.05269
95	AD613915/PB	.00013	-.00239	-.00025	.00097	.00081	.00000
96	CCB	.00017	-.00110	-.00018	.00000	.00178	.00001
97	CCB	.00143	-.00037	-.00018	.00009	.00035	.00035
98	CCB	.00041	.00029	.00007	.00007	.00325	.00026
99	CCB	.00048	.00005	-.00005	-.00014	.00196	.00060
100	CCB	.00058	-.00040	-.00004	-.00028	.00128	.00042
101	CCB	.00042	.00119	-.00017	-.00034	.00158	.00002
102	CCB	.00048	.00051	.00035	.00033	.00157	-.00006
103	CCB	.00033	.00080	.00012	-.00015	-.00028	-.00003
104	CCB	.00028	.00196	.00025	-.00036	.00007	.00007
105	CCB	.00009	.00247	.00012	-.00008	-.00068	-.00008
106	CCB	.00005	.00090	.00012	.00013	-.00067	-.00011
107	CCB	.00016	.00088	.00039	.00015	.00067	.00010
108	CCV	.50200	.49839	.49810	.49528	.52146	.48657
109	CCV	.51850	.51322	.50776	.50196	.52463	.49892
110	CCV	.52506	.50962	.51178	.50300	.52616	.50634
111	CCV	.53565	.52025	.51706	.50716	.52752	.51474
112	CCV	.53807	.51965	.51770	.50447	.52494	.51745
113	CCV	Q.55228	.53172	.52382	.50829	.52709	.52944

#	Sample Name	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
114	CCV	Q.55591	.52726	.52200	.50566	.52569	.53329
115	CCV	.51175	.50609	.50329	.49563	.52238	.49375
116	CCV	.51497	.50831	.50239	.49338	.52174	.49681
117	CCV	.52473	.51880	.50748	.50049	.52227	.50572
118	CCV	.52019	.50874	.50149	.49231	.51741	.50196
119	CCV	.52549	.51190	.50365	.49580	.51990	.50796
120	CRI	.00517	.02111	.00456	.01992	.00822	.00311
121	CRI	.00563	.02066	.00475	.02069	.01060	.00332
122	CRI	.00537	.02233	.00525	.02042	.00739	.00350
123	ICB	.00015	-.00027	-.00043	-.00008	.00139	.00025
124	ICB	.00029	.00310	.00070	.00020	.00192	.00010
125	ICSA	.00106	.00308	-.00108	.00014	.00553	.00031
126	ICSA	.00108	-.00063	-.00087	.00035	.00260	.00060
127	ICSA	.00090	.00519	-.00146	.00230	.00282	.00019
128	ICSAB	.00124	.10503	.50772	.95203	.00296	.21536
129	ICSAB	.00103	.10454	.49866	.93612	.00488	.21303
130	ICSAB	.00116	.10703	.50466	.94352	.00430	.21827
131	ICV	.38127	.38102	.37984	.37901	Q.39443	.36875
132	ICV	.37421	.37038	.37508	.37696	Q.39472	.36200
133	ICV	.38658	.38448	.38139	.37778	Q.39851	.37327
134	STD 1	5.79814	.63026	.2819	.24901	2.62371	1.5023
135	STD 1	5.44177	.60233	.28103	.2586	2.74076	1.41431
136	STD 2	28.5754	3.21898	1.40277	1.23124	13.4075	7.54895
137	STD 2	26.69	3.12372	1.39771	1.27117	14.1254	7.04237
138	STD 3	56.8159	6.55337	2.80841	2.43155	26.9292	15.1689
139	STD 3	53.5905	6.30093	2.80626	2.52348	28.3634	14.2526
140	STD 3 VER	.98877	1.0076	1.0017	1.0012	1.0088	.99357
141	STD 3 VER	.99530	1.0022	.99581	.98868	.99859	1.0001
142	STD BLK	.09776	-.01781	.00139	.00157	-.09845	-.00419
143	STD BLK	.10353	-.01871	.00017	.00162	-.08377	-.00377

Standardization Rpt. 03/28/06 09:55:17 PM page 1

Method: TRACE2 Standard: STD BLK
Run Time: 03/28/06 21:50:30

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	.04618	-.00857	.27587	.01083	.21076	.04871	-.02160
SDev	.00264	.00021	.00281	.00163	.00194	.00057	.01205
%RSD	5.7084	2.4109	1.0200	15.055	.92244	1.1728	55.792
#1	.04431	-.00872	.27388	.01199	.21213	.04831	-.01308
#2	.04804	-.00843	.27786	.00968	.20938	.04912	-.03012

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	-.00867	.00180	.08516	.00092	.00967	.03299	.00505
SDev	.00161	.00049	.00023	.00384	.02331	.00658	.00046
%RSD	18.585	27.398	.27606	417.03	241.04	19.962	9.1834
#1	-.00981	.00145	.08500	.00363	.02615	.02833	.00472
#2	-.00753	.00215	.08533	-.00179	-.00681	.03765	.00538

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1
Avge	.00828	.01301	-.11527	.01554	.00566	.00358	-.02682
SDev	.00350	.00318	.03373	.00525	.01358	.00711	.02525
%RSD	42.203	24.466	29.257	33.760	240.03	198.88	94.160
#1	.00581	.01526	-.13912	.01925	.01526	-.00145	-.04468
#2	.01076	.01076	-.09142	.01183	-.00394	.00860	-.00896

Elem	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Avge	.09654	.10353	-.01871	.00018	.00162	-.08378	-.00378
SDev	.00166	.00772	.02786	.00025	.00024	.01251	.00277
%RSD	1.7154	7.4573	148.87	141.42	14.802	14.933	73.406
#1	.09771	.09807	-.03841	.00000	.00145	-.09263	-.00182
#2	.09537	.10899	.00099	.00036	.00179	-.07493	-.00574

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2771	--	--	--	--	--	--
SDev	25.56184	--	--	--	--	--	--
%RSD	.9224438	--	--	--	--	--	--
#1	2753	--	--	--	--	--	--
#2	2789	--	--	--	--	--	--

Standardization Rpt. 03/28/06 09:59:41 PM page 1

Method: TRACE2 Standard: STD 1
Run Time: 03/28/06 21:55:21

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	8.3839	.93162	1.7438	3.8566	6.6025	11.373	.70762
SDev	.0958	.03444	.0256	.0595	.0739	.083	.00880
%RSD	1.1426	3.6972	1.4671	1.5441	1.1190	.72577	1.2431
#1	8.3161	.90727	1.7257	3.8145	6.5503	11.315	.70140
#2	8.4516	.95598	1.7619	3.8988	6.6548	11.432	.71384

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Mo2020	Ni2316	2203/1
Avge	1.8452	.86285	1.6279	1.3528	1.8643	4.6156	1.6530
SDev	.0165	.01263	.0201	.0164	.0313	.0873	.0070
%RSD	.89659	1.4641	1.2351	1.2094	1.6805	1.8915	.42319
#1	1.8335	.85392	1.6137	1.3412	1.8421	4.5539	1.6480
#2	1.8569	.87179	1.6421	1.3643	1.8864	4.6774	1.6579

Elem	2203/2	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924
Avge	1.5306	.58676	.54952	1.2569	5.4418	.60234	.28104
SDev	.0096	.01256	.01256	.0736	.0485	.01846	.00453
%RSD	.62830	2.1414	2.2862	5.8589	.89208	3.0641	1.6107
#1	1.5238	.57787	.54064	1.2048	5.4074	.58929	.27784
#2	1.5374	.59564	.55840	1.3089	5.4761	.61539	.28424

Elem	Zn2062	Sn1899	Ag3280
Avge	.25860	2.7408	1.4143
SDev	.00166	.0531	.0087
%RSD	.64084	1.9391	.61559
#1	.25743	2.7032	1.4082
#2	.25977	2.7783	1.4205

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2786	--	--	--	--	--	--
SDev	9.651938	--	--	--	--	--	--
%RSD	.3464225	--	--	--	--	--	--
#1	2793	--	--	--	--	--	--
#2	2779	--	--	--	--	--	--

Standardization Rpt. 03/28/06 10:04:05 PM page 1

Method: TRACE2 Standard: STD 2
Run Time: 03/28/06 21:59:44

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	41.666	4.5587	7.5723	19.306	31.905	55.918	3.5275
SDev	.449	.0804	.0820	.236	.353	.552	.0380
%RSD	1.0780	1.7643	1.0833	1.2226	1.1075	.98688	1.0777
#1	41.349	4.5018	7.5143	19.139	31.655	55.527	3.5006
#2	41.984	4.6155	7.6303	19.472	32.155	56.308	3.5544

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Mo2020	Ni2316	2203/1
Avge	9.0937	3.9539	8.0333	6.6606	9.1506	23.352	8.0790
SDev	.1158	.0349	.0867	.0608	.1607	.339	.0404
%RSD	1.2730	.88384	1.0787	.91326	1.7557	1.4532	.50018
#1	9.0119	3.9292	7.9720	6.6176	9.0370	23.112	8.0504
#2	9.1756	3.9786	8.0946	6.7036	9.2642	23.592	8.1076

Elem	2203/2	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924
Avge	7.5624	3.0370	3.1354	5.7121	26.690	3.1237	1.3977
SDev	.0731	.0160	.0287	.0052	.311	.1088	.0149
%RSD	.96668	.52769	.91445	.09175	1.1656	3.4822	1.0681
#1	7.5107	3.0256	3.1152	5.7158	26.470	3.0468	1.3872
#2	7.6141	3.0483	3.1557	5.7084	26.910	3.2006	1.4083

Elem	Zn2062	Sn1899	Ag3280
Avge	1.2712	14.125	7.0424
SDev	.0150	.111	.0567
%RSD	1.1769	.78477	.80459
#1	1.2606	14.047	7.0023
#2	1.2818	14.204	7.0824

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2778	--	--	--	--	--	--
SDev	4.878968	--	--	--	--	--	--
%RSD	.1756430	--	--	--	--	--	--
#1	2781	--	--	--	--	--	--
#2	2774	--	--	--	--	--	--

Standardization Rpt. 03/28/06 10:08:56 PM page 1

Method: TRACE2 Standard: STD 3
Run Time: 03/28/06 22:04:09

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	84.195	9.1597	15.093	39.235	63.516	45.160	111.65
SDev	.049	.0351	.013	.053	.034	.064	.03
%RSD	.05833	.38374	.08810	.13625	.05422	.14174	.02401
#1	84.160	9.1349	15.103	39.198	63.491	45.115	111.63
#2	84.229	9.1846	15.084	39.273	63.540	45.205	111.67

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	7.0402	18.143	7.8795	15.992	60.076	90.677	13.281
SDev	.0007	.012	.0014	.001	.017	.082	.002
%RSD	.01050	.06819	.01788	.00501	.02819	.09060	.01824
#1	7.0407	18.134	7.8805	15.993	60.088	90.619	13.280
#2	7.0397	18.151	7.8785	15.991	60.064	90.736	13.283

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1
Avge	18.339	2.6901	46.681	16.013	15.148	6.0817	6.3325
SDev	.061	.0004	.020	.018	.026	.0272	.0405
%RSD	.33007	.01343	.04351	.10975	.16981	.44725	.64028
#1	18.296	2.6904	46.666	16.001	15.130	6.0625	6.3611
#2	18.381	2.6899	46.695	16.025	15.166	6.1010	6.3038

Elem	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Avge	11.383	53.591	6.3009	2.8063	2.5235	28.363	14.253
SDev	.070	.072	.0042	.0001	.0003	.221	.001
%RSD	.61072	.13448	.06672	.00425	.01114	.77975	.00837
#1	11.334	53.540	6.3039	2.8063	2.5233	28.520	14.252
#2	11.432	53.641	6.2980	2.8062	2.5237	28.207	14.253

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2764	--	--	--	--	--	--
SDev	6.416959	--	--	--	--	--	--
%RSD	.2321925	--	--	--	--	--	--
#1	2759	--	--	--	--	--	--
#2	2768	--	--	--	--	--	--

Standardization Report 03/28/06 10:08:56 PM page 1

Method: TRACE2 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	.598415	-.027500	03/28/06 10:04:09
As1890	189.042	Multiple	Standards	.108292	.000913	03/28/06 10:04:09
B_2496	249.678	Multiple	Standards	.068738	-.018961	03/28/06 10:04:09
Ba4934	493.409	Multiple	Standards	.025801	-.000272	03/28/06 10:04:09
Be3130	313.042	Multiple	Standards	.015742	-.003323	03/28/06 10:04:09
Ca3179	317.933	STD 3	STD BLK	.893729	-.024801	03/28/06 10:04:09
Cd2265	226.502	Multiple	Standards	.008898	.000181	03/28/06 10:04:09
Co2286	228.616	Multiple	Standards	.141261	.001216	03/28/06 10:04:09
Cr2677	267.716	Multiple	Standards	.054869	-.000107	03/28/06 10:04:09
Cu3247	324.753	Multiple	Standards	.128739	-.010964	03/28/06 10:04:09
Fe2714	271.441	Multiple	Standards	3.10461	-.003291	03/28/06 10:04:09
K_7664	766.491	STD 3	STD BLK	1.12977	-.024248	03/28/06 10:04:09
Mg2790	279.078	STD 3	STD BLK	.918056	-.017088	03/28/06 10:04:09
Mn2576	257.610	Multiple	Standards	.074881	-.000386	03/28/06 10:04:09
Mo2020	202.030	Multiple	Standards	.054367	-.000458	03/28/06 10:04:09
Na3302	330.232	STD 3	STD BLK	1.28105	-.007436	03/28/06 10:04:09
Ni2316	231.604	Multiple	Standards	.021244	.002443	03/28/06 10:04:09
2203/1	220.351	Multiple	Standards	.062958	-.000990	03/28/06 10:04:09
2203/2	220.352	Multiple	Standards	.065385	-.000374	03/28/06 10:04:09
PB2203	220.353	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
SE1960	196.026	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Sb2068	206.838	Multiple	Standards	.167932	-.000578	03/28/06 10:04:09
1960/1	196.021	Multiple	Standards	.162400	.004409	03/28/06 10:04:09
1960/2	196.022	Multiple	Standards	.085361	-.008257	03/28/06 10:04:09
Ti3372	337.280	Multiple	Standards	.018745	-.001941	03/28/06 10:04:09
Tl1908	190.864	Multiple	Standards	.157666	.002959	03/28/06 10:04:09
V_2924	292.402	Multiple	Standards	.357060	-.000065	03/28/06 10:04:09
Zn2062	206.200	Multiple	Standards	.392581	-.000646	03/28/06 10:04:09
Sn1899	189.989	Multiple	Standards	.035247	.002957	03/28/06 10:04:09
Ag3280	328.068	Multiple	Standards	.070539	.000267	03/28/06 10:04:09

Standardization Readback Report 03/28/06 10:08:56 PM page 1

Method: TRACE2

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	STD BLK	.000000	.000134	-.000134
		STD 1	5.00000	4.98954	.010462
		STD 2	25.0000	24.9062	.093781
		STD 3	50.0000	50.3559	-.355885

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	STD BLK	.000000	-.000015	.000015
		STD 1	.100000	.101800	-.001800
		STD 2	.500000	.494580	.005420
		STD 3	1.00000	.992837	.007163

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	STD BLK	.000000	.000002	-.000002
		STD 1	.100000	.100907	-.000907
		STD 2	.500000	.501549	-.001549
		STD 3	1.00000	1.01853	-.018533

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	STD BLK	.000000	.000007	-.000007
		STD 1	.100000	.099232	.000768
		STD 2	.500000	.497826	.002174
		STD 3	1.00000	1.01203	-.012028

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	STD BLK	.000000	-.000005	.000005
		STD 1	.100000	.100615	-.000615
		STD 2	.500000	.498928	.001072
		STD 3	1.00000	.996547	.003453

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Ca3179	317.933	STD BLK	.018737	.048714	-.029978
		STD 3	40.3360	45.1600	-4.82401

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	STD BLK	.000000	-.000011	.000011
		STD 1	.100000	.101376	-.001376
		STD 2	.500000	.497708	.002292
		STD 3	1.00000	.993610	.006390

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	STD BLK	.000000	-.000008	.000008
		STD 1	.100000	.101175	-.001175
		STD 2	.500000	.499514	.000486
		STD 3	1.00000	.995719	.004281

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	STD BLK	.000000	-.000009	.000009
		STD 1	.100000	.101137	-.001137
		STD 2	.500000	.498855	.001145
		STD 3	1.00000	.995355	.004645

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	STD BLK	.000000	-.000000	.000000
		STD 1	.100000	.100118	-.000118
		STD 2	.500000	.498057	.001943
		STD 3	1.00000	1.00343	-.003428

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	STD BLK	.000000	-.000435	.000435
		STD 1	5.00000	5.05069	-.050691
		STD 2	25.0000	24.9370	.062984
		STD 3	50.0000	49.6456	.354401

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	STD BLK	-.013323	.009670	-.022993
		STD 3	67.8475	60.0757	7.77178

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Mg2790	279.078	STD BLK	.013197	.032989	-.019792
		STD 3	83.2299	90.6775	-7.44761

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	STD BLK	.000000	-.000008	.000008
		STD 1	.100000	.100912	-.000912
		STD 2	.500000	.498369	.001631
		STD 3	1.00000	.994144	.005856

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	STD BLK	.000000	-.000008	.000008
		STD 1	.100000	.100897	-.000897
		STD 2	.500000	.497036	.002964
		STD 3	1.00000	.996562	.003438

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	STD BLK	.009225	.013006	-.003781
		STD 3	3.43872	2.69011	.748609

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	STD BLK	.000000	-.000005	.000005
		STD 1	.100000	.100499	-.000499
		STD 2	.500000	.498540	.001460
		STD 3	1.00000	.994138	.005862

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	STD BLK	.000000	-.000011	.000011
		STD 1	.100000	.103080	-.003080
		STD 2	.500000	.507650	-.007650
		STD 3	1.00000	1.00716	-.007160

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	STD BLK	.000000	-.000004	.000004
		STD 1	.100000	.099705	.000295
		STD 2	.500000	.494094	.005906
		STD 3	1.00000	.990061	.009939

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
PB2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
SE1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	STD BLK	.000000	.000023	-.000023
		STD 1	.100000	.097958	.002042
		STD 2	.500000	.509428	-.009428
		STD 3	1.00000	1.02074	-.020737

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	STD BLK	.000000	.000053	-.000053
		STD 1	.100000	.093651	.006349
		STD 2	.500000	.513606	-.013606
		STD 3	1.00000	1.03280	-.032802

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	STD BLK	.000000	-.000016	.000016
		STD 1	.100000	.099031	.000969
		STD 2	.500000	.479336	.020664
		STD 3	1.00000	.963402	.036598

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3372	337.280	STD BLK	.000000	-.000000	.000000
		STD 1	.100000	.100063	-.000063
		STD 2	.500000	.498352	.001648
		STD 3	1.00000	1.00259	-.002591

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	STD BLK	.000000	.000008	-.000008
		STD 1	.100000	.097926	.002074
		STD 2	.500000	.495463	.004537
		STD 3	1.00000	.996400	.003600

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	STD BLK	.000000	-.000001	.000001
		STD 1	.100000	.100282	-.000282
		STD 2	.500000	.499002	.000998
		STD 3	1.00000	1.00194	-.001940

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	STD BLK	.000000	-.000009	.000009
		STD 1	.100000	.100876	-.000876
		STD 2	.500000	.498393	.001607
		STD 3	1.00000	.990027	.009973

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	STD BLK	.000000	.000004	-.000004
		STD 1	.100000	.099562	.000438
		STD 2	.500000	.500843	-.000843
		STD 3	1.00000	1.00270	-.002696

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	STD BLK	.000000	.000000	-.000000
		STD 1	.100000	.100031	-.000031
		STD 2	.500000	.497029	.002971
		STD 3	1.00000	1.00563	-.005630

CorCoef: 0.99998

Analysis Report Blank Sample 03/28/06 10:13:47 PM page 1

Method: TRACE2 Sample Name: STD 3 VER Operator: SW
Run Time: 03/28/06 22:09:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.109	.98998	1.0024	1.0036	.99136	50.196	.98845
SDev	.076	.00109	.0010	.0100	.00136	.232	.00358
%RSD	.15218	.10989	.09484	.99892	.13745	.46238	.36203
#1	50.163	.99075	1.0031	1.0107	.99232	50.360	.99098
#2	50.055	.98921	1.0017	.99654	.99040	50.032	.98592
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98983	.99051	.99707	49.499	50.883	50.183	.99095
SDev	.00173	.00036	.00215	.010	.081	.115	.00072
%RSD	.17505	.03618	.21536	.02039	.15882	.22997	.07243
#1	.99106	.99026	.99859	49.506	50.826	50.264	.99044
#2	.98861	.99077	.99555	49.492	50.940	50.101	.99146
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99289	50.220	.99067	.97842	.99618	.99026	.99703
SDev	.00215	.088	.00652	.00239	.00138	.00012	.00266
%RSD	.21665	.17518	.65779	.24471	.13848	.01241	.26696
#1	.99137	50.157	.99528	.97673	.99715	.99035	.99891
#2	.99441	50.282	.98606	.98011	.99520	.99018	.99515
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0114	1.0138	.98866	.99531	1.0022	.99582	.98869
SDev	.0002	.0012	.00457	.00487	.0052	.00083	.00312
%RSD	.01784	.11351	.46203	.48946	.52083	.08353	.31579
#1	1.0112	1.0130	.99189	.99875	1.0059	.99640	.99089
#2	1.0115	1.0146	.98543	.99186	.99847	.99523	.98648
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.99860	1.0001
SDev	.00017	.0049
%RSD	.01699	.49195
#1	.99872	1.0035
#2	.99848	.99658
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2775	--	--	--	--	--	--
SDev	10.34144	--	--	--	--	--	--
%RSD	.3726593	--	--	--	--	--	--
#1	2782	--	--	--	--	--	--
#2	2768	--	--	--	--	--	--

Analysis Report QC Standard 03/28/06 10:18:38 PM page 1

Method: TRACE2 Sample Name: ICV Operator: SW
Run Time: 03/28/06 22:13:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.032	.36804	.36717	.36593	.38115	19.001	.37330
SDev	.334	.00623	.00824	.00494	.00681	.349	.00601
%RSD	1.7545	1.6936	2.2447	1.3506	1.7871	1.8386	1.6102
#1	18.796	.36364	.36134	.36244	.37634	18.754	.36905
#2	19.268	.37245	.37300	.36943	.38597	19.248	.37755
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	18.750	.37500	.37500	.37500	.37500	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37687	.38023	.39364	19.075	18.929	19.160	.38775
SDev	.00606	.00655	.00655	.333	.230	.338	.00646
%RSD	1.6068	1.7232	1.6647	1.7432	1.2168	1.7656	1.6655
#1	.37259	.37560	.38901	18.840	18.766	18.921	.38319
#2	.38116	.38486	Q.39828	19.310	19.091	19.400	.39232
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500	.37500	.37500	18.750	18.750	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38276	18.964	.38083	.38182	.37649	.37826	.37939
SDev	.00740	.365	.00515	.00563	.01084	.00910	.00952
%RSD	1.9341	1.9265	1.3511	1.4741	2.8790	2.4067	2.5096
#1	.37753	18.705	.37719	.37784	.36882	.37182	.37266
#2	.38800	19.222	.38447	.38580	.38415	.38470	.38612
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.37500	18.750	.37500			.37500	.37500
Range	5.0000	5.0000	5.0000			5.0000	5.0000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38052	.38832	.37493	.38659	.38449	.38139	.37779
SDev	.00860	.00524	.01166	.00573	.01478	.00631	.00709
%RSD	2.2589	1.3490	3.1107	1.4821	3.8453	1.6544	1.8781
#1	.37444	.38461	.36668	.38254	.37403	.37693	.37277
#2	.38659	.39202	.38317	.39064	Q.39494	.38585	.38280
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500			.37500	.37500	.37500	.37500
Range	5.0000			5.0000	5.0000	5.0000	5.0000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	Q.39852	.37328
SDev	.00724	.00635
%RSD	1.8177	1.6999
#1	.39340	.36879
#2	Q.40364	.37777

Errors	QC Fail	QC Pass
Value	.37500	.37500
Range	5.0000	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2758	--	--	--	--	--	--
SDev	37.01711	--	--	--	--	--	--
%RSD	1.342330	--	--	--	--	--	--
#1	2784	--	--	--	--	--	--
#2	2732	--	--	--	--	--	--

Analysis Report Blank Sample 03/28/06 10:23:28 PM page 1

Method: TRACE2 Sample Name: ICB Operator: SW
Run Time: 03/28/06 22:18:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00724	-.00052	-.00499	.00002	.00015	-.00463	.00024
SDev	.00063	.00073	.00006	.00002	.00001	.00029	.00013
%RSD	8.6693	140.20	1.1796	93.460	9.1855	6.2902	53.754
#1	.00768	-.00104	-.00495	.00001	.00016	-.00442	.00015
#2	.00679	-.00000	L-.00504	.00003	.00014	-.00484	.00033
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00017	.00037	-.00061	.00678	-.00721	.00029	.00003
SDev	.00032	.00042	.00014	.00474	.02108	.00013	.00006
%RSD	189.65	114.26	22.347	69.953	292.12	46.476	175.13
#1	-.00006	.00007	-.00051	.00343	.00769	.00019	-.00001
#2	.00040	.00066	-.00071	.01013	-.02212	.00038	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00094	.07811	-.00007	.00251	-.00117	.00005	-.00117
SDev	.00063	.04044	.00057	.00135	.00210	.00095	.00319
%RSD	66.160	51.777	860.75	53.924	178.90	1860.2	272.02
#1	.00139	.10670	-.00047	.00346	-.00266	-.00062	.00108
#2	.00050	.04951	.00034	.00155	.00031	.00072	-.00342
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00107	-.00924	.00286	.00029	.00310	.00071	.00020
SDev	.00117	.00886	.00035	.00005	.00150	.00036	.00020
%RSD	109.47	95.887	12.185	16.125	48.432	51.390	98.330
#1	.00024	-.00297	.00311	.00026	.00416	.00045	.00006
#2	.00190	-.01550	.00262	.00032	.00204	.00096	.00034
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00192	.00010
SDev	.00049	.00049
%RSD	25.718	480.10
#1	.00227	-.00024
#2	.00157	.00044
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2772	--	--	--	--	--	--
SDev	1.272827	--	--	--	--	--	--
%RSD	.0459111	--	--	--	--	--	--
#1	2771	--	--	--	--	--	--
#2	2773	--	--	--	--	--	--

Analysis Report Blank Sample 03/28/06 10:28:18 PM page 1

Method: TRACE2 Sample Name: CRI Operator: SW
Run Time: 03/28/06 22:23:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21026	.00961	.06217	.00206	.00208	.51124	.00106
SDev	.00150	.00129	.00003	.00008	.00001	.00157	.00009
%RSD	.71093	13.465	.04528	3.8007	.35970	.30691	8.7783
#1	.20920	.01052	.06215	.00201	.00207	.51014	.00099
#2	.21131	.00869	.06219	.00212	.00208	.51235	.00112
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.07500	.00300	.00300	.75000	.00150
Low	.10000	.00500	.02500	.00100	.00100	.25000	.00050

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00435	.00391	.01000	.04795	.44097	.21676	.00296
SDev	.00021	.00022	.00023	.00474	.01263	.00026	.00006
%RSD	4.9526	5.7183	2.3078	9.8768	2.8637	.12080	1.9152
#1	.00420	.00406	.01017	.05130	.44989	.21657	.00292
#2	.00450	.00375	.00984	.04460	.43204	.21694	.00300
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01060	1.2517	.01014	.00624	.00499	.00541	.01396
SDev	.00026	.0683	.00072	.00098	.00174	.00084	.00046
%RSD	2.4632	5.4554	7.1344	15.636	34.907	15.492	3.2848
#1	.01042	1.2034	.01065	.00693	.00376	.00482	.01428
#2	.01079	1.3000	.00963	.00555	.00623	.00600	.01363
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01500	1.5000	.01500			.00750	.02250
Low	.00500	.50000	.00500			.00250	.00750

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01979	.01138	.01525	.00537	.02234	.00526	.02043
SDev	.00226	.00458	.00160	.00020	.00076	.00009	.00030
%RSD	11.419	40.248	10.503	3.6451	3.3928	1.7200	1.4744
#1	.01820	.01461	.01412	.00551	.02287	.00519	.02064
#2	.02139	.00814	.01638	.00523	.02180	.00532	.02022
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.03000			.00750	.03000	.00750	.03000
Low	.01000			.00250	.01000	.00250	.01000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00739	.00351
SDev	.00040	.00079
%RSD	5.4421	22.468
#1	.00711	.00407
#2	.00768	.00295
Errors	LC Pass	LC Pass
High	.01500	.00450
Low	.00500	.00150

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2785	--	--	--	--	--	--
SDev	.2651650	--	--	--	--	--	--
%RSD	.0095227	--	--	--	--	--	--
#1	2784	--	--	--	--	--	--
#2	2785	--	--	--	--	--	--

Analysis Report QC Standard 03/28/06 10:33:08 PM page 1

Method: TRACE2 Sample Name: ICSA Operator: SW
Run Time: 03/28/06 22:28:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	506.17	.00262	-.00305	.01206	.00139	533.76	.00470
SDev	1.22	.00265	.00018	.00006	.00002	.26	.00009
%RSD	.24196	101.14	5.9139	.50566	1.6706	.04845	1.9944
#1	507.04	.00075	-.00292	.01202	.00141	533.94	.00463
#2	505.31	.00449	-.00317	.01210	.00138	533.58	.00477
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value	500.00					500.00	
Range	100.00					100.00	

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00081	-.01295	-.00002	190.69	-.02245	515.50	.00013
SDev	.00004	.00014	.00007	.45	.01866	1.13	.00008
%RSD	4.4579	1.0485	278.60	.23602	83.097	.21849	59.714
#1	.00084	-.01305	.00002	191.01	-.00926	516.30	.00008
#2	.00079	-.01286	-.00007	190.37	-.03565	514.70	.00019
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK	QC Pass	NOCHECK
Value				200.00		500.00	
Range				40.000		100.00	

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00213	.04267	-.00014	.04170	-.02244	-.00108	.00227
SDev	.00104	.22461	.00019	.00011	.00749	.00503	.00635
%RSD	48.939	526.39	136.87	.26129	33.359	465.49	279.59
#1	.00286	.20149	-.00000	.04163	-.02773	-.00464	-.00222
#2	.00139	-.11615	-.00028	.04178	-.01715	.00248	.00676
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00246	-.00672	.00677	.00090	.00519	-.00147	.00230
SDev	.00015	.00080	.00993	.00006	.00908	.00001	.00012
%RSD	6.3082	11.944	146.67	6.0679	175.00	.42491	5.2992
#1	.00235	-.00615	-.00025	.00086	.01161	-.00146	.00222
#2	.00257	-.00729	.01379	.00094	-.00123	-.00147	.00239
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00283	.00020
SDev	.00451	.00025
%RSD	159.30	125.72
#1	.00601	.00002
#2	-.00036	.00037
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2605	--	--	--	--	--	--
SDev	15.22058	--	--	--	--	--	--
%RSD	.5841963	--	--	--	--	--	--
#1	2595	--	--	--	--	--	--
#2	2616	--	--	--	--	--	--

Analysis Report QC Standard 03/28/06 10:37:58 PM page 1

Method: TRACE2 Sample Name: ICSAB Operator: SW
Run Time: 03/28/06 22:33:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	522.80	.10544	.00116	.53440	.50199	561.00	.97956
SDev	.23	.00398	.00033	.00331	.00019	1.50	.00220
%RSD	.04382	3.7784	28.866	.62039	.03722	.26764	.22467
#1	522.97	.10826	.00092	.53675	.50212	562.06	.98112
#2	522.64	.10262	.00139	.53206	.50186	559.94	.97801
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49339	.48479	.55153	96.967	-.02112	493.61	.49618
SDev	.00015	.00006	.00020	.114	.01918	.34	.00020
%RSD	.02982	.01175	.03659	.11711	90.784	.06960	.04066
#1	.49328	.48483	.55167	96.886	-.00756	493.86	.49604
#2	.49349	.48475	.55139	97.047	-.03468	493.37	.49632
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00166	-.09395	.93830	.09462	.02793	.05014	.05125
SDev	.00086	.09470	.00226	.00145	.00104	.00118	.00154
%RSD	51.805	100.79	.24075	1.5327	3.7431	2.3539	3.0113
#1	.00227	-.16091	.93989	.09360	.02719	.04930	.05015
#2	.00105	-.02699	.93670	.09565	.02867	.05097	.05234
Errors	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value			1.0000			.05000	.05000
Range			.20000			.01000	.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.63562	.04030	.05672	.00116	.10703	.50467	.94352
SDev	.00991	.00349	.00057	.00003	.00382	.00017	.00169
%RSD	1.5593	8.6623	1.0034	2.5822	3.5665	.03475	.17969
#1	.64263	.03784	.05631	.00114	.10433	.50479	.94472
#2	.62861	.04277	.05712	.00119	.10973	.50454	.94233
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.60000				.10000	.50000	1.0000
Range	.12000				.02000	.10000	.20000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00430	.21827
SDev	.00264	.00119
%RSD	61.329	.54303
#1	.00617	.21911
#2	.00244	.21744
Errors	NOCHECK	QC Pass
Value		.20000
Range		.04000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2577	--	--	--	--	--	--
SDev	3.606141	--	--	--	--	--	--
%RSD	.1399356	--	--	--	--	--	--
#1	2580	--	--	--	--	--	--
#2	2574	--	--	--	--	--	--

Analysis Report QC Standard 03/28/06 10:44:08 PM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 03/28/06 22:39:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.107	.48664	.48294	.48470	.50361	25.218	.49224
SDev	.090	.00310	.00149	.00234	.00106	.038	.00173
%RSD	.36033	.63778	.30774	.48368	.21078	.15053	.35200
#1	25.171	.48883	.48399	.48636	.50436	25.244	.49346
#2	25.043	.48445	.48189	.48304	.50286	25.191	.49101
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49894	.50295	.52197	25.184	25.263	25.226	.51203
SDev	.00108	.00197	.00184	.064	.092	.029	.00149
%RSD	.21675	.39145	.35325	.25494	.36468	.11552	.29120
#1	.49970	.50434	.52327	25.229	25.328	25.246	.51309
#2	.49818	.50156	.52066	25.139	25.198	25.205	.51098
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50246	24.926	.50232	.50068	.49860	.49929	.49854
SDev	.00003	.170	.00144	.00153	.00445	.00246	.00080
%RSD	.00605	.68079	.28723	.30540	.89358	.49321	.16095
#1	.50248	24.806	.50334	.50176	.49545	.49755	.49910
#2	.50243	25.046	.50130	.49959	.50175	.50103	.49797
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50229	.50905	.49329	.51175	.50609	.50329	.49564
SDev	.00121	.00458	.00109	.00159	.00283	.00139	.00119
%RSD	.24028	.90056	.22067	.31058	.56027	.27548	.24022
#1	.50315	.51229	.49252	.51288	.50810	.50427	.49648
#2	.50144	.50581	.49406	.51063	.50409	.50231	.49480
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.52238	.49376
SDev	.00194	.00090
%RSD	.37072	.18287
#1	.52375	.49440
#2	.52101	.49312
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2739	--	--	--	--	--	--
SDev	20.57688	--	--	--	--	--	--
%RSD	.7512139	--	--	--	--	--	--
#1	2725	--	--	--	--	--	--
#2	2754	--	--	--	--	--	--

Analysis Report Blank Sample 03/28/06 10:48:59 PM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 03/28/06 22:44:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01358	.00064	L-.00679	.00001	.00011	-.00279	.00007
SDev	.00795	.00052	.00000	.00005	.00002	.00600	.00006
%RSD	58.561	81.747	.04610	403.59	19.103	215.03	76.155
#1	.00796	.00101	L-.00679	.00004	.00010	-.00704	.00003
#2	.01920	.00027	L-.00680	-.00002	.00013	.00145	.00011
Errors	LC Pass	LC Pass	LC Low	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00030	.00050	-.00020	.00790	-.01787	.00642	-.00005
SDev	.00036	.00026	.00010	.00155	.00221	.00820	.00002
%RSD	119.31	53.240	51.183	19.618	12.390	127.63	37.080
#1	.00055	.00031	-.00012	.00680	-.01631	.00063	-.00006
#2	.00005	.00068	-.00027	.00900	-.01944	.01222	-.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00139	-.14859	.00010	.00219	.00013	.00081	-.00088
SDev	.00112	.05526	.00029	.00194	.00080	.00118	.00038
%RSD	80.213	37.191	307.73	88.613	634.27	145.06	42.958
#1	.00060	-.10951	-.00011	.00356	.00069	.00165	-.00061
#2	.00218	-.18767	.00030	.00082	-.00044	-.00002	-.00115
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00032	-.00935	.00335	.00034	.00081	.00013	-.00015
SDev	.00379	.00054	.00030	.00005	.00101	.00027	.00010
%RSD	1200.8	5.7287	8.9633	13.517	124.58	212.72	67.647
#1	.00236	-.00897	.00356	.00037	.00152	.00032	-.00008
#2	-.00300	-.00973	.00314	.00030	.00010	-.00006	-.00022
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00029	-.00004
SDev	.00018	.00018
%RSD	61.506	468.01
#1	-.00016	.00009
#2	-.00042	-.00016
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2774	--	--	--	--	--	--
SDev	8.856443	--	--	--	--	--	--
%RSD	.3193194	--	--	--	--	--	--
#1	2767	--	--	--	--	--	--
#2	2780	--	--	--	--	--	--

Analysis Report 03/28/06 10:53:50 PM page 1

Method: TRACE2 Sample Name: AD613835 Operator: SW
Run Time: 03/28/06 22:49:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1633	.00277	.00058	.10699	.00015	63.298	.00017
SDev	.0013	.00153	.00029	.00029	.00001	.095	.00005
%RSD	.10834	55.117	49.003	.27162	8.8245	.14952	26.776
#1	1.1642	.00385	.00078	.10678	.00016	63.231	.00014
#2	1.1624	.00169	.00038	.10719	.00014	63.365	.00021
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00333	.00178	.00164	10.747	1.1564	14.887	.71487
SDev	.00008	.00021	.00010	.018	.0206	.021	.00026
%RSD	2.5287	12.062	5.7891	.16581	1.7847	.13995	.03634
#1	.00339	.00163	.00170	10.735	1.1710	14.872	.71469
#2	.00327	.00194	.00157	10.760	1.1418	14.902	.71505
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00117	61.434	.00386	.00241	.00084	.00137	.00008
SDev	.00017	.378	.00045	.00172	.00051	.00091	.00172
%RSD	14.858	.61530	11.617	71.422	60.118	66.766	2108.1
#1	.00104	61.166	.00354	.00363	.00120	.00201	.00130
#2	.00129	61.701	.00418	.00120	.00049	.00072	-.00114
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00101	-.00557	.00291	.03567	.00145	.00324	.00809
SDev	.00272	.00624	.00054	.00085	.00143	.00007	.00036
%RSD	269.80	112.06	18.555	2.3779	98.583	2.2585	4.4617
#1	-.00293	-.00116	.00253	.03507	.00044	.00319	.00783
#2	.00091	-.00998	.00329	.03627	.00246	.00329	.00834
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00021	.00055
SDev	.00439	.00043
%RSD	2072.4	79.081
#1	-.00332	.00085
#2	.00289	.00024
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2774	--	--	--	--	--	--
SDev	13.57642	--	--	--	--	--	--
%RSD	.4894783	--	--	--	--	--	--
#1	2764	--	--	--	--	--	--
#2	2783	--	--	--	--	--	--

Analysis Report 03/28/06 10:58:41 PM page 1

Method: TRACE2 Sample Name: AD613836 Operator: SW
Run Time: 03/28/06 22:53:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02241	.00332	.02230	.91635	.00021	201.90	.00126
SDev	.00676	.00036	.00047	.00095	.00002	.61	.00010
%RSD	30.152	10.962	2.1322	.10375	10.722	.30454	8.0928
#1	.01763	.00358	.02196	.91568	.00019	201.47	.00118
#2	.02719	.00306	.02263	.91702	.00023	202.34	.00133
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00084	.00099	-.00008	92.067	3.3705	40.842	.39875
SDev	.00033	.00015	.00024	.190	.0144	.071	.00043
%RSD	39.064	15.576	292.56	.20667	.42771	.17432	.10741
#1	.00061	.00088	.00009	91.932	3.3807	40.792	.39845
#2	.00107	.00110	-.00025	92.201	3.3603	40.892	.39905
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00127	6.5359	.00077	.00025	-.00093	-.00054	.00050
SDev	.00025	.0877	.00033	.00052	.00004	.00015	.00025
%RSD	19.765	1.3423	42.609	208.57	4.4259	27.300	49.407
#1	.00144	6.4738	.00054	.00062	-.00096	-.00043	.00033
#2	.00109	6.5979	.00101	-.00012	-.00090	-.00064	.00068
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00228	-.01140	.00645	.00057	.00441	-.00024	.00265
SDev	.00180	.00090	.00082	.00005	.00011	.00009	.00011
%RSD	79.089	7.9023	12.743	8.7749	2.5734	35.853	4.1916
#1	.00355	-.01076	.00587	.00060	.00449	-.00030	.00257
#2	.00100	-.01204	.00703	.00053	.00433	-.00018	.00273
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00233	.00052
SDev	.00062	.00015
%RSD	26.508	27.735
#1	.00276	.00042
#2	.00189	.00063
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2745	--	--	--	--	--	--
SDev	1.431995	--	--	--	--	--	--
%RSD	.0521638	--	--	--	--	--	--
#1	2744	--	--	--	--	--	--
#2	2746	--	--	--	--	--	--

Analysis Report 03/28/06 11:03:32 PM page 1

Method: TRACE2 Sample Name: AD613837 Operator: SW
Run Time: 03/28/06 22:58:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02139	.00394	.02182	.93078	.00021	218.24	.00159
SDev	.00053	.00153	.00141	.01212	.00000	1.68	.00021
%RSD	2.4926	38.914	6.4800	1.3016	1.1951	.76962	13.258
#1	.02176	.00502	.02282	.93935	.00021	219.43	.00144
#2	.02101	.00285	.02082	.92222	.00021	217.05	.00174
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00094	.00154	-.00009	96.551	3.4581	38.207	.43370
SDev	.00033	.00042	.00117	.325	.0431	.211	.00155
%RSD	34.573	27.497	1281.3	.33627	1.2457	.55188	.35658
#1	.00071	.00124	-.00092	96.781	3.4885	38.356	.43480
#2	.00117	.00184	.00074	96.321	3.4276	38.058	.43261
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00107	8.0133	.00026	-.00142	.00283	.00142	.00076
SDev	.00018	.0973	.00011	.00230	.00330	.00144	.00086
%RSD	17.181	1.2144	42.029	162.62	116.68	101.38	113.05
#1	.00120	7.9445	.00019	.00021	.00050	.00040	.00137
#2	.00094	8.0821	.00034	-.00304	.00516	.00243	.00015
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00156	-.01430	.00829	.00016	.00981	.00010	.00401
SDev	.00258	.00339	.00299	.00007	.00005	.00017	.00008
%RSD	165.22	23.743	36.049	45.996	.54887	169.26	2.0951
#1	.00026	-.01670	.01040	.00011	.00978	.00022	.00395
#2	-.00338	-.01190	.00618	.00022	.00985	-.00002	.00407
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00168	.00004
SDev	.00011	.00043
%RSD	6.5453	1153.3
#1	.00176	-.00027
#2	.00160	.00034
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2766	--	--	--	--	--	--
SDev	4.295639	--	--	--	--	--	--
%RSD	.1553078	--	--	--	--	--	--
#1	2769	--	--	--	--	--	--
#2	2763	--	--	--	--	--	--

Analysis Report 03/28/06 11:08:23 PM page 1

Method: TRACE2 Sample Name: AD613838 Operator: SW
Run Time: 03/28/06 23:03:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05237	.00157	.04271	.85908	.00019	183.53	.00176
SDev	.00234	.00231	.00119	.00225	.00001	.27	.00008
%RSD	4.4781	147.32	2.7870	.26229	3.3968	.14469	4.7031
#1	.05071	.00320	.04187	.86067	.00019	183.71	.00170
#2	.05403	-.00007	.04355	.85749	.00018	183.34	.00182
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00064	.00513	.00057	93.433	4.5604	35.258	.21380
SDev	.00011	.00000	.00023	.179	.0271	.079	.00053
%RSD	17.507	.01131	40.052	.19133	.59507	.22283	.24959
#1	.00056	.00512	.00073	93.559	4.5795	35.313	.21418
#2	.00072	.00513	.00041	93.306	4.5412	35.202	.21343
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00099	10.054	.00078	-.00033	.00042	.00017	-.00055
SDev	.00001	.013	.00031	.00505	.00054	.00132	.00073
%RSD	1.0145	.12816	39.424	1517.2	127.58	781.25	132.10
#1	.00099	10.064	.00100	.00324	.00004	.00111	-.00004
#2	.00100	10.045	.00056	-.00390	.00080	-.00077	-.00106
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	-.00945	.00390	.00192	.00321	.00050	.00293
SDev	.00234	.00841	.00311	.00007	.00332	.00028	.00000
%RSD	3092.0	88.987	79.858	3.7020	103.69	56.984	.11964
#1	-.00158	-.00350	.00170	.00187	.00556	.00070	.00293
#2	.00173	-.01540	.00610	.00197	.00086	.00030	.00293
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00051	.00064
SDev	.00019	.00056
%RSD	37.694	88.060
#1	.00038	.00104
#2	.00065	.00024
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2756	--	--	--	--	--	--
SDev	14.53091	--	--	--	--	--	--
%RSD	.5271553	--	--	--	--	--	--
#1	2746	--	--	--	--	--	--
#2	2767	--	--	--	--	--	--

Analysis Report 03/28/06 11:13:14 PM page 1

Method: TRACE2 Sample Name: AD613839 Operator: SW
Run Time: 03/28/06 23:08:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06174	.00077	.00597	.09295	.00015	164.93	.00026
SDev	.00142	.00065	.00049	.00010	.00002	.41	.00008
%RSD	2.2945	85.472	8.1766	.10529	9.4356	.24988	30.300
#1	.06074	.00123	.00562	.09302	.00016	164.64	.00021
#2	.06274	.00030	.00632	.09288	.00014	165.22	.00032
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00013	.00042	.00019	22.245	15.386	30.903	.82142
SDev	.00015	.00008	.00003	.039	.000	.047	.00081
%RSD	118.00	19.967	17.525	.17329	.00288	.15317	.09916
#1	.00002	.00036	.00022	22.218	15.387	30.870	.82084
#2	.00023	.00048	.00017	22.273	15.386	30.937	.82200
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00061	14.824	-.00001	.00130	-.00139	-.00049	-.00124
SDev	.00022	.132	.00068	.00319	.00187	.00018	.00385
%RSD	36.206	.88926	12861.	245.81	134.49	37.000	309.95
#1	.00046	14.917	-.00048	.00356	-.00271	-.00062	.00148
#2	.00077	14.731	.00047	-.00096	-.00007	-.00036	-.00397
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00449	-.00430	.00028	.00016	.00181	-.00047	.00681
SDev	.00133	.00300	.00728	.00010	.00143	.00083	.00029
%RSD	29.619	69.771	2556.9	57.713	78.839	176.40	4.2047
#1	-.00543	-.00642	.00543	.00010	.00080	-.00105	.00660
#2	-.00355	-.00218	-.00486	.00023	.00282	.00012	.00701
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00080	.00020
SDev	.00222	.00016
%RSD	276.72	80.934
#1	-.00237	.00009
#2	.00077	.00032
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2746	--	--	--	--	--	--
SDev	8.166946	--	--	--	--	--	--
%RSD	.2974151	--	--	--	--	--	--
#1	2740	--	--	--	--	--	--
#2	2752	--	--	--	--	--	--

Analysis Report 03/28/06 11:18:05 PM page 1

Method: TRACE2 Sample Name: AD613781/PB Operator: SW
Run Time: 03/28/06 23:13:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01670	.00135	-.00713	-.00011	-.00001	.02631	-.00017
SDev	.00132	.00124	.00001	.00000	.00000	.00136	.00017
%RSD	7.8975	92.100	.12837	.11977	49.093	5.1727	97.942
#1	.01763	.00222	-.00712	-.00011	-.00001	.02534	-.00029
#2	.01576	.00047	-.00714	-.00011	-.00000	.02727	-.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	-.00001	-.00063	.00279	-.01853	.00055	-.00012
SDev	.00011	.00011	.00009	.00390	.01740	.00111	.00008
%RSD	124.81	1076.1	14.163	140.03	93.867	204.07	63.301
#1	.00001	-.00009	-.00057	.00554	-.00623	.00133	-.00017
#2	.00016	.00007	-.00069	.00003	-.03084	-.00024	-.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00071	.20724	-.00038	.00208	-.00022	.00055	-.00169
SDev	.00001	.10514	.00028	.00025	.00196	.00122	.00361
%RSD	1.8037	50.734	73.038	12.074	895.95	224.19	213.94
#1	.00072	.13289	-.00057	.00225	-.00160	-.00032	.00087
#2	.00070	.28158	-.00018	.00190	.00117	.00141	-.00424
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00070	-.00311	-.00098	.00003	.00313	.00013	.00103
SDev	.00605	.00106	.00595	.00009	.00402	.00027	.00000
%RSD	865.82	34.024	607.06	271.71	128.37	214.87	.09952
#1	.00358	-.00385	.00323	.00010	.00029	.00032	.00103
#2	-.00497	-.00236	-.00518	-.00003	.00597	-.00007	.00103
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00013	.00044
SDev	.00112	.00014
%RSD	880.61	32.077
#1	-.00067	.00054
#2	.00092	.00034
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2809	--	--	--	--	--	--
SDev	2.174319	--	--	--	--	--	--
%RSD	.0774030	--	--	--	--	--	--
#1	2811	--	--	--	--	--	--
#2	2808	--	--	--	--	--	--

Analysis Report 03/28/06 11:22:56 PM page 1

Method: TRACE2 Sample Name: AD613780/FB Operator: SW
Run Time: 03/28/06 23:18:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.191	.20535	.19273	.21196	.20609	10.087	.20431
SDev	.008	.00023	.00038	.00003	.00020	.019	.00050
%RSD	.07923	.11392	.19698	.01372	.09970	.18804	.24578
#1	10.186	.20551	.19246	.21194	.20595	10.073	.20395
#2	10.197	.20518	.19299	.21198	.20624	10.100	.20466
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20572	.20459	.20703	10.219	10.028	10.242	.20343
SDev	.00053	.00054	.00002	.031	.010	.005	.00053
%RSD	.25860	.26319	.00978	.30662	.10135	.04744	.26009
#1	.20534	.20421	.20705	10.197	10.035	10.238	.20306
#2	.20610	.20497	.20702	10.241	10.021	10.245	.20380
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20464	10.358	.20718	.20832	.21050	.20977	.20658
SDev	.00202	.019	.00082	.00077	.00110	.00099	.00177
%RSD	.98766	.18388	.39844	.37187	.52017	.47113	.85644
#1	.20321	10.345	.20660	.20777	.20973	.20908	.20783
#2	.20607	10.372	.20777	.20886	.21128	.21047	.20533
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.23000	11.500	.23000			.23000	.23000
Low	.17000	8.5000	.17000			.17000	.17000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20686	.21072	.20452	.20708	.20448	.20584	.21053
SDev	.00292	.00538	.00003	.00051	.00219	.00062	.00037
%RSD	1.4090	2.5512	.01667	.24441	1.0699	.30006	.17730
#1	.20480	.21452	.20449	.20672	.20293	.20540	.21027
#2	.20892	.20692	.20454	.20743	.20602	.20628	.21079
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000			.23000	.23000	.23000	.23000
Low	.17000			.17000	.17000	.17000	.17000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20747	.05159
SDev	.00012	.00017
%RSD	.05710	.33154
#1	.20756	.05171
#2	.20739	.05147
Errors	LC Pass	LC Pass
High	.23000	.05750
Low	.17000	.04250

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2796	--	--	--	--	--	--
SDev	16.12190	--	--	--	--	--	--
%RSD	.5765593	--	--	--	--	--	--
#1	2785	--	--	--	--	--	--
#2	2808	--	--	--	--	--	--

Analysis Report 03/28/06 11:27:46 PM page 1

Method: TRACE2 Sample Name: AD613761 Operator: SW
Run Time: 03/28/06 23:22:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01314	.00146	L-.00894	.00414	-.00001	6.6661	-.00006
SDev	.00217	.00085	.00020	.00018	.00004	.0350	.00008
%RSD	16.525	58.238	2.2498	4.4576	368.64	.52459	149.53
#1	.01160	.00205	L-.00880	.00427	.00002	6.6908	.00000
#2	.01467	.00086	L-.00908	.00401	-.00004	6.6414	-.00011
Errors	LC Pass	LC Pass	LC Low	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00009	.00030	-.00071	.00385	.22388	1.8029	.00004
SDev	.00002	.00030	.00013	.00383	.01664	.0114	.00003
%RSD	27.761	99.770	18.372	99.577	7.4304	.63056	86.163
#1	.00011	.00009	-.00062	.00114	.23564	1.8110	.00002
#2	.00007	.00051	-.00080	.00655	.21212	1.7949	.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00109	3.0407	.00016	-.00038	-.00097	-.00077	.00061
SDev	.00045	.1116	.00020	.00002	.00097	.00064	.00142
%RSD	41.492	3.6716	127.85	6.0289	100.61	83.152	231.15
#1	.00141	3.1196	.00002	-.00036	-.00166	-.00122	-.00039
#2	.00077	2.9617	.00030	-.00040	-.00028	-.00032	.00161
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00142	-.00380	.00282	-.00000	-.00215	.00051	.00256
SDev	.00166	.00094	.00259	.00020	.00238	.00045	.00023
%RSD	116.91	24.751	92.063	4204.5	110.63	89.427	8.8948
#1	-.00025	-.00313	.00098	.00013	-.00047	.00083	.00272
#2	-.00259	-.00446	.00465	-.00014	-.00383	.00019	.00240
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00121	-.00021
SDev	.00221	.00010
%RSD	182.94	48.786
#1	-.00035	-.00014
#2	.00277	-.00028
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2818	--	--	--	--	--	--
SDev	26.94066	--	--	--	--	--	--
%RSD	.9558511	--	--	--	--	--	--
#1	2799	--	--	--	--	--	--
#2	2838	--	--	--	--	--	--

Analysis Report 03/28/06 11:32:37 PM page 1

Method: TRACE2 Sample Name: AD613762 Operator: SW
Run Time: 03/28/06 23:27:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01034	.00038	.02556	.02465	.00009	69.313	.00003
SDev	.00142	.00075	.00098	.00018	.00000	.150	.00000
%RSD	13.684	198.64	3.8249	.74453	5.2291	.21626	13.135
#1	.00934	.00091	.02486	.02478	.00008	69.419	.00003
#2	.01134	-.00015	.02625	.02452	.00009	69.207	.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	.00039	.00282	.01365	.56425	44.256	.00329
SDev	.00008	.00003	.00036	.00327	.01858	.010	.00002
%RSD	22.708	6.5954	12.943	23.993	3.2935	.02214	.54507
#1	.00039	.00041	.00256	.01133	.57739	44.263	.00328
#2	.00029	.00037	.00308	.01596	.55111	44.249	.00330
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00230	33.266	.00088	-.00167	.00197	.00076	-.00182
SDev	.00014	.056	.00034	.00089	.00047	.00061	.00235
%RSD	6.0987	.16811	37.956	53.188	23.596	79.610	129.36
#1	.00240	33.306	.00112	-.00229	.00164	.00033	-.00015
#2	.00220	33.227	.00065	-.00104	.00230	.00119	-.00348
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	-.00988	.00222	.00040	-.00210	.00013	.00699
SDev	.00222	.00149	.00278	.00017	.00155	.00009	.00006
%RSD	1131.5	15.066	125.29	43.406	73.962	71.141	.90799
#1	.00177	-.00883	.00418	.00028	-.00100	.00006	.00703
#2	-.00137	-.01094	.00025	.00053	-.00320	.00020	.00694
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00291	.00011
SDev	.00120	.00026
%RSD	41.439	226.97
#1	.00376	.00029
#2	.00206	-.00007
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2750	--	--	--	--	--	--
SDev	13.41725	--	--	--	--	--	--
%RSD	.4878223	--	--	--	--	--	--
#1	2760	--	--	--	--	--	--
#2	2741	--	--	--	--	--	--

Analysis Report 03/28/06 11:37:28 PM page 1

Method: TRACE2 Sample Name: AD613763 Operator: SW
Run Time: 03/28/06 23:32:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01353	.00255	.39612	.01434	.00011	72.546	.00001
SDev	.00095	.00003	.00585	.00035	.00008	1.482	.00006
%RSD	7.0248	1.2678	1.4769	2.4507	79.004	2.0424	701.93
#1	.01420	.00253	.40026	.01459	.00016	73.594	.00005
#2	.01286	.00258	.39199	.01409	.00005	71.498	-.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00016	.00036	-.00008	-.00213	2.2522	38.615	.01400
SDev	.00009	.00027	.00018	.00164	.0497	.787	.00035
%RSD	54.567	73.980	223.11	76.967	2.2072	2.0393	2.5161
#1	.00022	.00055	.00005	-.00097	2.2873	39.171	.01424
#2	.00010	.00017	-.00021	-.00329	2.2170	38.058	.01375
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06031	88.972	-.00024	.00080	.00044	.00056	-.00269
SDev	.00135	1.608	.00056	.00253	.00267	.00094	.00292
%RSD	2.2371	1.8077	228.98	315.91	612.00	168.08	108.39
#1	.06127	90.109	-.00064	.00259	-.00145	-.00010	-.00063
#2	.05936	87.835	.00015	-.00099	.00232	.00122	-.00476
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00049	-.00641	-.00083	.00018	-.00033	.00016	.00281
SDev	.00116	.00126	.00501	.00019	.00175	.00009	.00049
%RSD	234.90	19.696	602.28	106.09	528.36	56.107	17.371
#1	.00131	-.00731	.00271	.00031	-.00156	.00009	.00315
#2	-.00033	-.00552	-.00437	.00004	.00090	.00022	.00246
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00037	.00027
SDev	.00063	.00004
%RSD	168.75	13.771
#1	-.00007	.00024
#2	.00082	.00029
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2721	--	--	--	--	--	--
SDev	62.95028	--	--	--	--	--	--
%RSD	2.313275	--	--	--	--	--	--
#1	2677	--	--	--	--	--	--
#2	2766	--	--	--	--	--	--

Analysis Report QC Standard 03/28/06 11:43:39 PM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 03/28/06 23:38:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.169	.48507	.47665	.49258	.50273	25.296	.49122
SDev	.033	.00393	.00054	.00161	.00100	.060	.00024
%RSD	.13166	.80999	.11300	.32790	.19930	.23889	.04829
#1	25.145	.48229	.47704	.49144	.50203	25.253	.49105
#2	25.192	.48785	.47627	.49372	.50344	25.339	.49139
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49464	.49872	.52210	24.975	25.034	25.246	.50728
SDev	.00083	.00046	.00088	.037	.015	.043	.00049
%RSD	.16867	.09185	.16907	.14955	.05955	.16882	.09600
#1	.49405	.49905	.52147	24.949	25.023	25.216	.50694
#2	.49523	.49840	.52272	25.002	25.044	25.276	.50763
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50001	25.069	.50324	.49911	.49976	.49954	.50485
SDev	.00354	.211	.00083	.00062	.00300	.00180	.00289
%RSD	.70862	.84032	.16418	.12391	.60124	.35997	.57319
#1	.49751	24.920	.50265	.49955	.49763	.49827	.50280
#2	.50252	25.218	.50382	.49868	.50188	.50081	.50689
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50275	.51341	.50057	.51498	.50831	.50240	.49339
SDev	.00355	.00769	.00818	.00086	.00265	.00105	.00038
%RSD	.70530	1.4972	1.6349	.16784	.52195	.20985	.07615
#1	.50024	.51885	.49478	.51436	.50644	.50165	.49312
#2	.50525	.50798	.50636	.51559	.51019	.50314	.49365
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.52175	.49682
SDev	.00152	.00068
%RSD	.29084	.13685
#1	.52068	.49634
#2	.52282	.49730
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2757	--	--	--	--	--	--
SDev	10.28844	--	--	--	--	--	--
%RSD	.3732056	--	--	--	--	--	--
#1	2750	--	--	--	--	--	--
#2	2764	--	--	--	--	--	--

Analysis Report Blank Sample 03/28/06 11:48:30 PM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 03/28/06 23:43:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01295	.00174	L-.00847	.00002	.00015	-.00169	.00001
SDev	.00059	.00118	.00031	.00003	.00002	.00213	.00005
%RSD	4.5798	67.405	3.6201	141.56	15.751	126.28	316.70
#1	.01253	.00091	L-.00869	-.00000	.00017	-.00018	.00005
#2	.01337	.00258	L-.00826	.00004	.00014	-.00320	-.00002
Errors	LC Pass	LC Pass	LC Low	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00009	.00001	-.00081	.00906	-.02122	.00352	-.00001
SDev	.00015	.00020	.00041	.01268	.02047	.00162	.00000
%RSD	169.37	1774.8	50.467	139.97	96.475	46.012	29.386
#1	-.00002	-.00013	-.00052	.00009	-.00674	.00238	-.00000
#2	.00020	.00015	-.00110	.01802	-.03569	.00467	-.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00094	-.17499	-.00013	-.00031	.00085	.00046	-.00171
SDev	.00155	.11630	.00033	.00286	.00058	.00057	.00101
%RSD	166.10	66.460	252.60	911.67	68.179	122.94	58.816
#1	.00203	-.09275	-.00036	.00171	.00044	.00086	-.00242
#2	-.00016	-.25722	.00010	-.00234	.00126	.00006	-.00100
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00017	-.01015	.00251	.00029	.00196	.00026	-.00036
SDev	.00272	.00372	.00337	.00033	.00139	.00028	.00040
%RSD	1559.9	36.642	134.34	116.42	70.803	106.94	111.02
#1	.00175	-.00752	.00013	.00052	.00098	.00045	-.00065
#2	-.00210	-.01278	.00489	.00005	.00295	.00006	-.00008
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00008	.00008
SDev	.00012	.00045
%RSD	161.89	594.18
#1	.00016	.00039
#2	-.00001	-.00024
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2758	--	--	--	--	--	--
SDev	12.72792	--	--	--	--	--	--
%RSD	.4614324	--	--	--	--	--	--
#1	2749	--	--	--	--	--	--
#2	2767	--	--	--	--	--	--

Analysis Report 03/28/06 11:53:21 PM page 1

Method: TRACE2 Sample Name: AD613764 Operator: SW
Run Time: 03/28/06 23:48:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01124	.00142	.39885	.02521	.00011	96.205	-.00006
SDev	.00059	.00006	.00042	.00010	.00001	.148	.00010
%RSD	5.2111	3.8819	.10545	.40139	10.054	.15377	163.52
#1	.01083	.00139	.39915	.02514	.00011	96.101	-.00013
#2	.01165	.00146	.39856	.02529	.00010	96.310	.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00060	.00044	-.00036	.02154	4.0352	60.897	.02361
SDev	.00022	.00037	.00042	.00636	.0136	.026	.00004
%RSD	36.640	84.217	116.08	29.555	.33677	.04264	.15404
#1	.00044	.00018	-.00066	.01704	4.0448	60.879	.02364
#2	.00075	.00069	-.00007	.02604	4.0255	60.915	.02359
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03720	123.04	.03008	.00066	.00081	.00076	-.00138
SDev	.00017	.18	.00084	.00149	.00057	.00088	.00036
%RSD	.44800	.14296	2.7864	224.75	70.565	115.30	26.367
#1	.03732	122.92	.02949	-.00039	.00040	.00014	-.00112
#2	.03708	123.16	.03067	.00171	.00121	.00138	-.00164
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00079	-.00254	-.00080	-.00002	-.00155	.00040	.00284
SDev	.00138	.00346	.00118	.00012	.00192	.00028	.00010
%RSD	174.85	136.48	147.58	777.57	123.30	67.965	3.4642
#1	.00019	-.00009	-.00164	.00007	-.00020	.00021	.00277
#2	-.00177	-.00498	.00003	-.00010	-.00291	.00060	.00291
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00054	.00064
SDev	.00032	.00031
%RSD	59.773	48.312
#1	-.00031	.00086
#2	-.00077	.00042
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2751	--	--	--	--	--	--
SDev	1.962325	--	--	--	--	--	--
%RSD	.0713440	--	--	--	--	--	--
#1	2749	--	--	--	--	--	--
#2	2752	--	--	--	--	--	--

Analysis Report 03/28/06 11:58:12 PM page 1

Method: TRACE2 Sample Name: AD613765 Operator: SW
Run Time: 03/28/06 23:53:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01391	.00075	.00447	.04455	.00012	125.07	-.00010
SDev	.00342	.00089	.00048	.00053	.00001	.15	.00012
%RSD	24.610	118.91	10.789	1.1948	9.5840	.12357	112.85
#1	.01149	.00139	.00481	.04492	.00011	125.18	-.00019
#2	.01633	.00012	.00413	.04417	.00013	124.96	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00026	.00011	.00154	.00579	1.1385	47.719	.00866
SDev	.00032	.00003	.00039	.00645	.0108	.033	.00000
%RSD	125.43	25.596	25.219	111.36	.95178	.06884	.02092
#1	.00003	.00009	.00127	.00123	1.1462	47.695	.00866
#2	.00049	.00013	.00181	.01035	1.1308	47.742	.00866
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00067	9.6765	.00046	-.00174	-.00076	-.00108	-.00309
SDev	.00006	.0881	.00088	.00087	.00064	.00072	.00058
%RSD	9.0620	.91042	188.27	49.682	85.060	66.120	18.892
#1	.00063	9.6142	-.00015	-.00113	-.00030	-.00058	-.00350
#2	.00072	9.7388	.00108	-.00236	-.00121	-.00159	-.00268
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00217	-.00766	-.00081	-.00002	.00324	.00020	.00401
SDev	.00092	.00150	.00013	.00002	.00017	.00055	.00012
%RSD	42.227	19.557	15.737	74.190	5.2955	281.69	3.0522
#1	-.00152	-.00872	-.00090	-.00004	.00311	-.00020	.00393
#2	-.00282	-.00660	-.00072	-.00001	.00336	.00059	.00410
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00024	.00012
SDev	.00047	.00031
%RSD	194.84	249.49
#1	-.00057	.00034
#2	.00009	-.00010
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2739	--	--	--	--	--	--
SDev	12.25059	--	--	--	--	--	--
%RSD	.4472835	--	--	--	--	--	--
#1	2748	--	--	--	--	--	--
#2	2730	--	--	--	--	--	--

Analysis Report 03/29/06 00:03:03 AM page 1

Method: TRACE2 Sample Name: AD613765/L (1:5) Operator: SW
Run Time: 03/28/06 23:58:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00714	-.00121	-.00647	.00881	.00005	24.387	-.00004
SDev	.00037	.00003	.00031	.00005	.00001	.041	.00012
%RSD	5.2006	2.6194	4.7508	.50677	23.162	.16647	321.34
#1	.00740	-.00123	-.00626	.00878	.00004	24.358	.00005
#2	.00688	-.00119	-.00669	.00884	.00005	24.416	-.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	-.00008	-.00004	.00012	.19647	9.5005	.00158
SDev	.00018	.00016	.00008	.00322	.02018	.0078	.00009
%RSD	176.52	202.17	181.61	2586.0	10.270	.08159	5.9437
#1	.00023	-.00019	-.00010	.00240	.21074	9.4950	.00151
#2	-.00003	.00003	.00001	-.00216	.18221	9.5060	.00164
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00045	1.8663	.00003	-.00123	-.00065	-.00084	.00065
SDev	.00004	.0566	.00015	.00155	.00012	.00044	.00018
%RSD	9.0886	3.0326	441.23	125.63	18.392	51.753	28.117
#1	.00042	1.9063	-.00007	-.00014	-.00073	-.00053	.00078
#2	.00048	1.8262	.00014	-.00233	-.00056	-.00115	.00052
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00024	-.00303	.00249	.00002	-.00058	.00000	.00050
SDev	.00174	.00405	.00230	.00006	.00044	.00009	.00000
%RSD	736.49	133.59	92.392	302.82	75.333	100240.	.44649
#1	.00100	-.00590	.00411	-.00002	-.00027	-.00007	.00051
#2	-.00147	-.00017	.00086	.00006	-.00089	.00007	.00050
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00316	.00041
SDev	.00054	.00013
%RSD	17.058	31.239
#1	.00278	.00032
#2	.00354	.00050
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2729	--	--	--	--	--	--
SDev	4.666801	--	--	--	--	--	--
%RSD	.1709874	--	--	--	--	--	--
#1	2726	--	--	--	--	--	--
#2	2733	--	--	--	--	--	--

Analysis Report 03/29/06 00:07:54 AM page 1

Method: TRACE2 Sample Name: AD613765/PS Operator: SW
Run Time: 03/29/06 00:03:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.8834	.20083	.20121	.24592	.20157	130.53	.19830
SDev	.0302	.00251	.00095	.00057	.00033	.37	.00039
%RSD	.30510	1.2508	.47167	.23332	.16226	.28348	.19839
#1	9.8621	.20261	.20054	.24551	.20134	130.27	.19802
#2	9.9047	.19905	.20188	.24632	.20180	130.79	.19858
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19580	.20088	.21311	10.124	11.538	56.459	.20686
SDev	.00100	.00079	.00014	.027	.006	.079	.00017
%RSD	.50929	.39504	.06751	.26958	.05249	.14048	.08403
#1	.19509	.20032	.21321	10.105	11.543	56.403	.20674
#2	.19650	.20144	.21301	10.143	11.534	56.515	.20699
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20284	19.801	.20190	.19719	.20032	.19928	.19955
SDev	.00054	.027	.00113	.00130	.00065	.00086	.00125
%RSD	.26429	.13737	.56143	.65985	.32335	.43423	.62466
#1	.20247	19.820	.20109	.19811	.20078	.19989	.20043
#2	.20322	19.781	.20270	.19627	.19986	.19866	.19867
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20148	.20230	.19818	.20275	.20245	.20254	.19553
SDev	.00474	.00131	.00253	.00052	.00146	.00007	.00072
%RSD	2.3514	.64902	1.2748	.25907	.72261	.03588	.37098
#1	.19813	.20138	.19996	.20237	.20141	.20259	.19502
#2	.20483	.20323	.19639	.20312	.20348	.20249	.19604
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20606	.05091
SDev	.00226	.00002
%RSD	1.0948	.04517
#1	.20447	.05090
#2	.20766	.05093
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2753	--	--	--	--	--	--
SDev	.2651650	--	--	--	--	--	--
%RSD	.0096324	--	--	--	--	--	--
#1	2753	--	--	--	--	--	--
#2	2753	--	--	--	--	--	--

Analysis Report 03/29/06 00:12:45 AM page 1

Method: TRACE2 Sample Name: AD613766/MS Operator: SW
Run Time: 03/29/06 00:07:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.258	.21048	.20205	.25663	.20692	134.56	.20250
SDev	.019	.00298	.00124	.00044	.00016	.28	.00004
%RSD	.18877	1.4143	.61437	.17201	.07808	.21115	.01807
#1	10.244	.21258	.20117	.25632	.20680	134.36	.20253
#2	10.271	.20837	.20292	.25694	.20703	134.76	.20248
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20406	.20398	.21071	10.225	11.641	57.710	.21357
SDev	.00012	.00053	.00085	.019	.002	.067	.00044
%RSD	.05933	.26246	.40235	.18574	.01965	.11636	.20505
#1	.20414	.20360	.21011	10.212	11.643	57.662	.21326
#2	.20397	.20436	.21131	10.239	11.639	57.757	.21388
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20714	20.151	.20483	.20774	.20883	.20847	.20683
SDev	.00012	.155	.00007	.00110	.00151	.00064	.00114
%RSD	.05956	.76902	.03275	.52942	.72161	.30647	.55292
#1	.20705	20.261	.20478	.20851	.20776	.20801	.20764
#2	.20722	20.042	.20488	.20696	.20989	.20892	.20602
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21074	.21252	.20399	.20956	.20765	.20662	.20732
SDev	.00277	.00367	.00355	.00030	.00054	.00024	.00041
%RSD	1.3160	1.7276	1.7408	.14145	.26043	.11455	.19635
#1	.21270	.20992	.20650	.20935	.20727	.20679	.20703
#2	.20878	.21511	.20148	.20977	.20803	.20645	.20761
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20842	.05317
SDev	.00217	.00059
%RSD	1.0396	1.1135
#1	.20689	.05359
#2	.20995	.05275
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2737	--	--	--	--	--	--
SDev	8.007950	--	--	--	--	--	--
%RSD	.2925399	--	--	--	--	--	--
#1	2732	--	--	--	--	--	--
#2	2743	--	--	--	--	--	--

Analysis Report 03/29/06 00:17:36 AM page 1

Method: TRACE2 Sample Name: AD613767/SD Operator: SW
Run Time: 03/29/06 00:12:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.097	.20492	.19980	.25336	.19959	130.12	.19607
SDev	.039	.00148	.00035	.00098	.00108	.73	.00134
%RSD	.38260	.72062	.17451	.38549	.54136	.56004	.68298
#1	10.070	.20388	.20005	.25266	.19883	129.60	.19512
#2	10.125	.20597	.19955	.25405	.20036	130.64	.19702
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19713	.19675	.20205	9.8227	11.469	55.725	.20548
SDev	.00134	.00161	.00047	.0581	.008	.256	.00098
%RSD	.68024	.81810	.23067	.59155	.07395	.46007	.47920
#1	.19618	.19561	.20172	9.7816	11.463	55.544	.20478
#2	.19808	.19789	.20238	9.8638	11.475	55.907	.20617
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19943	19.653	.19796	.19815	.20303	.20140	.20209
SDev	.00109	.072	.00157	.00032	.00673	.00460	.00303
%RSD	.54507	.36465	.79523	.15941	3.3162	2.2820	1.5003
#1	.19867	19.602	.19684	.19792	.19827	.19815	.19995
#2	.20020	19.703	.19907	.19837	.20779	.20465	.20423
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20244	.20452	.20088	.20190	.19921	.19953	.20090
SDev	.00009	.00410	.00250	.00092	.00445	.00158	.00100
%RSD	.04634	2.0041	1.2439	.45744	2.2328	.78988	.49648
#1	.20250	.20162	.19911	.20125	.19607	.19841	.20020
#2	.20237	.20742	.20264	.20255	.20236	.20064	.20161
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20063	.05141
SDev	.00534	.00002
%RSD	2.6612	.02839
#1	.19686	.05142
#2	.20441	.05140
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2808	--	--	--	--	--	--
SDev	7.000288	--	--	--	--	--	--
%RSD	.2493047	--	--	--	--	--	--
#1	2813	--	--	--	--	--	--
#2	2803	--	--	--	--	--	--

Analysis Report 03/29/06 00:22:28 AM page 1

Method: TRACE2 Sample Name: AD613768 Operator: SW
Run Time: 03/29/06 00:17:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01771	.00198	.07992	.03869	.00007	74.781	-.00000
SDev	.00262	.00110	.00013	.00001	.00002	.038	.00010
%RSD	14.814	55.524	.16453	.03390	27.920	.05147	2397.5
#1	.01957	.00276	.07983	.03870	.00008	74.754	-.00008
#2	.01586	.00120	.08002	.03868	.00006	74.808	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00037	.00045	.00423	.00842	.58915	38.559	.04443
SDev	.00011	.00011	.00015	.01026	.00877	.013	.00003
%RSD	29.018	24.771	3.5078	121.88	1.4886	.03445	.05903
#1	.00030	.00053	.00412	.01568	.59536	38.569	.04445
#2	.00045	.00037	.00433	.00116	.58295	38.550	.04442
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00476	60.596	.00157	.00154	.00071	.00098	.00090
SDev	.00061	.086	.00053	.00045	.00040	.00012	.00137
%RSD	12.875	.14185	33.850	29.246	55.886	11.689	152.22
#1	.00519	60.535	.00195	.00185	.00043	.00090	.00187
#2	.00433	60.657	.00120	.00122	.00099	.00107	-.00007
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00102	-.00202	.00236	.00042	.00220	.00032	.00471
SDev	.00081	.00239	.00086	.00005	.00063	.00000	.00001
%RSD	79.016	118.00	36.433	11.836	28.425	.13160	.12087
#1	-.00045	-.00033	.00297	.00046	.00265	.00032	.00472
#2	-.00160	-.00371	.00175	.00039	.00176	.00032	.00471
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00106	-.00018
SDev	.00270	.00002
%RSD	255.07	9.8868
#1	.00297	-.00016
#2	-.00085	-.00019
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2784	--	--	--	--	--	--
SDev	2.810646	--	--	--	--	--	--
%RSD	.1009503	--	--	--	--	--	--
#1	2782	--	--	--	--	--	--
#2	2786	--	--	--	--	--	--

Analysis Report 03/29/06 00:27:19 AM page 1

Method: TRACE2 Sample Name: AD613769 Operator: SW
Run Time: 03/29/06 00:22:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01630	-.00083	.24480	.03315	.00016	99.649	-.00012
SDev	.00364	.00082	.00268	.00008	.00002	.363	.00006
%RSD	22.337	98.085	1.0950	.22938	11.599	.36383	49.752
#1	.01373	-.00026	.24290	.03320	.00015	99.392	-.00016
#2	.01888	-.00141	.24669	.03309	.00017	99.905	-.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00036	-.00002	.00233	-.00271	3.9975	70.089	.02775
SDev	.00011	.00017	.00056	.01527	.0161	.231	.00021
%RSD	29.997	762.35	23.992	563.95	.40218	.32951	.75394
#1	.00028	-.00014	.00193	-.01350	4.0089	69.925	.02760
#2	.00044	.00010	.00272	.00809	3.9861	70.252	.02789
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02503	60.174	.00795	.00004	.00054	.00037	-.00413
SDev	.00071	.125	.00059	.00269	.00102	.00157	.00366
%RSD	2.8410	.20690	7.4007	7289.9	188.06	422.49	88.694
#1	.02553	60.086	.00754	.00194	.00126	.00148	-.00672
#2	.02452	60.262	.00837	-.00187	-.00018	-.00074	-.00154
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00046	-.01166	-.00037	-.00006	-.00092	-.00005	.01430
SDev	.00202	.00232	.00433	.00014	.00323	.00092	.00017
%RSD	437.26	19.942	1179.5	240.54	352.61	1722.1	1.2154
#1	.00189	-.01330	-.00343	.00004	.00137	-.00071	.01442
#2	-.00097	-.01001	.00270	-.00015	-.00320	.00060	.01418
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00215	.00012
SDev	.00070	.00020
%RSD	32.766	160.74
#1	.00265	-.00002
#2	.00165	.00027
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2731	--	--	--	--	--	--
SDev	5.250302	--	--	--	--	--	--
%RSD	.1922527	--	--	--	--	--	--
#1	2735	--	--	--	--	--	--
#2	2727	--	--	--	--	--	--

Analysis Report 03/29/06 00:32:10 AM page 1

Method: TRACE2 Sample Name: AD613770 Operator: SW
Run Time: 03/29/06 00:27:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00684	.00033	.05513	.05399	.00011	107.73	-.00010
SDev	.00071	.00231	.00177	.00123	.00005	2.71	.00020
%RSD	10.441	710.71	3.2129	2.2762	41.048	2.5129	199.53
#1	.00735	.00196	.05388	.05312	.00008	105.81	-.00024
#2	.00634	-.00131	.05638	.05486	.00014	109.64	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00056	.00008	.00122	.00753	.90182	39.575	.52674
SDev	.00005	.00030	.00022	.00874	.00643	1.008	.01230
%RSD	8.4224	385.72	18.368	116.17	.71328	2.5475	2.3353
#1	.00059	.00029	.00107	.01371	.89728	38.862	.51804
#2	.00053	-.00013	.00138	.00134	.90637	40.288	.53544
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01991	31.798	.00105	-.00111	-.00156	-.00141	-.00150
SDev	.00090	.744	.00006	.00310	.00085	.00046	.00266
%RSD	4.5304	2.3392	5.2125	279.51	54.859	32.950	177.70
#1	.01927	31.272	.00109	-.00331	-.00095	-.00174	.00038
#2	.02054	32.324	.00102	.00108	-.00216	-.00108	-.00338
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00188	-.00783	.00167	.00014	-.00177	.00007	.00877
SDev	.00136	.00405	.00197	.00006	.00344	.00000	.00026
%RSD	72.452	51.718	117.72	45.859	194.06	3.5083	2.9935
#1	-.00285	-.00497	.00306	.00009	-.00420	.00007	.00895
#2	-.00092	-.01070	.00028	.00018	.00066	.00008	.00858
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00090	-.00009
SDev	.00093	.00032
%RSD	103.50	364.92
#1	.00024	.00014
#2	.00156	-.00031
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2709	--	--	--	--	--	--
SDev	42.53258	--	--	--	--	--	--
%RSD	1.569830	--	--	--	--	--	--
#1	2739	--	--	--	--	--	--
#2	2679	--	--	--	--	--	--

Analysis Report 03/29/06 00:37:02 AM page 1

Method: TRACE2 Sample Name: AD613771 Operator: SW
Run Time: 03/29/06 00:32:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01583	.00457	.19026	.03792	.00004	58.642	.00000
SDev	.00143	.00071	.00139	.00002	.00003	.206	.00013
%RSD	9.0529	15.556	.73140	.05583	67.279	.35051	4520.9
#1	.01684	.00507	.18928	.03791	.00002	58.497	-.00009
#2	.01481	.00407	.19125	.03794	.00006	58.787	.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00014	.00007	.00057	.00344	2.2147	33.224	.02906
SDev	.00015	.00049	.00003	.00954	.0166	.088	.00005
%RSD	104.43	738.93	4.5933	277.29	.75096	.26340	.16523
#1	.00024	-.00028	.00055	-.00330	2.2264	33.162	.02903
#2	.00004	.00041	.00059	.01018	2.2029	33.286	.02910
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02137	55.746	.00678	-.00062	.00063	.00022	-.00030
SDev	.00108	.067	.00009	.00423	.00196	.00010	.00211
%RSD	5.0435	.12024	1.2651	684.61	309.11	47.469	694.52
#1	.02061	55.699	.00672	.00237	-.00075	.00029	-.00180
#2	.02213	55.794	.00684	-.00361	.00202	.00014	.00119
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00034	-.00727	.00318	.00025	-.00045	.00136	.00325
SDev	.00084	.00620	.00007	.00002	.00007	.00018	.00011
%RSD	243.11	85.228	2.2825	9.3625	16.626	13.133	3.3553
#1	-.00093	-.01165	.00313	.00027	-.00050	.00149	.00317
#2	.00025	-.00289	.00323	.00024	-.00039	.00124	.00333
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00075	.00010
SDev	.00080	.00023
%RSD	105.97	232.91
#1	.00132	.00027
#2	.00019	-.00007
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2768	--	--	--	--	--	--
SDev	6.310963	--	--	--	--	--	--
%RSD	.2280291	--	--	--	--	--	--
#1	2772	--	--	--	--	--	--
#2	2763	--	--	--	--	--	--

Analysis Report QC Standard 03/29/06 00:43:12 AM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 03/29/06 00:38:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.488	.49408	.48430	.50672	.50847	25.700	.49688
SDev	.045	.00054	.00202	.00166	.00142	.080	.00133
%RSD	.17620	.10877	.41755	.32739	.27989	.31225	.26732
#1	25.456	.49446	.48287	.50555	.50747	25.643	.49594
#2	25.519	.49370	.48573	.50790	.50948	25.757	.49782
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49928	.50227	.53156	25.131	25.190	25.504	.51025
SDev	.00074	.00159	.00131	.062	.012	.066	.00086
%RSD	.14863	.31721	.24728	.24854	.04789	.26053	.16923
#1	.49876	.50114	.53064	25.087	25.181	25.457	.50964
#2	.49980	.50340	.53249	25.176	25.198	25.551	.51086
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50405	25.496	.51137	.50152	.50809	.50590	.50807
SDev	.00477	.076	.00017	.00076	.00152	.00076	.00450
%RSD	.94660	.29696	.03377	.15256	.29908	.14999	.88591
#1	.50068	25.443	.51125	.50206	.50702	.50537	.50489
#2	.50742	25.550	.51149	.50098	.50917	.50644	.51125
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51560	.51592	.50415	.52474	.51881	.50748	.50049
SDev	.00292	.00736	.00307	.00122	.00794	.00089	.00186
%RSD	.56574	1.4272	.60895	.23252	1.5306	.17547	.37156
#1	.51353	.51072	.50198	.52387	.51319	.50685	.49918
#2	.51766	.52113	.50632	.52560	.52442	.50811	.50181
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.52228	.50572
SDev	.00395	.00160
%RSD	.75643	.31550
#1	.51948	.50460
#2	.52507	.50685
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2744	--	--	--	--	--	--
SDev	8.114119	--	--	--	--	--	--
%RSD	.2957135	--	--	--	--	--	--
#1	2738	--	--	--	--	--	--
#2	2750	--	--	--	--	--	--

Analysis Report Blank Sample 03/29/06 00:48:04 AM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 03/29/06 00:43:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01176	.00150	L-.00929	-.00000	.00012	-.00204	.00005
SDev	.00147	.00058	.00064	.00003	.00001	.00168	.00002
%RSD	12.473	38.599	6.8480	695.30	6.9218	82.258	47.727
#1	.01073	.00190	L-.00974	.00001	.00013	-.00085	.00006
#2	.01280	.00109	L-.00884	-.00002	.00012	-.00323	.00003
Errors	LC Pass	LC Pass	LC Low	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	.00003	-.00095	-.00162	-.01807	.00470	-.00009
SDev	.00011	.00042	.00038	.00393	.01639	.00088	.00000
%RSD	435.63	1406.8	40.032	242.09	90.663	18.759	.42775
#1	-.00010	-.00027	-.00121	-.00440	-.00649	.00532	-.00009
#2	.00005	.00032	-.00068	.00116	-.02966	.00408	-.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00123	-.12634	-.00020	.00157	.00045	.00082	.00148
SDev	.00057	.14163	.00034	.00328	.00149	.00209	.00206
%RSD	46.175	112.10	170.88	208.44	331.25	253.25	138.91
#1	.00163	-.22648	.00004	.00389	.00151	.00230	.00294
#2	.00083	-.02619	-.00043	-.00075	-.00061	-.00065	.00003
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00024	-.00502	.00474	.00010	.00248	.00013	-.00008
SDev	.00256	.00551	.00034	.00026	.00147	.00027	.00000
%RSD	1054.3	109.62	7.1595	269.84	59.197	213.48	.88704
#1	.00157	-.00113	.00498	.00028	.00352	-.00006	-.00008
#2	-.00205	-.00892	.00450	-.00009	.00144	.00032	-.00008
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00068	-.00009
SDev	.00121	.00064
%RSD	177.29	739.22
#1	.00017	.00037
#2	-.00154	-.00054
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2788	--	--	--	--	--	--
SDev	3.659312	--	--	--	--	--	--
%RSD	.1312340	--	--	--	--	--	--
#1	2786	--	--	--	--	--	--
#2	2791	--	--	--	--	--	--

Analysis Report 03/29/06 00:52:55 AM page 1

Method: TRACE2 Sample Name: AD613772 Operator: SW
Run Time: 03/29/06 00:48:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02343	.00418	.13426	.04633	.00004	55.397	-.00003
SDev	.00191	.00014	.00018	.00032	.00001	.037	.00011
%RSD	8.1643	3.3058	.13458	.68574	17.531	.06704	373.95
#1	.02208	.00428	.13413	.04611	.00004	55.371	-.00011
#2	.02479	.00408	.13438	.04656	.00003	55.424	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00045	.00037	-.00021	.00449	4.6354	29.024	.02622
SDev	.00022	.00014	.00037	.01261	.0160	.005	.00008
%RSD	48.919	37.139	175.03	280.73	.34592	.01702	.29235
#1	.00029	.00027	.00005	-.00442	4.6467	29.020	.02627
#2	.00060	.00047	-.00048	.01341	4.6241	29.027	.02616
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01680	49.368	.00660	.00239	-.00012	.00071	-.00376
SDev	.00017	.313	.00024	.00202	.00241	.00094	.00183
%RSD	1.0393	.63488	3.6288	84.454	1943.2	131.47	48.824
#1	.01668	49.146	.00677	.00096	.00158	.00138	-.00246
#2	.01693	49.590	.00643	.00382	-.00183	.00005	-.00505
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00060	-.00951	-.00088	.00054	-.00235	.00142	.00331
SDev	.00058	.00085	.00233	.00002	.00060	.00010	.00002
%RSD	96.931	8.9234	264.26	3.7355	25.602	6.8629	.50179
#1	-.00019	-.00891	.00077	.00056	-.00278	.00149	.00332
#2	-.00100	-.01011	-.00253	.00053	-.00193	.00135	.00329
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00037	-.00011
SDev	.00126	.00014
%RSD	339.98	124.72
#1	.00126	-.00001
#2	-.00052	-.00021
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2778	--	--	--	--	--	--
SDev	11.98542	--	--	--	--	--	--
%RSD	.4313942	--	--	--	--	--	--
#1	2770	--	--	--	--	--	--
#2	2787	--	--	--	--	--	--

Analysis Report 03/29/06 00:57:46 AM page 1

Method: TRACE2 Sample Name: AD613773 Operator: SW
Run Time: 03/29/06 00:52:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00780	.00226	.14634	.08672	.00011	122.18	-.00002
SDev	.00009	.00184	.00051	.00072	.00001	.30	.00012
%RSD	1.1098	81.719	.34656	.83388	9.0561	.24146	792.94
#1	.00786	.00356	.14670	.08723	.00011	122.39	-.00010
#2	.00774	.00095	.14598	.08620	.00010	121.97	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00056	-.00000	.00019	-.00499	2.8086	70.326	.02196
SDev	.00018	.00020	.00005	.00080	.0093	.064	.00014
%RSD	32.316	6184.3	24.090	15.981	.33108	.09037	.63982
#1	.00043	-.00014	.00022	-.00556	2.8152	70.371	.02186
#2	.00069	.00014	.00015	-.00443	2.8020	70.281	.02206
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00277	26.170	.00620	-.00340	.00362	.00128	-.00119
SDev	.00036	.103	.00018	.00194	.00001	.00064	.00241
%RSD	12.891	.39271	2.8878	57.069	.22438	50.009	203.16
#1	.00252	26.098	.00633	-.00203	.00361	.00173	.00052
#2	.00303	26.243	.00608	-.00477	.00362	.00083	-.00289
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00094	-.00822	.00233	.00007	-.00128	.00026	.00316
SDev	.00195	.00485	.00119	.00006	.00142	.00009	.00031
%RSD	207.78	59.042	51.147	96.664	110.88	35.498	9.8755
#1	-.00232	-.00479	.00317	.00011	-.00228	.00020	.00293
#2	.00044	-.01165	.00149	.00002	-.00028	.00033	.00338
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00007	-.00008
SDev	.00253	.00031
%RSD	3815.7	380.51
#1	.00172	.00014
#2	-.00185	-.00030
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2736	--	--	--	--	--	--
SDev	5.356472	--	--	--	--	--	--
%RSD	.1957480	--	--	--	--	--	--
#1	2740	--	--	--	--	--	--
#2	2733	--	--	--	--	--	--

Analysis Report 03/29/06 01:02:38 AM page 1

Method: TRACE2 Sample Name: AD613774 Operator: SW
Run Time: 03/29/06 00:57:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00800	.00053	.11259	.04886	.00010	138.98	-.00011
SDev	.00059	.00082	.00054	.00034	.00003	.76	.00003
%RSD	7.3058	153.77	.48208	.69988	25.438	.54629	23.811
#1	.00759	-.00005	.11298	.04910	.00012	139.52	-.00013
#2	.00842	.00111	.11221	.04862	.00008	138.44	-.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00069	.00002	.00039	.01554	1.0830	75.297	.24970
SDev	.00001	.00023	.00006	.00904	.0377	.371	.00114
%RSD	.78134	1181.4	14.335	58.160	3.4772	.49326	.45476
#1	.00069	.00018	.00035	.02193	1.1096	75.560	.25050
#2	.00070	-.00014	.00043	.00915	1.0563	75.035	.24890
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00769	71.536	.00728	-.00010	-.00014	-.00013	-.00046
SDev	.00007	.437	.00062	.00175	.00136	.00032	.00218
%RSD	.85659	.61088	8.5170	1765.8	943.74	249.15	475.18
#1	.00774	71.845	.00772	-.00134	.00082	.00010	.00108
#2	.00765	71.227	.00684	.00114	-.00110	-.00036	-.00200
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00037	-.00284	.00073	.00004	.00099	-.00032	.00360
SDev	.00184	.00300	.00177	.00008	.00288	.00018	.00006
%RSD	499.28	105.68	242.57	201.05	290.57	56.403	1.6626
#1	.00167	-.00072	.00199	.00009	.00303	-.00019	.00356
#2	-.00093	-.00497	-.00052	-.00002	-.00105	-.00045	.00364
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00157	.00002
SDev	.00011	.00061
%RSD	6.6707	3361.8
#1	.00150	-.00041
#2	.00165	.00045
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2727	--	--	--	--	--	--
SDev	26.78167	--	--	--	--	--	--
%RSD	.9819172	--	--	--	--	--	--
#1	2709	--	--	--	--	--	--
#2	2746	--	--	--	--	--	--

Analysis Report 03/29/06 01:07:29 AM page 1

Method: TRACE2 Sample Name: AD613775 Operator: SW
Run Time: 03/29/06 01:02:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00748	.00225	.00996	.02823	.00008	90.976	.00012
SDev	.00027	.00066	.00009	.00006	.00001	.242	.00009
%RSD	3.5548	29.453	.87462	.19513	13.218	.26567	74.111
#1	.00767	.00178	.00990	.02827	.00009	90.805	.00006
#2	.00729	.00271	.01002	.02819	.00007	91.147	.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00004	.00041	.00153	-.00722	1.9965	39.503	.00070
SDev	.00028	.00014	.00004	.00237	.0114	.074	.00003
%RSD	771.01	34.714	2.5286	32.848	.56878	.18724	5.0101
#1	.00024	.00051	.00155	-.00555	2.0046	39.451	.00067
#2	-.00016	.00031	.00150	-.00890	1.9885	39.556	.00072
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00146	4.8073	.00072	.00110	.00114	.00113	-.00019
SDev	.00065	.0152	.00021	.00331	.00041	.00137	.00187
%RSD	44.404	.31641	28.480	301.01	35.438	121.51	990.97
#1	.00100	4.8181	.00058	.00344	.00143	.00210	.00114
#2	.00192	4.7965	.00087	-.00124	.00086	.00016	-.00151
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00085	-.00599	.00271	.00016	.00056	.00039	.00276
SDev	.00121	.00704	.00071	.00011	.00017	.00009	.00001
%RSD	141.39	117.50	26.039	68.721	30.050	23.315	.38691
#1	-.00171	-.00101	.00221	.00024	.00044	.00032	.00277
#2	-.00000	-.01096	.00321	.00008	.00068	.00045	.00276
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00036	.00039
SDev	.00037	.00007
%RSD	102.59	18.221
#1	-.00062	.00034
#2	-.00010	.00045
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2762	--	--	--	--	--	--
SDev	8.538279	--	--	--	--	--	--
%RSD	.3091353	--	--	--	--	--	--
#1	2756	--	--	--	--	--	--
#2	2768	--	--	--	--	--	--

Analysis Report 03/29/06 01:12:20 AM page 1

Method: TRACE2 Sample Name: AD613776 Operator: SW
Run Time: 03/29/06 01:07:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01837	.00082	.42790	.04884	.00008	76.130	-.00008
SDev	.00171	.00074	.00232	.00015	.00002	.537	.00007
%RSD	9.3061	90.085	.54270	.31736	19.568	.70540	96.368
#1	.01716	.00135	.42626	.04873	.00007	75.750	-.00013
#2	.01957	.00030	.42954	.04895	.00009	76.509	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00029	.00060	.00046	.00351	2.0842	35.095	.02462
SDev	.00029	.00065	.00011	.00163	.0077	.225	.00015
%RSD	100.83	109.23	23.442	46.368	.36906	.64152	.59748
#1	.00008	.00014	.00038	.00236	2.0787	34.936	.02451
#2	.00049	.00106	.00053	.00466	2.0896	35.254	.02472
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04282	79.034	.00080	.00188	.00058	.00102	-.00274
SDev	.00013	.439	.00034	.00053	.00027	.00001	.00088
%RSD	.29581	.55496	42.590	27.949	46.792	.69064	32.173
#1	.04291	78.724	.00104	.00226	.00039	.00101	-.00212
#2	.04273	79.344	.00056	.00151	.00078	.00102	-.00336
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00067	-.00307	-.00258	.00056	.00017	.00087	.00350
SDev	.00256	.00123	.00194	.00014	.00439	.00019	.00001
%RSD	384.47	40.111	75.234	25.600	2653.2	21.656	.41193
#1	.00115	-.00394	-.00121	.00046	-.00294	.00073	.00349
#2	-.00248	-.00220	-.00395	.00067	.00327	.00100	.00351
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00096	.00001
SDev	.00265	.00000
%RSD	276.25	10.049
#1	.00092	.00001
#2	-.00284	.00001
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2739	--	--	--	--	--	--
SDev	9.758108	--	--	--	--	--	--
%RSD	.3562946	--	--	--	--	--	--
#1	2746	--	--	--	--	--	--
#2	2732	--	--	--	--	--	--

Analysis Report 03/29/06 01:17:12 AM page 1

Method: TRACE2 Sample Name: AD613777 Operator: SW
Run Time: 03/29/06 01:12:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00688	.00484	.05617	.06464	.00008	109.56	-.00017
SDev	.00035	.00063	.00034	.00009	.00001	.07	.00000
%RSD	5.1539	12.999	.60454	.13172	11.546	.06408	1.7895
#1	.00663	.00440	.05641	.06470	.00007	109.51	-.00017
#2	.00713	.00529	.05593	.06458	.00009	109.61	-.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00047	.00015	-.00063	-.01732	1.1255	56.176	.01280
SDev	.00004	.00020	.00038	.01030	.0297	.050	.00006
%RSD	7.9404	128.80	60.462	59.442	2.6432	.08984	.45722
#1	.00050	.00001	-.00036	-.02460	1.1466	56.212	.01276
#2	.00044	.00029	-.00090	-.01004	1.1045	56.141	.01285
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00671	20.120	.00137	-.00106	.00211	.00105	-.00074
SDev	.00020	.071	.00022	.00193	.00059	.00104	.00188
%RSD	2.9420	.35325	16.335	182.94	27.944	98.340	253.73
#1	.00685	20.171	.00153	-.00242	.00169	.00032	.00059
#2	.00657	20.070	.00122	.00031	.00252	.00179	-.00207
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00054	-.00576	.00177	-.00008	-.00283	.00020	.00269
SDev	.00120	.00489	.00526	.00003	.00079	.00055	.00011
%RSD	224.00	84.899	298.11	38.391	27.828	278.79	3.9400
#1	.00031	-.00921	.00549	-.00006	-.00227	-.00019	.00261
#2	-.00139	-.00230	-.00196	-.00010	-.00339	.00058	.00276
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00146	-.00024
SDev	.00135	.00043
%RSD	92.302	177.83
#1	.00241	.00006
#2	.00051	-.00055
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2765	--	--	--	--	--	--
SDev	4.242641	--	--	--	--	--	--
%RSD	.1534562	--	--	--	--	--	--
#1	2768	--	--	--	--	--	--
#2	2762	--	--	--	--	--	--

Analysis Report 03/29/06 01:22:03 AM page 1

Method: TRACE2 Sample Name: AD613778 Operator: SW
Run Time: 03/29/06 01:17:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00927	.00258	.00331	.09129	.00006	88.155	-.00006
SDev	.00161	.00039	.00018	.00003	.00002	.045	.00014
%RSD	17.340	15.166	5.4739	.03507	30.302	.05156	226.91
#1	.01041	.00285	.00344	.09127	.00008	88.188	-.00016
#2	.00814	.00230	.00319	.09131	.00005	88.123	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00041	.00024	.00002	-.00162	.97277	45.876	.01345
SDev	.00018	.00004	.00011	.00873	.01477	.031	.00003
%RSD	43.962	17.142	449.95	539.82	1.5184	.06694	.20127
#1	.00029	.00021	-.00005	-.00779	.98322	45.898	.01347
#2	.00054	.00027	.00010	.00455	.96233	45.854	.01343
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00385	6.6457	.00124	-.00026	.00021	.00005	-.00228
SDev	.00005	.0835	.00007	.00190	.00085	.00120	.00092
%RSD	1.2264	1.2559	5.5108	726.92	405.32	2248.0	40.589
#1	.00382	6.7047	.00129	.00108	.00082	.00090	-.00162
#2	.00388	6.5866	.00119	-.00161	-.00039	-.00080	-.00293
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00087	-.01307	.00312	.00008	-.00164	.00019	.00233
SDev	.00131	.00208	.00034	.00007	.00562	.00055	.00001
%RSD	150.75	15.944	11.046	79.947	343.67	282.10	.23336
#1	.00180	-.01160	.00336	.00013	-.00561	-.00019	.00234
#2	-.00006	-.01454	.00288	.00004	.00234	.00058	.00233
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00017	.00006
SDev	.00161	.00094
%RSD	930.85	1476.7
#1	.00131	.00073
#2	-.00096	-.00060
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2765	--	--	--	--	--	--
SDev	5.409298	--	--	--	--	--	--
%RSD	.1956488	--	--	--	--	--	--
#1	2761	--	--	--	--	--	--
#2	2769	--	--	--	--	--	--

Analysis Report 03/29/06 01:26:55 AM page 1

Method: TRACE2 Sample Name: AD613779 Operator: SW
Run Time: 03/29/06 01:22:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01517	.00121	.23409	.02261	.00011	74.103	-.00002
SDev	.00098	.00028	.00071	.00006	.00000	.067	.00018
%RSD	6.4434	22.931	.30218	.26262	3.5378	.09020	974.52
#1	.01448	.00101	.23459	.02265	.00011	74.056	-.00015
#2	.01586	.00140	.23359	.02257	.00011	74.150	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00042	.00027	-.00098	-.00724	2.0696	49.699	.01941
SDev	.00069	.00028	.00050	.00399	.0187	.074	.00009
%RSD	163.73	102.64	51.367	55.134	.90190	.14951	.45683
#1	-.00007	.00007	-.00134	-.01006	2.0828	49.646	.01935
#2	.00091	.00047	-.00063	-.00441	2.0565	49.751	.01947
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02868	54.143	.00329	-.00182	.00097	.00004	-.00055
SDev	.00007	.239	.00058	.00448	.00189	.00023	.00052
%RSD	.25056	.44153	17.667	246.22	194.21	543.83	94.816
#1	.02863	54.312	.00288	.00135	-.00036	.00021	-.00018
#2	.02873	53.974	.00370	-.00499	.00231	-.00012	-.00092
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00164	-.00313	.00074	.00017	.00236	.00027	.00433
SDev	.00114	.00032	.00063	.00021	.00244	.00028	.00039
%RSD	69.503	10.075	84.689	125.62	103.47	101.61	9.0357
#1	-.00083	-.00291	.00118	.00032	.00063	.00047	.00405
#2	-.00245	-.00335	.00030	.00002	.00408	.00008	.00460
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00027	.00092
SDev	.00120	.00042
%RSD	438.58	45.400
#1	-.00057	.00121
#2	.00112	.00062
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2760	--	--	--	--	--	--
SDev	6.363961	--	--	--	--	--	--
%RSD	.2306034	--	--	--	--	--	--
#1	2755	--	--	--	--	--	--
#2	2764	--	--	--	--	--	--

Analysis Report 03/29/06 01:31:46 AM page 1

Method: TRACE2 Sample Name: AD613477 Operator: SW
Run Time: 03/29/06 01:26:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	21.613	.01619	.02995	.15791	.00116	280.31	.00084
SDev	.123	.00132	.00113	.00003	.00002	.98	.00000
%RSD	.56703	8.1698	3.7863	.01749	1.8719	.35102	.27667
#1	21.527	.01713	.02914	.15789	.00114	279.62	.00084
#2	21.700	.01526	.03075	.15793	.00117	281.01	.00084
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01450	.02796	.03785	39.442	9.2958	85.407	1.3222
SDev	.00003	.00014	.00038	.179	.0493	.257	.0059
%RSD	.19139	.49655	.99516	.45353	.52994	.30051	.44255
#1	.01452	.02786	.03758	39.316	9.2610	85.225	1.3180
#2	.01448	.02806	.03812	39.569	9.3306	85.588	1.3263
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00206	22.377	.05414	.01566	.01501	.01522	-.00220
SDev	.00029	.022	.00038	.00054	.00080	.00072	.00097
%RSD	13.896	.10042	.69814	3.4725	5.3461	4.7043	43.840
#1	.00186	22.361	.05388	.01528	.01444	.01472	-.00152
#2	.00226	22.393	.05441	.01605	.01557	.01573	-.00288
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00086	-.01164	.00252	.39547	.00238	.04225	.08492
SDev	.00060	.00602	.00156	.00146	.00049	.00051	.00026
%RSD	70.002	51.712	62.046	.36841	20.643	1.2103	.30636
#1	.00044	-.00738	.00141	.39650	.00204	.04261	.08474
#2	.00129	-.01590	.00362	.39444	.00273	.04189	.08510
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00294	.00046
SDev	.00028	.00088
%RSD	9.5023	192.40
#1	.00313	-.00017
#2	.00274	.00108
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2769	--	--	--	--	--	--
SDev	8.326286	--	--	--	--	--	--
%RSD	.3007168	--	--	--	--	--	--
#1	2775	--	--	--	--	--	--
#2	2763	--	--	--	--	--	--

Analysis Report 03/29/06 01:36:38 AM page 1

Method: TRACE2 Sample Name: AD613478 Operator: SW
Run Time: 03/29/06 01:31:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	37.540	.03141	.04403	.28291	.00188	384.67	.00350
SDev	.067	.00120	.00172	.00052	.00000	.54	.00004
%RSD	.17878	3.8267	3.8990	.18416	.02628	.14042	1.2448
#1	37.493	.03226	.04281	.28254	.00188	384.29	.00347
#2	37.587	.03056	.04524	.28328	.00188	385.05	.00353
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03205	.05243	.08118	69.895	11.069	117.17	2.4901
SDev	.00014	.00031	.00044	.096	.010	.10	.0003
%RSD	.42840	.59630	.53813	.13689	.09412	.08118	.01196
#1	.03215	.05221	.08149	69.827	11.077	117.10	2.4899
#2	.03195	.05265	.08087	69.963	11.062	117.23	2.4903
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00394	20.018	.07340	.02884	.02595	.02691	-.00050
SDev	.00050	.160	.00015	.00006	.00054	.00034	.00181
%RSD	12.587	.79683	.19887	.21454	2.0801	1.2613	359.84
#1	.00429	20.131	.07351	.02880	.02633	.02715	-.00178
#2	.00359	19.905	.07330	.02889	.02557	.02667	.00077
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00009	-.01119	.00484	.63819	.00207	.07479	.23676
SDev	.00084	.00310	.00426	.00171	.00341	.00011	.00059
%RSD	897.73	27.683	87.904	.26759	164.17	.15027	.24983
#1	-.00069	-.00900	.00183	.63698	.00448	.07471	.23718
#2	.00050	-.01338	.00785	.63940	-.00033	.07487	.23634
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00495	.00066
SDev	.00000	.00030
%RSD	.03428	46.041
#1	.00495	.00044
#2	.00494	.00087
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2800	--	--	--	--	--	--
SDev	2.386485	--	--	--	--	--	--
%RSD	.0852381	--	--	--	--	--	--
#1	2798	--	--	--	--	--	--
#2	2801	--	--	--	--	--	--

Analysis Report QC Standard 03/29/06 01:42:50 AM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 03/29/06 01:38:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.286	.49222	.48034	.50675	.50263	25.398	.49078
SDev	.068	.00016	.00195	.00130	.00060	.048	.00056
%RSD	.26839	.03188	.40607	.25681	.11978	.18965	.11481
#1	25.334	.49233	.47896	.50767	.50305	25.432	.49117
#2	25.238	.49211	.48172	.50583	.50220	25.364	.49038
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49354	.49553	.52822	24.787	25.031	25.110	.50354
SDev	.00108	.00047	.00116	.053	.070	.071	.00129
%RSD	.21965	.09530	.21954	.21573	.27911	.28429	.25570
#1	.49431	.49586	.52904	24.825	25.080	25.160	.50445
#2	.49277	.49520	.52740	24.749	24.981	25.059	.50263
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49733	25.396	.50545	.49570	.50235	.50014	.50183
SDev	.00071	.113	.00011	.00394	.00396	.00133	.00036
%RSD	.14269	.44683	.02201	.79469	.78795	.26561	.07258
#1	.49682	25.476	.50552	.49849	.49955	.49920	.50157
#2	.49783	25.316	.50537	.49292	.50515	.50108	.50209
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50941	.51058	.49746	.52020	.50874	.50150	.49232
SDev	.00034	.00847	.00478	.00126	.00649	.00124	.00162
%RSD	.06611	1.6595	.96148	.24202	1.2757	.24800	.32930
#1	.50917	.51658	.49408	.52109	.50415	.50237	.49346
#2	.50965	.50459	.50084	.51931	.51333	.50062	.49117
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.51742	.50197
SDev	.00026	.00083
%RSD	.05118	.16537
#1	.51761	.50255
#2	.51723	.50138
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2754	--	--	--	--	--	--
SDev	16.38723	--	--	--	--	--	--
%RSD	.5951230	--	--	--	--	--	--
#1	2742	--	--	--	--	--	--
#2	2765	--	--	--	--	--	--

Analysis Report Blank Sample 03/29/06 01:47:42 AM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 03/29/06 01:42:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00556	-.00058	L-.00983	-.00008	.00002	-.00422	-.00005
SDev	.00065	.00184	.00139	.00001	.00001	.00072	.00006
%RSD	11.641	314.73	14.123	9.0886	61.251	17.044	113.80
#1	.00510	.00072	L-.00885	-.00008	.00003	-.00371	-.00001
#2	.00602	-.00189	L-.01081	-.00009	.00001	-.00473	-.00009
Errors	LC Pass	LC Pass	LC Low	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	.00017	-.00103	.00178	-.01565	-.00084	-.00011
SDev	.00001	.00048	.00010	.00241	.00807	.00221	.00004
%RSD	4.4335	279.12	9.2947	135.52	51.537	264.36	34.355
#1	-.00012	.00051	-.00110	.00348	-.00995	.00073	-.00009
#2	-.00011	-.00017	-.00096	.00007	-.02136	-.00240	-.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00131	-.07773	-.00015	.00070	.00095	.00087	-.00046
SDev	.00047	.06689	.00007	.00035	.00090	.00072	.00300
%RSD	35.693	86.051	47.171	50.016	94.338	82.492	651.16
#1	.00164	-.03044	-.00020	.00045	.00032	.00036	-.00258
#2	.00098	-.12503	-.00010	.00094	.00159	.00137	.00166
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00073	-.00596	.00229	.00006	.00090	.00013	.00014
SDev	.00030	.00445	.00228	.00006	.00224	.00009	.00010
%RSD	40.920	74.686	99.650	100.91	248.04	70.268	72.199
#1	.00052	-.00910	.00068	.00010	.00249	.00006	.00007
#2	.00094	-.00281	.00390	.00002	-.00068	.00019	.00021
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00068	-.00012
SDev	.00068	.00000
%RSD	100.92	1.2056
#1	-.00019	-.00012
#2	-.00116	-.00012
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2760	--	--	--	--	--	--
SDev	10.12927	--	--	--	--	--	--
%RSD	.3670674	--	--	--	--	--	--
#1	2752	--	--	--	--	--	--
#2	2767	--	--	--	--	--	--

Analysis Report 03/29/06 01:52:34 AM page 1

Method: TRACE2 Sample Name: AD613483 Operator: SW
Run Time: 03/29/06 01:47:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	84.423	.03922	.12719	.58483	.00485	371.50	.00770
SDev	.040	.00150	.00025	.00031	.00002	.25	.00025
%RSD	.04687	3.8325	.19964	.05262	.34674	.06751	3.3015
#1	84.451	.03816	.12737	.58505	.00486	371.68	.00752
#2	84.395	.04029	.12701	.58461	.00484	371.32	.00787
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05836	.09616	.13945	137.54	22.277	88.569	4.6120
SDev	.00030	.00035	.00002	.12	.010	.079	.0027
%RSD	.50904	.36812	.01285	.08479	.04446	.08893	.05919
#1	.05815	.09641	.13946	137.62	22.270	88.625	4.6139
#2	.05857	.09591	.13944	137.46	22.284	88.513	4.6101
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02088	61.784	.12749	.04999	.04420	.04613	.00399
SDev	.00070	.112	.00013	.00214	.00285	.00119	.00231
%RSD	3.3595	.18088	.09891	4.2823	6.4492	2.5767	57.939
#1	.02038	61.705	.12740	.05150	.04219	.04529	.00235
#2	.02137	61.863	.12758	.04848	.04622	.04697	.00562
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00026	-.00074	.00635	1.9547	.00839	.15192	.35108
SDev	.00094	.00025	.00334	.0041	.00004	.00048	.00056
%RSD	365.78	34.292	52.564	.21073	.51020	.31331	.15902
#1	.00041	-.00092	.00399	1.9576	.00842	.15158	.35148
#2	-.00092	-.00056	.00871	1.9518	.00836	.15225	.35069
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00787	.00059
SDev	.00342	.00049
%RSD	43.423	82.797
#1	.00545	.00093
#2	.01029	.00024
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2985	--	--	--	--	--	--
SDev	8.803445	--	--	--	--	--	--
%RSD	.2949450	--	--	--	--	--	--
#1	2979	--	--	--	--	--	--
#2	2991	--	--	--	--	--	--

Analysis Report 03/29/06 01:57:26 AM page 1

Method: TRACE2 Sample Name: AD613484 Operator: SW
Run Time: 03/29/06 01:52:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	48.535	.02171	.04411	.31157	.00257	191.01	.00648
SDev	.090	.00155	.00068	.00087	.00001	.26	.00021
%RSD	.18606	7.1598	1.5409	.27790	.55972	.13384	3.2097
#1	48.598	.02061	.04459	.31218	.00258	191.20	.00633
#2	48.471	.02281	.04363	.31096	.00256	190.83	.00663
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02999	.05653	.07153	73.598	11.801	78.083	1.2351
SDev	.00003	.00009	.00024	.144	.019	.108	.0019
%RSD	.08810	.15664	.33434	.19602	.16362	.13813	.15573
#1	.02998	.05659	.07136	73.700	11.815	78.159	1.2365
#2	.03001	.05647	.07170	73.496	11.787	78.006	1.2338
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00510	20.143	.08013	.03047	.02697	.02814	.00416
SDev	.00011	.289	.00103	.00403	.00112	.00059	.00275
%RSD	2.0846	1.4353	1.2887	13.213	4.1697	2.0997	66.113
#1	.00503	20.347	.08086	.03332	.02617	.02855	.00222
#2	.00518	19.938	.07940	.02763	.02776	.02772	.00611
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00088	-.00206	.00727	.79619	.00465	.08008	.17512
SDev	.00110	.00215	.00520	.00385	.00230	.00046	.00036
%RSD	124.27	104.57	71.556	.48327	49.585	.56966	.20785
#1	-.00011	-.00054	.00359	.79891	.00302	.07976	.17487
#2	-.00166	-.00358	.01095	.79347	.00628	.08041	.17538
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00583	.00053
SDev	.00059	.00020
%RSD	10.157	38.627
#1	.00625	.00068
#2	.00541	.00039
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2933	--	--	--	--	--	--
SDev	14.63707	--	--	--	--	--	--
%RSD	.4990819	--	--	--	--	--	--
#1	2922	--	--	--	--	--	--
#2	2943	--	--	--	--	--	--

Analysis Report 03/29/06 02:02:17 AM page 1

Method: TRACE2 Sample Name: AD613485 Operator: SW
Run Time: 03/29/06 01:57:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	320.48	.09965	.14571	2.0546	.01650	230.75	.01324
SDev	.20	.00012	.00002	.0079	.00002	.62	.00009
%RSD	.06175	.12150	.01645	.38438	.13303	.26669	.68901
#1	320.62	.09974	.14569	2.0602	.01652	231.18	.01330
#2	320.34	.09957	.14573	2.0490	.01649	230.31	.01317
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18540	.36348	.51689	451.37	59.992	152.20	8.3708
SDev	.00011	.00051	.00048	.17	.096	.31	.0037
%RSD	.05808	.13951	.09231	.03659	.16035	.20226	.04432
#1	.18533	.36312	.51723	451.49	59.924	152.42	8.3735
#2	.18548	.36384	.51655	451.25	60.060	151.99	8.3682
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01026	257.67	.46165	.19195	.16642	.17492	.00216
SDev	.00037	.33	.00233	.00183	.00065	.00017	.00164
%RSD	3.6102	.12800	.50553	.95328	.39100	.10023	76.077
#1	.01052	257.44	.46330	.19065	.16688	.17479	.00333
#2	.01000	257.90	.46000	.19324	.16596	.17504	.00100
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00701	-.00515	.00582	4.2262	.02227	.68970	1.1441
SDev	.00358	.00688	.00097	.0093	.00121	.00102	.0040
%RSD	51.033	133.71	16.748	.22063	5.4443	.14809	.34671
#1	-.00448	-.00028	.00513	4.2328	.02142	.69043	1.1469
#2	-.00954	-.01002	.00651	4.2196	.02313	.68898	1.1413
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.02433	.00238
SDev	.00150	.00038
%RSD	6.1683	15.750
#1	.02327	.00265
#2	.02539	.00212
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4080	--	--	--	--	--	--
SDev	6.629126	--	--	--	--	--	--
%RSD	.1624621	--	--	--	--	--	--
#1	4085	--	--	--	--	--	--
#2	4076	--	--	--	--	--	--

Analysis Report 03/29/06 02:07:09 AM page 1

Method: TRACE2 Sample Name: AD613504/(1:10) Operator: SW
Run Time: 03/29/06 02:02:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14971	.03333	.45441	.01823	.00011	10.167	.00006
SDev	.00412	.00141	.00170	.00001	.00001	.017	.00005
%RSD	2.7541	4.2434	.37473	.04199	6.8126	.16806	90.430
#1	.15263	.03233	.45562	.01823	.00011	10.155	.00002
#2	.14680	.03433	.45321	.01824	.00010	10.179	.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00278	.09265	.00110	.48752	29.174	5.8262	.06241
SDev	.00015	.00017	.00043	.01158	.002	.0100	.00004
%RSD	5.3981	.18249	38.967	2.3753	.00551	.17157	.05809
#1	.00289	.09277	.00140	.49570	29.173	5.8191	.06243
#2	.00268	.09253	.00080	.47933	29.175	5.8332	.06238
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00895	433.60	.02600	.00436	.00085	.00202	-.00025
SDev	.00035	.45	.00026	.00165	.00007	.00060	.00151
%RSD	3.8703	.10378	.97904	37.892	8.4070	29.586	597.77
#1	.00919	433.28	.02582	.00553	.00090	.00244	-.00132
#2	.00870	433.91	.02618	.00319	.00080	.00160	.00081
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00589	-.00182	.00053	.04021	.00389	.01270	.00945
SDev	.00150	.00448	.00450	.00049	.00102	.00016	.00002
%RSD	25.441	245.85	843.30	1.2088	26.136	1.2548	.23284
#1	.00483	.00135	-.00265	.04055	.00461	.01258	.00946
#2	.00694	-.00499	.00371	.03986	.00317	.01281	.00943
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00715	.00045
SDev	.00219	.00033
%RSD	30.595	73.832
#1	.00870	.00068
#2	.00561	.00021
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2710	--	--	--	--	--	--
SDev	5.780633	--	--	--	--	--	--
%RSD	.2133124	--	--	--	--	--	--
#1	2706	--	--	--	--	--	--
#2	2714	--	--	--	--	--	--

Analysis Report 03/29/06 02:12:00 AM page 1

Method: TRACE2 Sample Name: AD613179 Operator: SW
Run Time: 03/29/06 02:07:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.7782	.00494	.01875	.18186	.00018	258.27	-.00015
SDev	.0009	.00109	.00034	.00004	.00000	.14	.00011
%RSD	.05153	22.071	1.7883	.02017	1.5332	.05556	72.303
#1	1.7788	.00571	.01852	.18189	.00018	258.17	-.00007
#2	1.7775	.00417	.01899	.18184	.00018	258.38	-.00022
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00143	.03709	.03187	.34584	24.035	.12994	.00702
SDev	.00004	.00014	.00018	.00471	.025	.00378	.00001
%RSD	2.5865	.38946	.57899	1.3627	.10198	2.9061	.06935
#1	.00146	.03719	.03200	.34917	24.052	.12727	.00702
#2	.00140	.03699	.03174	.34251	24.018	.13261	.00703
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.27335	348.95	.03453	.00129	.00129	.00129	-.00098
SDev	.00141	.25	.00028	.00083	.00122	.00054	.00336
%RSD	.51549	.07307	.82365	64.108	94.818	41.773	340.89
#1	.27236	348.76	.03433	.00071	.00215	.00167	-.00336
#2	.27435	349.13	.03473	.00188	.00042	.00091	.00139
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	-.00515	.00110	.00382	-.00012	.02193	.12726
SDev	.00161	.00803	.00102	.00000	.00049	.00041	.00016
%RSD	827.38	155.99	93.135	.08541	408.36	1.8832	.12222
#1	-.00095	-.01082	.00037	.00381	.00022	.02223	.12715
#2	.00134	.00053	.00182	.00382	-.00046	.02164	.12737
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00050	.00031
SDev	.00056	.00009
%RSD	111.65	29.949
#1	.00011	.00024
#2	.00090	.00037
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2724	--	--	--	--	--	--
SDev	5.356472	--	--	--	--	--	--
%RSD	.1966372	--	--	--	--	--	--
#1	2720	--	--	--	--	--	--
#2	2728	--	--	--	--	--	--

Analysis Report 03/29/06 02:16:52 AM page 1

Method: TRACE2 Sample Name: A6290910/R Operator: SW
Run Time: 03/29/06 02:12:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.7119	.00387	.01696	.17669	.00010	255.23	.00010
SDev	.0078	.00069	.00079	.00180	.00001	1.82	.00003
%RSD	.45358	17.874	4.6763	1.0167	11.383	.71328	34.882
#1	1.7064	.00436	.01752	.17542	.00009	253.94	.00007
#2	1.7174	.00338	.01640	.17796	.00011	256.51	.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00178	.03061	.02993	.07991	25.861	.11372	.00496
SDev	.00025	.00005	.00011	.00555	.235	.00309	.00006
%RSD	14.015	.14668	.35502	6.9500	.90926	2.7178	1.2503
#1	.00161	.03058	.02985	.07599	25.695	.11153	.00491
#2	.00196	.03064	.03000	.08384	26.027	.11590	.00500
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25326	352.74	.03243	.00339	.00292	.00307	-.00037
SDev	.00629	1.60	.00016	.00099	.00082	.00021	.00356
%RSD	2.4836	.45390	.49628	29.280	28.015	6.9800	963.57
#1	.24881	351.61	.03255	.00409	.00234	.00292	-.00289
#2	.25770	353.87	.03232	.00269	.00349	.00323	.00215
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00107	.00170	-.00141	.00081	.00016	.02106	.12169
SDev	.00081	.00412	.00328	.00000	.00356	.00024	.00101
%RSD	75.751	241.98	232.96	.23673	2241.6	1.1652	.83192
#1	-.00050	-.00121	-.00372	.00081	.00268	.02124	.12098
#2	-.00165	.00462	.00091	.00081	-.00236	.02089	.12241
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00374	-.00025
SDev	.00029	.00062
%RSD	7.8015	250.57
#1	.00395	.00019
#2	.00353	-.00069
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2811	--	--	--	--	--	--
SDev	2.863817	--	--	--	--	--	--
%RSD	.1018817	--	--	--	--	--	--
#1	2813	--	--	--	--	--	--
#2	2809	--	--	--	--	--	--

Analysis Report 03/29/06 02:21:44 AM page 1

Method: TRACE2 Sample Name: AD613155 Operator: SW
Run Time: 03/29/06 02:16:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.4037	.00298	.17327	.05406	.00026	247.23	.00004
SDev	.0049	.00176	.00033	.00003	.00002	.17	.00009
%RSD	.35228	58.976	.18924	.06523	8.0041	.06969	229.34
#1	1.4072	.00174	.17304	.05409	.00028	247.35	.00011
#2	1.4002	.00422	.17350	.05404	.00025	247.11	-.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00120	.00301	.00252	2.1884	6.4315	70.537	.06348
SDev	.00015	.00026	.00058	.0064	.0536	.081	.00004
%RSD	12.301	8.7046	23.134	.29049	.83374	.11504	.06561
#1	.00131	.00320	.00294	2.1929	6.4694	70.594	.06351
#2	.00110	.00283	.00211	2.1839	6.3936	70.480	.06345
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00306	50.771	.00419	.00021	.00057	.00045	-.00307
SDev	.00100	.213	.00037	.00068	.00102	.00045	.00177
%RSD	32.700	.41861	8.7433	331.51	180.35	101.47	57.761
#1	.00377	50.621	.00445	.00069	-.00016	.00013	-.00182
#2	.00235	50.921	.00393	-.00028	.00129	.00077	-.00433
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00074	-.00492	-.00215	.03546	.00189	.00278	.02196
SDev	.00122	.00001	.00267	.00005	.00335	.00002	.00007
%RSD	165.06	.25255	124.23	.14854	177.49	.62200	.33454
#1	-.00012	-.00493	-.00026	.03550	-.00048	.00280	.02191
#2	.00160	-.00491	-.00403	.03543	.00425	.00277	.02201
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00061	.00033
SDev	.00015	.00024
%RSD	24.901	72.285
#1	.00072	.00016
#2	.00050	.00050
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2704	--	--	--	--	--	--
SDev	15.85673	--	--	--	--	--	--
%RSD	.5863823	--	--	--	--	--	--
#1	2693	--	--	--	--	--	--
#2	2715	--	--	--	--	--	--

Analysis Report 03/29/06 02:26:36 AM page 1

Method: TRACE2 Sample Name: A6297102/R Operator: SW
Run Time: 03/29/06 02:21:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13496	.00294	.16410	.03996	.00007	238.86	.00006
SDev	.00100	.00134	.00109	.00053	.00001	1.87	.00002
%RSD	.73951	45.554	.66491	1.3248	9.3397	.78210	29.193
#1	.13426	.00389	.16333	.03958	.00006	237.53	.00007
#2	.13567	.00200	.16487	.04033	.00007	240.18	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00091	.00106	.00092	.17799	6.2507	68.030	.04740
SDev	.00000	.00022	.00057	.00212	.0594	.515	.00032
%RSD	.16973	21.246	62.618	1.1916	.94972	.75644	.68344
#1	.00091	.00122	.00132	.17949	6.2087	67.666	.04717
#2	.00091	.00090	.00051	.17649	6.2926	68.394	.04763
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00040	50.015	.00293	-.00110	.00155	.00067	-.00435
SDev	.00010	.029	.00036	.00036	.00122	.00069	.00109
%RSD	24.932	.05744	12.097	32.512	78.377	103.44	25.047
#1	.00033	49.995	.00318	-.00135	.00242	.00116	-.00512
#2	.00046	50.035	.00268	-.00085	.00069	.00018	-.00358
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00202	-.00464	-.00421	.00100	-.00490	.00055	.01707
SDev	.00340	.00682	.00177	.00005	.00018	.00017	.00009
%RSD	168.53	146.93	42.159	4.7858	3.6254	31.241	.54275
#1	-.00442	-.00946	-.00295	.00096	-.00502	.00068	.01700
#2	.00039	.00018	-.00546	.00103	-.00477	.00043	.01714
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00572	-.00025
SDev	.00134	.00004
%RSD	23.407	14.954
#1	.00477	-.00022
#2	.00667	-.00028
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2860	--	--	--	--	--	--
SDev	14.95524	--	--	--	--	--	--
%RSD	.5229287	--	--	--	--	--	--
#1	2870	--	--	--	--	--	--
#2	2849	--	--	--	--	--	--

Analysis Report QC Standard 03/29/06 02:32:47 AM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 03/29/06 02:28:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.323	.49638	.48256	.51931	.50567	25.698	.49497
SDev	.145	.00384	.00369	.00023	.00247	.120	.00230
%RSD	.57354	.77372	.76468	.04349	.48877	.46785	.46549
#1	25.221	.49366	.47995	.51915	.50393	25.613	.49334
#2	25.426	.49910	.48517	.51947	.50742	25.783	.49659
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49502	.49473	.53143	24.911	24.999	25.266	.50483
SDev	.00335	.00337	.00215	.150	.141	.134	.00275
%RSD	.67745	.68076	.40545	.60287	.56210	.53029	.54450
#1	.49265	.49234	.52991	24.804	24.900	25.171	.50289
#2	.49739	.49711	.53296	25.017	25.098	25.361	.50677
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50015	25.490	.50978	.49490	.50707	.50302	.51182
SDev	.00479	.139	.00303	.00061	.00693	.00442	.00394
%RSD	.95852	.54513	.59499	.12277	1.3664	.87849	.76880
#1	.49676	25.392	.50764	.49533	.50217	.49989	.50903
#2	.50354	25.588	.51193	.49447	.51197	.50614	.51460
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51325	.51534	.51006	.52550	.51191	.50365	.49580
SDev	.00428	.00063	.00622	.00158	.00284	.00327	.00277
%RSD	.83338	.12200	1.2188	.30015	.55521	.65006	.55796
#1	.51023	.51579	.50567	.52438	.50990	.50134	.49385
#2	.51628	.51490	.51446	.52661	.51392	.50597	.49776
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.51991	.50797
SDev	.00483	.00319
%RSD	.92841	.62723
#1	.51649	.50572
#2	.52332	.51022
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2769	--	--	--	--	--	--
SDev	6.470130	--	--	--	--	--	--
%RSD	.2336884	--	--	--	--	--	--
#1	2773	--	--	--	--	--	--
#2	2764	--	--	--	--	--	--

Analysis Report Blank Sample 03/29/06 02:37:40 AM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 03/29/06 02:32:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00935	.00240	L-.00945	-.00008	.00010	-.00149	.00002
SDev	.00301	.00022	.00095	.00005	.00001	.00363	.00003
%RSD	32.194	9.3772	10.003	66.837	13.308	243.88	198.68
#1	.01148	.00224	L-.00878	-.00004	.00011	.00108	-.00001
#2	.00723	.00255	L-.01012	-.00012	.00009	-.00405	.00004
Errors	LC Pass	LC Pass	LC Low	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00033	.00002	-.00084	.00761	-.01692	-.00337	-.00008
SDev	.00011	.00001	.00025	.01218	.02056	.00573	.00004
%RSD	33.422	58.820	29.674	159.97	121.54	169.98	48.760
#1	-.00025	.00001	-.00066	-.00100	-.00238	.00068	-.00005
#2	-.00040	.00003	-.00102	.01622	-.03146	-.00742	-.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00163	-.07763	-.00001	.00151	-.00001	.00050	-.00093
SDev	.00083	.09540	.00016	.00275	.00229	.00244	.00414
%RSD	50.626	122.89	1209.4	181.91	24011.	491.87	443.74
#1	.00222	-.14509	-.00013	-.00043	-.00163	-.00123	-.00386
#2	.00105	-.01017	.00010	.00345	.00161	.00222	.00199
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00039	-.00413	.00067	.00017	.00089	.00040	.00015
SDev	.00149	.00945	.00149	.00003	.00011	.00065	.00031
%RSD	385.31	228.69	223.70	15.832	12.284	164.65	201.56
#1	-.00067	-.01081	-.00039	.00015	.00097	.00086	.00037
#2	.00144	.00255	.00172	.00019	.00081	-.00007	-.00007
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00068	.00011
SDev	.00212	.00030
%RSD	313.39	268.94
#1	.00217	-.00010
#2	-.00082	.00032
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2703	--	--	--	--	--	--
SDev	3.712311	--	--	--	--	--	--
%RSD	.1373633	--	--	--	--	--	--
#1	2700	--	--	--	--	--	--
#2	2705	--	--	--	--	--	--

Analysis Report 04/03/06 07:15:12 AM page 1

STL Buffalo Analyst: TWS Date: 4/3/06 Secondary Review: AK Date: 4-3-06
Spikes: 5-MDL-18, 1-MDL-5, 6-138-E, 6-090-F, 2-MDL-17
Pippettes: 02-10-06-(1-12), 03-17-06-(13)

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	STD BLK 7-015-A	A033106	TRACE2	03/31/06	09:52		X	IR
2	STD 1 7-019-C	A033106	TRACE2	03/31/06	09:57		X	IR
3	STD 2 7-019-D	A033106	TRACE2	03/31/06	10:02		X	IR
4	STD 3 7-019-B	A033106	TRACE2	03/31/06	10:06		X	IR
5	STD 3 VER ↓	A033106	TRACE2	03/31/06	10:11	SW	B	CONC
6	ICV 7-023-E	A033106	TRACE2	03/31/06	10:16	SW	Q	CONC
7	ICB 7-015-A	A033106	TRACE2	03/31/06	10:21	SW	B	CONC
8	CRI 7-022-A	A033106	TRACE2	03/31/06	10:25	SW	B	CONC
9	ICSA 7-018-B	A033106	TRACE2	03/31/06	10:30	SW	Q	CONC
10	ICSAB 7-~~020-E~~ 012-C	A033106	TRACE2	03/31/06	10:35	SW	Q	CONC
11	CCV 7-021-F	A033106	TRACE2	03/31/06	10:41	SW	Q	CONC
12	CCB 7-015-A	A033106	TRACE2	03/31/06	10:46	SW	B	CONC
13	AD613860/FB	A033106	TRACE2	03/31/06	10:51	SW	S	CONC
14	AD613990/PB	A033106	TRACE2	03/31/06	10:56	SW	S	CONC
15	AD613989/FB	A033106	TRACE2	03/31/06	11:01	SW	S	CONC
16	AD613986 2975	A033106	TRACE2	03/31/06	11:05	SW	S	CONC
17	AD613986/L (1:5)	A033106	TRACE2	03/31/06	11:10	SW	S	CONC
18	AD613986/PS	A033106	TRACE2	03/31/06	11:15	SW	S	CONC
19	AD613987/MS	A033106	TRACE2	03/31/06	11:20	SW	S	CONC
20	AD613988/SD	A033106	TRACE2	03/31/06	11:25	SW	S	CONC
21	A6310701/TOT 3107	A033106	TRACE2	03/31/06	11:30	SW	S	CONC
22	A6310704/SOL	A033106	TRACE2	03/31/06	11:34	SW	S	CONC
23	CCV	A033106	TRACE2	03/31/06	11:41	SW	Q	CONC
24	CCB	A033106	TRACE2	03/31/06	11:45	SW	B	CONC
25	A6310706/SOL	A033106	TRACE2	03/31/06	11:50	SW	S	CONC
26	A6310707/TOT	A033106	TRACE2	03/31/06	11:55	SW	S	CONC
27	AD614383/(1:5) 3265	A033106	TRACE2	03/31/06	12:00	SW	S	CONC
28	~~AD613841/PB~~ AD614253/(1:5) 3235	A033106	TRACE2	03/31/06	12:05	SW	S	CONC
29	~~AD613840/FB~~ AD614254/(1:5)	A033106	TRACE2	03/31/06	12:10	SW	S	CONC
30	~~AD614252/PB~~ AD614255/(1:5)	A033106	TRACE2	03/31/06	12:14	SW	S	CONC
31	~~AD614251/FB~~ AD614256(1:5)	A033106	TRACE2	03/31/06	12:19	SW	S	CONC
32	CRI AK 4/3/06	A033106	TRACE2	03/31/06	12:28	SW	B	CONC
33	ICSA	A033106	TRACE2	03/31/06	12:33	SW	Q	CONC
34	ICSAB	A033106	TRACE2	03/31/06	12:37	SW	Q	CONC
35	CCV	A033106	TRACE2	03/31/06	12:44	SW	Q	CONC
36	CCB	A033106	TRACE2	03/31/06	12:48	SW	B	CONC
37	AD614257/(1:5) 3235	A033106	TRACE2	03/31/06	13:10	SW	S	CONC
38	AD614259/(1:5) ↓	A033106	TRACE2	03/31/06	13:18	SW	S	CONC
39	AD614288/(1:5) 3251	A033106	TRACE2	03/31/06	13:23	SW	S	CONC
40	AD614289/(1:5)	A033106	TRACE2	03/31/06	13:27	SW	S	CONC
41	AD613841/PB	A033106	TRACE2	03/31/06	13:32	SW	S	CONC
42	AD613840/FB	A033106	TRACE2	03/31/06	13:37	SW	S	CONC
43	AD614252/PB	A033106	TRACE2	03/31/06	13:42	SW	S	CONC
44	AD614251/FB	A033106	TRACE2	03/31/06	13:47	SW	S	CONC
45	AD614420/PB	A033106	TRACE2	03/31/06	13:52	SW	S	CONC
46	AD614419/LCS	A033106	TRACE2	03/31/06	13:57	SW	S	CONC
47	CCV	A033106	TRACE2	03/31/06	14:11	SW	Q	CONC
48	CCB	A033106	TRACE2	03/31/06	14:16	SW	B	CONC
49	AD614418/EBLK	A033106	TRACE2	03/31/06	14:20	SW	S	CONC
50	AD614410 3211	A033106	TRACE2	03/31/06	14:25	SW	S	CONC

Analysis Report Summary 04/03/06 07:15:12 AM page 2

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
51	AD614410/L (1:5) 3211	A033106	TRACE2	03/31/06	14:30	SW	S	CONC
52	AD614410/PS	A033106	TRACE2	03/31/06	14:35	SW	S	CONC
53	AD614411	A033106	TRACE2	03/31/06	14:40	SW	S	CONC
54	AD614412	A033106	TRACE2	03/31/06	14:45	SW	S	CONC
55	AD614413 3213	A033106	TRACE2	03/31/06	14:49	SW	S	CONC
56	AD614413/L (1:5)	A033106	TRACE2	03/31/06	14:54	SW	S	CONC
57	AD614413/PS	A033106	TRACE2	03/31/06	15:06	SW	S	CONC
58	AD614414 3261	A033106	TRACE2	03/31/06	15:11	SW	S	CONC
59	CCV	A033106	TRACE2	03/31/06	15:17	SW	Q	CONC
60	CCB	A033106	TRACE2	03/31/06	15:22	SW	B	CONC
61	AD614414/L (1:5)	A033106	TRACE2	03/31/06	15:26	SW	S	CONC
62	AD614414/PS	A033106	TRACE2	03/31/06	15:31	SW	S	CONC
63	AD614415/MS	A033106	TRACE2	03/31/06	15:36	SW	S	CONC
64	AD614416/SD	A033106	TRACE2	03/31/06	15:41	SW	S	CONC
65	AD614417 3262	A033106	TRACE2	03/31/06	15:46	SW	S	CONC
66	AD614417/L (1:5)	A033106	TRACE2	03/31/06	15:51	SW	S	CONC
67	AD614417/PS	A033106	TRACE2	03/31/06	15:55	SW	S	CONC
68	CRI	A033106	TRACE2	03/31/06	16:02	SW	B	CONC
69	ICSA	A033106	TRACE2	03/31/06	16:06	SW	Q	CONC
70	ICSAB	A033106	TRACE2	03/31/06	16:11	SW	Q	CONC
71	CCV	A033106	TRACE2	03/31/06	16:17	SW	Q	CONC
72	CCB	A033106	TRACE2	03/31/06	16:22	SW	B	CONC
73	STD BLK	A033106	TRACE2	03/31/06	16:33		X	IR
74	STD 1	A033106	TRACE2	03/31/06	16:38		X	IR
75	STD 2	A033106	TRACE2	03/31/06	16:42		X	IR
76	STD 3	A033106	TRACE2	03/31/06	16:47		X	IR
77	STD 3 VER	A033106	TRACE2	03/31/06	16:52	SW	B	CONC
78	ICV	A033106	TRACE2	03/31/06	16:57	SW	Q	CONC
79	ICV	A033106	TRACE2	03/31/06	17:09	SW	Q	CONC
80	ICB	A033106	TRACE2	03/31/06	17:14	SW	B	CONC
81	CRI	A033106	TRACE2	03/31/06	17:19	SW	B	CONC
82	ICSA	A033106	TRACE2	03/31/06	17:24	SW	Q	CONC
83	ICSAB	A033106	TRACE2	03/31/06	17:29	SW	Q	CONC
84	CCV	A033106	TRACE2	03/31/06	17:35	SW	Q	CONC
85	CCB	A033106	TRACE2	03/31/06	17:40	SW	B	CONC
86	AD614426/PB	A033106	TRACE2	03/31/06	17:45	SW	S	CONC
87	AD614425/LCS	A033106	TRACE2	03/31/06	17:49	SW	S	CONC
88	AD614421 3261	A033106	TRACE2	03/31/06	17:54	SW	S	CONC
89	AD614421/L (1:5)	A033106	TRACE2	03/31/06	17:59	SW	S	CONC
90	AD614421/PS	A033106	TRACE2	03/31/06	18:04	SW	S	CONC
91	AD614422/MS	A033106	TRACE2	03/31/06	18:09	SW	S	CONC
92	AD614423/SD	A033106	TRACE2	03/31/06	18:14	SW	S	CONC
93	AD614424 3262	A033106	TRACE2	03/31/06	18:19	SW	S	CONC
94	AD614424/L (1:5)	A033106	TRACE2	03/31/06	18:23	SW	S	CONC
95	AD614424/PS	A033106	TRACE2	03/31/06	18:28	SW	S	CONC
96	CCV	A033106	TRACE2	03/31/06	18:34	SW	Q	CONC
97	CCB	A033106	TRACE2	03/31/06	18:39	SW	B	CONC
98	AD614492/PB	A033106	TRACE2	03/31/06	18:44	SW	S	CONC
99	AD614491/FB	A033106	TRACE2	03/31/06	18:49	SW	S	CONC
100	AD614469 3242	A033106	TRACE2	03/31/06	18:54	SW	S	CONC
101	AD614469/L (1:5)	A033106	TRACE2	03/31/06	18:59	SW	S	CONC
102	AD614469/PS	A033106	TRACE2	03/31/06	19:03	SW	S	CONC
103	AD614470/MS	A033106	TRACE2	03/31/06	19:08	SW	S	CONC
104	AD614471/SD	A033106	TRACE2	03/31/06	19:13	SW	S	CONC

Analysis Report Summary 04/03/06 07:15:12 AM page 3

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
105	AD614472 3242	A033106	TRACE2	03/31/06	19:18	SW	S	CONC
106	AD614473	A033106	TRACE2	03/31/06	19:23	SW	S	CONC
107	AD614474	A033106	TRACE2	03/31/06	19:28	SW	S	CONC
108	CCV	A033106	TRACE2	03/31/06	19:34	SW	Q	CONC
109	CCB	A033106	TRACE2	03/31/06	19:39	SW	B	CONC
110	AD614475	A033106	TRACE2	03/31/06	19:44	SW	S	CONC
111	AD614476	A033106	TRACE2	03/31/06	19:49	SW	S	CONC
112	AD614477 3266	A033106	TRACE2	03/31/06	19:53	SW	S	CONC
113	AD614478	A033106	TRACE2	03/31/06	19:58	SW	S	CONC
114	AD614479 3282	A033106	TRACE2	03/31/06	20:03	SW	S	CONC
115	AD614480 3285	A033106	TRACE2	03/31/06	20:08	SW	S	CONC
116	AD614481	A033106	TRACE2	03/31/06	20:13	SW	S	CONC
117	AD614482	A033106	TRACE2	03/31/06	20:18	SW	S	CONC
118	AD614483	A033106	TRACE2	03/31/06	20:22	SW	S	CONC
119	AD614484	A033106	TRACE2	03/31/06	20:27	SW	S	CONC
120	CCV	A033106	TRACE2	03/31/06	20:34	SW	Q	CONC
121	CCB	A033106	TRACE2	03/31/06	20:38	SW	B	CONC
122	AD614485	A033106	TRACE2	03/31/06	20:43	SW	S	CONC
123	AD614486	A033106	TRACE2	03/31/06	20:48	SW	S	CONC
124	AD614487	A033106	TRACE2	03/31/06	20:53	SW	S	CONC
125	AD614488	A033106	TRACE2	03/31/06	20:58	SW	S	CONC
126	AD614489	A033106	TRACE2	03/31/06	21:03	SW	S	CONC
127	AD614490 3287	A033106	TRACE2	03/31/06	21:08	SW	S	CONC
128	AD614468/PB	A033106	TRACE2	03/31/06	21:12	SW	S	CONC
129	AD614467/FB	A033106	TRACE2	03/31/06	21:17	SW	S	CONC
130	AD614445 3272	A033106	TRACE2	03/31/06	21:22	SW	S	CONC
131	AD614446	A033106	TRACE2	03/31/06	21:27	SW	S	CONC
132	CCV	A033106	TRACE2	03/31/06	21:33	SW	Q	CONC
133	CCB	A033106	TRACE2	03/31/06	21:38	SW	B	CONC
134	AD614446/L (1:5)	A033106	TRACE2	03/31/06	21:43	SW	S	CONC
135	AD614446/PS	A033106	TRACE2	03/31/06	21:48	SW	S	CONC
136	AD614447/MS	A033106	TRACE2	03/31/06	21:53	SW	S	CONC
137	AD614448/SD	A033106	TRACE2	03/31/06	21:57	SW	S	CONC
138	AD614449	A033106	TRACE2	03/31/06	22:02	SW	S	CONC
139	AD614450	A033106	TRACE2	03/31/06	22:07	SW	S	CONC
140	AD614451 3294	A033106	TRACE2	03/31/06	22:12	SW	S	CONC
141	AD614452	A033106	TRACE2	03/31/06	22:17	SW	S	CONC
142	AD614453	A033106	TRACE2	03/31/06	22:22	SW	S	CONC
143	AD614454 3298	A033106	TRACE2	03/31/06	22:27	SW	S	CONC
144	CCV	A033106	TRACE2	03/31/06	22:33	SW	Q	CONC
145	CCB	A033106	TRACE2	03/31/06	22:38	SW	B	CONC
146	AD614455 3302	A033106	TRACE2	03/31/06	22:43	SW	S	CONC
147	AD614456	A033106	TRACE2	03/31/06	22:47	SW	S	CONC
148	AD614457	A033106	TRACE2	03/31/06	22:52	SW	S	CONC
149	AD614458	A033106	TRACE2	03/31/06	22:57	SW	S	CONC
150	AD614459 3304	A033106	TRACE2	03/31/06	23:02	SW	S	CONC
151	AD614460	A033106	TRACE2	03/31/06	23:07	SW	S	CONC
152	AD614461	A033106	TRACE2	03/31/06	23:12	SW	S	CONC
153	CRI	A033106	TRACE2	03/31/06	23:18	SW	B	CONC
154	ICSA	A033106	TRACE2	03/31/06	23:23	SW	Q	CONC
155	ICSAB	A033106	TRACE2	03/31/06	23:28	SW	Q	CONC
156	CCV	A033106	TRACE2	03/31/06	23:34	SW	Q	CONC
157	CCB	A033106	TRACE2	03/31/06	23:39	SW	B	CONC
158	STD BLK	A033106	TRACE2	03/31/06	23:50		X	IR

Analysis Report Summary 04/03/06 07:15:12 AM page 4

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
159	STD 1	A033106	TRACE2	03/31/06	23:54		X	IR
160	STD 2	A033106	TRACE2	03/31/06	23:59		X	IR
161	STD 3	A033106	TRACE2	04/01/06	00:03		X	IR
162	STD 3 VER	A033106	TRACE2	04/01/06	00:08	SW	B	CONC
163	ICV	A033106	TRACE2	04/01/06	00:13	SW	Q	CONC
164	ICB	A033106	TRACE2	04/01/06	00:18	SW	B	CONC
165	CRI	A033106	TRACE2	04/01/06	00:23	SW	B	CONC
166	ICSA	A033106	TRACE2	04/01/06	00:27	SW	Q	CONC
167	ICSAB	A033106	TRACE2	04/01/06	00:32	SW	Q	CONC
168	CCV	A033106	TRACE2	04/01/06	00:38	SW	Q	CONC
169	CCB	A033106	TRACE2	04/01/06	00:43	SW	B	CONC
170	AD614462	A033106	TRACE2	04/01/06	00:48	SW	S	CONC
171	AD614463	A033106	TRACE2	04/01/06	00:53	SW	S	CONC
172	AD614464	A033106	TRACE2	04/01/06	00:58	SW	S	CONC
173	AD614465 3305	A033106	TRACE2	04/01/06	01:03	SW	S	CONC
174	AD614466	A033106	TRACE2	04/01/06	01:08	SW	S	CONC
175	AD614675/PB	A033106	TRACE2	04/01/06	01:13	SW	S	CONC
176	AD614674/FB	A033106	TRACE2	04/01/06	01:18	SW	S	CONC
177	AD614659 3288	A033106	TRACE2	04/01/06	01:22	SW	S	CONC
178	AD614660 3303	A033106	TRACE2	04/01/06	01:27	SW	S	CONC
179	AD614661 3309	A033106	TRACE2	04/01/06	01:32	SW	S	CONC
180	CCV	A033106	TRACE2	04/01/06	01:38	SW	Q	CONC
181	CCB	A033106	TRACE2	04/01/06	01:43	SW	B	CONC
182	AD614662 3310	A033106	TRACE2	04/01/06	01:48	SW	S	CONC
183	AD614663 3320	A033106	TRACE2	04/01/06	01:53	SW	S	CONC
184	AD614664	A033106	TRACE2	04/01/06	01:58	SW	S	CONC
185	AD614665 3324	A033106	TRACE2	04/01/06	02:03	SW	S	CONC
186	AD614666	A033106	TRACE2	04/01/06	02:08	SW	S	CONC
187	AD614667	A033106	TRACE2	04/01/06	02:12	SW	S	CONC
188	AD614667/L (1:5)	A033106	TRACE2	04/01/06	02:17	SW	S	CONC
189	AD614667/PS	A033106	TRACE2	04/01/06	02:22	SW	S	CONC
190	AD614668/MS	A033106	TRACE2	04/01/06	02:27	SW	S	CONC
191	AD614669/SD	A033106	TRACE2	04/01/06	02:32	SW	S	CONC
192	CCV	A033106	TRACE2	04/01/06	02:38	SW	Q	CONC
193	CCB	A033106	TRACE2	04/01/06	02:43	SW	B	CONC
194	AD614670	A033106	TRACE2	04/01/06	02:48	SW	S	CONC
195	AD614671	A033106	TRACE2	04/01/06	02:53	SW	S	CONC
196	AD614672 3337	A033106	TRACE2	04/01/06	02:58	SW	S	CONC
197	AD614673 3342	A033106	TRACE2	04/01/06	03:02	SW	S	CONC
198	CCV	A033106	TRACE2	04/01/06	03:09	SW	Q	CONC
199	CCB	A033106	TRACE2	04/01/06	03:13	SW	B	CONC

Method: TRACE2
Mode: Concentration
Standards Table: NAKCAMG
Data File: BJAN1206

Element	Wavelength	Date-of-Fit	Type-of-Fit	Correlation
Ca3179	317.933	01/12/06 03:36	Full Fit	.999981
K_7664	766.491	01/12/06 03:36	Full Fit	.999890
Mg2790	279.078	01/12/06 03:37	Full Fit	.999973
Na3302	330.232	01/12/06 03:37	Full Fit	.999769

Calibration Report 01/12/06 03:09:02 PM

Method: TRACE2 Standard Name: STD BLK Operator:
Run Time: 01/12/06 15:06:01
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	.0187368	-.013323	.0131973	.0092251
SDev	.0000522	.014416	.0025729	.0009780
%RSD	.2785264	108.2074	19.49542	10.60165
#1	.0187737	-.003129	.0113780	.0085335
#2	.0186999	-.023517	.0150166	.0099166
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3522	--	--	--	--	--	--
SDev	9.811107	--	--	--	--	--	--
%RSD	.2785278	--	--	--	--	--	--
#1	3516	--	--	--	--	--	--
#2	3529	--	--	--	--	--	--

Calibration Report

01/12/06 03:12:37 PM

Method: TRACE2 Standard Name: STD 1
Run Time: 01/12/06 15:09:37 Operator:
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	4.139975	7.338139	8.180307	.3290854
SDev	.014799	.039449	.028677	.0063283
%RSD	.3574726	.5375855	.3505662	1.923005
#1	4.150439	7.366034	8.200585	.3246106
#2	4.129510	7.310245	8.160029	.3335602
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3533	--	--	--	--	--	--
SDev	9.917276	--	--	--	--	--	--
%RSD	.2807349	--	--	--	--	--	--
#1	3540	--	--	--	--	--	--
#2	3526	--	--	--	--	--	--

Calibration Report 01/12/06 03:16:42 PM

Method: TRACE2 Standard Name: STD 2 Operator:
Run Time: 01/12/06 15:13:42
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	20.09482	33.58319	40.76353	1.591690
SDev	.02826	.08707	.03667	.011993
%RSD	.1406230	.2592807	.0899606	.7534580
#1	20.07484	33.64476	40.73760	1.600170
#2	20.11480	33.52162	40.78946	1.583210
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3509	--	--	--	--	--	--
SDev	16.65240	--	--	--	--	--	--
%RSD	.4745490	--	--	--	--	--	--
#1	3521	--	--	--	--	--	--
#2	3497	--	--	--	--	--	--

Calibration Report 01/12/06 03:20:30 PM

Method: TRACE2 Standard Name: STD 3 Operator:
Run Time: 01/12/06 15:17:30
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	40.33597	67.84751	83.22988	3.438724
SDev	.01648	.04579	.02288	.001151
%RSD	.0408663	.0674911	.0274958	.0334603
#1	40.32431	67.87989	83.21370	3.439537
#2	40.34763	67.81513	83.24606	3.437910
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3465	--	--	--	--	--	--
SDev	2.598652	--	--	--	--	--	--
%RSD	.0750077	--	--	--	--	--	--
#1	3463	--	--	--	--	--	--
#2	3466	--	--	--	--	--	--

Calibration Report 01/12/06 03:24:29 PM

Method: TRACE2 Standard Name: NAKCAMG100 Operator:
Run Time: 01/12/06 15:21:30
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	78.86287	127.0746	167.8150	7.177074
SDev	.04026	.3672	.0498	.016800
%RSD	.0510524	.2889405	.0296912	.2340797
#1	78.89134	126.8149	167.8502	7.165195
#2	78.83440	127.3342	167.7798	7.188953
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3426	--	--	--	--	--	--
SDev	4.295639	--	--	--	--	--	--
%RSD	.1253794	--	--	--	--	--	--
#1	3423	--	--	--	--	--	--
#2	3429	--	--	--	--	--	--

Calibration Report 01/12/06 03:28:33 PM

Method: TRACE2 Standard Name: NAKCAMG400 Operator:
Run Time: 01/12/06 15:25:33
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	287.0898	413.3951	689.8328	32.30347
SDev	.8149	.4500	1.6912	.07109
%RSD	.2838392	.1088577	.2451552	.2200606
#1	287.6660	413.7133	691.0286	32.35374
#2	286.5136	413.0769	688.6370	32.25321
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3251	--	--	--	--	--	--
SDev	8.379285	--	--	--	--	--	--
%RSD	.2577726	--	--	--	--	--	--
#1	3245	--	--	--	--	--	--
#2	3257	--	--	--	--	--	--

Analysis Report Summary 04/03/06 07:15:31 AM page 1

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	A6310701/TOT	A033106	TRACE2	03/31/06	11:30	SW	S	CONC
2	A6310704/SOL	A033106	TRACE2	03/31/06	11:34	SW	S	CONC
3	A6310706/SOL	A033106	TRACE2	03/31/06	11:50	SW	S	CONC
4	A6310707/TOT	A033106	TRACE2	03/31/06	11:55	SW	S	CONC
5	AD613840/FB	A033106	TRACE2	03/31/06	12:10	SW	S	CONC
6	AD613840/FB	A033106	TRACE2	03/31/06	13:37	SW	S	CONC
7	AD613841/PB	A033106	TRACE2	03/31/06	12:05	SW	S	CONC
8	AD613841/PB	A033106	TRACE2	03/31/06	13:32	SW	S	CONC
9	AD613860/FB	A033106	TRACE2	03/31/06	10:51	SW	S	CONC
10	AD613986	A033106	TRACE2	03/31/06	11:05	SW	S	CONC
11	AD613986/L (1:5)	A033106	TRACE2	03/31/06	11:10	SW	S	CONC
12	AD613986/PS	A033106	TRACE2	03/31/06	11:15	SW	S	CONC
13	AD613987/MS	A033106	TRACE2	03/31/06	11:20	SW	S	CONC
14	AD613988/SD	A033106	TRACE2	03/31/06	11:25	SW	S	CONC
15	AD613989/FB	A033106	TRACE2	03/31/06	11:01	SW	S	CONC
16	AD613990/PB	A033106	TRACE2	03/31/06	10:56	SW	S	CONC
17	AD614251/FB	A033106	TRACE2	03/31/06	12:19	SW	S	CONC
18	AD614251/FB	A033106	TRACE2	03/31/06	13:47	SW	S	CONC
19	AD614252/PB	A033106	TRACE2	03/31/06	12:14	SW	S	CONC
20	AD614252/PB	A033106	TRACE2	03/31/06	13:42	SW	S	CONC
21	AD614257/(1:5)	A033106	TRACE2	03/31/06	13:10	SW	S	CONC
22	AD614259/(1:5)	A033106	TRACE2	03/31/06	13:18	SW	S	CONC
23	AD614288/(1:5)	A033106	TRACE2	03/31/06	13:23	SW	S	CONC
24	AD614289/(1:5)	A033106	TRACE2	03/31/06	13:27	SW	S	CONC
25	AD614383/(1:5)	A033106	TRACE2	03/31/06	12:00	SW	S	CONC
26	AD614410	A033106	TRACE2	03/31/06	14:25	SW	S	CONC
27	AD614410/L (1:5)	A033106	TRACE2	03/31/06	14:30	SW	S	CONC
28	AD614410/PS	A033106	TRACE2	03/31/06	14:35	SW	S	CONC
29	AD614411	A033106	TRACE2	03/31/06	14:40	SW	S	CONC
30	AD614412	A033106	TRACE2	03/31/06	14:45	SW	S	CONC
31	AD614413	A033106	TRACE2	03/31/06	14:49	SW	S	CONC
32	AD614413/L (1:5)	A033106	TRACE2	03/31/06	14:54	SW	S	CONC
33	AD614413/PS	A033106	TRACE2	03/31/06	15:06	SW	S	CONC
34	AD614414	A033106	TRACE2	03/31/06	15:11	SW	S	CONC
35	AD614414/L (1:5)	A033106	TRACE2	03/31/06	15:26	SW	S	CONC
36	AD614414/PS	A033106	TRACE2	03/31/06	15:31	SW	S	CONC
37	AD614415/MS	A033106	TRACE2	03/31/06	15:36	SW	S	CONC
38	AD614416/SD	A033106	TRACE2	03/31/06	15:41	SW	S	CONC
39	AD614417	A033106	TRACE2	03/31/06	15:46	SW	S	CONC
40	AD614417/L (1:5)	A033106	TRACE2	03/31/06	15:51	SW	S	CONC
41	AD614417/PS	A033106	TRACE2	03/31/06	15:55	SW	S	CONC
42	AD614418/EBLK	A033106	TRACE2	03/31/06	14:20	SW	S	CONC
43	AD614419/LCS	A033106	TRACE2	03/31/06	13:57	SW	S	CONC
44	AD614420/PB	A033106	TRACE2	03/31/06	13:52	SW	S	CONC
45	AD614421	A033106	TRACE2	03/31/06	17:54	SW	S	CONC
46	AD614421/L (1:5)	A033106	TRACE2	03/31/06	17:59	SW	S	CONC
47	AD614421/PS	A033106	TRACE2	03/31/06	18:04	SW	S	CONC
48	AD614422/MS	A033106	TRACE2	03/31/06	18:09	SW	S	CONC
49	AD614423/SD	A033106	TRACE2	03/31/06	18:14	SW	S	CONC
50	AD614424	A033106	TRACE2	03/31/06	18:19	SW	S	CONC
51	AD614424/L (1:5)	A033106	TRACE2	03/31/06	18:23	SW	S	CONC
52	AD614424/PS	A033106	TRACE2	03/31/06	18:28	SW	S	CONC
53	AD614425/LCS	A033106	TRACE2	03/31/06	17:49	SW	S	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
54	AD614426/PB	A033106	TRACE2	03/31/06	17:45	SW	S	CONC
55	AD614445	A033106	TRACE2	03/31/06	21:22	SW	S	CONC
56	AD614446	A033106	TRACE2	03/31/06	21:27	SW	S	CONC
57	AD614446/L (1:5)	A033106	TRACE2	03/31/06	21:43	SW	S	CONC
58	AD614446/PS	A033106	TRACE2	03/31/06	21:48	SW	S	CONC
59	AD614447/MS	A033106	TRACE2	03/31/06	21:53	SW	S	CONC
60	AD614448/SD	A033106	TRACE2	03/31/06	21:57	SW	S	CONC
61	AD614449	A033106	TRACE2	03/31/06	22:02	SW	S	CONC
62	AD614450	A033106	TRACE2	03/31/06	22:07	SW	S	CONC
63	AD614451	A033106	TRACE2	03/31/06	22:12	SW	S	CONC
64	AD614452	A033106	TRACE2	03/31/06	22:17	SW	S	CONC
65	AD614453	A033106	TRACE2	03/31/06	22:22	SW	S	CONC
66	AD614454	A033106	TRACE2	03/31/06	22:27	SW	S	CONC
67	AD614455	A033106	TRACE2	03/31/06	22:43	SW	S	CONC
68	AD614456	A033106	TRACE2	03/31/06	22:47	SW	S	CONC
69	AD614457	A033106	TRACE2	03/31/06	22:52	SW	S	CONC
70	AD614458	A033106	TRACE2	03/31/06	22:57	SW	S	CONC
71	AD614459	A033106	TRACE2	03/31/06	23:02	SW	S	CONC
72	AD614460	A033106	TRACE2	03/31/06	23:07	SW	S	CONC
73	AD614461	A033106	TRACE2	03/31/06	23:12	SW	S	CONC
74	AD614462	A033106	TRACE2	04/01/06	00:48	SW	S	CONC
75	AD614463	A033106	TRACE2	04/01/06	00:53	SW	S	CONC
76	AD614464	A033106	TRACE2	04/01/06	00:58	SW	S	CONC
77	AD614465	A033106	TRACE2	04/01/06	01:03	SW	S	CONC
78	AD614466	A033106	TRACE2	04/01/06	01:08	SW	S	CONC
79	AD614467/FB	A033106	TRACE2	03/31/06	21:17	SW	S	CONC
80	AD614468/PB	A033106	TRACE2	03/31/06	21:12	SW	S	CONC
81	AD614469	A033106	TRACE2	03/31/06	18:54	SW	S	CONC
82	AD614469/L (1:5)	A033106	TRACE2	03/31/06	18:59	SW	S	CONC
83	AD614469/PS	A033106	TRACE2	03/31/06	19:03	SW	S	CONC
84	AD614470/MS	A033106	TRACE2	03/31/06	19:08	SW	S	CONC
85	AD614471/SD	A033106	TRACE2	03/31/06	19:13	SW	S	CONC
86	AD614472	A033106	TRACE2	03/31/06	19:18	SW	S	CONC
87	AD614473	A033106	TRACE2	03/31/06	19:23	SW	S	CONC
88	AD614474	A033106	TRACE2	03/31/06	19:28	SW	S	CONC
89	AD614475	A033106	TRACE2	03/31/06	19:44	SW	S	CONC
90	AD614476	A033106	TRACE2	03/31/06	19:49	SW	S	CONC
91	AD614477	A033106	TRACE2	03/31/06	19:53	SW	S	CONC
92	AD614478	A033106	TRACE2	03/31/06	19:58	SW	S	CONC
93	AD614479	A033106	TRACE2	03/31/06	20:03	SW	S	CONC
94	AD614480	A033106	TRACE2	03/31/06	20:08	SW	S	CONC
95	AD614481	A033106	TRACE2	03/31/06	20:13	SW	S	CONC
96	AD614482	A033106	TRACE2	03/31/06	20:18	SW	S	CONC
97	AD614483	A033106	TRACE2	03/31/06	20:22	SW	S	CONC
98	AD614484	A033106	TRACE2	03/31/06	20:27	SW	S	CONC
99	AD614485	A033106	TRACE2	03/31/06	20:43	SW	S	CONC
100	AD614486	A033106	TRACE2	03/31/06	20:48	SW	S	CONC
101	AD614487	A033106	TRACE2	03/31/06	20:53	SW	S	CONC
102	AD614488	A033106	TRACE2	03/31/06	20:58	SW	S	CONC
103	AD614489	A033106	TRACE2	03/31/06	21:03	SW	S	CONC
104	AD614490	A033106	TRACE2	03/31/06	21:08	SW	S	CONC
105	AD614491/FB	A033106	TRACE2	03/31/06	18:49	SW	S	CONC
106	AD614492/PB	A033106	TRACE2	03/31/06	18:44	SW	S	CONC
107	AD614659	A033106	TRACE2	04/01/06	01:22	SW	S	CONC

Analysis Report Summary 04/03/06 07:15:31 AM page 3

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
108	AD614660	A033106	TRACE2	04/01/06	01:27	SW	S	CONC
109	AD614661	A033106	TRACE2	04/01/06	01:32	SW	S	CONC
110	AD614662	A033106	TRACE2	04/01/06	01:48	SW	S	CONC
111	AD614663	A033106	TRACE2	04/01/06	01:53	SW	S	CONC
112	AD614664	A033106	TRACE2	04/01/06	01:58	SW	S	CONC
113	AD614665	A033106	TRACE2	04/01/06	02:03	SW	S	CONC
114	AD614666	A033106	TRACE2	04/01/06	02:08	SW	S	CONC
115	AD614667	A033106	TRACE2	04/01/06	02:12	SW	S	CONC
116	AD614667/L (1:5)	A033106	TRACE2	04/01/06	02:17	SW	S	CONC
117	AD614667/PS	A033106	TRACE2	04/01/06	02:22	SW	S	CONC
118	AD614668/MS	A033106	TRACE2	04/01/06	02:27	SW	S	CONC
119	AD614669/SD	A033106	TRACE2	04/01/06	02:32	SW	S	CONC
120	AD614670	A033106	TRACE2	04/01/06	02:48	SW	S	CONC
121	AD614671	A033106	TRACE2	04/01/06	02:53	SW	S	CONC
122	AD614672	A033106	TRACE2	04/01/06	02:58	SW	S	CONC
123	AD614673	A033106	TRACE2	04/01/06	03:02	SW	S	CONC
124	AD614674/FB	A033106	TRACE2	04/01/06	01:18	SW	S	CONC
125	AD614675/PB	A033106	TRACE2	04/01/06	01:13	SW	S	CONC
126	CCB	A033106	TRACE2	03/31/06	10:46	SW	B	CONC
127	CCB	A033106	TRACE2	03/31/06	11:45	SW	B	CONC
128	CCB	A033106	TRACE2	03/31/06	12:48	SW	B	CONC
129	CCB	A033106	TRACE2	03/31/06	14:16	SW	B	CONC
130	CCB	A033106	TRACE2	03/31/06	15:22	SW	B	CONC
131	CCB	A033106	TRACE2	03/31/06	16:22	SW	B	CONC
132	CCB	A033106	TRACE2	03/31/06	17:40	SW	B	CONC
133	CCB	A033106	TRACE2	03/31/06	18:39	SW	B	CONC
134	CCB	A033106	TRACE2	03/31/06	19:39	SW	B	CONC
135	CCB	A033106	TRACE2	03/31/06	20:38	SW	B	CONC
136	CCB	A033106	TRACE2	03/31/06	21:38	SW	B	CONC
137	CCB	A033106	TRACE2	03/31/06	22:38	SW	B	CONC
138	CCB	A033106	TRACE2	03/31/06	23:39	SW	B	CONC
139	CCB	A033106	TRACE2	04/01/06	00:43	SW	B	CONC
140	CCB	A033106	TRACE2	04/01/06	01:43	SW	B	CONC
141	CCB	A033106	TRACE2	04/01/06	02:43	SW	B	CONC
142	CCB	A033106	TRACE2	04/01/06	03:13	SW	B	CONC
143	CCV	A033106	TRACE2	03/31/06	10:41	SW	Q	CONC
144	CCV	A033106	TRACE2	03/31/06	11:41	SW	Q	CONC
145	CCV	A033106	TRACE2	03/31/06	12:44	SW	Q	CONC
146	CCV	A033106	TRACE2	03/31/06	14:11	SW	Q	CONC
147	CCV	A033106	TRACE2	03/31/06	15:17	SW	Q	CONC
148	CCV	A033106	TRACE2	03/31/06	16:17	SW	Q	CONC
149	CCV	A033106	TRACE2	03/31/06	17:35	SW	Q	CONC
150	CCV	A033106	TRACE2	03/31/06	18:34	SW	Q	CONC
151	CCV	A033106	TRACE2	03/31/06	19:34	SW	Q	CONC
152	CCV	A033106	TRACE2	03/31/06	20:34	SW	Q	CONC
153	CCV	A033106	TRACE2	03/31/06	21:33	SW	Q	CONC
154	CCV	A033106	TRACE2	03/31/06	22:33	SW	Q	CONC
155	CCV	A033106	TRACE2	03/31/06	23:34	SW	Q	CONC
156	CCV	A033106	TRACE2	04/01/06	00:38	SW	Q	CONC
157	CCV	A033106	TRACE2	04/01/06	01:38	SW	Q	CONC
158	CCV	A033106	TRACE2	04/01/06	02:38	SW	Q	CONC
159	CCV	A033106	TRACE2	04/01/06	03:09	SW	Q	CONC
160	CRI	A033106	TRACE2	03/31/06	10:25	SW	B	CONC
161	CRI	A033106	TRACE2	03/31/06	12:28	SW	B	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
162	CRI	A033106	TRACE2	03/31/06	16:02	SW	B	CONC
163	CRI	A033106	TRACE2	03/31/06	17:19	SW	B	CONC
164	CRI	A033106	TRACE2	03/31/06	23:18	SW	B	CONC
165	CRI	A033106	TRACE2	04/01/06	00:23	SW	B	CONC
166	ICB	A033106	TRACE2	03/31/06	10:21	SW	B	CONC
167	ICB	A033106	TRACE2	03/31/06	17:14	SW	B	CONC
168	ICB	A033106	TRACE2	04/01/06	00:18	SW	B	CONC
169	ICSA	A033106	TRACE2	03/31/06	10:30	SW	Q	CONC
170	ICSA	A033106	TRACE2	03/31/06	12:33	SW	Q	CONC
171	ICSA	A033106	TRACE2	03/31/06	16:06	SW	Q	CONC
172	ICSA	A033106	TRACE2	03/31/06	17:24	SW	Q	CONC
173	ICSA	A033106	TRACE2	03/31/06	23:23	SW	Q	CONC
174	ICSA	A033106	TRACE2	04/01/06	00:27	SW	Q	CONC
175	ICSAB	A033106	TRACE2	03/31/06	10:35	SW	Q	CONC
176	ICSAB	A033106	TRACE2	03/31/06	12:37	SW	Q	CONC
177	ICSAB	A033106	TRACE2	03/31/06	16:11	SW	Q	CONC
178	ICSAB	A033106	TRACE2	03/31/06	17:29	SW	Q	CONC
179	ICSAB	A033106	TRACE2	03/31/06	23:28	SW	Q	CONC
180	ICSAB	A033106	TRACE2	04/01/06	00:32	SW	Q	CONC
181	ICV	A033106	TRACE2	03/31/06	10:16	SW	Q	CONC
182	ICV	A033106	TRACE2	03/31/06	16:57	SW	Q	CONC
183	ICV	A033106	TRACE2	03/31/06	17:09	SW	Q	CONC
184	ICV	A033106	TRACE2	04/01/06	00:13	SW	Q	CONC
185	STD 1	A033106	TRACE2	03/31/06	09:57		X	IR
186	STD 1	A033106	TRACE2	03/31/06	16:38		X	IR
187	STD 1	A033106	TRACE2	03/31/06	23:54		X	IR
188	STD 2	A033106	TRACE2	03/31/06	10:02		X	IR
189	STD 2	A033106	TRACE2	03/31/06	16:42		X	IR
190	STD 2	A033106	TRACE2	03/31/06	23:59		X	IR
191	STD 3	A033106	TRACE2	03/31/06	10:06		X	IR
192	STD 3	A033106	TRACE2	03/31/06	16:47		X	IR
193	STD 3	A033106	TRACE2	04/01/06	00:03		X	IR
194	STD 3 VER	A033106	TRACE2	03/31/06	10:11	SW	B	CONC
195	STD 3 VER	A033106	TRACE2	03/31/06	16:52	SW	B	CONC
196	STD 3 VER	A033106	TRACE2	04/01/06	00:08	SW	B	CONC
197	STD BLK	A033106	TRACE2	03/31/06	09:52		X	IR
198	STD BLK	A033106	TRACE2	03/31/06	16:33		X	IR
199	STD BLK	A033106	TRACE2	03/31/06	23:50		X	IR

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
1	A6310701/TOT	5.3879	.00605	.03387	.05063	.00042	32.056
2	A6310704/SOL	.01901	.01101	.05720	.09135	-.00007	63.511
3	A6310706/SOL	.01116	.00262	.02726	.01509	-.00005	19.636
4	A6310707/TOT	.83953	.00530	.02627	.03614	.00007	19.746
5	AD613840/FB	L.08219	L.00505	H1.7096	L.03821	L.00013	H22.932
6	AD613840/FB	10.464	.21333	.19734	H.23164	.20914	10.275
7	AD613841/PB	.06222	H.01976	H2.4481	H.05658	.00011	H36.930
8	AD613841/PB	.02366	.00052	.00395	.00004	.00001	.01065
9	AD613860/FB	9.7459	.19506	.18375	.20342	.19445	9.5588
10	AD613986	.02197	.00075	.04523	.06069	.00011	84.320
11	AD613986/L (1:5)	.01202	.00111	.00934	.01190	.00004	16.387
12	AD613986/PS	10.061	.20841	.23764	.26796	.20438	91.054
13	AD613987/MS	10.185	.20784	.23744	.27973	.20438	97.048
14	AD613988/SD	10.328	.21429	.23893	.28657	.20876	96.902
15	AD613989/FB	10.040	.21218	.18924	.21886	.20597	10.112
16	AD613990/PB	.06327	.00165	.00226	.00041	.00008	.04607
17	AD614251/FB	L.03595	L.00593	H.96853	L.04527	L.00009	H34.752
18	AD614251/FB	10.151	.20678	.19217	.22167	.20277	9.9253
19	AD614252/PB	.07551	H.01036	H1.9629	H.04828	.00011	H25.867
20	AD614252/PB	.01628	.00208	.00401	.00003	.00002	.00558
21	AD614257/(1:5)	.12390	.01622	2.3626	.06021	.00014	37.146
22	AD614259/(1:5)	.07166	.01536	1.2915	.04425	.00009	35.607
23	AD614288/(1:5)	.02108	.00085	.07856	.19370	.00007	10.351
24	AD614289/(1:5)	.11591	.00156	.16292	.00295	.00016	44.765
25	AD614383/(1:5)	.08779	.00199	.04756	.03437	.00009	25.603
26	AD614410	.40828	.00890	.07770	.20453	.00025	10.531
27	AD614410/L (1:5)	.08447	.00400	.01773	.04270	.00009	2.0999
28	AD614410/PS	10.402	.21071	.27024	.40273	.19750	19.936
29	AD614411	.38540	.01688	.06139	.29107	.00044	9.4375
30	AD614412	.81357	.00994	.11284	.09352	.00039	10.432
31	AD614413	.06231	.00170	.03692	.06147	.00017	2.2166
32	AD614413/L (1:5)	.01277	.00083	.00836	.01233	.00005	.43212
33	AD614413/PS	9.8329	.20341	.22359	.24619	.19702	11.543
34	AD614414	.03843	.00517	.05063	.07261	.00051	H769.26
35	AD614414/L (1:5)	.00662	.00136	.01113	.01407	.00014	138.23
36	AD614414/PS	10.401	.20816	.24470	.27954	.19854	H765.06
37	AD614415/MS	10.034	.20108	.22313	.26686	.18911	H715.91
38	AD614416/SD	10.094	.20629	.23415	.26617	.19157	H717.53
39	AD614417	.09791	.00337	.06521	.12770	.00051	H730.37
40	AD614417/L (1:5)	.01598	.00264	.01231	.02503	.00016	133.13
41	AD614417/PS	10.276	.20341	.25824	.32093	.19642	H716.79
42	AD614418/EBLK	.03248	.00276	.03021	H.03171	.00013	H.72093
43	AD614419/LCS	9.7905	.21287	.20667	H.24560	.19320	10.372
44	AD614420/PB	.01283	.00143	.00304	.00006	.00004	.00011
45	AD614421	.01871	.00010	.03452	.02760	-.00005	46.660
46	AD614421/L (1:5)	.00272	-.00256	.00669	.00565	-.00002	9.2714
47	AD614421/PS	9.9519	.20452	.22641	.23790	.20154	56.149
48	AD614422/MS	10.082	.20919	.21755	.24268	.20492	59.203
49	AD614423/SD	10.215	.20999	.23013	.24794	.20786	60.258
50	AD614424	-.00082	-.00173	.02615	.01752	-.00001	58.064
51	AD614424/L (1:5)	-.00791	-.00001	.00521	.00357	-.00007	11.280
52	AD614424/PS	9.8012	.20166	.21641	.22359	.20194	67.008
53	AD614425/LCS	9.7561	.19954	.18376	.20663	.19768	9.6763

Analysis Report Averages 04/03/06 07:15:31 AM page 6

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
54	AD614426/PB	.00924	-.00182	.00052	.00020	.00000	-.00580
55	AD614445	26.852	.01211	.10470	.33655	.00123	227.79
56	AD614446	.00715	-.00096	.12514	.07694	.00008	187.19
57	AD614446/L (1:5)	-.00804	-.00385	.02680	.01541	-.00001	36.223
58	AD614446/PS	10.164	.20546	.31706	.29274	.20370	191.50
59	AD614447/MS	10.130	.20614	.31386	.29919	.19798	201.71
60	AD614448/SD	10.031	.20589	.31307	.29793	.19792	201.69
61	AD614449	7.3767	.00263	.20761	.18649	.00039	175.10
62	AD614450	53.027	.07337	.32814	.85787	.00259	403.87
63	AD614451	.00308	-.00168	.19718	.02990	.00031	207.77
64	AD614452	-.00317	-.00403	.32459	.15355	.00009	22.729
65	AD614453	.00803	-.00152	.28167	.63295	.00011	29.950
66	AD614454	.00100	.04829	.43112	.37243	.00006	134.10
67	AD614455	-.00461	-.00133	.00138	.00121	-.00005	-.00011
68	AD614456	-.00969	.01366	.01831	.15616	-.00003	60.358
69	AD614457	.00897	.00873	.03745	.09973	.00009	138.20
70	AD614458	-.00159	-.00198	.05426	.08256	.00000	121.22
71	AD614459	.28467	-.00083	.02108	.09086	.00002	111.34
72	AD614460	.03369	-.00243	.03194	.02505	.00000	71.270
73	AD614461	.24528	-.00087	.02014	.08979	.00005	109.75
74	AD614462	.01957	.00623	.03691	.04274	.00009	78.697
75	AD614463	.02934	.00381	.01171	.03637	.00001	77.877
76	AD614464	.00334	.00054	.00044	.00009	.00000	.03048
77	AD614465	.04737	.00242	.03802	.03091	.00003	81.332
78	AD614466	.13964	.00048	.04024	.03337	-.00002	83.709
79	AD614467/FB	10.050	.20580	.19544	.21798	.20262	9.9436
80	AD614468/PB	-.00756	-.00352	.00953	.00035	-.00007	.03436
81	AD614469	.00957	.00770	1.1481	.02008	.00003	19.026
82	AD614469/L (1:5)	-.00467	-.00150	.22369	.00399	-.00002	3.6931
83	AD614469/PS	10.256	.21961	1.3210	.22855	.20328	28.569
84	AD614470/MS	10.170	.21605	1.3364	.22967	.20073	29.011
85	AD614471/SD	10.181	.21583	1.3438	.22941	.20104	29.147
86	AD614472	.00515	.00767	1.1518	.02010	.00001	18.939
87	AD614473	-.00466	.00745	.84078	.01762	.00002	28.353
88	AD614474	.00154	.00054	.60690	.01642	.00000	10.162
89	AD614475	1.2859	.00116	1.8366	.03596	.00016	29.641
90	AD614476	.00080	.16784	1.3311	.04153	.00008	43.893
91	AD614477	28.878	.01675	.03869	.25340	.00129	149.48
92	AD614478	-.00112	-.00191	.00362	.00022	-.00006	-.00567
93	AD614479	-.00206	.00268	1.0034	.62555	.00001	28.480
94	AD614480	.00936	.00243	1.8837	1.3609	.00023	203.52
95	AD614481	.00604	-.00134	.93138	.12060	.00008	10.692
96	AD614482	.00454	-.00184	.06095	.36603	.00002	151.32
97	AD614483	.00496	-.00244	.86716	.06716	.00000	6.5000
98	AD614484	.06614	-.00253	.83677	.13821	.00001	12.259
99	AD614485	.00731	.00116	1.8296	1.3101	.00022	198.98
100	AD614486	.03340	-.00252	.38533	.04285	.00004	117.59
101	AD614487	.02109	.00151	.60071	.28197	.00019	344.30
102	AD614488	.00229	-.00052	.03288	.08972	.00003	117.30
103	AD614489	-.00334	-.00194	.03234	.12545	.00003	133.34
104	AD614490	.01191	.00116	5.4223	3.1337	.00078	H1090.7
105	AD614491/FB	9.8080	.19784	.18417	.20363	.19848	9.6562
106	AD614492/PB	-.00582	-.00109	.00085	.00020	-.00009	-.00910
107	AD614659	.35282	.02529	5.0856	.42516	.00029	189.05

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
108	AD614660	.19977	.04963	11.479	.32615	.00037	238.94
109	AD614661	-.00182	.00458	.02864	.00275	.00001	7.5580
110	AD614662	-.00064	.00055	.01407	.01323	.00004	95.291
111	AD614663	2.2084	-.00088	.01359	.02096	.00029	6.2751
112	AD614664	14.688	.01237	.01091	.25835	.00115	22.802
113	AD614665	.39544	.00186	.99675	.63742	.00017	125.27
114	AD614666	.67494	.00205	2.7084	.71097	.00008	93.232
115	AD614667	.04709	.00402	1.4643	.25923	.00014	162.83
116	AD614667/L (1:5)	.00314	.00094	.29387	.05264	.00002	32.215
117	AD614667/PS	10.171	.21039	1.6188	.46115	.20330	168.92
118	AD614668/MS	10.260	.20964	1.6431	.46576	.20224	171.61
119	AD614669/SD	10.406	.21185	1.6931	.47541	.20464	176.63
120	AD614670	.50286	-.00062	.18212	.11995	.00008	52.207
121	AD614671	.02463	.00237	4.1249	.18013	.00014	126.18
122	AD614672	.30547	.09234	.41283	1.0369	.00037	445.78
123	AD614673	.02135	.00251	.23383	.30785	.00018	173.61
124	AD614674/FB	10.107	.20206	.19143	.21132	.20314	9.9936
125	AD614675/PB	.00173	-.00026	.00010	-.00003	-.00001	.01323
126	CCB	.05224	.00043	.00114	.00009	.00012	.03660
127	CCB	.03184	.00162	.00101	.00009	.00012	.01220
128	CCB	.04263	.00216	.00263	.00002	.00013	.02342
129	CCB	.02133	.00274	.00144	-.00005	.00007	.01938
130	CCB	.02059	.00244	.00145	.00004	.00005	.02791
131	CCB	.02881	.00222	.00061	.00013	.00020	.04825
132	CCB	.00319	-.00044	.00115	.00007	-.00001	-.01436
133	CCB	-.00877	-.00211	.00021	.00019	.00001	-.02198
134	CCB	-.00795	-.00242	.00224	.00015	-.00002	-.02767
135	CCB	-.00606	.00046	.00263	.00016	.00000	-.02580
136	CCB	-.00635	-.00299	.00424	.00016	.00001	-.01296
137	CCB	-.00871	-.00216	.00251	.00018	.00004	-.01698
138	CCB	.00103	-.00147	.00126	.00015	.00000	-.01572
139	CCB	.01291	.00125	.00087	.00000	.00010	.01533
140	CCB	-.00706	.00029	.00737	-.00010	.00001	-.00213
141	CCB	-.00550	.00155	.00495	-.00004	.00008	-.00116
142	CCB	-.00812	.00024	.00451	-.00002	.00004	.01433
143	CCV	25.039	.49724	.46144	.51565	.49973	25.349
144	CCV	25.362	.49743	.46509	.51413	.50400	25.466
145	CCV	25.601	.50312	.46738	.52969	.50727	25.777
146	CCV	24.798	.47712	.45940	.48391	.49678	24.546
147	CCV	24.760	.47886	.46070	.49518	.49668	24.597
148	CCV	24.548	.47141	.46004	.48656	.49630	24.494
149	CCV	25.149	.49341	.46916	.49324	.50332	25.330
150	CCV	25.198	.48916	.46770	.49065	.50258	25.194
151	CCV	25.454	.50160	.47273	.52192	.50570	25.676
152	CCV	25.486	.50168	.47301	.52989	.50545	25.711
153	CCV	25.377	.49541	.47157	.52039	.50482	25.550
154	CCV	25.607	.50482	.47685	.51874	.50945	25.696
155	CCV	25.048	.49869	.46927	.51692	.50160	25.402
156	CCV	24.921	.48673	.46694	.49150	.50041	25.392
157	CCV	25.226	.49274	.47826	.49698	.50452	25.597
158	CCV	25.082	.49284	.47287	.49307	.50240	25.492
159	CCV	25.032	.48982	.47123	.48776	.50095	25.367
160	CRI	.21144	.01236	.05115	.00212	.00215	.48549
161	CRI	.20656	.01074	.05264	.00212	.00204	.47904

Analysis Report Averages 04/03/06 07:15:31 AM page 8

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
162	CRI	.19558	.01011	.04948	.00196	.00204	.49740
163	CRI	.18919	.00787	.04938	.00211	.00200	.46674
164	CRI	.18582	.00781	.05095	.00217	.00194	.46083
165	CRI	.19287	.01123	.05024	.00187	.00208	.48505
166	ICB	.01562	.00135	.00239	.00027	.00024	.01059
167	ICB	.00247	.00071	.00121	.00029	.00018	-.00891
168	ICB	-.00058	.00217	.00186	.00002	.00006	-.00009
169	ICSA	502.16	.00144	.00966	.01200	.00135	527.97
170	ICSA	526.19	.00610	.01277	.01319	.00147	561.18
171	ICSA	503.20	.00155	.00973	.01180	.00141	520.06
172	ICSA	517.14	-.00160	.00955	.01255	.00136	552.63
173	ICSA	515.30	.00061	.00982	.01268	.00137	547.49
174	ICSA	510.29	.00223	.01018	.01199	.00137	544.88
175	ICSAB	514.10	.10933	.02033	.52600	.49190	545.78
176	ICSAB	530.92	.11083	.02388	.57469	.50582	573.30
177	ICSAB	510.47	.10328	.02059	.50936	.49257	530.43
178	ICSAB	526.65	.10579	.02075	.53448	.50598	568.08
179	ICSAB	521.46	.10838	.00238	.54744	.50274	561.28
180	ICSAB	519.10	.10549	.00958	.53042	.50090	565.04
181	ICV	18.571	.36520	Q.34715	.36274	.37180	18.536
182	ICV	19.127	.37435	.35745	.37370	.38311	19.228
183	ICV	18.970	.37584	Q.35552	.37656	.38045	19.180
184	ICV	19.006	.37202	Q.35537	.37472	.38047	19.253
185	STD 1	8.56888	.92532	1.67317	4.01117	6.73616	
186	STD 1	8.37192	.91776	1.64636	4.11207	6.58255	
187	STD 1	8.49664	.92219	1.6902	4.32761	6.67834	
188	STD 2	42.6346	4.70674	7.57643	20.5958	32.6612	
189	STD 2	41.5095	4.45263	7.39664	20.141	31.9299	
190	STD 2	41.4067	4.47408	7.4062	20.8506	31.7251	
191	STD 3	86.7778	9.51228	15.1091	42.1852	65.2274	47.6992
192	STD 3	84.3113	8.98265	14.7701	40.2542	63.7832	45.5842
193	STD 3	84.0529	9.0186	14.8578	41.7637	63.6252	45.5243
194	STD 3 VER	50.858	1.0055	.99505	1.0099	1.0041	50.437
195	STD 3 VER	51.228	1.0261	1.0002	1.0295	1.0116	51.438
196	STD 3 VER	50.528	1.0027	.98786	1.0110	.99991	50.978
197	STD BLK	.0547	-.01284	.0935	.00813	.21715	.02827
198	STD BLK	.07606	.01808	.10991	.00318	.22132	.05626
199	STD BLK	.07138	-.00604	.12332	.01095	.21963	.03928

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
1	A6310701/TOT	-.00006	.00209	.00621	.00161	3.7856	2.8525
2	A6310704/SOL	.00007	.00898	-.00041	-.00134	.13291	54.107
3	A6310706/SOL	-.00006	.00147	.00034	-.00226	.11322	2.1383
4	A6310707/TOT	.00019	.00280	.00129	-.00043	1.1732	3.8337
5	AD613840/FB	L-.00003	L.00817	L.01530	H.38938	L2.0378	H135.59
6	AD613840/FB	.20455	.20348	.20229	.21519	10.028	10.080
7	AD613841/PB	-.00021	H.00427	H.01773	H.02810	H.59664	H108.40
8	AD613841/PB	-.00017	.00027	.00006	-.00341	.00543	-.00376
9	AD613860/FB	.19228	.19331	.19229	.19746	9.6122	9.4698
10	AD613986	-.00019	-.00006	.00021	-.00212	.43277	3.2890
11	AD613986/L (1:5)	-.00020	.00003	.00001	-.00148	.09392	.59900
12	AD613986/PS	.20090	.19739	.20100	.21426	10.516	13.724

Analysis Report Averages 04/03/06 07:15:31 AM page 9

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
13	AD613987/MS	.19986	.19935	.19906	.20717	10.338	13.738
14	AD613988/SD	.20393	.20347	.20246	.21233	10.506	13.786
15	AD613989/FB	.20438	.20381	.20095	.20915	10.035	9.7628
16	AD613990/PB	.00015	.00061	-.00007	-.00160	.01887	.01685
17	AD614251/FB	L-.00013	L.00338	L.00826	L.00689	L5.2901	H78.969
18	AD614251/FB	.19836	.19786	.19677	.20862	9.7711	9.8427
19	AD614252/PB	.00002	H.00773	H.02611	.00045	H2.0717	H165.35
20	AD614252/PB	-.00027	.00009	-.00005	-.00278	.00012	-.00271
21	AD614257/(1:5)	-.00011	.00796	.03099	.01856	2.4419	188.36
22	AD614259/(1:5)	-.00024	.00627	.01420	.01867	4.3501	92.143
23	AD614288/(1:5)	-.00018	.00000	.00000	-.00197	.01089	1.1962
24	AD614289/(1:5)	-.00025	.00044	.00006	-.00151	.07715	2.7260
25	AD614383/(1:5)	-.00012	.00034	.00003	-.00121	.13262	1.2627
26	AD614410	.00159	.00415	.00071	.07215	.82338	2.2362
27	AD614410/L (1:5)	.00030	.00090	.00050	.01404	.17784	.32166
28	AD614410/PS	.20285	.20144	.20033	.28223	10.736	17.411
29	AD614411	.02279	.00481	.00324	.01073	3.4827	1.3722
30	AD614412	.00169	.00430	.00103	.00573	7.8331	7.9657
31	AD614413	.00009	.00073	.00049	.01115	.18370	.45194
32	AD614413/L (1:5)	-.00002	-.00021	.00000	.00155	.03664	.06613
33	AD614413/PS	.20201	.19857	.20177	.22048	10.179	15.327
34	AD614414	-.00015	.00913	.00072	5.1893	.00651	1.5058
35	AD614414/L (1:5)	-.00019	.00169	-.00006	.98875	.00738	.20164
36	AD614414/PS	.19596	.20547	.19988	5.2784	9.8988	17.572
37	AD614415/MS	.18565	.19898	.18999	4.9734	9.3097	16.550
38	AD614416/SD	.18695	.20043	.19265	5.0025	9.4472	16.655
39	AD614417	-.00014	.00921	.00137	6.9908	.19047	1.4714
40	AD614417/L (1:5)	.00009	.00199	.00028	1.3393	.04253	.19134
41	AD614417/PS	.19312	.20364	.20008	6.9782	10.029	17.142
42	AD614418/EBLK	-.00001	-.00018	.00052	.00633	.02494	.34137
43	AD614419/LCS	.19544	.18994	.18700	.21175	9.1073	H14.618
44	AD614420/PB	-.00006	.00000	-.00040	H.01714	.00962	.00218
45	AD614421	-.00002	.00051	.00163	1.0279	.05694	.06269
46	AD614421/L (1:5)	.00008	.00010	.00030	.20702	.01314	.01050
47	AD614421/PS	.19886	.19755	.20232	1.2186	10.142	10.417
48	AD614422/MS	.20112	.20318	.20373	1.2729	10.162	10.172
49	AD614423/SD	.20383	.20630	.20631	1.2993	10.282	10.184
50	AD614424	-.00024	.00053	.00243	.77661	.02313	.05856
51	AD614424/L (1:5)	-.00001	-.00011	.00098	.15296	-.00060	.01189
52	AD614424/PS	.19925	.19746	.20219	.96323	10.117	10.090
53	AD614425/LCS	.19638	.19698	.19540	.20043	9.7825	9.6210
54	AD614426/PB	.00044	.00044	.00027	-.00109	.00988	-.00733
55	AD614445	.00023	.01712	.03680	.05899	51.665	7.5270
56	AD614446	-.00007	-.00006	.00046	-.00047	1.3777	5.7230
57	AD614446/L (1:5)	.00025	.00031	.00062	-.00082	.27054	1.0124
58	AD614446/PS	.20097	.19891	.20241	.21529	11.540	16.654
59	AD614447/MS	.19438	.19594	.19447	.20180	11.129	16.621
60	AD614448/SD	.19403	.19533	.19460	.20248	11.097	16.495
61	AD614449	.00076	.00501	.00965	.01436	10.360	6.4920
62	AD614450	.00044	.03485	.07260	.11315	162.71	19.542
63	AD614451	-.00012	.00197	.00058	.00171	.00094	23.164
64	AD614452	.00005	.00044	.00064	.00663	.30389	4.7948
65	AD614453	.00013	.00048	.00061	-.00032	.03709	5.6929
66	AD614454	-.00001	.00214	.00101	.00142	11.793	36.716

Analysis Report Averages 04/03/06 07:15:31 AM page 10

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
67	AD614455	.00006	-.00011	.00067	-.00046	.00240	-.00149
68	AD614456	-.00006	.00000	.00026	-.00022	.14346	.83492
69	AD614457	.00012	.00209	.00002	.00009	7.4949	1.6140
70	AD614458	.00009	.00006	.00075	.00064	.02891	2.1929
71	AD614459	.00004	.00117	.00095	-.00007	.22955	2.2771
72	AD614460	.00006	.00096	.00010	-.00085	.42936	.77119
73	AD614461	.00006	.00150	.00129	-.00027	.19003	2.2119
74	AD614462	.00006	.00224	.00071	-.00042	.24254	1.4072
75	AD614463	-.00011	-.00008	.00062	.00012	.29027	.95113
76	AD614464	-.00022	.00009	-.00003	.00015	-.00648	-.00208
77	AD614465	-.00019	-.00007	-.00002	.00050	.29222	1.3946
78	AD614466	-.00027	.00023	-.00013	.00031	.49042	1.4661
79	AD614467/FB	.20073	.20234	.20081	.20703	10.062	9.8700
80	AD614468/PB	.00016	.00016	.00008	-.00109	.00593	.02333
81	AD614469	-.00009	.00016	.00080	.00036	.00358	4.4055
82	AD614469/L (1:5)	.00013	.00037	.00054	-.00067	-.00242	.66711
83	AD614469/PS	.20446	.20151	.20233	.21779	10.193	17.433
84	AD614470/MS	.20173	.20142	.19815	.20777	9.9029	17.050
85	AD614471/SD	.20116	.20234	.19892	.20821	9.9462	17.168
86	AD614472	.00001	.00008	.00134	.00033	.00103	4.4337
87	AD614473	.00000	.00002	.00261	.00032	.00730	3.6651
88	AD614474	.00005	.00010	.00258	.00102	.01146	2.5542
89	AD614475	.00004	.00076	.00520	.00191	.96935	5.3785
90	AD614476	-.00023	.00105	.00072	-.00044	.90805	3.6340
91	AD614477	.00031	.02090	.04485	.03901	49.820	20.687
92	AD614478	.00018	.00007	.00048	-.00029	.00782	-.00296
93	AD614479	-.00004	.00340	.00210	-.00076	.86571	85.370
94	AD614480	.00008	.01128	.01302	.00125	2.2227	64.277
95	AD614481	.00023	.00227	.00197	-.00052	.21525	6.2855
96	AD614482	-.00001	.00033	.00033	-.00123	2.5772	2.3394
97	AD614483	.00000	.00019	.00046	-.00057	.03631	2.8105
98	AD614484	.00005	.00015	.00010	.00014	.16189	4.4391
99	AD614485	.00013	.01092	.01254	.00165	2.2250	62.744
100	AD614486	.00002	.00052	.00043	.00000	.13356	2.8774
101	AD614487	.00008	.00017	.00045	-.00045	1.4913	11.836
102	AD614488	-.00019	.00038	.00030	-.00099	.37711	1.7995
103	AD614489	-.00008	.00000	.00057	-.00108	.63261	1.7688
104	AD614490	.00017	.00354	.00334	.00848	2.9895	C.00000
105	AD614491/FB	.19687	.19876	.19823	.20119	9.9044	9.6959
106	AD614492/PB	.00024	.00035	.00006	-.00012	.00946	-.00588
107	AD614659	.00020	.05241	.04732	.00646	27.528	289.71
108	AD614660	.00040	.02048	.08085	.00467	27.110	C.00000
109	AD614661	-.00022	.00022	.00020	.00055	1.8931	1.8569
110	AD614662	-.00022	-.00013	.00016	.00071	.35204	.56038
111	AD614663	-.00008	.00083	.00300	.00908	1.2344	1.2121
112	AD614664	-.00008	.00620	.04675	.02851	15.574	7.9348
113	AD614665	.00033	.00051	.00522	.01673	31.578	38.230
114	AD614666	.00042	.00083	.00333	.01574	7.4068	70.299
115	AD614667	.00078	.00218	.00037	.00247	8.6392	69.057
116	AD614667/L (1:5)	.00007	.00076	.00014	.00000	1.7684	12.500
117	AD614667/PS	.20189	.20036	.20147	.21699	18.525	78.754
118	AD614668/MS	.19996	.20200	.19948	.20806	18.502	79.559
119	AD614669/SD	.20237	.20508	.20210	.21033	18.897	81.990
120	AD614670	.00000	.00020	.00094	.00632	1.0518	5.4391

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
121	AD614671	.00046	.00191	.00283	.00133	9.9909	48.319
122	AD614672	.00070	.00740	.00237	.00459	135.80	24.966
123	AD614673	-.00004	.00087	.00043	.00381	2.7841	7.2341
124	AD614674/FB	.20195	.20315	.20174	.20462	10.085	9.9179
125	AD614675/PB	-.00007	.00017	-.00012	-.00020	-.01011	.00210
126	CCB	.00005	.00036	.00053	-.00159	.01360	-.00112
127	CCB	.00000	.00015	-.00002	-.00207	.01061	.00609
128	CCB	.00002	-.00002	.00005	-.00213	.00787	.00579
129	CCB	-.00001	.00012	-.00027	.00019	.00129	.00009
130	CCB	.00002	-.00003	.00006	.00014	.00364	.00500
131	CCB	.00009	.00049	.00022	.00066	.02072	.00879
132	CCB	.00009	-.00033	.00005	-.00075	.00113	.00880
133	CCB	.00021	.00018	.00006	-.00017	-.00358	.01064
134	CCB	.00013	.00009	.00020	-.00093	.00063	-.00060
135	CCB	.00016	.00007	.00020	-.00134	.00716	.00583
136	CCB	.00009	.00034	.00038	-.00061	.00727	.00008
137	CCB	.00016	.00022	.00006	-.00077	.00247	-.00023
138	CCB	.00020	.00020	.00042	-.00063	.00969	-.00666
139	CCB	.00001	-.00004	.00017	.00017	.00738	.00571
140	CCB	-.00008	-.00051	.00008	.00048	-.00712	.01290
141	CCB	-.00012	-.00015	-.00002	.00030	-.00047	.00042
142	CCB	.00006	.00025	.00007	.00067	.00559	.00635
143	CCV	.48879	.48873	.48821	.52626	24.486	24.605
144	CCV	.49177	.49096	.49294	.53258	24.624	24.783
145	CCV	.49213	.48936	.49166	.54101	24.548	24.974
146	CCV	.48440	.49300	.49872	.51163	25.074	24.516
147	CCV	.48394	.49090	.49682	.51117	24.941	24.363
148	CCV	.48420	.49234	.49731	.50822	25.042	24.273
149	CCV	.49151	.49641	.50005	.52410	25.088	24.871
150	CCV	.49060	.49622	.50132	.52307	25.117	24.920
151	CCV	.49338	.49530	.49738	.53157	24.943	24.921
152	CCV	.49259	.49523	.49562	.53395	24.909	25.005
153	CCV	.49310	.49702	.49811	.52995	25.009	25.026
154	CCV	.49932	.50388	.50547	.53266	25.408	25.330
155	CCV	.49191	.49561	.49590	.52427	24.967	24.869
156	CCV	.49113	.49417	.49640	.51819	24.871	24.723
157	CCV	.49410	.49765	.50033	.52359	25.091	25.016
158	CCV	.49310	.49701	.49780	.51957	25.003	24.884
159	CCV	.49181	.49599	.49811	.51771	24.952	24.851
160	CRI	.00113	.00403	.00409	.00916	.06390	.44355
161	CRI	.00085	.00399	.00380	.00834	.05068	.44692
162	CRI	.00101	.00428	.00401	.01045	.05888	.42725
163	CRI	.00108	.00422	.00405	.00980	.05053	.45198
164	CRI	.00105	.00416	.00430	.00942	.05087	.43087
165	CRI	.00096	.00423	.00379	.00974	.04969	.44721
166	ICB	.00005	.00013	.00039	-.00105	.01233	.01181
167	ICB	.00025	.00026	.00047	.00011	.00424	.01327
168	ICB	-.00009	.00000	.00000	.00004	-.00055	.00449
169	ICSA	.00187	.00095	-.01287	.00042	188.20	-.00678
170	ICSA	-.00027	.00101	-.01354	-.00136	190.88	-.00065
171	ICSA	.00303	.00135	-.01244	.00173	194.27	-.00147
172	ICSA	.00259	.00127	-.01273	.00077	194.64	-.01275
173	ICSA	.00197	.00107	-.01312	.00108	195.44	-.00691
174	ICSA	.00187	.00093	-.01276	.00110	193.35	-.00265

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
175	ICSAB	.95728	.48255	.47407	.54385	94.672	-.00568
176	ICSAB	.97741	.48570	.47533	.56969	94.637	-.01040
177	ICSAB	.95616	.48934	.48610	.53377	97.399	.00259
178	ICSAB	.98488	.49703	.49018	.55588	97.932	-.00650
179	ICSAB	.97897	.49545	.48629	.55364	97.406	-.00945
180	ICSAB	.97695	.49333	.48334	.54990	96.543	-.00681
181	ICV	.36508	.36824	.36899	.38474	18.508	18.292
182	ICV	.37562	.37813	.38077	Q.39634	19.118	18.629
183	ICV	.37307	.37477	.37570	Q.39399	18.873	18.413
184	ICV	.37342	.37561	.37694	Q.39470	18.921	18.624
185	STD 1	11.46	.69926	1.82616	.86754	1.59461	
186	STD 1	11.1531	.68519	1.78816	.85168	1.56587	
187	STD 1	11.3122	.69546	1.81527	.86888	1.59982	
188	STD 2	56.5052	3.49251	8.96411	4.07671	7.843	
189	STD 2	54.8784	3.43494	8.87836	3.97166	7.80043	
190	STD 2	54.7188	3.43555	8.86675	3.96923	7.80143	
191	STD 3	113.233	7.00518	17.9729	8.19903	15.6801	59.8657
192	STD 3	109.943	6.90433	17.9101	7.9149	15.6809	58.8195
193	STD 3	110.127	6.9243	17.892	7.92972	15.7378	59.2784
194	STD 3 VER	.99967	1.0042	1.0068	1.0135	50.200	51.474
195	STD 3 VER	1.0095	1.0094	1.0088	1.0217	50.472	51.351
196	STD 3 VER	.99760	1.0006	.99874	1.0050	49.880	51.186
197	STD BLK	-.01995	-.00813	.0035	.06892	0	-.02639
198	STD BLK	-.04299	-.00822	-.00057	.07253	.00111	-.02163
199	STD BLK	-.02246	-.00774	.00321	.07043	.00207	-.02852

#	Sample Name	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
1	A6310701/TOT	14.313	.13143	.00033	21.965	.00534	.00313
2	A6310704/SOL	26.857	11.043	.00062	18.588	.03431	.00179
3	A6310706/SOL	9.3317	.01583	.00059	15.486	.00220	-.00128
4	A6310707/TOT	8.9327	.57214	.00015	17.904	.00283	-.00087
5	AD613840/FB	H35.785	L.06384	L.00173	H318.08	L.03905	.00184
6	AD613840/FB	10.102	.20023	.20473	11.089	.20954	.20707
7	AD613841/PB	H23.468	H.18387	.00171	H232.88	H.01393	-.00046
8	AD613841/PB	.00339	.00014	.00017	-.02640	.00001	-.00013
9	AD613860/FB	9.6339	.19096	.19343	10.179	.19509	.19550
10	AD613986	13.460	.29477	.00110	21.572	.00013	.00022
11	AD613986/L (1:5)	2.6830	.05906	.00055	4.3380	.00046	.00004
12	AD613986/PS	23.151	.48378	.20312	31.258	.20438	.19928
13	AD613987/MS	23.822	.50025	.20297	32.501	.20310	.20449
14	AD613988/SD	23.873	.49885	.20655	32.597	.20822	.20422
15	AD613989/FB	10.103	.19937	.20428	10.575	.20843	.20380
16	AD613990/PB	.04654	.00020	.00048	-.08982	.00125	.00070
17	AD614251/FB	H19.037	L.08469	L.00062	H178.69	L.01388	.00021
18	AD614251/FB	9.8248	.19512	.19844	10.598	.20365	.20040
19	AD614252/PB	H41.140	H.08707	.00326	H364.94	H.03349	.00222
20	AD614252/PB	.00826	.00016	.00054	.08577	-.00016	.00140
21	AD614257/(1:5)	50.793	.22517	.00441	402.54	.04025	.00064
22	AD614259/(1:5)	23.727	.32755	.00144	208.14	.01953	.00070
23	AD614288/(1:5)	2.4469	.00382	.00098	184.81	-.00020	.00303
24	AD614289/(1:5)	33.521	.02026	.00086	270.14	.00082	.00106
25	AD614383/(1:5)	4.0230	.09372	.00071	122.89	-.00040	.00532

Analysis Report Averages 04/03/06 07:15:31 AM page 13

#	Sample Name	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
26	AD614410	1.8580	.34273	.00073	H1262.9	.03507	.74594
27	AD614410/L (1:5)	.37729	.06907	.00037	300.54	.00696	.14389
28	AD614410/PS	11.509	.53049	.20562	H1253.0	.23310	.92718
29	AD614411	1.7179	.40113	.00153	H1303.7	.04309	1.7162
30	AD614412	3.2701	.58348	.00233	H1240.6	.03465	3.1932
31	AD614413	.37761	.01357	.00171	H1269.0	.00151	.00553
32	AD614413/L (1:5)	.07444	.00279	.00058	300.48	.00029	.00226
33	AD614413/PS	10.113	.21078	.20668	H1238.8	.19991	.21227
34	AD614414	71.488	1.8589	.01025	H1278.4	.11280	-.00011
35	AD614414/L (1:5)	14.214	.37201	.00216	297.56	.02277	.00087
36	AD614414/PS	79.898	2.0099	.21820	H1263.6	.30743	.20390
37	AD614415/MS	75.510	1.9065	.20723	H1215.5	.29054	.19685
38	AD614416/SD	75.894	1.9291	.20850	H1219.0	.29162	.19631
39	AD614417	58.852	1.6848	.00717	H1175.3	.11125	-.00048
40	AD614417/L (1:5)	11.808	.33923	.00124	267.17	.02266	-.00099
41	AD614417/PS	67.252	1.8339	.21172	H1152.3	.30054	.20191
42	AD614418/EBLK	.08891	.00147	.00142	H1292.9	.00102	-.00130
43	AD614419/LCS	9.2343	.18565	.19792	H1333.0	.19629	.20072
44	AD614420/PB	.00554	.00009	.00081	-.09052	-.00030	.02084
45	AD614421	2.2316	.00218	.00438	11.119	.00213	-.00056
46	AD614421/L (1:5)	.44144	.00039	.00061	2.0961	.00027	-.00269
47	AD614421/PS	12.272	.19905	.20506	21.226	.20469	.19960
48	AD614422/MS	12.440	.20387	.20763	22.004	.20515	.20776
49	AD614423/SD	12.626	.20647	.21110	22.113	.20870	.20332
50	AD614424	1.1191	.00072	.00445	8.6179	.00172	-.00462
51	AD614424/L (1:5)	.21056	.00011	.00140	1.8062	.00024	-.00132
52	AD614424/PS	11.175	.19751	.20499	18.745	.20364	.19706
53	AD614425/LCS	9.7418	.19635	.19700	9.9544	.19871	.19792
54	AD614426/PB	.00234	.00012	.00031	-.10083	.00072	-.00552
55	AD614445	61.650	1.1840	.04383	51.236	.04520	.02802
56	AD614446	22.959	.56173	.00039	80.518	.00018	-.00221
57	AD614446/L (1:5)	4.5852	.11327	.00046	15.847	.00041	-.00256
58	AD614446/PS	32.510	.74384	.20694	88.948	.20510	.19973
59	AD614447/MS	33.214	.76326	.20146	93.107	.19752	.20136
60	AD614448/SD	33.181	.76175	.19986	92.963	.19724	.20078
61	AD614449	34.185	.80583	.00626	38.339	.01290	.01039
62	AD614450	121.69	1.7207	.00726	47.192	.08962	.06281
63	AD614451	108.46	.00205	.00185	H1248.0	.00275	.00009
64	AD614452	5.8596	.02327	.00071	610.91	.00048	-.00187
65	AD614453	7.6139	.02573	.00007	715.90	.00126	-.00570
66	AD614454	49.542	1.0430	.00125	104.14	.01041	-.00328
67	AD614455	-.01467	.00023	.00016	.06090	.00010	-.00225
68	AD614456	11.855	.19819	.00060	5.3016	.00028	-.00299
69	AD614457	36.513	9.4346	.00114	23.340	.00272	-.00308
70	AD614458	21.550	.06020	.00152	25.775	.00169	-.00215
71	AD614459	36.056	.01029	.00192	43.675	.00209	-.00054
72	AD614460	17.884	.13522	.00297	19.501	.00024	-.00188
73	AD614461	35.400	.00972	.00130	42.956	.00143	-.00295
74	AD614462	39.263	.11047	.00316	28.673	.00147	-.00098
75	AD614463	22.130	.02215	.00187	12.671	.00120	.00091
76	AD614464	.00560	.00025	.00010	.01203	.00000	-.00185
77	AD614465	15.371	.04964	.00023	23.435	.00109	-.00169
78	AD614466	15.780	.06839	.00066	23.893	.00091	.00140
79	AD614467/FB	10.014	.20088	.20164	10.634	.20493	.20475

Analysis Report Averages 04/03/06 07:15:31 AM page 14

#	Sample Name	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
80	AD614468/PB	-.00142	.00105	-.00040	.18580	-.00022	-.00380
81	AD614469	9.2184	.00081	.01848	583.14	.00246	-.00140
82	AD614469/L (1:5)	1.8234	.00022	.00307	119.84	.00077	-.00281
83	AD614469/PS	19.195	.20138	.22372	581.53	.20729	.20464
84	AD614470/MS	19.113	.20015	.22149	589.37	.20497	.20577
85	AD614471/SD	19.203	.20054	.22127	594.00	.20422	.20364
86	AD614472	9.1860	.00082	.01880	582.84	.00249	-.00150
87	AD614473	12.825	.00030	.03357	429.12	.00061	-.00348
88	AD614474	5.4523	.00021	.00908	405.10	.00094	-.00317
89	AD614475	16.040	.03279	.01346	720.55	.03403	-.00097
90	AD614476	18.737	.33079	.10553	569.28	.00890	.00121
91	AD614477	43.636	.85302	.01685	20.035	.05711	.01632
92	AD614478	-.01495	.00038	.00040	-.20048	.00025	-.00167
93	AD614479	81.808	.14259	.00225	283.34	.06059	.00019
94	AD614480	67.539	.78566	.00288	H814.17	.01798	-.00178
95	AD614481	3.3924	.00734	.00030	H912.46	.00835	-.00133
96	AD614482	50.673	.06031	.00084	15.296	.00101	-.00008
97	AD614483	1.7327	.00535	.00033	342.78	-.00002	-.00053
98	AD614484	3.2801	.01639	-.00039	511.98	.00040	-.00308
99	AD614485	66.231	.77334	.00334	795.85	.01735	-.00042
100	AD614486	32.436	.07554	.00071	81.341	.00157	-.00405
101	AD614487	111.72	.30694	.00019	176.13	.00951	-.00204
102	AD614488	30.181	.12888	.00160	19.582	.00036	.00002
103	AD614489	32.087	.09182	.00180	26.863	.00002	-.00078
104	AD614490	184.64	12.476	.00332	H2343.8	.03826	-.00158
105	AD614491/FB	9.8363	.19785	.19888	10.136	.19894	.20050
106	AD614492/PB	-.01511	.00031	.00034	-.07666	.00048	-.00273
107	AD614659	172.68	6.6893	.00896	787.99	.27046	.00105
108	AD614660	230.16	.74488	.14764	H1474.1	.18408	.00407
109	AD614661	2.3516	.10289	.00621	9.9826	.00000	-.00010
110	AD614662	1.8042	.05225	.00276	25.368	.00126	-.00040
111	AD614663	.80042	.05442	.00298	4.3620	.00355	.00104
112	AD614664	5.9113	.21791	.00419	82.206	.02922	.00686
113	AD614665	53.883	.49022	.00109	112.54	.00280	.03485
114	AD614666	74.136	.18391	.00296	131.51	.00468	.05932
115	AD614667	71.763	.55484	.00155	183.11	.02400	.00510
116	AD614667/L (1:5)	14.430	.11324	.00059	36.514	.00490	.00082
117	AD614667/PS	80.226	.73760	.20589	190.29	.22520	.20417
118	AD614668/MS	81.170	.74875	.20540	192.88	.22327	.20653
119	AD614669/SD	83.461	.76819	.20773	198.16	.22639	.20791
120	AD614670	14.675	.08630	.00161	28.646	.00188	.00573
121	AD614671	142.19	.77205	.00043	91.854	.00226	.00019
122	AD614672	125.52	5.0720	.00145	297.28	.09358	-.00298
123	AD614673	51.919	.66959	.00017	291.73	.00526	.00185
124	AD614674/FB	10.096	.20057	.20151	10.680	.20428	.20727
125	AD614675/PB	-.00978	.00000	.00016	-.17922	.00043	-.00078
126	CCB	.04360	.00016	.00138	-.22766	.00021	-.00204
127	CCB	.02200	.00023	.00178	.12053	.00014	.00049
128	CCB	.03414	.00006	.00126	-.01535	-.00022	-.00125
129	CCB	.01952	.00009	.00145	-.00355	-.00054	-.00075
130	CCB	.02368	.00011	.00096	.07689	-.00017	-.00091
131	CCB	.02954	.00033	.00222	.15590	.00008	.00034
132	CCB	.00139	-.00004	.00173	-.05208	-.00036	-.00096
133	CCB	-.00829	.00000	.00115	-.10017	-.00036	-.00004

#	Sample Name	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
134	CCB	-.01521	.00004	.00127	-.05056	-.00021	-.00287
135	CCB	-.00922	.00007	.00134	-.12497	.00047	-.00048
136	CCB	-.00968	.00015	.00135	-.25653	.00001	-.00165
137	CCB	-.01325	.00015	.00067	-.14695	-.00032	-.00103
138	CCB	.00097	.00004	.00087	-.08276	.00005	-.00175
139	CCB	.00874	.00013	.00142	.04041	-.00029	-.00108
140	CCB	-.00850	.00002	.00122	.11310	-.00025	.00188
141	CCB	-.00582	-.00002	.00127	.07450	-.00035	-.00127
142	CCB	.00140	.00013	.00102	.04467	.00008	-.00231
143	CCV	24.705	.49632	.49645	25.150	.50394	.48949
144	CCV	24.960	.49916	.49990	25.354	.50635	.49545
145	CCV	24.817	.49816	.50032	25.564	.50999	.48835
146	CCV	24.903	.50858	.49930	24.207	.49273	.49254
147	CCV	24.819	.50537	.49721	24.478	.49444	.49128
148	CCV	24.617	.50737	.49696	24.013	.49317	.49258
149	CCV	25.042	.51009	.50434	25.001	.50250	.50507
150	CCV	25.179	.51054	.50437	25.027	.50086	.50151
151	CCV	25.285	.50722	.50537	25.761	.50768	.50462
152	CCV	25.257	.50671	.50448	25.770	.50812	.50613
153	CCV	25.239	.50887	.50561	25.550	.50755	.50267
154	CCV	25.551	.51695	.51087	25.577	.51131	.51198
155	CCV	24.982	.50823	.50210	25.271	.50474	.49808
156	CCV	25.023	.50544	.49972	24.924	.50174	.49783
157	CCV	25.339	.50884	.50447	25.236	.50527	.50282
158	CCV	25.253	.50709	.50395	25.180	.50326	.50215
159	CCV	25.192	.50688	.50156	25.219	.50104	.50143
160	CRI	.20410	.00321	.01095	1.0692	.00972	.00415
161	CRI	.20118	.00304	.01026	1.0237	.00978	.00634
162	CRI	.19677	.00318	.01041	1.1440	.00998	.00420
163	CRI	.19007	.00307	.01063	1.1318	.00975	.00338
164	CRI	.18476	.00307	.01009	.93133	.00974	.00395
165	CRI	.19730	.00310	.01114	1.1196	.01015	.00527
166	ICB	.01340	.00027	.00189	.02502	.00001	.00267
167	ICB	-.00240	.00020	.00184	-.19634	.00012	-.00132
168	ICB	-.00380	.00000	.00196	-.02601	-.00067	.00041
169	ICSA	506.34	.00012	.00225	-.14704	.00014	.03600
170	ICSA	518.03	.00028	.00213	.02624	-.00061	.03875
171	ICSA	510.73	.00025	.00224	.03841	.00033	.03828
172	ICSA	522.58	.00029	.00130	-.33969	.00060	.03995
173	ICSA	522.62	.00018	.00206	-.25732	.00039	.03914
174	ICSA	520.11	.00018	.00238	-.01059	.00002	.04005
175	ICSAB	478.81	.48441	.00263	-.00180	.91772	.09323
176	ICSAB	483.54	.48408	-.00020	-.01040	.94823	.08428
177	ICSAB	480.38	.49800	.00237	.01695	.90910	.09415
178	ICSAB	493.45	.50120	.00128	.05692	.94105	.09240
179	ICSAB	489.76	.49986	.00289	-.14072	.94053	.09645
180	ICSAB	490.10	.49412	.00033	-.11087	.93279	.09277
181	ICV	18.638	.37625	.37656	18.423	.37252	.36870
182	ICV	19.147	.38756	.38648	19.069	.38349	.38330
183	ICV	19.010	.38294	.38077	19.014	.38156	.37996
184	ICV	19.117	.38358	.38396	19.165	.38266	.37803
185	STD 1		1.32211	1.81339		4.71573	1.66625
186	STD 1		1.29493	1.77576		4.63002	1.58945
187	STD 1		1.3267	1.81725		4.71023	1.61242

Analysis Report Averages 04/03/06 07:15:31 AM page 16

#	Sample Name	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
188	STD 2		6.50838	9.01441		23.8894	8.02748
189	STD 2		6.45833	8.84818		23.1501	7.80992
190	STD 2		6.47367	8.83786		23.2742	7.78493
191	STD 3	92.4789	13.0184	18.1739	2.82317	47.9309	15.9237
192	STD 3	89.9702	13.0063	17.893	2.70577	46.2376	15.7368
193	STD 3	89.8952	13.0717	17.8943	2.73693	46.6441	15.7394
194	STD 3 VER	50.629	1.0056	1.0152	50.657	1.0011	.99591
195	STD 3 VER	50.921	1.0098	1.0181	51.515	1.0085	1.0094
196	STD 3 VER	50.614	.99912	1.0078	50.935	.99689	1.0026
197	STD BLK	.01865	.00184	.00792	.00775	-.11071	.02683
198	STD BLK	.04804	.00317	.01287	.01402	-.12978	.05574
199	STD BLK	.04003	.00358	.01416	.00698	-.12389	.02189

#	Sample Name	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
1	A6310701/TOT	.00396	.00368	.00660	-.00154	.02300	-.00159
2	A6310704/SOL	-.00138	-.00032	.01150	-.00525	.02817	.00317
3	A6310706/SOL	.00130	.00044	.00616	-.00145	.02267	-.00208
4	A6310707/TOT	.00119	.00050	.00349	-.00126	.01616	-.00284
5	AD613840/FB	.00370	L.00308	L.00112	L.00088	.00073	.00132
6	AD613840/FB	.21612	.21311	.20777	.21343	.20485	.20923
7	AD613841/PB	-.00049	-.00048	.00341	-.00059	.00952	.00035
8	AD613841/PB	-.00085	-.00061	-.00085	.00136	-.00025	-.00114
9	AD613860/FB	.19922	.19798	.19539	.19859	.19916	.19351
10	AD613986	-.00055	-.00029	.00313	.00184	.00740	.00099
11	AD613986/L (1:5)	-.00083	-.00054	.00266	.00145	.00534	.00132
12	AD613986/PS	.20325	.20193	.20386	.20447	.20414	.20372
13	AD613987/MS	.20632	.20571	.20355	.20883	.20574	.20246
14	AD613988/SD	.21241	.20969	.21147	.21502	.20781	.21331
15	AD613989/FB	.21193	.20922	.20566	.21013	.19844	.20927
16	AD613990/PB	-.00125	-.00060	-.00039	.00132	.01100	-.00609
17	AD614251/FB	.00012	L.00015	L.00006	L.00221	.00230	-.00105
18	AD614251/FB	.20842	.20575	.20236	.20557	.19807	.20451
19	AD614252/PB	-.00125	-.00009	.00504	.00081	.01326	.00093
20	AD614252/PB	-.00029	.00026	.00262	.00216	.00306	.00240
21	AD614257/(1:5)	.00000	.00021	.00475	-.00018	.00824	.00301
22	AD614259/(1:5)	.00093	.00085	.00227	.00368	.00535	.00073
23	AD614288/(1:5)	-.00082	.00046	.00352	.00019	.00736	.00160
24	AD614289/(1:5)	.00001	.00036	.06449	.00047	.06578	.06384
25	AD614383/(1:5)	.00132	.00265	.00388	-.00034	.00870	.00147
26	AD614410	.74765	.74708	.00493	.00219	.01964	-.00241
27	AD614410/L (1:5)	.15008	.14802	.00326	-.00197	.00456	.00261
28	AD614410/PS	.93571	.93287	.20648	.19820	.20762	.20591
29	AD614411	1.7246	1.7218	-.00001	-.00084	.00454	-.00229
30	AD614412	3.2131	3.2064	.00505	-.00188	.01227	.00144
31	AD614413	.00823	.00733	.00182	.00149	.01053	-.00252
32	AD614413/L (1:5)	.00195	.00206	.00260	.00255	.01104	-.00161
33	AD614413/PS	.21236	.21233	.20833	.19731	.20823	.20838
34	AD614414	-.00137	-.00095	.00372	.00181	.00924	.00096
35	AD614414/L (1:5)	.00056	.00066	.00296	-.00326	.00466	.00210
36	AD614414/PS	.20458	.20435	.21111	.20898	.21421	.20956
37	AD614415/MS	.19778	.19747	.20318	.19256	.20804	.20075
38	AD614416/SD	.19979	.19863	.20243	.20093	.20584	.20073

#	Sample Name	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
39	AD614417	.00062	.00025	.00678	.00299	.01149	.00442
40	AD614417/L (1:5)	-.00020	-.00046	.00116	-.00144	.00523	-.00086
41	AD614417/PS	.19746	.19894	.20895	.20256	.21998	.20344
42	AD614418/EBLK	.00180	.00076	.00156	-.00244	.00631	-.00080
43	AD614419/LCS	.20719	.20504	.20598	.20539	.20126	.20834
44	AD614420/PB	.02016	H.02039	.00066	-.00037	.00408	-.00104
45	AD614421	.00239	.00141	.00201	.00283	.00021	.00291
46	AD614421/L (1:5)	.00318	.00122	.00121	-.00018	-.00071	.00218
47	AD614421/PS	.20090	.20047	.20332	.19646	.20331	.20333
48	AD614422/MS	.20691	.20719	.20746	.20623	.21089	.20574
49	AD614423/SD	.21070	.20824	.20956	.20909	.21185	.20841
50	AD614424	.00284	.00035	.00337	.00159	.00500	.00256
51	AD614424/L (1:5)	.00036	-.00020	-.00185	-.00052	-.00337	-.00109
52	AD614424/PS	.19898	.19834	.20627	.19553	.20642	.20620
53	AD614425/LCS	.20067	.19976	.20033	.19852	.19518	.20291
54	AD614426/PB	.00372	.00064	-.00133	.00223	-.00893	.00246
55	AD614445	.02839	.02827	.00704	.00079	.00456	.00828
56	AD614446	.00206	.00064	.00130	-.00033	-.00080	.00236
57	AD614446/L (1:5)	-.00086	-.00143	-.00309	-.00025	-.01262	.00166
58	AD614446/PS	.20104	.20060	.20821	.20750	.20077	.21194
59	AD614447/MS	.20063	.20087	.20077	.20300	.19673	.20279
60	AD614448/SD	.20039	.20052	.20280	.20479	.19767	.20537
61	AD614449	.01181	.01134	.00135	.00312	-.00606	.00506
62	AD614450	.06482	.06415	.00617	.00244	.00507	.00672
63	AD614451	.00019	.00016	.53960	-.00164	.54607	.53637
64	AD614452	-.00064	-.00105	-.00053	.00087	-.00523	.00180
65	AD614453	.00317	.00022	-.00092	-.00153	-.00755	.00239
66	AD614454	-.00071	-.00156	-.00130	.00080	-.00495	.00052
67	AD614455	.00058	-.00036	-.00122	.00294	-.00656	.00145
68	AD614456	.00135	-.00009	.00272	.00029	-.00040	.00428
69	AD614457	.00047	-.00071	.00278	.00059	-.00137	.00487
70	AD614458	.00198	.00060	.00026	.00160	-.00572	.00325
71	AD614459	.00001	-.00017	-.00089	-.00221	-.00110	-.00079
72	AD614460	-.00008	-.00068	.00262	.00057	.00263	.00262
73	AD614461	-.00144	-.00194	-.00074	-.00002	-.00586	.00182
74	AD614462	.00401	.00235	.00176	-.00195	.01070	-.00270
75	AD614463	.00194	.00160	.00322	.00227	.00563	.00201
76	AD614464	.00224	.00088	-.00198	.00031	-.00266	-.00164
77	AD614465	.00219	.00089	-.00115	-.00336	-.00150	-.00097
78	AD614466	.00019	.00060	-.00002	-.00114	.00323	-.00165
79	AD614467/FB	.20501	.20492	.20515	.20270	.20330	.20608
80	AD614468/PB	.00178	-.00007	-.00144	-.00028	-.00152	-.00140
81	AD614469	-.00067	-.00091	.00731	.00058	.00637	.00777
82	AD614469/L (1:5)	.00123	-.00011	-.00031	.00051	-.00824	.00364
83	AD614469/PS	.20435	.20445	.21409	.20608	.21338	.21445
84	AD614470/MS	.20525	.20542	.21381	.20521	.21349	.21397
85	AD614471/SD	.20827	.20673	.21404	.20631	.21424	.21395
86	AD614472	.00071	-.00002	.00760	.00255	.01196	.00542
87	AD614473	.00255	.00054	.00308	.00083	.00042	.00441
88	AD614474	.00220	.00040	.00817	.00082	.00716	.00868
89	AD614475	.00173	.00083	.01390	.00362	.00892	.01639
90	AD614476	-.00072	-.00007	.00087	-.00020	.00185	.00038
91	AD614477	.01832	.01766	.00025	.00104	-.00804	.00440
92	AD614478	.00154	.00047	.00302	.00074	-.00277	.00593

#	Sample Name	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
93	AD614479	-.00074	-.00043	-.00007	.00093	-.00248	.00113
94	AD614480	.00173	.00055	.00297	.00250	.00688	.00102
95	AD614481	.00310	.00163	-.00237	-.00026	-.00084	-.00313
96	AD614482	-.00023	-.00018	.00263	.00087	-.00099	.00445
97	AD614483	.00057	.00020	.00097	.00023	-.00090	.00191
98	AD614484	.00268	.00076	-.00176	-.00245	-.00216	-.00156
99	AD614485	.00286	.00176	-.00098	.00214	-.00014	-.00139
100	AD614486	.00167	-.00023	.00082	-.00060	-.00084	.00166
101	AD614487	.00119	.00011	.00161	.00175	-.00226	.00354
102	AD614488	.00134	.00090	-.00162	-.00067	-.00227	-.00130
103	AD614489	.00183	.00096	-.00167	-.00015	-.00551	.00024
104	AD614490	.00024	-.00036	.00392	.00189	.01025	.00075
105	AD614491/FB	.19865	.19927	.20128	.19611	.20639	.19874
106	AD614492/PB	.00323	.00124	-.00052	-.00215	-.00655	.00248
107	AD614659	.00408	.00307	.00252	.00915	.00682	.00038
108	AD614660	.00513	.00478	.00185	.00819	.00982	-.00212
109	AD614661	.00104	.00066	-.00004	-.00047	.00428	-.00221
110	AD614662	.00178	.00105	-.00053	.00110	.00633	-.00396
111	AD614663	.00091	.00095	.00158	-.00050	.00417	.00029
112	AD614664	.01022	.00910	-.00141	-.00248	-.00307	-.00059
113	AD614665	.03452	.03463	-.00013	-.00176	.00542	-.00291
114	AD614666	.06107	.06048	.00092	-.00159	.00498	-.00109
115	AD614667	.00507	.00508	.00317	-.00041	.01154	-.00101
116	AD614667/L (1:5)	.00430	.00314	.00066	-.00015	.00191	.00003
117	AD614667/PS	.20799	.20672	.20613	.20949	.20864	.20488
118	AD614668/MS	.20837	.20776	.20707	.20795	.21275	.20424
119	AD614669/SD	.20690	.20724	.20621	.21026	.20809	.20528
120	AD614670	.00833	.00746	.00105	-.00001	.00411	-.00046
121	AD614671	.00152	.00107	-.00029	.00130	.00307	-.00198
122	AD614672	.00176	.00018	.01077	.00281	.01910	.00660
123	AD614673	.00203	.00197	.00139	-.00151	.00403	.00007
124	AD614674/FB	.20932	.20864	.20181	.20306	.20142	.20201
125	AD614675/PB	.00169	.00086	-.00098	.00001	.00165	-.00229
126	CCB	.00066	-.00023	.00349	.00150	.00786	.00131
127	CCB	-.00038	-.00009	.00019	-.00102	-.00161	.00110
128	CCB	.00035	-.00017	-.00009	.00075	.00345	-.00187
129	CCB	.00041	.00002	.00088	.00182	.00208	.00029
130	CCB	.00103	.00038	-.00103	-.00130	.00372	-.00340
131	CCB	.00034	.00034	.00380	-.00057	.00839	.00150
132	CCB	-.00086	-.00089	-.00253	.00014	-.00685	-.00037
133	CCB	-.00042	-.00029	.00229	.00123	-.00314	.00501
134	CCB	.00356	.00142	.00365	.00094	-.00257	.00677
135	CCB	.00349	.00217	.00051	.00174	-.01030	.00592
136	CCB	.00148	.00044	.00084	.00162	-.00204	.00228
137	CCB	.00021	-.00019	-.00035	-.00015	-.00443	.00168
138	CCB	.00010	-.00051	.00205	.00002	-.00315	.00465
139	CCB	.00149	.00063	-.00014	.00377	-.00423	.00189
140	CCB	.00101	.00130	.00185	-.00120	.00471	.00042
141	CCB	.00234	.00113	.00267	.00069	.00455	.00172
142	CCB	.00272	.00104	.00252	-.00165	.00130	.00313
143	CCV	.50333	.49872	.49846	.50794	.49154	.50193
144	CCV	.50518	.50194	.49934	.51445	.49635	.50085
145	CCV	.51117	.50357	.50296	.51694	.48446	.51222
146	CCV	.49425	.49368	.48747	.49063	.48537	.48853

#	Sample Name	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
147	CCV	.49450	.49343	.48868	.49329	.48522	.49041
148	CCV	.49197	.49218	.48940	.49485	.48302	.49260
149	CCV	.49681	.49956	.50422	.50100	.50954	.50156
150	CCV	.49909	.49990	.50505	.50054	.51592	.49962
151	CCV	.50207	.50292	.50737	.50949	.50840	.50687
152	CCV	.50400	.50471	.51167	.51238	.51937	.50783
153	CCV	.50467	.50400	.50819	.51012	.50797	.50830
154	CCV	.50488	.50724	.51244	.51573	.51799	.50968
155	CCV	.49979	.49922	.50647	.50495	.51042	.50450
156	CCV	.49802	.49796	.49706	.50493	.49574	.49773
157	CCV	.50169	.50207	.50168	.50282	.49944	.50281
158	CCV	.50192	.50200	.50319	.50303	.50438	.50261
159	CCV	.49792	.49909	.49623	.50101	.50307	.49282
160	CRI	.00569	.00518	.01804	.02063	.01805	.01804
161	CRI	.00428	.00497	.01930	.01910	.02664	.01563
162	CRI	.00547	.00505	.01840	.01994	.01948	.01786
163	CRI	.00407	.00384	.01534	.01864	.01392	.01605
164	CRI	.00772	.00646	.01346	.02029	.00874	.01582
165	CRI	.00620	.00589	.01688	.02033	.02108	.01479
166	ICB	-.00188	-.00036	.00238	.00050	.00649	.00032
167	ICB	.00139	.00048	.00056	.00182	-.00348	.00259
168	ICB	.00233	.00169	.00293	.00191	.00399	.00240
169	ICSA	-.01865	-.00045	.00157	-.00036	.00231	.00120
170	ICSA	-.02131	-.00131	-.00108	.00272	-.00060	-.00132
171	ICSA	-.02134	-.00148	.00402	-.00434	.00897	.00155
172	ICSA	-.01544	.00300	.00100	.00176	-.00321	.00311
173	ICSA	-.02043	-.00059	-.00268	.00050	-.00683	-.00060
174	ICSA	-.01966	.00022	-.00003	.00188	.00345	-.00178
175	ICSAB	.02409	.04711	.05019	.62279	.04780	.05139
176	ICSAB	.03435	.05098	.05534	.64344	.05465	.05569
177	ICSAB	.02929	.05089	.05035	.60575	.05568	.04768
178	ICSAB	.03192	.05206	.05269	.62511	.04955	.05425
179	ICSAB	.02841	.05107	.04886	.62647	.05388	.04635
180	ICSAB	.03445	.05387	.05548	.62769	.06142	.05250
181	ICV	.36992	.36952	.36830	.37534	.36674	.36908
182	ICV	.38283	.38298	.38527	.38408	.38200	.38692
183	ICV	.38022	.38013	.38753	.37935	.38709	.38775
184	ICV	.37895	.37864	.37610	.38583	.37749	.37540
185	STD 1	1.54051			.59795	.58073	1.24167
186	STD 1	1.54877			.60854	.53261	1.2005
187	STD 1	1.54278			.61285	.53348	1.26618
188	STD 2	7.77176			3.08473	3.03652	5.8305
189	STD 2	7.54416			2.97259	3.00279	5.63465
190	STD 2	7.57564			3.00754	3.02724	5.67081
191	STD 3	15.6189			6.26592	6.22323	11.7248
192	STD 3	14.9814			6.01141	6.07912	11.1799
193	STD 3	15.1858			6.04876	6.10992	11.2516
194	STD 3 VER	1.0132	1.0074	.99985	1.0261	.98365	1.0080
195	STD 3 VER	1.0073	1.0080	1.0224	1.0207	1.0288	1.0191
196	STD 3 VER	.99460	.99726	.99967	1.0153	1.0102	.99443
197	STD BLK	.0144			.00349	-.11289	.10959
198	STD BLK	-.00117			.00213	-.0507	.08824
199	STD BLK	-.01434			.00171	-.09669	.12143

Analysis Report Averages 04/03/06 07:15:31 AM page 20

#	Sample Name	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
1	A6310701/TOT	.28616	.00079	.00909	.00941	.00945	-.00020
2	A6310704/SOL	.00025	-.00787	.00173	.00094	.01681	.00034
3	A6310706/SOL	-.00062	.00398	-.00026	.00002	.00780	-.00012
4	A6310707/TOT	.02668	.00290	.00250	.00187	.00453	-.00040
5	AD613840/FB	L.01875	L.00171	L.01299	L.06651	L.00563	L-.00039
6	AD613840/FB	.21736	.21047	.20982	.21393	.20217	.05582
7	AD613841/PB	H.01858	.00207	H.01679	.01768	.00591	-.00016
8	AD613841/PB	-.00008	.00412	-.00005	.00116	.00218	-.00072
9	AD613860/FB	.19676	.19280	.19498	.19806	.19456	.04918
10	AD613986	-.00010	.00301	-.00019	.00175	.00353	-.00020
11	AD613986/L (1:5)	.00006	.00136	-.00058	.00000	.00101	-.00025
12	AD613986/PS	.20630	.20793	.20555	.19623	.20718	.05169
13	AD613987/MS	.20857	.20452	.20455	.20453	.20446	.05254
14	AD613988/SD	.21413	.21196	.20791	.20874	.20393	.05412
15	AD613989/FB	.21090	.20693	.20592	.20937	.20679	.05226
16	AD613990/PB	-.00047	.00230	-.00032	.00348	.00419	-.00002
17	AD614251/FB	L.00618	L.00469	L.00492	L.02092	L.00424	L.00027
18	AD614251/FB	.20993	.20253	.20378	.20276	.19924	.05278
19	AD614252/PB	H.02928	-.00113	H.01911	.01572	.00827	.00001
20	AD614252/PB	.00003	.00220	-.00025	.00095	.00104	-.00010
21	AD614257/(1:5)	.03435	.00235	.02395	.03850	.00624	-.00026
22	AD614259/(1:5)	.01395	.00352	.01027	.04690	.00596	-.00026
23	AD614288/(1:5)	.00010	.00193	-.00044	.00023	.00279	-.00019
24	AD614289/(1:5)	.00194	.00347	.00001	.00061	.00340	-.00027
25	AD614383/(1:5)	.00272	.00270	.00100	.00171	.00356	.00025
26	AD614410	.00223	.00036	.00000	.51604	.00749	.00038
27	AD614410/L (1:5)	.00040	.00187	-.00018	.10220	.00185	.00001
28	AD614410/PS	.19917	.20877	.20022	.70279	.21560	.04955
29	AD614411	.00117	.00038	.00029	.59138	.00624	-.00013
30	AD614412	.01252	.00184	.00120	.33928	.00655	-.00031
31	AD614413	.00023	.00145	.00029	.11220	.00566	-.00061
32	AD614413/L (1:5)	-.00006	.00053	.00008	.02155	.00213	-.00026
33	AD614413/PS	.19449	.20504	.20075	.30853	.21561	.04917
34	AD614414	.00065	.00309	.00168	4.1141	.00476	.00018
35	AD614414/L (1:5)	.00003	.00090	-.00017	.82930	.00487	.00019
36	AD614414/PS	.20274	.20743	.20670	4.2179	.21842	.05539
37	AD614415/MS	.19193	.19389	.19530	3.9921	.20495	.05095
38	AD614416/SD	.19322	.19299	.19815	4.0176	.20735	.05109
39	AD614417	.00175	-.00027	.00217	6.2159	.00547	.00007
40	AD614417/L (1:5)	.00026	.00065	.00042	1.2700	.00207	.00006
41	AD614417/PS	.19739	.19695	.20379	6.2259	.21871	.05156
42	AD614418/EBLK	.00008	.00394	.00031	H.02342	.00532	.00014
43	AD614419/LCS	.20392	.20115	.19623	.22040	.20237	.05310
44	AD614420/PB	.00003	.00337	-.00025	.01600	.00312	-.00032
45	AD614421	.00020	-.00227	.01154	.03900	.00244	.00032
46	AD614421/L (1:5)	-.00005	-.00070	.00246	.00756	.00091	-.00024
47	AD614421/PS	.20427	.20556	.21428	.23358	.20525	.05259
48	AD614422/MS	.20641	.20325	.21434	.24812	.20160	.05205
49	AD614423/SD	.21010	.20584	.21871	.25243	.20938	.05185
50	AD614424	-.00009	.00102	.01289	.00798	.00172	-.00014
51	AD614424/L (1:5)	-.00001	.00224	.00286	.00163	.00049	-.00009
52	AD614424/PS	.20195	.20210	.21381	.20297	.20568	.04928
53	AD614425/LCS	.19981	.19542	.19821	.20219	.19459	.04927

Analysis Report Averages 04/03/06 07:15:31 AM page 21

#	Sample Name	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
54	AD614426/PB	-.00022	-.00110	.00052	.00092	.00068	-.00038
55	AD614445	.50990	.00270	.05164	.14968	.00376	.00027
56	AD614446	.00035	-.00237	.00031	.00145	.00014	-.00021
57	AD614446/L (1:5)	-.00018	-.00060	.00026	-.00006	.00004	-.00012
58	AD614446/PS	.20689	.20595	.20544	.19578	.21097	.05280
59	AD614447/MS	.20321	.19788	.19857	.19824	.20512	.05227
60	AD614448/SD	.20306	.19718	.19811	.19825	.20131	.05154
61	AD614449	.17228	-.00017	.01507	.04568	.00343	.00009
62	AD614450	.91721	.00600	.10588	.31180	.00660	.00030
63	AD614451	.00001	.00168	.00036	.00152	.00264	-.00048
64	AD614452	-.00004	.00161	.00041	.00120	.00263	.00027
65	AD614453	.00052	-.00082	.00096	.00133	.00218	-.00040
66	AD614454	.00032	-.00065	.00009	.00386	.00206	-.00002
67	AD614455	-.00002	-.00259	-.00006	.00119	.00224	.00014
68	AD614456	-.00030	-.00202	.00019	.00097	-.00027	-.00027
69	AD614457	-.00006	-.00106	.00005	.00313	.00520	.00049
70	AD614458	-.00012	-.00300	.00020	.00565	.00025	-.00006
71	AD614459	.00541	-.00110	.00060	.00273	.00196	-.00002
72	AD614460	.00081	.00088	.00032	.00250	.00006	.00000
73	AD614461	.00553	-.00370	.00053	.00221	.00183	-.00039
74	AD614462	.00005	-.00469	-.00041	.00060	.00119	-.00015
75	AD614463	.00043	-.00282	-.00008	.00051	.00033	-.00038
76	AD614464	-.00030	-.00252	-.00034	.00128	-.00028	-.00069
77	AD614465	.00137	-.00022	.00019	.00220	.00259	-.00080
78	AD614466	.00423	-.00370	-.00022	.00263	.00131	-.00013
79	AD614467/FB	.20620	.20187	.20304	.20723	.20601	.05166
80	AD614468/PB	-.00014	.00080	.00033	.00118	.00156	-.00027
81	AD614469	-.00014	.00192	.01699	.00107	.00168	-.00024
82	AD614469/L (1:5)	-.00043	.00016	.00415	.00044	.00281	-.00026
83	AD614469/PS	.20356	.20502	.22047	.20344	.21496	.05083
84	AD614470/MS	.20235	.20368	.21715	.20990	.21107	.05133
85	AD614471/SD	.20192	.20014	.21795	.21004	.20868	.05105
86	AD614472	-.00003	.00056	.01735	.00129	.00150	-.00012
87	AD614473	-.00002	-.00082	.00890	.00122	.00176	-.00045
88	AD614474	.00012	.00033	.02284	.00168	.00000	.00002
89	AD614475	.02763	-.00240	.01701	.00642	.00272	.00019
90	AD614476	.00037	-.00079	.00112	.00195	.00193	.00001
91	AD614477	.47375	.00015	.05037	.10584	.00322	-.00010
92	AD614478	-.00002	-.00141	.00053	.00127	-.00129	-.00007
93	AD614479	.00047	-.00173	.00039	.00454	.00167	.00006
94	AD614480	.00356	-.00298	.00505	.00264	.01233	.00021
95	AD614481	.00011	.00078	.00013	.00159	.00253	.00007
96	AD614482	.00003	-.00387	-.00018	.00253	.00598	-.00080
97	AD614483	.00010	-.00108	.00013	.00144	.00103	.00010
98	AD614484	.00065	-.00008	.00040	.00123	.00218	-.00026
99	AD614485	.00326	-.00049	.00524	.00294	.01049	.00011
100	AD614486	.00070	.00031	.00054	.00480	.00108	.00015
101	AD614487	.00046	-.00203	.00045	.00165	.00205	-.00042
102	AD614488	-.00011	-.00123	.00006	.00093	.00154	-.00041
103	AD614489	-.00015	-.00436	.00012	.00101	.00060	-.00029
104	AD614490	.00099	.00233	.00273	.02005	.00428	.00153
105	AD614491/FB	.19932	.19821	.19893	.20272	.20056	.04997
106	AD614492/PB	-.00028	-.00052	.00033	.00080	.00007	.00003
107	AD614659	.02820	-.00235	.01285	.35900	.00988	.00018

#	Sample Name	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
108	AD614660	.11972	-.00530	.03013	.21694	.01329	-.00032
109	AD614661	-.00008	-.00265	-.00037	.00063	.00095	-.00004
110	AD614662	-.00004	-.00036	-.00041	.00116	.00170	-.00016
111	AD614663	.09498	-.00177	.00213	.00721	.00114	-.00026
112	AD614664	1.1049	-.00446	.02630	.04049	.00201	-.00019
113	AD614665	.01500	-.00282	.00044	.05302	.00506	.00003
114	AD614666	.02114	-.00459	-.00022	.13369	.00707	-.00043
115	AD614667	.00172	-.00121	.00009	.06031	.00144	.00007
116	AD614667/L (1:5)	.00035	-.00292	-.00017	.01189	-.00152	-.00033
117	AD614667/PS	.20622	.20962	.20413	.25337	.20738	.05129
118	AD614668/MS	.20519	.20210	.20244	.26067	.20563	.05172
119	AD614669/SD	.20792	.20575	.20466	.26456	.20659	.05199
120	AD614670	.00805	-.00052	.00045	.01985	.00119	-.00044
121	AD614671	.00248	-.00044	.00255	.01080	.00266	-.00035
122	AD614672	.00413	.00184	.00164	.01447	.00274	-.00016
123	AD614673	.00044	-.00426	-.00017	.01243	.00221	-.00019
124	AD614674/FB	.20445	.20196	.20280	.20852	.20515	.05085
125	AD614675/PB	-.00004	-.00421	-.00027	.00067	-.00033	-.00049
126	CCB	.00010	.00483	.00000	-.00029	.00172	-.00034
127	CCB	.00029	.00439	-.00006	-.00030	.00167	-.00011
128	CCB	.00019	.00169	-.00025	.00022	.00384	-.00002
129	CCB	-.00006	.00229	.00020	-.00014	.00215	-.00016
130	CCB	.00008	.00357	-.00005	.00014	.00352	-.00017
131	CCB	.00012	.00146	-.00005	.00021	.00302	.00027
132	CCB	.00004	-.00024	.00026	-.00031	.00076	-.00020
133	CCB	.00000	.00324	.00026	-.00023	.00202	.00048
134	CCB	-.00014	.00236	.00067	.00075	.00084	.00018
135	CCB	.00010	-.00061	.00060	.00073	.00227	-.00003
136	CCB	.00004	-.00213	.00033	.00090	.00095	.00010
137	CCB	.00008	-.00285	.00040	.00045	.00009	.00006
138	CCB	-.00009	.00031	.00040	-.00030	.00101	.00002
139	CCB	.00010	-.00293	-.00047	.00037	.00034	-.00017
140	CCB	.00016	-.00169	-.00013	-.00007	.00118	.00004
141	CCB	-.00007	-.00112	-.00040	-.00015	.00009	-.00081
142	CCB	-.00002	-.00308	.00006	.00023	-.00056	-.00060
143	CCV	.52359	.51021	.50072	.49053	.49327	.50516
144	CCV	.52814	.51000	.50542	.49037	.49604	.50998
145	CCV	.53684	.51413	.50819	.49098	.49467	.51750
146	CCV	.50376	.49476	.49937	.49033	.50184	.48596
147	CCV	.50673	.49506	.49930	.49005	.49936	.48711
148	CCV	.50238	.49579	.49923	.49085	.49834	.48349
149	CCV	.51560	.49995	.50206	.49517	.50712	.49770
150	CCV	.51357	.50290	.50243	.49274	.50638	.49751
151	CCV	.52751	.51388	.50466	.49558	.50687	.50821
152	CCV	.52928	.51076	.50416	.49522	.50656	.51013
153	CCV	.52400	.51236	.50343	.49548	.50739	.50598
154	CCV	.52645	.50574	.50728	.50124	.51582	.50788
155	CCV	.51995	.51069	.49870	.49397	.50767	.50262
156	CCV	.51407	.51147	.49983	.49533	.50146	.49600
157	CCV	.51933	.51434	.50346	.49782	.50750	.50001
158	CCV	.51563	.50920	.50057	.49722	.50274	.49621
159	CCV	.51267	.50459	.49835	.49558	.50228	.49360
160	CRI	.00541	.02185	.00488	.01990	.00936	.00331
161	CRI	.00538	.02071	.00465	.01935	.00985	.00290

#	Sample Name	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
162	CRI	.00513	.02179	.00504	.02064	.00982	.00293
163	CRI	.00524	.01925	.00517	.01982	.00955	.00369
164	CRI	.00516	.02163	.00547	.01989	.00931	.00270
165	CRI	.00531	.01690	.00524	.02002	.00768	.00272
166	ICB	.00040	.00259	-.00012	.00106	.00183	.00035
167	ICB	.00031	.00064	.00033	.00105	.00242	.00001
168	ICB	.00018	.00019	-.00014	.00051	.00028	-.00042
169	ICSA	.00090	.00927	-.00081	.00140	.00378	-.00004
170	ICSA	.00094	-.00075	-.00104	.00033	.00663	-.00005
171	ICSA	.00068	.01412	-.00123	.00228	.00447	.00017
172	ICSA	.00068	.00628	-.00050	.00188	.00399	-.00038
173	ICSA	.00081	.00840	-.00132	.00154	.00421	-.00002
174	ICSA	.00076	.00168	-.00160	.00146	.00329	-.00011
175	ICSAB	.00124	.10291	.49627	.91941	.01067	.21539
176	ICSAB	.00120	.10915	.51053	.93334	.00687	.22558
177	ICSAB	.00087	.10871	.49985	.92625	.00682	.20936
178	ICSAB	.00114	.10551	.50844	.95007	.00364	.21901
179	ICSAB	.00101	.10749	.50286	.94215	.00445	.21710
180	ICSAB	.00108	.10364	.50272	.94334	.00078	.21633
181	ICV	.38113	.37391	.37291	.36752	.37245	.36875
182	ICV	.39221	.38630	.38220	.37770	.38720	.37774
183	ICV	.39130	.38539	.37985	.37610	.38320	.37676
184	ICV	.39138	.39104	.38007	.37710	.37975	.37669
185	STD 1	5.67899	.60982	.28363	.25841	2.73667	1.45969
186	STD 1	5.5653	.62048	.28078	.25386	2.63703	1.43003
187	STD 1	5.66766	.61923	.28517	.25595	2.74666	1.46524
188	STD 2	28.055	3.22226	1.42018	1.27386	13.8182	7.38235
189	STD 2	27.1112	3.08005	1.40147	1.24303	13.5407	7.12019
190	STD 2	27.0762	3.05235	1.39031	1.23975	13.6131	7.15201
191	STD 3	56.7285	6.52983	2.86325	2.53191	27.7557	15.0591
192	STD 3	54.2641	6.26815	2.82017	2.47802	27.5628	14.3822
193	STD 3	54.3992	6.3038	2.80823	2.47768	27.518	14.4662
194	STD 3 VER	1.0077	1.0040	1.0122	.99689	.99372	1.0153
195	STD 3 VER	1.0184	1.0222	1.0157	1.0065	1.0127	1.0244
196	STD 3 VER	1.0042	1.0205	1.0052	.99933	.99681	1.0101
197	STD BLK	.1107	-.03901	.00147	.00203	-.14339	-.00055
198	STD BLK	.11347	-.01644	.00018	.00224	-.10515	-.00129
199	STD BLK	.10971	-.00719	.00188	.00302	-.08724	.00151

Standardization Rpt. 03/31/06 09:57:39 AM page 1

Method: TRACE2 Standard: STD BLK
Run Time: 03/31/06 09:52:52

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	.05470	-.01285	.09351	.00813	.21716	.02828	-.01995
SDev	.00197	.00173	.00607	.00103	.00072	.00125	.00675
%RSD	3.6087	13.438	6.4945	12.645	.33403	4.4082	33.845
#1	.05331	-.01407	.08921	.00740	.21767	.02739	-.01518
#2	.05610	-.01163	.09780	.00886	.21664	.02916	-.02473

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	-.00813	.00350	.06893	-.00000	-.02640	.01866	.00185
SDev	.00155	.00966	.00586	.00105	.02791	.00806	.00052
%RSD	19.075	276.00	8.5075	93602.	105.72	43.213	28.079
#1	-.00703	-.00333	.06478	-.00074	-.00666	.01296	.00148
#2	-.00923	.01033	.07308	.00074	-.04613	.02436	.00221

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1
Avge	.00793	.00776	-.11072	.02684	.01440	.00350	-.11290
SDev	.01645	.00207	.01148	.03534	.01304	.01228	.02354
%RSD	207.44	26.731	10.365	131.70	90.529	350.93	20.854
#1	-.00370	.00629	-.11883	.05183	.00518	-.00518	-.09625
#2	.01956	.00923	-.10260	.00185	.02362	.01218	-.12954

Elem	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Avge	.10960	.11071	-.03901	.00148	.00203	-.14339	-.00055
SDev	.00415	.00259	.00779	.00000	.00131	.02217	.00026
%RSD	3.7908	2.3385	19.970	.21367	64.452	15.462	46.950
#1	.11254	.11254	-.03350	.00148	.00296	-.12771	-.00037
#2	.10666	.10888	-.04452	.00148	.00111	-.15907	-.00074

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2705	--	--	--	--	--	--
SDev	5.780633	--	--	--	--	--	--
%RSD	.2136672	--	--	--	--	--	--
#1	2701	--	--	--	--	--	--
#2	2710	--	--	--	--	--	--

Standardization Rpt. 03/31/06 10:02:03 AM page 1

Method: TRACE2 Standard: STD 1
Run Time: 03/31/06 09:57:43

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	8.5689	.92533	1.6732	4.0112	6.7362	11.460	.69926
SDev	.1509	.00093	.0155	.0845	.1105	.192	.01273
%RSD	1.7611	.10029	.92688	2.1069	1.6404	1.6792	1.8210
#1	8.4622	.92598	1.6622	3.9514	6.6580	11.324	.69026
#2	8.6756	.92467	1.6841	4.0709	6.8143	11.596	.70827

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Mo2020	Ni2316	2203/1
Avge	1.8262	.86755	1.5946	1.3221	1.8134	4.7157	1.6663
SDev	.0270	.00890	.0225	.0193	.0313	.0834	.0380
%RSD	1.4764	1.0254	1.4093	1.4635	1.7245	1.7688	2.2790
#1	1.8071	.86126	1.5787	1.3084	1.7913	4.6568	1.6394
#2	1.8452	.87384	1.6105	1.3358	1.8355	4.7747	1.6931

Elem	2203/2	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924
Avge	1.5405	.59795	.58074	1.2417	5.6790	.60983	.28363
SDev	.0255	.02704	.09631	.0122	.1034	.00919	.00482
%RSD	1.6567	4.5219	16.584	.98609	1.8202	1.5062	1.7008
#1	1.5225	.57883	.51264	1.2503	5.6059	.60333	.28022
#2	1.5586	.61707	.64884	1.2330	5.7521	.61632	.28704

Elem	Zn2062	Sn1899	Ag3280
Avge	.25842	2.7367	1.4597
SDev	.00401	.0602	.0251
%RSD	1.5520	2.1999	1.7209
#1	.25558	2.6941	1.4419
#2	.26125	2.7792	1.4775

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2697	--	--	--	--	--	--
SDev	30.91831	--	--	--	--	--	--
%RSD	1.146221	--	--	--	--	--	--
#1	2719	--	--	--	--	--	--
#2	2676	--	--	--	--	--	--

Standardization Rpt. 03/31/06 10:06:27 AM page 1

Method: TRACE2 Standard: STD 2
Run Time: 03/31/06 10:02:07

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	42.635	4.7067	7.5764	20.596	32.661	56.505	3.4925
SDev	.619	.0423	.1338	.399	.462	.696	.0415
%RSD	1.4514	.89807	1.7666	1.9353	1.4145	1.2322	1.1881
#1	42.197	4.6769	7.4818	20.314	32.335	56.013	3.4632
#2	43.072	4.7366	7.6711	20.878	32.988	56.998	3.5219

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Mo2020	Ni2316	2203/1
Avge	8.9641	4.0767	7.8430	6.5084	9.0144	23.889	8.0275
SDev	.1098	.0610	.0969	.0759	.1722	.308	.1635
%RSD	1.2251	1.4968	1.2359	1.1659	1.9102	1.2882	2.0367
#1	8.8865	4.0336	7.7745	6.4547	8.8927	23.672	7.9119
#2	9.0418	4.1199	7.9115	6.5620	9.1362	24.107	8.1431

Elem	2203/2	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924
Avge	7.7718	3.0847	3.0365	5.8305	28.055	3.2223	1.4202
SDev	.0936	.0413	.0404	.0532	.464	.0376	.0204
%RSD	1.2044	1.3397	1.3304	.91320	1.6536	1.1658	1.4368
#1	7.7056	3.0555	3.0080	5.7929	27.727	3.1957	1.4058
#2	7.8380	3.1140	3.0651	5.8682	28.383	3.2488	1.4346

Elem	Zn2062	Sn1899	Ag3280
Avge	1.2739	13.818	7.3824
SDev	.0171	.208	.1150
%RSD	1.3410	1.5043	1.5581
#1	1.2618	13.671	7.3010
#2	1.2859	13.965	7.4637

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2717	--	--	--	--	--	--
SDev	37.54744	--	--	--	--	--	--
%RSD	1.381856	--	--	--	--	--	--
#1	2744	--	--	--	--	--	--
#2	2691	--	--	--	--	--	--

Standardization Rpt. 03/31/06 10:11:18 AM page 1

Method: TRACE2 Standard: STD 3
Run Time: 03/31/06 10:06:31

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	86.778	9.5123	15.109	42.185	65.227	47.699	113.23
SDev	.459	.0589	.034	.426	.409	.309	.75
%RSD	.52901	.61970	.22523	1.0096	.62631	.64678	.66432
#1	87.102	9.5540	15.133	42.486	65.516	47.917	113.76
#2	86.453	9.4706	15.085	41.884	64.939	47.481	112.70

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	7.0052	17.973	8.1990	15.680	59.866	92.479	13.018
SDev	.0501	.113	.0506	.103	.215	.643	.070
%RSD	.71562	.62776	.61663	.65438	.35883	.69577	.54154
#1	7.0406	18.053	8.2348	15.753	60.018	92.934	13.068
#2	6.9697	17.893	8.1633	15.608	59.714	92.024	12.969

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1
Avge	18.174	2.8232	47.931	15.924	15.619	6.2659	6.2232
SDev	.033	.0086	.267	.086	.009	.0297	.0051
%RSD	.18395	.30610	.55642	.54308	.05529	.47334	.08142
#1	18.198	2.8293	48.119	15.985	15.625	6.2869	6.2268
#2	18.150	2.8171	47.742	15.863	15.613	6.2450	6.2196

Elem	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Avge	11.725	56.729	6.5298	2.8633	2.5319	27.756	15.059
SDev	.047	.418	.0265	.0139	.0198	.188	.088
%RSD	.40233	.73659	.40513	.48548	.78144	.67662	.58337
#1	11.691	57.024	6.5111	2.8731	2.5459	27.889	15.121
#2	11.758	56.433	6.5485	2.8534	2.5179	27.623	14.997

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2670	--	--	--	--	--	--
SDev	2.598652	--	--	--	--	--	--
%RSD	.0973456	--	--	--	--	--	--
#1	2671	--	--	--	--	--	--
#2	2668	--	--	--	--	--	--

Standardization Report 03/31/06 10:11:19 AM page 1

Method: TRACE2 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	.583834	-.031629	03/31/06 10:06:31
As1890	189.042	Multiple	Standards	.105832	.001366	03/31/06 10:06:31
B_2496	249.678	Multiple	Standards	.066213	-.006221	03/31/06 10:06:31
Ba4934	493.409	Multiple	Standards	.024312	-.000174	03/31/06 10:06:31
Be3130	313.042	Multiple	Standards	.015381	-.003342	03/31/06 10:06:31
Ca3179	317.933	STD 3	STD BLK	.845741	-.005177	03/31/06 10:06:31
Cd2265	226.502	Multiple	Standards	.008803	.000168	03/31/06 10:06:31
Co2286	228.616	Multiple	Standards	.142569	.001154	03/31/06 10:06:31
Cr2677	267.716	Multiple	Standards	.055519	-.000203	03/31/06 10:06:31
Cu3247	324.753	Multiple	Standards	.124343	-.008564	03/31/06 10:06:31
Fe2714	271.441	Multiple	Standards	3.17111	-.000468	03/31/06 10:06:31
K_7664	766.491	STD 3	STD BLK	1.13305	.016588	03/31/06 10:06:31
Mg2790	279.078	STD 3	STD BLK	.900026	-.003595	03/31/06 10:06:31
Mn2576	257.610	Multiple	Standards	.076470	-.000149	03/31/06 10:06:31
Mo2020	202.030	Multiple	Standards	.055308	-.000437	03/31/06 10:06:31
Na3302	330.232	STD 3	STD BLK	1.21812	-.000227	03/31/06 10:06:31
Ni2316	231.604	Multiple	Standards	.020763	.002296	03/31/06 10:06:31
2203/1	220.351	Multiple	Standards	.063229	-.001713	03/31/06 10:06:31
2203/2	220.352	Multiple	Standards	.064147	-.000913	03/31/06 10:06:31
PB2203	220.353	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
SE1960	196.026	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Sb2068	206.838	Multiple	Standards	.164340	-.000549	03/31/06 10:06:31
1960/1	196.021	Multiple	Standards	.153144	.017236	03/31/06 10:06:31
1960/2	196.022	Multiple	Standards	.084713	-.009274	03/31/06 10:06:31
Ti3372	337.280	Multiple	Standards	.017836	-.001968	03/31/06 10:06:31
Tl1908	190.864	Multiple	Standards	.151510	.005916	03/31/06 10:06:31
V_2924	292.402	Multiple	Standards	.352398	-.000515	03/31/06 10:06:31
Zn2062	206.200	Multiple	Standards	.392235	-.000804	03/31/06 10:06:31
Sn1899	189.989	Multiple	Standards	.035454	.005066	03/31/06 10:06:31
Ag3280	328.068	Multiple	Standards	.067521	.000050	03/31/06 10:06:31

Standardization Readback Report 03/31/06 10:11:19 AM page 1

Method: TRACE2

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	STD BLK	.000000	.000309	-.000309
		STD 1	5.00000	4.97118	.028822
		STD 2	25.0000	24.8599	.140125
		STD 3	50.0000	50.6322	-.632172

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	STD BLK	.000000	.000006	-.000006
		STD 1	.100000	.099295	.000705
		STD 2	.500000	.499490	.000510
		STD 3	1.00000	1.00807	-.008070

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	STD BLK	.000000	-.000030	.000030
		STD 1	.100000	.104564	-.004564
		STD 2	.500000	.495435	.004565
		STD 3	1.00000	.994193	.005807

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	STD BLK	.000000	.000024	-.000024
		STD 1	.100000	.097346	.002654
		STD 2	.500000	.500553	-.000553
		STD 3	1.00000	1.02543	-.025434

CorCoef: 0.99992

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	STD BLK	.000000	-.000002	.000002
		STD 1	.100000	.100264	-.000264
		STD 2	.500000	.499007	.000993
		STD 3	1.00000	.999896	.000104

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Ca3179	317.933	STD BLK	.018737	.028275	-.009538
		STD 3	40.3360	47.6992	-7.36323

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	STD BLK	.000000	-.000008	.000008
		STD 1	.100000	.101056	-.001056
		STD 2	.500000	.497610	.002390
		STD 3	1.00000	.997012	.002988

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	STD BLK	.000000	-.000005	.000005
		STD 1	.100000	.100847	-.000847
		STD 2	.500000	.499077	.000923
		STD 3	1.00000	.999874	.000126

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	STD BLK	.000000	-.000009	.000009
		STD 1	.100000	.101184	-.001184
		STD 2	.500000	.497478	.002522
		STD 3	1.00000	.997639	.002361
CorCoef:	1.00000				

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	STD BLK	.000000	.000007	-.000007
		STD 1	.100000	.099310	.000690
		STD 2	.500000	.498348	.001652
		STD 3	1.00000	1.01093	-.010931
CorCoef:	0.99997				

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	STD BLK	.000000	-.000471	.000471
		STD 1	5.00000	5.05624	-.056244
		STD 2	25.0000	24.8706	.129446
		STD 3	50.0000	49.7230	.277004
CorCoef:	1.00000				

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	STD BLK	-.013323	-.026398	.013076
		STD 3	67.8475	59.8657	7.98182

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Mg2790	279.078	STD BLK	.013197	.018657	-.005460
		STD 3	83.2299	92.4789	-9.24905

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	STD BLK	.000000	-.000008	.000008
		STD 1	.100000	.100953	-.000953
		STD 2	.500000	.497548	.002452
		STD 3	1.00000	.995373	.004627
CorCoef:	1.00000				

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	STD BLK	.000000	.000002	-.000002
		STD 1	.100000	.099859	.000141
		STD 2	.500000	.498136	.001864
		STD 3	1.00000	1.00473	-.004734
CorCoef:	0.99999				

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	STD BLK	.009225	.007760	.001465
		STD 3	3.43872	2.82317	.615553

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.100209	-.000209
		STD 2	.500000	.498313	.001687
		STD 3	1.00000	.997487	.002513
CorCoef:	1.00000				

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	STD BLK	.000000	-.000016	.000016
		STD 1	.100000	.103643	-.003643
		STD 2	.500000	.505856	-.005856
		STD 3	1.00000	1.00512	-.005122

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	STD BLK	.000000	.000011	-.000011
		STD 1	.100000	.097906	.002094
		STD 2	.500000	.497621	.002379
		STD 3	1.00000	1.00099	-.000992

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
PB2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
SE1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	STD BLK	.000000	.000026	-.000026
		STD 1	.100000	.097718	.002282
		STD 2	.500000	.506398	-.006398
		STD 3	1.00000	1.02919	-.029194

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	STD BLK	.000000	-.000053	.000053
		STD 1	.100000	.106172	-.006172
		STD 2	.500000	.482260	.017740
		STD 3	1.00000	.970284	.029716

CorCoef: 0.99994

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	STD BLK	.000000	.000011	-.000011
		STD 1	.100000	.095912	.004088
		STD 2	.500000	.484645	.015355
		STD 3	1.00000	.983969	.016031

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3372	337.280	STD BLK	.000000	.000006	-.000006
		STD 1	.100000	.099323	.000677
		STD 2	.500000	.498423	.001577
		STD 3	1.00000	1.00985	-.009848

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	STD BLK	.000000	.000005	-.000005
		STD 1	.100000	.098310	.001690
		STD 2	.500000	.494120	.005880
		STD 3	1.00000	.995248	.004752

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	STD BLK	.000000	.000006	-.000006
		STD 1	.100000	.099437	.000563
		STD 2	.500000	.499955	.000045
		STD 3	1.00000	1.00849	-.008489

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	STD BLK	.000000	-.000006	.000006
		STD 1	.100000	.100557	-.000557
		STD 2	.500000	.498852	.001148
		STD 3	1.00000	.992302	.007698

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	STD BLK	.000000	-.000018	.000018
		STD 1	.100000	.102092	-.002092
		STD 2	.500000	.494978	.005022
		STD 3	1.00000	.989122	.010878

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	STD BLK	.000000	.000013	-.000013
		STD 1	.100000	.098611	.001389
		STD 2	.500000	.498517	.001483
		STD 3	1.00000	1.01686	-.016860

CorCoef: 0.99995

Analysis Report Blank Sample 03/31/06 10:16:10 AM page 1

Method: TRACE2 Sample Name: STD 3 VER Operator: SW
Run Time: 03/31/06 10:11:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.858	1.0055	.99506	1.0099	1.0041	50.437	.99967
SDev	.613	.0202	.01021	.0138	.0131	.697	.01337
%RSD	1.2048	2.0061	1.0256	1.3616	1.3031	1.3821	1.3369
#1	51.291	1.0197	1.0023	1.0197	1.0133	50.930	1.0091
#2	50.425	.99122	.98784	1.0002	.99482	49.944	.99022
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0042	1.0068	1.0135	50.200	51.474	50.629	1.0056
SDev	.0125	.0128	.0140	.644	.535	.604	.0118
%RSD	1.2474	1.2760	1.3795	1.2825	1.0402	1.1937	1.1685
#1	1.0131	1.0159	1.0234	50.655	51.852	51.056	1.0139
#2	.99536	.99771	1.0036	49.745	51.095	50.202	.99733
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0152	50.657	1.0011	.99591	1.0132	1.0074	.99986
SDev	.0092	.329	.0150	.01605	.0300	.0254	.02669
%RSD	.90920	.64991	1.4995	1.6119	2.9612	2.5170	2.6690
#1	1.0217	50.890	1.0118	1.0073	1.0344	1.0254	1.0187
#2	1.0087	50.425	.99052	.98456	.99197	.98950	.98099
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0262	.98365	1.0080	1.0077	1.0040	1.0122	.99689
SDev	.0077	.01375	.0332	.0128	.0045	.0132	.01258
%RSD	.74869	1.3977	3.2893	1.2669	.45214	1.2998	1.2615
#1	1.0316	.99337	1.0314	1.0167	1.0073	1.0215	1.0058
#2	1.0207	.97393	.98453	.99865	1.0008	1.0029	.98800
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.99373	1.0153
SDev	.00972	.0129
%RSD	.97864	1.2750
#1	1.0006	1.0244
#2	.98685	1.0061
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2650	--	--	--	--	--	--
SDev	35.90328	--	--	--	--	--	--
%RSD	1.354949	--	--	--	--	--	--
#1	2624	--	--	--	--	--	--
#2	2675	--	--	--	--	--	--

Analysis Report QC Standard 03/31/06 10:21:00 AM page 1

Method: TRACE2 Sample Name: ICV Operator: SW
Run Time: 03/31/06 10:16:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.571	.36520	Q.34716	.36274	.37180	18.536	.36509
SDev	.079	.00197	.00027	.00296	.00157	.110	.00143
%RSD	.42579	.53881	.07798	.81638	.42324	.59521	.39262
#1	18.515	.36381	Q.34735	.36065	.37069	18.458	.36407
#2	18.627	.36660	Q.34697	.36484	.37292	18.614	.36610
Errors	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass
Value	18.750	.37500	.37500	.37500	.37500	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36825	.36899	.38474	18.508	18.292	18.638	.37625
SDev	.00086	.00001	.00174	.025	.010	.094	.00102
%RSD	.23377	.00331	.45174	.13366	.05467	.50191	.27103
#1	.36764	.36898	.38351	18.491	18.285	18.572	.37553
#2	.36886	.36900	.38597	18.526	18.299	18.704	.37697
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500	.37500	.37500	18.750	18.750	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37657	18.423	.37252	.36870	.36993	.36952	.36830
SDev	.00101	.282	.00216	.00313	.00205	.00033	.00000
%RSD	.26878	1.5305	.58037	.84774	.55425	.08841	.00040
#1	.37585	18.224	.37099	.37091	.36848	.36929	.36831
#2	.37728	18.623	.37405	.36649	.37138	.36975	.36830
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.37500	18.750	.37500			.37500	.37500
Range	5.0000	5.0000	5.0000			5.0000	5.0000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37534	.36675	.36909	.38114	.37392	.37291	.36753
SDev	.00088	.00124	.00062	.00239	.00556	.00149	.00159
%RSD	.23444	.33741	.16823	.62740	1.4878	.39892	.43204
#1	.37472	.36587	.36953	.37945	.36998	.37186	.36640
#2	.37596	.36762	.36865	.38283	.37785	.37396	.36865
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500			.37500	.37500	.37500	.37500
Range	5.0000			5.0000	5.0000	5.0000	5.0000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.37245	.36875
SDev	.00133	.00072
%RSD	.35634	.19495
#1	.37339	.36824
#2	.37152	.36926
Errors	QC Pass	QC Pass
Value	.37500	.37500
Range	5.0000	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2728	--	--	--	--	--	--
SDev	1.803157	--	--	--	--	--	--
%RSD	.0660969	--	--	--	--	--	--
#1	2727	--	--	--	--	--	--
#2	2729	--	--	--	--	--	--

Analysis Report Blank Sample 03/31/06 10:25:51 AM page 1

Method: TRACE2 Sample Name: ICB Operator: SW
Run Time: 03/31/06 10:21:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01562	.00136	.00239	.00028	.00025	.01060	.00005
SDev	.01099	.00279	.00145	.00018	.00022	.00977	.00009
%RSD	70.368	205.33	60.545	65.904	90.102	92.178	169.46
#1	.00785	.00333	.00137	.00015	.00009	.00369	-.00001
#2	.02339	-.00061	.00341	.00041	.00040	.01750	.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00013	.00040	-.00105	.01233	.01182	.01341	.00027
SDev	.00041	.00022	.00056	.01480	.00743	.00994	.00020
%RSD	308.98	54.627	53.137	120.01	62.827	74.133	72.862
#1	-.00016	.00055	-.00066	.00187	.00657	.00638	.00013
#2	.00042	.00024	-.00145	.02279	.01707	.02043	.00041
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00190	.02502	.00001	.00267	-.00189	-.00037	.00238
SDev	.00003	.17604	.00003	.00048	.00011	.00008	.00132
%RSD	1.3339	703.49	242.26	18.050	6.0255	22.990	55.287
#1	.00188	.14951	-.00001	.00233	-.00181	-.00043	.00145
#2	.00192	-.09946	.00003	.00301	-.00197	-.00031	.00332
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00051	.00649	.00033	.00040	.00259	-.00013	.00107
SDev	.00341	.00304	.00046	.00036	.00080	.00036	.00061
%RSD	670.31	46.777	139.53	88.943	30.751	288.16	57.068
#1	.00292	.00435	.00000	.00015	.00316	-.00038	.00064
#2	-.00190	.00864	.00065	.00066	.00203	.00013	.00150
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00184	.00036
SDev	.00075	.00023
%RSD	40.813	63.189
#1	.00237	.00020
#2	.00131	.00052
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2723	--	--	--	--	--	--
SDev	3.924304	--	--	--	--	--	--
%RSD	.1440918	--	--	--	--	--	--
#1	2721	--	--	--	--	--	--
#2	2726	--	--	--	--	--	--

Analysis Report Blank Sample 03/31/06 10:30:40 AM page 1

Method: TRACE2 Sample Name: CRI Operator: SW
Run Time: 03/31/06 10:25:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21144	.01237	.05116	.00212	.00216	.48549	.00113
SDev	.00056	.00098	.00061	.00014	.00003	.00234	.00013
%RSD	.26597	7.9492	1.1886	6.7306	1.4884	.48107	11.054
#1	.21104	.01306	.05073	.00223	.00218	.48715	.00122
#2	.21184	.01167	.05159	.00202	.00213	.48384	.00104
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.07500	.00300	.00300	.75000	.00150
Low	.10000	.00500	.02500	.00100	.00100	.25000	.00050

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00404	.00410	.00916	.06391	.44356	.20411	.00321
SDev	.00015	.00006	.00016	.01334	.00935	.00131	.00003
%RSD	3.7928	1.5683	1.6975	20.879	2.1087	.64333	1.0920
#1	.00415	.00414	.00927	.07334	.45017	.20504	.00319
#2	.00393	.00405	.00905	.05447	.43694	.20318	.00324
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01096	1.0692	.00973	.00415	.00570	.00519	.01805
SDev	.00025	.0810	.00023	.00121	.00001	.00040	.00297
%RSD	2.2601	7.5779	2.3964	29.219	.15969	7.6784	16.476
#1	.01113	1.0119	.00956	.00330	.00571	.00490	.01595
#2	.01078	1.1265	.00989	.00501	.00569	.00547	.02015
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01500	1.5000	.01500			.00750	.02250
Low	.00500	.50000	.00500			.00250	.00750

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02063	.01805	.01805	.00541	.02185	.00489	.01991
SDev	.00117	.00092	.00400	.00002	.00056	.00008	.00044
%RSD	5.6593	5.0846	22.174	.40476	2.5846	1.7261	2.2116
#1	.02146	.01740	.01522	.00540	.02225	.00483	.02022
#2	.01981	.01870	.02088	.00543	.02145	.00495	.01960
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.03000			.00750	.03000	.00750	.03000
Low	.01000			.00250	.01000	.00250	.01000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00937	.00332
SDev	.00019	.00024
%RSD	2.0091	7.3001
#1	.00923	.00315
#2	.00950	.00349
Errors	LC Pass	LC Pass
High	.01500	.00450
Low	.00500	.00150

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2708	--	--	--	--	--	--
SDev	3.924477	--	--	--	--	--	--
%RSD	.1449323	--	--	--	--	--	--
#1	2705	--	--	--	--	--	--
#2	2711	--	--	--	--	--	--

Analysis Report QC Standard 03/31/06 10:35:30 AM page 1

Method: TRACE2 Sample Name: ICSA Operator: SW
Run Time: 03/31/06 10:30:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	502.16	.00144	.00966	.01201	.00135	527.97	.00187
SDev	1.90	.00346	.00032	.00026	.00001	1.57	.00028
%RSD	.37783	239.78	3.2862	2.1542	.62645	.29798	15.123
#1	500.82	.00388	.00944	.01183	.00135	526.86	.00167
#2	503.50	-.00100	.00989	.01219	.00136	529.09	.00207
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value	500.00					500.00	
Range	100.00					100.00	

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00096	-.01287	.00043	188.20	-.00678	506.34	.00012
SDev	.00044	.00012	.00026	.86	.01519	.60	.00000
%RSD	46.333	.92151	61.073	.45843	223.99	.11799	1.2116
#1	.00127	-.01279	.00024	187.59	.00396	505.92	.00012
#2	.00064	-.01296	.00061	188.81	-.01753	506.76	.00013
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK	QC Pass	NOCHECK
Value				200.00		500.00	
Range				40.000		100.00	

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00226	-.14704	.00015	.03600	-.01866	-.00046	.00157
SDev	.00111	.10945	.00035	.00435	.00466	.00166	.00176
%RSD	49.059	74.430	238.92	12.086	24.953	363.56	112.01
#1	.00304	-.22443	.00040	.03908	-.02195	-.00163	.00033
#2	.00147	-.06965	-.00010	.03293	-.01537	.00072	.00282
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00036	.00232	.00120	.00091	.00928	-.00082	.00140
SDev	.00342	.00655	.00592	.00015	.00272	.00040	.00000
%RSD	942.37	282.76	492.15	16.127	29.284	48.627	.27853
#1	.00206	.00694	-.00298	.00080	.01120	-.00110	.00140
#2	-.00278	-.00231	.00539	.00101	.00736	-.00054	.00140
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00378	-.00004
SDev	.00494	.00028
%RSD	130.50	660.84
#1	.00727	-.00024
#2	.00029	.00016
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2513	--	--	--	--	--	--
SDev	13.84175	--	--	--	--	--	--
%RSD	.5509073	--	--	--	--	--	--
#1	2522	--	--	--	--	--	--
#2	2503	--	--	--	--	--	--

Analysis Report QC Standard 03/31/06 10:40:21 AM page 1

Method: TRACE2 Sample Name: ICSAB Operator: SW
Run Time: 03/31/06 10:35:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	514.10	.10933	.02033	.52601	.49191	545.78	.95729
SDev	1.74	.00333	.00035	.00330	.00186	3.12	.00276
%RSD	.33779	3.0489	1.7326	.62671	.37735	.57079	.28844
#1	512.87	.10698	.02009	.52368	.49059	543.58	.95534
#2	515.32	.11169	.02058	.52834	.49322	547.99	.95924
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48255	.47408	.54385	94.672	-.00568	478.81	.48441
SDev	.00100	.00053	.00309	.193	.01771	1.39	.00077
%RSD	.20702	.11206	.56735	.20414	311.72	.29089	.15925
#1	.48185	.47370	.54167	94.536	.00684	477.82	.48387
#2	.48326	.47445	.54603	94.809	-.01820	479.79	.48496
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00264	-.00180	.91772	.09323	.02409	.04712	.05020
SDev	.00046	.04794	.00420	.00125	.00287	.00233	.00465
%RSD	17.506	2659.0	.45746	1.3364	11.919	4.9457	9.2615
#1	.00297	.03210	.91476	.09235	.02206	.04547	.05349
#2	.00231	-.03570	.92069	.09411	.02612	.04876	.04691
Errors	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value			1.0000			.05000	.05000
Range			.20000			.01000	.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.62280	.04780	.05140	.00125	.10291	.49628	.91942
SDev	.00434	.00669	.00363	.00010	.00210	.00178	.00398
%RSD	.69628	13.998	7.0589	8.2440	2.0423	.35827	.43256
#1	.61973	.05253	.05396	.00117	.10143	.49502	.91661
#2	.62586	.04307	.04883	.00132	.10440	.49754	.92223
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.60000				.10000	.50000	1.0000
Range	.12000				.02000	.10000	.20000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.01067	.21540
SDev	.00004	.00123
%RSD	.34090	.57302
#1	.01065	.21452
#2	.01070	.21627
Errors	NOCHECK	QC Pass
Value		.20000
Range		.04000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2535	--	--	--	--	--	--
SDev	1.431822	--	--	--	--	--	--
%RSD	.0564746	--	--	--	--	--	--
#1	2534	--	--	--	--	--	--
#2	2536	--	--	--	--	--	--

Analysis Report QC Standard 03/31/06 10:46:30 AM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 03/31/06 10:41:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.039	.49724	.46145	.51565	.49974	25.349	.48879
SDev	.064	.00325	.00008	.00077	.00037	.069	.00059
%RSD	.25472	.65389	.01680	.14937	.07391	.27191	.12024
#1	24.994	.49954	.46150	.51511	.49948	25.301	.48838
#2	25.084	.49494	.46139	.51620	.50000	25.398	.48921
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48874	.48821	.52627	24.486	24.605	24.705	.49633
SDev	.00085	.00003	.00115	.066	.006	.067	.00014
%RSD	.17314	.00530	.21942	.26777	.02587	.27261	.02842
#1	.48814	.48820	.52545	24.440	24.601	24.657	.49623
#2	.48934	.48823	.52708	24.533	24.610	24.752	.49643
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49646	25.150	.50395	.48949	.50333	.49872	.49847
SDev	.00122	.123	.00168	.00181	.00422	.00222	.00205
%RSD	.24651	.49096	.33326	.36922	.83944	.44441	.41153
#1	.49559	25.237	.50276	.49077	.50034	.49716	.49702
#2	.49732	25.063	.50514	.48822	.50632	.50029	.49992
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50794	.49155	.50194	.52359	.51021	.50073	.49054
SDev	.00130	.00286	.00164	.00030	.00738	.00109	.00004
%RSD	.25538	.58270	.32773	.05664	1.4473	.21839	.00788
#1	.50886	.48952	.50077	.52338	.50499	.49996	.49057
#2	.50702	.49357	.50310	.52380	.51544	.50150	.49051
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.49327	.50516
SDev	.00205	.00071
%RSD	.41635	.13987
#1	.49182	.50566
#2	.49473	.50466
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2728	--	--	--	--	--	--
SDev	2.492482	--	--	--	--	--	--
%RSD	.0913738	--	--	--	--	--	--
#1	2726	--	--	--	--	--	--
#2	2730	--	--	--	--	--	--

Analysis Report Blank Sample 03/31/06 10:51:21 AM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 03/31/06 10:46:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05224	.00044	.00115	.00009	.00013	.03661	.00005
SDev	.03795	.00165	.00010	.00003	.00007	.03461	.00018
%RSD	72.636	378.27	8.4574	34.552	54.111	94.537	343.28
#1	.02541	-.00073	.00108	.00007	.00008	.01214	-.00007
#2	.07908	.00160	.00122	.00011	.00018	.06108	.00018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00036	.00053	-.00160	.01360	-.00113	.04361	.00016
SDev	.00022	.00014	.00061	.01160	.00504	.03267	.00004
%RSD	61.879	26.818	38.331	85.252	447.16	74.927	24.569
#1	.00020	.00043	-.00203	.00540	.00244	.02050	.00013
#2	.00052	.00064	-.00116	.02180	-.00469	.06671	.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00138	-.22766	.00021	-.00204	.00066	-.00024	.00349
SDev	.00006	.19266	.00038	.00238	.00087	.00137	.00019
%RSD	4.2901	84.625	177.97	116.31	130.83	576.10	5.4102
#1	.00143	-.36390	-.00006	-.00036	.00128	.00073	.00336
#2	.00134	-.09143	.00048	-.00372	.00005	-.00121	.00363
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00150	.00786	.00131	.00010	.00484	.00001	-.00030
SDev	.00119	.00221	.00082	.00000	.00076	.00037	.00010
%RSD	78.954	28.128	62.720	1.6814	15.632	5672.8	34.595
#1	.00234	.00630	.00189	.00010	.00430	-.00025	-.00022
#2	.00066	.00942	.00073	.00010	.00537	.00027	-.00037
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00173	-.00035
SDev	.00035	.00003
%RSD	20.014	10.013
#1	.00148	-.00032
#2	.00197	-.00037
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2704	--	--	--	--	--	--
SDev	2.280316	--	--	--	--	--	--
%RSD	.0843448	--	--	--	--	--	--
#1	2702	--	--	--	--	--	--
#2	2705	--	--	--	--	--	--

Analysis Report 03/31/06 10:56:11 AM page 1

Method: TRACE2 Sample Name: AD613860/FB Operator: SW
Run Time: 03/31/06 10:51:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.7459	.19506	.18376	.20342	.19446	9.5588	.19229
SDev	.0251	.00048	.00140	.00027	.00038	.0377	.00028
%RSD	.25707	.24481	.76001	.13121	.19439	.39413	.14567
#1	9.7637	.19540	.18277	.20361	.19419	9.5855	.19209
#2	9.7282	.19473	.18474	.20323	.19472	9.5322	.19248
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19332	.19229	.19746	9.6122	9.4698	9.6339	.19097
SDev	.00065	.00068	.00061	.0053	.0115	.0213	.00038
%RSD	.33494	.35378	.30668	.05548	.12150	.22091	.19994
#1	.19286	.19181	.19703	9.6084	9.4617	9.6489	.19070
#2	.19377	.19277	.19789	9.6160	9.4779	9.6188	.19124
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19344	10.179	.19510	.19551	.19923	.19799	.19539
SDev	.00079	.006	.00049	.00012	.00279	.00182	.00401
%RSD	.40991	.05799	.24854	.06295	1.4024	.92053	2.0511
#1	.19288	10.175	.19476	.19542	.20120	.19928	.19256
#2	.19400	10.183	.19544	.19560	.19725	.19670	.19823
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.23000	11.500	.23000			.23000	.23000
Low	.17000	8.5000	.17000			.17000	.17000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19860	.19916	.19351	.19676	.19280	.19499	.19806
SDev	.00109	.01005	.00098	.00007	.00647	.00030	.00052
%RSD	.54696	5.0483	.50871	.03505	3.3544	.15389	.26035
#1	.19937	.19205	.19281	.19671	.18823	.19478	.19770
#2	.19783	.20627	.19421	.19681	.19738	.19520	.19843
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000			.23000	.23000	.23000	.23000
Low	.17000			.17000	.17000	.17000	.17000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.19456	.04919
SDev	.00376	.00026
%RSD	1.9321	.53239
#1	.19191	.04937
#2	.19722	.04900
Errors	LC Pass	LC Pass
High	.23000	.05750
Low	.17000	.04250

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2735	--	--	--	--	--	--
SDev	2.916815	--	--	--	--	--	--
%RSD	.1066628	--	--	--	--	--	--
#1	2737	--	--	--	--	--	--
#2	2733	--	--	--	--	--	--

Analysis Report 03/31/06 11:01:01 AM page 1

Method: TRACE2 Sample Name: AD613990/PB Operator: SW
Run Time: 03/31/06 10:56:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06327	.00165	.00227	.00042	.00008	.04608	.00015
SDev	.01227	.00054	.00061	.00014	.00002	.00810	.00012
%RSD	19.401	32.546	26.708	32.555	23.913	17.577	77.313
#1	.07195	.00203	.00184	.00052	.00010	.05180	.00024
#2	.05459	.00127	.00270	.00032	.00007	.04035	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00062	-.00008	-.00160	.01888	.01685	.04654	.00021
SDev	.00025	.00035	.00018	.00485	.00648	.00843	.00000
%RSD	41.126	466.49	11.194	25.697	38.443	18.111	.23898
#1	.00044	.00017	-.00173	.02231	.02143	.05251	.00021
#2	.00080	-.00032	-.00148	.01545	.01227	.04058	.00021
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00049	-.08983	.00126	.00071	-.00126	-.00060	-.00040
SDev	.00018	.07774	.00021	.00268	.00060	.00129	.00308
%RSD	37.852	86.542	17.046	378.38	47.932	214.25	775.12
#1	.00062	-.14480	.00141	.00260	-.00083	.00031	.00178
#2	.00036	-.03486	.00111	-.00119	-.00169	-.00152	-.00258
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00132	.01100	-.00610	-.00047	.00230	-.00033	.00349
SDev	.00165	.00073	.00426	.00015	.00152	.00027	.00011
%RSD	124.32	6.6327	69.868	32.225	66.074	82.557	3.0210
#1	.00249	.01152	-.00308	-.00058	.00123	-.00014	.00356
#2	.00016	.01048	-.00911	-.00036	.00338	-.00052	.00341
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00419	-.00002
SDev	.00183	.00014
%RSD	43.572	608.09
#1	.00290	-.00012
#2	.00549	.00007
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2787	--	--	--	--	--	--
SDev	3.871306	--	--	--	--	--	--
%RSD	.1388965	--	--	--	--	--	--
#1	2784	--	--	--	--	--	--
#2	2790	--	--	--	--	--	--

Analysis Report 03/31/06 11:05:51 AM page 1

Method: TRACE2 Sample Name: AD613989/FB Operator: SW
Run Time: 03/31/06 11:01:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.040	.21219	.18925	.21887	.20597	10.112	.20439
SDev	.039	.00028	.00028	.00033	.00061	.027	.00050
%RSD	.39000	.13008	.14725	.15191	.29504	.26958	.24656
#1	10.012	.21238	.18944	.21863	.20554	10.093	.20403
#2	10.068	.21199	.18905	.21910	.20640	10.132	.20474
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20381	.20095	.20915	10.035	9.7628	10.103	.19938
SDev	.00055	.00056	.00113	.023	.0104	.019	.00031
%RSD	.26919	.28093	.53961	.22779	.10621	.18917	.15325
#1	.20342	.20055	.20835	10.019	9.7555	10.090	.19916
#2	.20420	.20135	.20995	10.052	9.7701	10.117	.19959
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20428	10.575	.20844	.20380	.21194	.20923	.20566
SDev	.00103	.093	.00131	.00233	.00074	.00028	.00313
%RSD	.50510	.87742	.62861	1.1444	.34874	.13560	1.5206
#1	.20355	10.510	.20751	.20545	.21141	.20943	.20787
#2	.20501	10.641	.20936	.20215	.21246	.20903	.20345
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.23000	11.500	.23000			.23000	.23000
Low	.17000	8.5000	.17000			.17000	.17000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21014	.19844	.20928	.21091	.20694	.20592	.20937
SDev	.00406	.00882	.00028	.00026	.00130	.00089	.00033
%RSD	1.9331	4.4432	.13492	.12337	.62883	.43029	.15620
#1	.20727	.20468	.20948	.21072	.20786	.20529	.20914
#2	.21301	.19221	.20908	.21109	.20602	.20655	.20960
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000			.23000	.23000	.23000	.23000
Low	.17000			.17000	.17000	.17000	.17000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20679	.05227
SDev	.00243	.00078
%RSD	1.1735	1.4864
#1	.20507	.05282
#2	.20851	.05172
Errors	LC Pass	LC Pass
High	.23000	.05750
Low	.17000	.04250

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2732	--	--	--	--	--	--
SDev	6.894291	--	--	--	--	--	--
%RSD	.2523302	--	--	--	--	--	--
#1	2737	--	--	--	--	--	--
#2	2727	--	--	--	--	--	--

Analysis Report 03/31/06 11:10:41 AM page 1

Method: TRACE2 Sample Name: AD613986 Operator: SW
Run Time: 03/31/06 11:05:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02197	.00076	.04523	.06069	.00011	84.320	-.00020
SDev	.00116	.00305	.00104	.00006	.00001	.044	.00007
%RSD	5.2601	402.89	2.2961	.10272	10.209	.05234	33.441
#1	.02279	.00291	.04450	.06074	.00012	84.289	-.00025
#2	.02116	-.00140	.04597	.06065	.00011	84.351	-.00015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00007	.00022	-.00212	.43277	3.2890	13.460	.29478
SDev	.00008	.00015	.00027	.01107	.0116	.022	.00068
%RSD	114.71	66.374	12.672	2.5581	.35342	.16472	.22957
#1	-.00001	.00012	-.00231	.44060	3.2972	13.444	.29430
#2	-.00012	.00032	-.00193	.42494	3.2808	13.475	.29525
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00111	21.572	.00014	.00023	-.00055	-.00029	.00313
SDev	.00025	.081	.00013	.00157	.00185	.00071	.00065
%RSD	22.414	.37492	96.503	696.02	334.77	242.29	20.783
#1	.00093	21.629	.00004	.00133	-.00186	-.00080	.00267
#2	.00128	21.515	.00023	-.00088	.00075	.00021	.00359
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00185	.00740	.00100	-.00010	.00302	-.00020	.00176
SDev	.00021	.00792	.00299	.00010	.00300	.00009	.00011
%RSD	11.493	107.07	300.03	93.168	99.394	47.147	5.9852
#1	.00200	.00180	.00311	-.00004	.00514	-.00026	.00168
#2	.00170	.01301	-.00112	-.00017	.00090	-.00013	.00183
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00354	-.00020
SDev	.00098	.00078
%RSD	27.618	388.53
#1	.00423	.00035
#2	.00285	-.00075

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2701	--	--	--	--	--	--
SDev	3.447145	--	--	--	--	--	--
%RSD	.1276313	--	--	--	--	--	--
#1	2703	--	--	--	--	--	--
#2	2698	--	--	--	--	--	--

Analysis Report 03/31/06 11:15:31 AM page 1

Method: TRACE2 Sample Name: AD613986/L (1:5) Operator: SW
Run Time: 03/31/06 11:10:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01203	.00111	.00934	.01191	.00005	16.387	-.00020
SDev	.00170	.00042	.00134	.00007	.00003	.025	.00004
%RSD	14.120	37.516	14.379	.62634	60.667	.14982	21.928
#1	.01323	.00082	.01029	.01196	.00003	16.370	-.00024
#2	.01083	.00141	.00839	.01186	.00006	16.404	-.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00004	.00001	-.00149	.09393	.59900	2.6830	.05906
SDev	.00015	.00000	.00068	.01033	.01119	.0105	.00006
%RSD	375.07	5.5223	45.611	10.993	1.8681	.39027	.09783
#1	-.00006	.00001	-.00197	.08663	.60691	2.6756	.05902
#2	.00014	.00001	-.00101	.10123	.59109	2.6904	.05910
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00056	4.3380	.00047	.00005	-.00084	-.00054	.00266
SDev	.00006	.1492	.00004	.00132	.00187	.00081	.00123
%RSD	9.8223	3.4398	9.2235	2642.5	223.06	149.04	46.376
#1	.00060	4.2325	.00044	-.00088	.00048	.00003	.00179
#2	.00052	4.4435	.00050	.00098	-.00216	-.00112	.00354
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00145	.00535	.00132	.00007	.00136	-.00058	.00000
SDev	.00094	.00492	.00060	.00008	.00077	.00009	.00011
%RSD	64.351	91.895	45.841	118.86	56.791	15.839	3582.0
#1	.00079	.00187	.00175	.00001	.00082	-.00065	-.00007
#2	.00212	.00882	.00089	.00013	.00191	-.00052	.00008
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00102	-.00025
SDev	.00084	.00032
%RSD	82.920	127.14
#1	.00042	-.00048
#2	.00162	-.00003
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2688	--	--	--	--	--	--
SDev	9.015612	--	--	--	--	--	--
%RSD	.3353835	--	--	--	--	--	--
#1	2695	--	--	--	--	--	--
#2	2682	--	--	--	--	--	--

Analysis Report 03/31/06 11:20:21 AM page 1

Method: TRACE2 Sample Name: AD613986/PS Operator: SW
Run Time: 03/31/06 11:15:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.061	.20841	.23765	.26796	.20438	91.054	.20090
SDev	.026	.00198	.00076	.00057	.00030	.100	.00004
%RSD	.25788	.95064	.32192	.21418	.14417	.10963	.02183
#1	10.043	.20981	.23711	.26755	.20418	90.983	.20093
#2	10.079	.20701	.23819	.26837	.20459	91.124	.20087
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19739	.20101	.21427	10.516	13.724	23.151	.48378
SDev	.00052	.00068	.00046	.001	.021	.025	.00034
%RSD	.26273	.33630	.21666	.00970	.15230	.10751	.07091
#1	.19703	.20053	.21394	10.516	13.709	23.133	.48354
#2	.19776	.20148	.21460	10.515	13.739	23.169	.48402
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20312	31.258	.20439	.19929	.20325	.20193	.20386
SDev	.00117	.048	.00046	.00084	.00108	.00044	.00344
%RSD	.57507	.15236	.22685	.42182	.52888	.21644	1.6855
#1	.20229	31.224	.20406	.19869	.20401	.20224	.20629
#2	.20395	31.292	.20472	.19988	.20249	.20162	.20143
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20448	.20414	.20373	.20630	.20794	.20556	.19623
SDev	.00138	.00613	.00209	.00020	.00251	.00036	.00002
%RSD	.67636	3.0019	1.0260	.09702	1.2075	.17685	.01066
#1	.20350	.20847	.20521	.20616	.20616	.20582	.19622
#2	.20545	.19981	.20225	.20644	.20971	.20530	.19625
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20719	.05169
SDev	.00190	.00028
%RSD	.91499	.54337
#1	.20585	.05150
#2	.20853	.05189
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2685	--	--	--	--	--	--
SDev	1.113659	--	--	--	--	--	--
%RSD	.0414799	--	--	--	--	--	--
#1	2684	--	--	--	--	--	--
#2	2686	--	--	--	--	--	--

Analysis Report 03/31/06 11:25:11 AM page 1

Method: TRACE2 Sample Name: AD613987/MS Operator: SW
Run Time: 03/31/06 11:20:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.185	.20785	.23744	.27973	.20439	97.048	.19987
SDev	.001	.00310	.00091	.00226	.00007	.188	.00055
%RSD	.00601	1.4898	.38162	.80674	.03275	.19327	.27612
#1	10.186	.21004	.23808	.27814	.20434	96.915	.19948
#2	10.185	.20566	.23680	.28133	.20443	97.180	.20026
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19935	.19907	.20717	10.338	13.738	23.822	.50025
SDev	.00007	.00006	.00042	.010	.007	.000	.00068
%RSD	.03330	.03095	.20048	.09646	.05220	.00016	.13488
#1	.19940	.19911	.20688	10.345	13.743	23.822	.50073
#2	.19931	.19902	.20746	10.331	13.733	23.822	.49978
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20297	32.501	.20310	.20450	.20632	.20572	.20355
SDev	.00102	.056	.00040	.00000	.00059	.00039	.00183
%RSD	.50463	.17082	.19427	.00162	.28732	.19167	.89971
#1	.20370	32.462	.20283	.20450	.20674	.20600	.20485
#2	.20225	32.540	.20338	.20450	.20591	.20544	.20226
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20884	.20574	.20246	.20857	.20452	.20456	.20454
SDev	.00365	.00145	.00347	.00062	.00420	.00008	.00041
%RSD	1.7467	.70609	1.7156	.29733	2.0528	.03930	.19881
#1	.21142	.20471	.20492	.20813	.20155	.20461	.20425
#2	.20626	.20677	.20001	.20901	.20749	.20450	.20483
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20447	.05254
SDev	.00193	.00016
%RSD	.94562	.30766
#1	.20310	.05243
#2	.20584	.05266
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2703	--	--	--	--	--	--
SDev	21.69054	--	--	--	--	--	--
%RSD	.8024281	--	--	--	--	--	--
#1	2688	--	--	--	--	--	--
#2	2718	--	--	--	--	--	--

Analysis Report 03/31/06 11:30:01 AM page 1

Method: TRACE2 Sample Name: AD613988/SD Operator: SW
Run Time: 03/31/06 11:25:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.328	.21430	.23894	.28657	.20877	96.902	.20394
SDev	.041	.00015	.00009	.00085	.00054	.214	.00047
%RSD	.39573	.06983	.03634	.29521	.25743	.22099	.23147
#1	10.299	.21440	.23888	.28597	.20839	96.751	.20360
#2	10.356	.21419	.23900	.28717	.20915	97.054	.20427
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20347	.20247	.21234	10.506	13.786	23.873	.49886
SDev	.00025	.00082	.00055	.023	.058	.058	.00164
%RSD	.12300	.40497	.26040	.22232	.42077	.24400	.32967
#1	.20330	.20189	.21195	10.490	13.744	23.832	.49769
#2	.20365	.20305	.21273	10.523	13.827	23.915	.50002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20656	32.597	.20823	.20423	.21242	.20969	.21148
SDev	.00259	.027	.00106	.00358	.00196	.00250	.00188
%RSD	1.2527	.08405	.50703	1.7542	.92047	1.1909	.88878
#1	.20473	32.577	.20748	.20676	.21380	.21146	.21015
#2	.20838	32.616	.20898	.20169	.21104	.20793	.21281
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21502	.20781	.21331	.21414	.21197	.20791	.20875
SDev	.00402	.00173	.00369	.00069	.00103	.00111	.00003
%RSD	1.8687	.83393	1.7279	.32074	.48691	.53462	.01189
#1	.21786	.20904	.21071	.21365	.21124	.20712	.20876
#2	.21218	.20659	.21592	.21462	.21270	.20870	.20873
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20393	.05413
SDev	.00022	.00058
%RSD	.10781	1.0741
#1	.20378	.05372
#2	.20409	.05454
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2681	--	--	--	--	--	--
SDev	2.333314	--	--	--	--	--	--
%RSD	.0870404	--	--	--	--	--	--
#1	2682	--	--	--	--	--	--
#2	2679	--	--	--	--	--	--

Analysis Report 03/31/06 11:34:51 AM page 1

Method: TRACE2 Sample Name: A6310701/TOT Operator: SW
Run Time: 03/31/06 11:30:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.3879	.00606	.03388	.05063	.00043	32.056	-.00006
SDev	.5664	.00218	.00141	.00101	.00002	.477	.00009
%RSD	10.512	36.025	4.1620	2.0030	4.4304	1.4881	133.65
#1	4.9874	.00451	.03487	.04992	.00044	32.393	-.00012
#2	5.7884	.00760	.03288	.05135	.00042	31.718	-.00000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00210	.00622	.00161	3.7856	2.8525	14.313	.13144
SDev	.00040	.00029	.00022	.3846	.0803	.166	.00087
%RSD	19.015	4.6041	13.642	10.159	2.8148	1.1579	.66211
#1	.00238	.00602	.00146	3.5137	2.7957	14.430	.13205
#2	.00181	.00642	.00177	4.0576	2.9093	14.196	.13082
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	21.965	.00535	.00314	.00396	.00369	.00660
SDev	.00006	.438	.00012	.00181	.00065	.00017	.00066
%RSD	18.510	1.9939	2.3219	57.645	16.437	4.5709	9.9663
#1	.00029	22.275	.00526	.00186	.00442	.00357	.00614
#2	.00038	21.656	.00544	.00442	.00350	.00381	.00707
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00154	.02301	-.00160	.28617	.00080	.00909	.00942
SDev	.00042	.00198	.00000	.05760	.00053	.00104	.00062
%RSD	27.177	8.5941	.09071	20.128	66.221	11.495	6.6090
#1	-.00125	.02161	-.00160	.24544	.00043	.00835	.00898
#2	-.00184	.02441	-.00160	.32689	.00117	.00983	.00986
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00945	-.00020
SDev	.00021	.00026
%RSD	2.2273	126.34
#1	.00960	-.00039
#2	.00930	-.00002
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2793	--	--	--	--	--	--
SDev	25.45585	--	--	--	--	--	--
%RSD	.9114892	--	--	--	--	--	--
#1	2775	--	--	--	--	--	--
#2	2811	--	--	--	--	--	--

Analysis Report 03/31/06 11:39:41 AM page 1

Method: TRACE2 Sample Name: A6310704/SOL Operator: SW
Run Time: 03/31/06 11:34:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01901	.01102	.05720	.09135	-.00008	63.511	.00008
SDev	.00016	.00243	.00059	.00067	.00002	.485	.00005
%RSD	.86109	22.047	1.0271	.72944	22.740	.76388	62.433
#1	.01913	.00930	.05679	.09088	-.00009	63.168	.00004
#2	.01889	.01274	.05762	.09183	-.00006	63.854	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00898	-.00041	-.00135	.13292	54.107	26.857	11.043
SDev	.00046	.00001	.00030	.00008	.545	.227	.104
%RSD	5.1168	1.6777	22.606	.06000	1.0067	.84405	.94022
#1	.00931	-.00041	-.00113	.13298	53.722	26.696	10.970
#2	.00866	-.00042	-.00156	.13286	54.492	27.017	11.117
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00062	18.588	.03432	.00180	-.00139	-.00033	.01151
SDev	.00025	.011	.00044	.00135	.00017	.00034	.00262
%RSD	40.728	.05874	1.2846	74.933	12.135	103.22	22.761
#1	.00080	18.580	.03400	.00085	-.00127	-.00056	.00966
#2	.00044	18.596	.03463	.00275	-.00151	-.00009	.01336
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00525	.02817	.00318	.00026	-.00788	.00173	.00094
SDev	.00328	.00504	.00141	.00022	.00069	.00034	.00048
%RSD	62.530	17.888	44.381	86.172	8.6959	19.730	51.281
#1	-.00293	.02461	.00218	.00010	-.00836	.00198	.00128
#2	-.00758	.03174	.00417	.00042	-.00739	.00149	.00060
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.01681	.00035
SDev	.00034	.00039
%RSD	2.0083	111.31
#1	.01705	.00062
#2	.01658	.00007
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2817	--	--	--	--	--	--
SDev	15.06124	--	--	--	--	--	--
%RSD	.5346836	--	--	--	--	--	--
#1	2828	--	--	--	--	--	--
#2	2806	--	--	--	--	--	--

Analysis Report QC Standard 03/31/06 11:45:50 AM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 03/31/06 11:41:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.362	.49744	.46509	.51413	.50401	25.466	.49177
SDev	.154	.00157	.00278	.00445	.00231	.162	.00286
%RSD	.60551	.31649	.59695	.86526	.45936	.63706	.58155
#1	25.254	.49632	.46313	.51099	.50237	25.351	.48975
#2	25.471	.49855	.46706	.51728	.50564	25.581	.49380
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49097	.49295	.53259	24.624	24.783	24.960	.49917
SDev	.00127	.00143	.00413	.083	.068	.099	.00151
%RSD	.25757	.29010	.77500	.33586	.27606	.39716	.30201
#1	.49007	.49194	.52967	24.565	24.735	24.890	.49810
#2	.49186	.49396	.53551	24.682	24.832	25.031	.50023
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49991	25.354	.50635	.49546	.50519	.50195	.49935
SDev	.00468	.052	.00189	.00087	.00613	.00380	.00018
%RSD	.93617	.20568	.37390	.17561	1.2135	.75692	.03587
#1	.49660	25.391	.50501	.49607	.50085	.49926	.49922
#2	.50322	25.317	.50769	.49484	.50952	.50464	.49947
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51446	.49635	.50085	.52814	.51000	.50543	.49038
SDev	.00437	.00620	.00337	.00337	.00428	.00227	.00270
%RSD	.84925	1.2490	.67250	.63830	.83944	.44862	.54979
#1	.51137	.50073	.49847	.52576	.50698	.50382	.48847
#2	.51755	.49197	.50323	.53053	.51303	.50703	.49229
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.49605	.50998
SDev	.00395	.00210
%RSD	.79686	.41135
#1	.49325	.50850
#2	.49884	.51147
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2679	--	--	--	--	--	--
SDev	6.204793	--	--	--	--	--	--
%RSD	.2315664	--	--	--	--	--	--
#1	2675	--	--	--	--	--	--
#2	2684	--	--	--	--	--	--

Analysis Report Blank Sample 03/31/06 11:50:41 AM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 03/31/06 11:45:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03185	.00163	.00101	.00009	.00012	.01221	-.00001
SDev	.00155	.00108	.00057	.00012	.00004	.00173	.00014
%RSD	4.8670	66.715	56.492	122.02	34.964	14.160	1685.3
#1	.03075	.00239	.00061	.00001	.00009	.01098	-.00011
#2	.03294	.00086	.00142	.00018	.00015	.01343	.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00016	-.00002	-.00208	.01061	.00609	.02200	.00023
SDev	.00030	.00006	.00010	.00582	.00209	.00430	.00010
%RSD	191.48	287.75	4.7797	54.872	34.288	19.564	44.041
#1	.00037	-.00006	-.00215	.00650	.00757	.01896	.00016
#2	-.00006	.00002	-.00201	.01473	.00462	.02504	.00030
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00179	.12053	.00015	.00050	-.00039	-.00009	.00020
SDev	.00037	.13641	.00042	.00390	.00007	.00125	.00486
%RSD	20.758	113.17	281.86	783.85	18.088	1352.5	2470.3
#1	.00153	.21699	.00044	.00325	-.00044	.00079	-.00324
#2	.00205	.02407	-.00015	-.00226	-.00034	-.00098	.00363
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00103	-.00162	.00110	.00030	.00439	-.00006	-.00030
SDev	.00132	.00813	.00322	.00012	.00177	.00009	.00010
%RSD	128.78	503.27	292.26	41.234	40.373	153.46	33.006
#1	-.00196	-.00737	-.00118	.00021	.00314	-.00013	-.00023
#2	-.00009	.00414	.00338	.00039	.00565	.00001	-.00037
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00167	-.00011
SDev	.00025	.00051
%RSD	14.852	453.41
#1	.00185	.00025
#2	.00150	-.00047
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2722	--	--	--	--	--	--
SDev	14.58408	--	--	--	--	--	--
%RSD	.5357386	--	--	--	--	--	--
#1	2733	--	--	--	--	--	--
#2	2712	--	--	--	--	--	--

Analysis Report 03/31/06 11:55:31 AM page 1

Method: TRACE2 Sample Name: A6310706/SOL Operator: SW
Run Time: 03/31/06 11:50:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01117	.00262	.02727	.01510	-.00005	19.636	-.00007
SDev	.00212	.00105	.00011	.00003	.00001	.070	.00005
%RSD	18.986	39.862	.39078	.19492	13.244	.35591	74.586
#1	.00967	.00188	.02734	.01512	-.00006	19.587	-.00003
#2	.01267	.00336	.02719	.01507	-.00005	19.686	-.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00148	.00034	-.00227	.11322	2.1383	9.3317	.01583
SDev	.00032	.00096	.00003	.00883	.0014	.0466	.00003
%RSD	21.705	280.58	1.1709	7.7974	.06467	.49945	.20442
#1	.00125	.00102	-.00225	.11947	2.1373	9.2988	.01581
#2	.00171	-.00034	-.00229	.10698	2.1392	9.3647	.01586
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00060	15.486	.00220	-.00128	.00131	.00045	.00616
SDev	.00003	.091	.00031	.00050	.00143	.00079	.00118
%RSD	5.5373	.58875	14.051	39.017	109.52	177.14	19.078
#1	.00057	15.551	.00242	-.00093	.00030	-.00011	.00700
#2	.00062	15.422	.00198	-.00164	.00232	.00100	.00533
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00145	.02267	-.00209	-.00063	.00398	-.00027	.00003
SDev	.00102	.00104	.00125	.00000	.00315	.00053	.00040
%RSD	70.246	4.5706	59.641	.21265	79.016	196.94	1341.8
#1	-.00073	.02340	-.00121	-.00063	.00621	-.00064	-.00025
#2	-.00217	.02194	-.00297	-.00063	.00176	.00011	.00031
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00780	-.00013
SDev	.00143	.00042
%RSD	18.325	330.56
#1	.00882	-.00042
#2	.00679	.00017
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2844	--	--	--	--	--	--
SDev	15.90990	--	--	--	--	--	--
%RSD	.5593314	--	--	--	--	--	--
#1	2856	--	--	--	--	--	--
#2	2833	--	--	--	--	--	--

Analysis Report 03/31/06 12:00:21 PM page 1

Method: TRACE2 Sample Name: A6310707/TOT Operator: SW
Run Time: 03/31/06 11:55:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.83953	.00530	.02628	.03615	.00008	19.746	.00019
SDev	.00673	.00086	.00102	.00006	.00002	.077	.00007
%RSD	.80099	16.239	3.8827	.17376	20.101	.39033	37.858
#1	.83478	.00469	.02556	.03610	.00007	19.692	.00024
#2	.84429	.00591	.02700	.03619	.00009	19.801	.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00280	.00130	-.00044	1.1732	3.8337	8.9327	.57214
SDev	.00020	.00007	.00056	.0139	.0285	.0392	.00323
%RSD	7.1685	5.5374	128.36	1.1852	.74305	.43866	.56377
#1	.00295	.00135	-.00004	1.1633	3.8136	8.9050	.56986
#2	.00266	.00125	-.00083	1.1830	3.8539	8.9604	.57442
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00016	17.904	.00284	-.00088	.00120	.00051	.00349
SDev	.00040	.094	.00018	.00012	.00089	.00055	.00527
%RSD	252.12	.52434	6.2023	13.765	74.016	108.88	150.74
#1	-.00012	17.837	.00296	-.00079	.00057	.00012	.00722
#2	.00044	17.970	.00271	-.00097	.00183	.00090	-.00023
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00127	.01616	-.00284	.02669	.00290	.00251	.00187
SDev	.00227	.00557	.00512	.00124	.00088	.00003	.00008
%RSD	179.30	34.437	180.00	4.6610	30.261	1.1172	4.0421
#1	.00034	.02010	.00078	.02757	.00352	.00249	.00193
#2	-.00287	.01223	-.00646	.02581	.00228	.00253	.00182
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00454	-.00040
SDev	.00159	.00019
%RSD	35.032	48.225
#1	.00566	-.00026
#2	.00342	-.00054
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2767	--	--	--	--	--	--
SDev	25.13768	--	--	--	--	--	--
%RSD	.9085143	--	--	--	--	--	--
#1	2785	--	--	--	--	--	--
#2	2749	--	--	--	--	--	--

Analysis Report 03/31/06 12:05:12 PM page 1

Method: TRACE2 Sample Name: AD614383/(1:5) Operator: SW
Run Time: 03/31/06 12:00:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08779	.00199	.04756	.03437	.00009	25.603	-.00012
SDev	.00080	.00069	.00006	.00011	.00002	.027	.00007
%RSD	.90924	34.561	.13552	.32401	18.015	.10510	53.943
#1	.08836	.00248	.04752	.03445	.00008	25.622	-.00008
#2	.08723	.00151	.04761	.03430	.00010	25.584	-.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	.00003	-.00122	.13263	1.2627	4.0230	.09372
SDev	.00038	.00016	.00015	.00285	.0090	.0109	.00002
%RSD	111.72	534.35	12.337	2.1503	.70974	.27128	.02277
#1	.00061	.00014	-.00132	.13061	1.2690	4.0307	.09371
#2	.00007	-.00008	-.00111	.13464	1.2563	4.0153	.09374
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00072	122.89	-.00040	.00532	.00132	.00265	.00388
SDev	.00000	.30	.00014	.00071	.00206	.00161	.00181
%RSD	.42056	.24143	35.373	13.273	156.04	60.672	46.729
#1	.00072	122.68	-.00050	.00582	.00278	.00379	.00260
#2	.00072	123.10	-.00030	.00482	-.00014	.00152	.00517
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00035	.00871	.00147	.00272	.00271	.00101	.00171
SDev	.00107	.00459	.00043	.00064	.00109	.00009	.00021
%RSD	308.61	52.657	29.191	23.637	40.311	8.9375	12.560
#1	-.00111	.00547	.00117	.00318	.00348	.00107	.00156
#2	.00041	.01195	.00178	.00227	.00194	.00094	.00186
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00356	.00025
SDev	.00052	.00054
%RSD	14.665	213.00
#1	.00393	.00063
#2	.00319	-.00013
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2656	--	--	--	--	--	--
SDev	6.363961	--	--	--	--	--	--
%RSD	.2395619	--	--	--	--	--	--
#1	2661	--	--	--	--	--	--
#2	2652	--	--	--	--	--	--

Analysis Report 03/31/06 12:10:02 PM page 1

Method: TRACE2 Sample Name: ~~AD613841/PB~~ TWS 3/31/06 Operator: SW
Run Time: 03/31/06 12:05:15 AD614253 1(1:5)
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06223	H.01976	H2.4481	H.05659	.00011	H36.930	-.00022
SDev	.00536	.00052	.0060	.00054	.00002	.207	.00011
%RSD	8.6049	2.6231	.24457	.95272	16.300	.56117	49.551
#1	.05844	H.01940	H2.4439	H.05621	.00010	H36.783	-.00029
#2	.06601	H.02013	H2.4524	H.05697	.00013	H37.076	-.00014
Errors	LC Pass	LC High	LC High	LC High	LC Pass	LC High	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H.00428	H.01773	H.02811	H.59665	H108.40	H23.468	H.18388
SDev	.00023	.00023	.00035	.00881	.19	.069	.00046
%RSD	5.3670	1.2746	1.2564	1.4763	.17562	.29243	.24830
#1	H.00412	H.01789	H.02786	H.59042	H108.26	H23.419	H.18355
#2	H.00444	H.01757	H.02836	H.60288	H108.53	H23.517	H.18420
Errors	LC High	LC High	LC High	LC High	LC High	LC High	LC High
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00171	H232.88	H.01393	-.00047	-.00049	-.00048	.00341
SDev	.00085	.76	.00023	.00036	.00031	.00009	.00462
%RSD	49.839	.32488	1.6409	75.667	62.496	17.862	135.43
#1	.00232	H232.35	H.01377	-.00022	-.00071	-.00055	.00014
#2	.00111	H233.42	H.01410	-.00072	-.00027	-.00042	.00668
Errors	LC Pass	LC High	LC High	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00059	.00952	.00036	H.01858	.00208	H.01679	.01768
SDev	.00223	.00513	.00437	.00004	.00233	.00046	.00043
%RSD	375.79	53.925	1219.3	.19408	111.99	2.7367	2.4307
#1	.00098	.00589	-.00273	H.01856	.00372	H.01712	.01738
#2	-.00217	.01315	.00345	H.01861	.00043	H.01647	.01798
Errors	LC Pass	NOCHECK	NOCHECK	LC High	LC Pass	LC High	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00591	-.00017
SDev	.00120	.00095
%RSD	20.272	573.40
#1	.00676	.00051
#2	.00507	-.00084
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2655	--	--	--	--	--	--
SDev	1.590990	--	--	--	--	--	--
%RSD	.0599311	--	--	--	--	--	--
#1	2656	--	--	--	--	--	--
#2	2654	--	--	--	--	--	--

Analysis Report 03/31/06 12:14:52 PM page 1

Method: TRACE2 Sample Name: ~~AD613840/FB~~ TWS 3/31/06 Operator: SW
Run Time: 03/31/06 12:10:05 AD614254/(1:5)
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L.08220	L.00506	H1.7096	L.03822	L.00014	H22.932	L-.00004
SDev	.00336	.00038	.0067	.00017	.00001	.023	.00018
%RSD	4.0849	7.4051	.39276	.44645	8.2463	.09942	500.27
#1	L.07983	L.00479	H1.7049	L.03810	L.00013	H22.915	L.00009
#2	L.08457	L.00532	H1.7144	L.03834	L.00015	H22.948	L-.00016
Errors	LC Low	LC Low	LC High	LC Low	LC Low	LC High	LC Low
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L.00818	L.01530	H.38939	L2.0378	H135.59	H35.785	L.06384
SDev	.00017	.00027	.00086	.0067	.28	.017	.00015
%RSD	2.1429	1.7579	.22110	.33116	.20563	.04751	.23869
#1	L.00830	L.01511	H.38878	L2.0426	H135.39	H35.773	L.06395
#2	L.00805	L.01549	H.39000	L2.0331	H135.79	H35.797	L.06374
Errors	LC Low	LC Low	LC High	LC Low	LC High	LC High	LC Low
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L.00174	H318.08	L.03906	.00185	.00371	L.00309	L.00113
SDev	.00015	.67	.00016	.00326	.00146	.00011	.00006
%RSD	8.7465	.21081	.40064	176.59	39.502	3.5584	5.0245
#1	L.00163	H317.61	L.03917	.00416	.00267	L.00317	L.00117
#2	L.00184	H318.56	L.03895	-.00046	.00474	L.00301	L.00109
Errors	LC Low	LC High	LC Low	NOCHECK	NOCHECK	LC Low	LC Low
High	.23000	11.500	.23000			.23000	.23000
Low	.17000	8.5000	.17000			.17000	.17000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L.00088	.00073	.00132	L.01876	L.00172	L.01299	L.06651
SDev	.00020	.00102	.00042	.00012	.00202	.00053	.00017
%RSD	22.582	138.69	31.911	.65761	117.37	4.1209	.26237
#1	L.00074	.00145	.00103	L.01885	L.00029	L.01337	L.06664
#2	L.00102	.00001	.00162	L.01867	L.00315	L.01261	L.06639
Errors	LC Low	NOCHECK	NOCHECK	LC Low	LC Low	LC Low	LC Low
High	.23000			.23000	.23000	.23000	.23000
Low	.17000			.17000	.17000	.17000	.17000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	L.00563	L-.00040
SDev	.00093	.00049
%RSD	16.595	123.03
#1	L.00629	L-.00005
#2	L.00497	L-.00074

Errors	LC Low	LC Low
High	.23000	.05750
Low	.17000	.04250

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2652	--	--	--	--	--	--
SDev	5.515468	--	--	--	--	--	--
%RSD	.2080033	--	--	--	--	--	--
#1	2656	--	--	--	--	--	--
#2	2648	--	--	--	--	--	--

Analysis Report 03/31/06 12:19:41 PM page 1

Method: TRACE2 Sample Name: ~~AD614252/PB~~ TWS 3/31/06 Operator: SW
Run Time: 03/31/06 12:14:55 AD614255/(1:5)
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07551	H.01036	H1.9629	H.04829	.00011	H25.867	.00002
SDev	.00227	.00141	.0019	.00001	.00001	.035	.00000
%RSD	3.0040	13.636	.09620	.02968	9.1680	.13593	.46326
#1	.07712	.00936	H1.9616	H.04830	.00011	H25.842	.00002
#2	.07391	H.01136	H1.9643	H.04828	.00012	H25.892	.00002
Errors	LC Pass	LC High	LC High	LC High	LC Pass	LC High	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H.00774	H.02611	.00045	H2.0717	H165.35	H41.140	H.08707
SDev	.00000	.00033	.00014	.0039	.09	.075	.00028
%RSD	.05085	1.2523	30.450	.18609	.05524	.18312	.32088
#1	H.00773	H.02588	.00036	H2.0690	H165.28	H41.087	H.08687
#2	H.00774	H.02634	.00055	H2.0744	H165.41	H41.194	H.08727
Errors	LC High	LC High	LC Pass	LC High	LC High	LC High	LC High
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00326	H364.94	H.03349	.00222	-.00126	-.00010	.00504
SDev	.00190	.44	.00017	.00121	.00010	.00047	.00522
%RSD	58.223	.11930	.50473	54.668	8.2722	480.67	103.55
#1	.00192	H365.24	H.03337	.00136	-.00133	-.00043	.00874
#2	.00461	H364.63	H.03361	.00308	-.00118	.00024	.00135
Errors	LC Pass	LC High	LC High	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00081	.01327	.00093	H.02928	-.00113	H.01912	.01573
SDev	.00131	.00041	.00763	.00020	.00097	.00027	.00032
%RSD	161.38	3.0878	818.30	.69982	85.531	1.4015	2.0538
#1	-.00011	.01356	.00633	H.02914	-.00182	H.01931	.01550
#2	.00174	.01298	-.00446	H.02943	-.00045	H.01893	.01595
Errors	LC Pass	NOCHECK	NOCHECK	LC High	LC Pass	LC High	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00827	.00001
SDev	.00058	.00059
%RSD	6.9771	4812.1
#1	.00787	-.00041
#2	.00868	.00043
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2659	--	--	--	--	--	--
SDev	1.697160	--	--	--	--	--	--
%RSD	.0638330	--	--	--	--	--	--
#1	2660	--	--	--	--	--	--
#2	2658	--	--	--	--	--	--

Analysis Report 03/31/06 12:24:31 PM page 1

Method: TRACE2 Sample Name: ~~AD614251/FB~~ AD614256/(135) Operator: SW
Run Time: 03/31/06 12:19:45 TWS 3/31/06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L.03595	L.00594	H.96853	L.04528	L.00010	H34.752	L-.00014
SDev	.00235	.00228	.00041	.00003	.00001	.015	.00002
%RSD	6.5328	38.379	.04241	.07265	6.6588	.04209	13.487
#1	L.03429	L.00433	H.96824	L.04525	L.00010	H34.741	L-.00015
#2	L.03761	L.00755	H.96882	L.04530	L.00009	H34.762	L-.00012
Errors	LC Low	LC Low	LC High	LC Low	LC Low	LC High	LC Low
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L.00338	L.00827	L.00690	L5.2901	H78.969	H19.037	L.08470
SDev	.00008	.00013	.00004	.0256	.117	.041	.00021
%RSD	2.3608	1.5939	.54380	.48466	.14835	.21434	.24773
#1	L.00344	L.00817	L.00687	L5.2720	H78.886	H19.008	L.08455
#2	L.00332	L.00836	L.00692	L5.3083	H79.052	H19.066	L.08484
Errors	LC Low	LC Low	LC Low	LC Low	LC High	LC High	LC Low
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L.00063	H178.69	L.01389	.00022	.00012	L.00015	L.00007
SDev	.00009	.43	.00002	.00110	.00291	.00157	.00376
%RSD	13.752	.24233	.16086	505.66	2420.1	1032.9	5731.5
#1	L.00057	H178.38	L.01387	.00099	-.00194	L-.00096	L.00273
#2	L.00069	H179.00	L.01390	-.00056	.00218	L.00126	L-.00259
Errors	LC Low	LC High	LC Low	NOCHECK	NOCHECK	LC Low	LC Low
High	.23000	11.500	.23000			.23000	.23000
Low	.17000	8.5000	.17000			.17000	.17000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L.00221	.00230	-.00105	L.00618	L.00470	L.00492	L.02093
SDev	.00089	.00558	.00285	.00001	.00572	.00036	.00004
%RSD	40.120	242.15	271.05	.21813	121.77	7.3768	.18239
#1	L.00158	.00625	.00097	L.00617	L.00065	L.00467	L.02096
#2	L.00284	-.00164	-.00307	L.00619	L.00874	L.00518	L.02090
Errors	LC Low	NOCHECK	NOCHECK	LC Low	LC Low	LC Low	LC Low
High	.23000			.23000	.23000	.23000	.23000
Low	.17000			.17000	.17000	.17000	.17000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	L.00424	L.00028
SDev	.00026	.00029
%RSD	6.2436	103.07
#1	L.00405	L.00048
#2	L.00443	L.00008

Errors	LC Low	LC Low
High	.23000	.05750
Low	.17000	.04250

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2666	--	--	--	--	--	--
SDev	4.878968	--	--	--	--	--	--
%RSD	.1830053	--	--	--	--	--	--
#1	2663	--	--	--	--	--	--
#2	2669	--	--	--	--	--	--

Analysis Report Blank Sample 03/31/06 12:33:02 PM page 1

Method: TRACE2 Sample Name: CRI Operator: SW
Run Time: 03/31/06 12:28:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20657	.01074	.05264	.00213	.00204	.47904	.00085
SDev	.00337	.00103	.00052	.00011	.00001	.00252	.00009
%RSD	1.6332	9.5467	.97776	5.2613	.65161	.52594	10.423
#1	.20418	.01147	.05228	.00205	.00203	.47726	.00091
#2	.20895	.01002	.05301	.00221	.00205	.48082	.00079
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.07500	.00300	.00300	.75000	.00150
Low	.10000	.00500	.02500	.00100	.00100	.25000	.00050

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00400	.00381	.00835	.05068	.44693	.20118	.00304
SDev	.00030	.00014	.00060	.00090	.00450	.00027	.00006
%RSD	7.3893	3.6873	7.1681	1.7693	1.0065	.13426	2.1124
#1	.00379	.00371	.00792	.05132	.44374	.20137	.00309
#2	.00421	.00391	.00877	.05005	.45011	.20099	.00300
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01027	1.0237	.00979	.00634	.00429	.00497	.01930
SDev	.00012	.0431	.00032	.00031	.00092	.00051	.00007
%RSD	1.1246	4.2105	3.2472	4.8874	21.439	10.256	.35599
#1	.01035	1.0542	.00956	.00656	.00364	.00461	.01925
#2	.01018	.99320	.01001	.00613	.00494	.00533	.01935
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01500	1.5000	.01500			.00750	.02250
Low	.00500	.50000	.00500			.00250	.00750

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01910	.02664	.01563	.00539	.02071	.00465	.01935
SDev	.00472	.00262	.00142	.00001	.00260	.00010	.00028
%RSD	24.693	9.8504	9.0543	.17479	12.544	2.1303	1.4616
#1	.01577	.02850	.01463	.00539	.02255	.00472	.01915
#2	.02244	.02479	.01663	.00538	.01887	.00458	.01955
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.03000			.00750	.03000	.00750	.03000
Low	.01000			.00250	.01000	.00250	.01000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00986	.00291
SDev	.00035	.00049
%RSD	3.5252	16.944
#1	.00961	.00256
#2	.01010	.00325
Errors	LC Pass	LC Pass
High	.01500	.00450
Low	.00500	.00150

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2695	--	--	--	--	--	--
SDev	3.447145	--	--	--	--	--	--
%RSD	.1279261	--	--	--	--	--	--
#1	2692	--	--	--	--	--	--
#2	2697	--	--	--	--	--	--

Analysis Report QC Standard 03/31/06 12:37:52 PM page 1

Method: TRACE2 Sample Name: ICSA Operator: SW
Run Time: 03/31/06 12:33:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	526.19	.00610	.01278	.01319	.00147	561.18	-.00027
SDev	2.16	.00122	.00201	.00021	.00003	3.99	.00030
%RSD	.40994	19.960	15.761	1.5584	1.6759	.71058	107.89
#1	524.67	.00524	.01135	.01305	.00146	558.36	-.00007
#2	527.72	.00697	.01420	.01334	.00149	564.00	-.00048
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value	500.00					500.00	
Range	100.00					100.00	

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00101	-.01355	-.00136	190.88	-.00065	518.03	.00028
SDev	.00045	.00032	.00034	.32	.01180	1.03	.00005
%RSD	44.094	2.3460	24.673	.16537	1812.4	.19849	15.813
#1	.00070	-.01377	-.00113	190.66	.00769	517.30	.00025
#2	.00133	-.01332	-.00160	191.10	-.00899	518.75	.00031
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK	QC Pass	NOCHECK
Value				200.00		500.00	
Range				40.000		100.00	

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00213	.02624	-.00061	.03876	-.02132	-.00131	-.00109
SDev	.00140	.22771	.00076	.00577	.00371	.00055	.00185
%RSD	65.689	867.67	123.96	14.897	17.385	41.867	169.65
#1	.00312	.18726	-.00115	.04284	-.02394	-.00170	-.00239
#2	.00114	-.13477	-.00008	.03468	-.01870	-.00092	.00022
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00273	-.00061	-.00133	.00094	-.00076	-.00104	.00034
SDev	.00238	.00211	.00382	.00003	.00194	.00050	.00067
%RSD	87.417	348.27	287.84	2.9037	257.30	48.366	198.62
#1	.00441	.00089	-.00403	.00093	.00062	-.00140	-.00014
#2	.00104	-.00210	.00138	.00096	-.00213	-.00069	.00081
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00663	-.00006
SDev	.00341	.00035
%RSD	51.441	586.78
#1	.00905	.00019
#2	.00422	-.00030
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2480	--	--	--	--	--	--
SDev	5.992626	--	--	--	--	--	--
%RSD	.2416248	--	--	--	--	--	--
#1	2484	--	--	--	--	--	--
#2	2476	--	--	--	--	--	--

Analysis Report QC Standard 03/31/06 12:42:42 PM page 1

Method: TRACE2 Sample Name: ICSAB Operator: SW
Run Time: 03/31/06 12:37:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	530.92	.11084	.02388	.57470	.50583	573.30	.97741
SDev	.17	.00201	.00086	.00084	.00081	.83	.00039
%RSD	.03294	1.8138	3.6195	.14555	.15914	.14560	.04031
#1	530.79	.11226	.02327	.57529	.50640	573.90	.97769
#2	531.04	.10942	.02449	.57411	.50526	572.71	.97713
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48571	.47534	.56969	94.637	-.01040	483.54	.48409
SDev	.00160	.00042	.00031	.115	.00802	.27	.00056
%RSD	.32910	.08833	.05501	.12172	77.096	.05660	.11574
#1	.48684	.47563	.56991	94.718	-.00473	483.73	.48449
#2	.48458	.47504	.56947	94.555	-.01608	483.34	.48369
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00020	-.01040	.94824	.08429	.03435	.05098	.05535
SDev	.00080	.10276	.00196	.00220	.00278	.00112	.00047
%RSD	398.24	987.78	.20665	2.6068	8.0916	2.2015	.85767
#1	-.00077	.06226	.94962	.08584	.03239	.05019	.05569
#2	.00037	-.08306	.94685	.08273	.03632	.05177	.05501
Errors	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value			1.0000			.05000	.05000
Range			.20000			.01000	.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.64345	.05466	.05570	.00120	.10916	.51054	.93334
SDev	.00940	.00008	.00075	.00001	.00349	.00025	.00119
%RSD	1.4606	.15175	1.3530	1.1479	3.1960	.04825	.12724
#1	.63680	.05460	.05623	.00121	.10669	.51071	.93418
#2	.65009	.05472	.05516	.00119	.11162	.51037	.93250
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.60000				.10000	.50000	1.0000
Range	.12000				.02000	.10000	.20000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00688	.22559
SDev	.00146	.00005
%RSD	21.175	.02213
#1	.00790	.22562
#2	.00585	.22555
Errors	NOCHECK	QC Pass
Value		.20000
Range		.04000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2493	--	--	--	--	--	--
SDev	10.92477	--	--	--	--	--	--
%RSD	.4381517	--	--	--	--	--	--
#1	2486	--	--	--	--	--	--
#2	2501	--	--	--	--	--	--

Analysis Report QC Standard 03/31/06 12:48:51 PM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 03/31/06 12:44:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.601	.50312	.46739	.52969	.50728	25.777	.49214
SDev	.023	.00216	.00194	.00146	.00075	.009	.00063
%RSD	.09140	.42889	.41406	.27630	.14810	.03372	.12810
#1	25.584	.50160	.46876	.53073	.50781	25.783	.49258
#2	25.617	.50465	.46602	.52866	.50674	25.771	.49169
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48936	.49166	.54102	24.548	24.974	24.817	.49816
SDev	.00049	.00011	.00097	.013	.039	.033	.00028
%RSD	.09915	.02324	.17986	.05271	.15808	.13419	.05584
#1	.48971	.49158	.54171	24.557	25.002	24.793	.49836
#2	.48902	.49174	.54033	24.539	24.946	24.841	.49796
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50032	25.564	.50999	.48836	.51117	.50358	.50296
SDev	.00037	.005	.00190	.00065	.00202	.00157	.00161
%RSD	.07415	.02110	.37273	.13406	.39545	.31104	.32062
#1	.50006	25.567	.51134	.48882	.51260	.50468	.50410
#2	.50058	25.560	.50865	.48790	.50974	.50247	.50182
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51694	.48446	.51222	.53684	.51413	.50819	.49098
SDev	.00055	.00401	.00442	.00086	.00435	.00024	.00041
%RSD	.10612	.82692	.86330	.15959	.84691	.04721	.08276
#1	.51733	.48163	.51535	.53745	.51105	.50836	.49127
#2	.51655	.48730	.50909	.53624	.51721	.50802	.49069
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.49467	.51751
SDev	.00578	.00224
%RSD	1.1688	.43212
#1	.49058	.51909
#2	.49876	.51592
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2662	--	--	--	--	--	--
SDev	6.151794	--	--	--	--	--	--
%RSD	.2311119	--	--	--	--	--	--
#1	2657	--	--	--	--	--	--
#2	2666	--	--	--	--	--	--

Analysis Report Blank Sample 03/31/06 12:53:42 PM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 03/31/06 12:48:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04263	.00216	.00264	.00002	.00013	.02342	.00002
SDev	.01097	.00227	.00005	.00001	.00003	.00928	.00003
%RSD	25.724	105.10	1.9645	32.977	19.390	39.600	119.33
#1	.03488	.00056	.00267	.00002	.00012	.01686	.00000
#2	.05039	.00377	.00260	.00003	.00015	.02998	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	.00006	-.00214	.00788	.00580	.03415	.00007
SDev	.00022	.00013	.00029	.01347	.00572	.01137	.00010
%RSD	1067.9	238.71	13.539	171.05	98.659	33.285	155.55
#1	-.00018	-.00004	-.00234	-.00165	.00984	.02611	-.00001
#2	.00014	.00015	-.00193	.01740	.00175	.04219	.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00126	-.01536	-.00022	-.00125	.00035	-.00018	-.00010
SDev	.00033	.11690	.00060	.00050	.00120	.00063	.00012
%RSD	26.074	761.10	270.45	40.027	338.20	352.32	125.82
#1	.00103	.06730	.00020	-.00160	.00120	.00027	-.00001
#2	.00150	-.09802	-.00064	-.00090	-.00049	-.00063	-.00018
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00075	.00346	-.00187	.00020	.00169	-.00025	.00022
SDev	.00418	.00492	.00228	.00008	.00242	.00000	.00001
%RSD	555.31	142.31	121.80	40.615	143.07	.37626	2.0572
#1	-.00220	.00694	-.00349	.00026	-.00002	-.00025	.00022
#2	.00371	-.00002	-.00026	.00014	.00341	-.00025	.00023
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00384	-.00003
SDev	.00013	.00007
%RSD	3.2922	279.20
#1	.00375	-.00008
#2	.00393	.00002
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2670	--	--	--	--	--	--
SDev	10.71277	--	--	--	--	--	--
%RSD	.4012725	--	--	--	--	--	--
#1	2677	--	--	--	--	--	--
#2	2662	--	--	--	--	--	--

Analysis Report 03/31/06 01:15:36 PM page 1

Method: TRACE2 Sample Name: AD614257/(1:5) Operator: SW
Run Time: 03/31/06 13:10:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12391	.01622	2.3626	.06022	.00014	37.146	-.00012
SDev	.00297	.00239	.0047	.00014	.00001	.040	.00003
%RSD	2.3951	14.718	.19834	.22757	5.3976	.10664	27.554
#1	.12181	.01453	2.3593	.06031	.00014	37.118	-.00014
#2	.12601	.01791	2.3660	.06012	.00015	37.174	-.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00796	.03099	.01857	2.4419	188.36	50.793	.22517
SDev	.00062	.00014	.00026	.0220	.29	.033	.00055
%RSD	7.7333	.44115	1.4053	.90290	.15134	.06497	.24202
#1	.00752	.03090	.01838	2.4263	188.16	50.770	.22479
#2	.00840	.03109	.01875	2.4575	188.56	50.816	.22556
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00441	402.54	.04026	.00064	-.00000	.00021	.00476
SDev	.00009	.24	.00025	.00191	.00111	.00138	.00370
%RSD	2.1234	.06000	.61154	297.10	28969.	652.01	77.678
#1	.00434	402.37	.04008	.00199	.00078	.00118	.00737
#2	.00448	402.71	.04043	-.00071	-.00079	-.00076	.00215
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00018	.00825	.00301	.03436	.00236	.02396	.03851
SDev	.00040	.00753	.00178	.00015	.00259	.00012	.00004
%RSD	217.14	91.243	59.116	.43074	110.02	.49909	.11048
#1	.00010	.01357	.00427	.03425	.00419	.02387	.03848
#2	-.00046	.00293	.00175	.03446	.00052	.02404	.03854
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00624	-.00027
SDev	.00151	.00009
%RSD	24.225	33.700
#1	.00731	-.00020
#2	.00517	-.00033
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2650	--	--	--	--	--	--
SDev	2.810646	--	--	--	--	--	--
%RSD	.1060466	--	--	--	--	--	--
#1	2652	--	--	--	--	--	--
#2	2648	--	--	--	--	--	--

Analysis Report 03/31/06 01:23:06 PM page 1

Method: TRACE2 Sample Name: AD614259/(1:5) Operator: SW
Run Time: 03/31/06 13:18:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07167	.01537	1.2915	.04426	.00009	35.607	-.00025
SDev	.00330	.00065	.0038	.00011	.00002	.091	.00000
%RSD	4.6061	4.2556	.29710	.24811	18.719	.25482	.42295
#1	.07400	.01583	1.2888	.04418	.00008	35.543	-.00025
#2	.06933	.01491	1.2942	.04434	.00010	35.671	-.00025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00627	.01420	.01868	4.3501	92.143	23.727	.32756
SDev	.00047	.00007	.00052	.0080	.225	.058	.00090
%RSD	7.4811	.47457	2.8101	.18411	.24396	.24324	.27427
#1	.00594	.01415	.01905	4.3444	91.984	23.686	.32692
#2	.00661	.01425	.01831	4.3558	92.302	23.768	.32819
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00145	208.14	.01953	.00071	.00094	.00086	.00227
SDev	.00063	.28	.00052	.00166	.00221	.00092	.00063
%RSD	43.391	.13418	2.6553	234.86	236.07	107.06	27.851
#1	.00189	207.94	.01990	.00188	-.00063	.00021	.00272
#2	.00100	208.34	.01917	-.00047	.00250	.00151	.00183
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00369	.00535	.00074	.01396	.00352	.01028	.04690
SDev	.00319	.00187	.00002	.00014	.00278	.00016	.00023
%RSD	86.362	34.876	2.2707	.99512	78.905	1.5537	.48885
#1	.00594	.00667	.00075	.01405	.00156	.01039	.04674
#2	.00144	.00403	.00072	.01386	.00549	.01016	.04706
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00596	-.00027
SDev	.00097	.00016
%RSD	16.196	60.724
#1	.00528	-.00015
#2	.00664	-.00038
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2655	--	--	--	--	--	--
SDev	6.947290	--	--	--	--	--	--
%RSD	.2617088	--	--	--	--	--	--
#1	2660	--	--	--	--	--	--
#2	2650	--	--	--	--	--	--

Analysis Report 03/31/06 01:27:56 PM page 1

Method: TRACE2 Sample Name: AD614288/(1:5) Operator: SW
Run Time: 03/31/06 13:23:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02109	.00086	.07856	.19371	.00008	10.351	-.00019
SDev	.00013	.00080	.00077	.00180	.00000	.055	.00004
%RSD	.59064	93.732	.98673	.92701	2.6099	.52835	21.323
#1	.02100	.00143	.07911	.19244	.00008	10.312	-.00016
#2	.02117	.00029	.07801	.19498	.00008	10.389	-.00021
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00001	-.00000	-.00198	.01089	1.1962	2.4469	.00383
SDev	.00023	.00061	.00010	.00084	.0034	.0069	.00008
%RSD	4398.9	13746.	4.8288	7.6903	.28250	.28029	2.1919
#1	-.00016	-.00043	-.00205	.01030	1.1986	2.4420	.00389
#2	.00017	.00042	-.00191	.01149	1.1938	2.4517	.00377
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00098	184.81	-.00020	.00304	-.00082	.00046	.00352
SDev	.00032	1.44	.00033	.00157	.00101	.00015	.00020
%RSD	33.147	.77666	164.56	51.725	122.32	32.461	5.5635
#1	.00121	183.79	.00003	.00415	-.00154	.00036	.00366
#2	.00075	185.82	-.00043	.00193	-.00011	.00057	.00339
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	.00736	.00160	.00011	.00194	-.00045	.00023
SDev	.00254	.00171	.00056	.00007	.00042	.00009	.00021
%RSD	1300.7	23.208	34.924	68.283	21.496	20.899	90.035
#1	-.00160	.00857	.00121	.00006	.00223	-.00051	.00008
#2	.00199	.00615	.00200	.00016	.00164	-.00038	.00038
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00279	-.00019
SDev	.00021	.00049
%RSD	7.3941	253.52
#1	.00294	-.00054
#2	.00265	.00015
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2652	--	--	--	--	--	--
SDev	1.590990	--	--	--	--	--	--
%RSD	.0599819	--	--	--	--	--	--
#1	2651	--	--	--	--	--	--
#2	2654	--	--	--	--	--	--

Analysis Report 03/31/06 01:32:46 PM page 1

Method: TRACE2 Sample Name: AD614289/(1:5) Operator: SW
Run Time: 03/31/06 13:27:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11591	.00157	.16293	.00296	.00017	44.765	-.00026
SDev	.00343	.00134	.00044	.00004	.00000	.065	.00002
%RSD	2.9577	85.136	.26764	1.3413	.23048	.14568	6.9364
#1	.11834	.00062	.16262	.00293	.00017	44.719	-.00027
#2	.11349	.00251	.16323	.00299	.00017	44.812	-.00025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00045	.00006	-.00151	.07715	2.7260	33.521	.02027
SDev	.00007	.00004	.00028	.00273	.0127	.038	.00011
%RSD	16.726	73.219	18.831	3.5333	.46482	.11216	.53083
#1	.00039	.00009	-.00131	.07523	2.7350	33.494	.02019
#2	.00050	.00003	-.00171	.07908	2.7170	33.547	.02034
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00087	270.14	.00083	.00106	.00002	.00037	.06449
SDev	.00012	1.01	.00008	.00171	.00081	.00003	.00032
%RSD	13.357	.37317	9.6755	160.41	4562.5	7.5910	.48952
#1	.00095	269.43	.00077	.00227	-.00056	.00039	.06427
#2	.00079	270.86	.00089	-.00014	.00059	.00035	.06471
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00048	.06579	.06384	.00194	.00347	.00002	.00061
SDev	.00057	.00220	.00063	.00010	.00197	.00019	.00032
%RSD	119.18	3.3521	.98543	4.8858	56.685	1040.5	51.996
#1	.00088	.06423	.06429	.00188	.00208	-.00012	.00039
#2	.00008	.06735	.06340	.00201	.00486	.00015	.00084
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00340	-.00027
SDev	.00148	.00020
%RSD	43.447	74.002
#1	.00445	-.00013
#2	.00236	-.00041
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2635	--	--	--	--	--	--
SDev	5.939801	--	--	--	--	--	--
%RSD	.2254087	--	--	--	--	--	--
#1	2639	--	--	--	--	--	--
#2	2631	--	--	--	--	--	--

Analysis Report 03/31/06 01:37:36 PM page 1

Method: TRACE2 Sample Name: AD613841/PB Operator: SW
Run Time: 03/31/06 13:32:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02366	.00052	.00396	.00005	.00002	.01066	-.00017
SDev	.00317	.00041	.00062	.00006	.00003	.00063	.00007
%RSD	13.401	79.361	15.745	122.78	162.95	5.8766	40.933
#1	.02591	.00023	.00440	.00001	-.00000	.01110	-.00012
#2	.02142	.00081	.00352	.00009	.00004	.01021	-.00022
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00028	.00006	-.00341	.00543	-.00377	.00339	.00015
SDev	.00049	.00058	.00038	.00502	.00776	.00048	.00002
%RSD	175.30	921.01	11.067	92.450	205.93	14.158	12.772
#1	.00063	.00047	-.00368	.00188	.00172	.00305	.00016
#2	-.00007	-.00035	-.00315	.00898	-.00926	.00373	.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00018	-.02640	.00002	-.00013	-.00085	-.00061	-.00085
SDev	.00012	.03816	.00020	.00052	.00083	.00038	.00139
%RSD	66.172	144.54	1200.8	389.35	97.093	61.664	164.03
#1	.00010	-.05339	.00016	-.00050	-.00027	-.00035	-.00184
#2	.00026	.00058	-.00012	.00023	-.00143	-.00088	.00014
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00136	-.00025	-.00115	-.00008	.00413	-.00006	.00116
SDev	.00154	.00279	.00069	.00010	.00083	.00028	.00011
%RSD	113.44	1112.4	60.450	120.05	20.102	481.01	9.5243
#1	.00027	-.00223	-.00164	-.00001	.00354	.00014	.00108
#2	.00245	.00172	-.00066	-.00015	.00471	-.00025	.00124
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00219	-.00073
SDev	.00002	.00049
%RSD	.80252	67.976
#1	.00218	-.00108
#2	.00220	-.00038

Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2692	--	--	--	--	--	--
SDev	9.705110	--	--	--	--	--	--
%RSD	.3604949	--	--	--	--	--	--
#1	2699	--	--	--	--	--	--
#2	2685	--	--	--	--	--	--

Analysis Report 03/31/06 01:42:26 PM page 1

Method: TRACE2 Sample Name: AD613840/FB Operator: SW
Run Time: 03/31/06 13:37:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.464	.21333	.19735	H.23165	.20914	10.275	.20456
SDev	.024	.00216	.00103	.00004	.00031	.008	.00007
%RSD	.23198	1.0139	.52169	.01573	.14978	.07315	.03667
#1	10.447	.21180	.19662	H.23167	.20892	10.270	.20461
#2	10.482	.21486	.19807	H.23162	.20936	10.280	.20450
Errors	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20349	.20229	.21519	10.028	10.080	10.102	.20024
SDev	.00094	.00054	.00087	.013	.009	.017	.00038
%RSD	.46026	.26873	.40386	.12586	.08694	.16351	.19001
#1	.20282	.20191	.21458	10.019	10.074	10.090	.19997
#2	.20415	.20268	.21581	10.036	10.087	10.114	.20051
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20474	11.089	.20955	.20707	.21613	.21311	.20777
SDev	.00020	.065	.00067	.00135	.00136	.00046	.00338
%RSD	.09805	.58854	.31790	.65125	.62859	.21448	1.6249
#1	.20488	11.043	.20908	.20803	.21517	.21279	.20538
#2	.20460	11.136	.21002	.20612	.21709	.21344	.21016
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.23000	11.500	.23000			.23000	.23000
Low	.17000	8.5000	.17000			.17000	.17000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21344	.20485	.20923	.21736	.21047	.20982	.21393
SDev	.00025	.00126	.00443	.00058	.00320	.00004	.00008
%RSD	.11816	.61399	2.1198	.26639	1.5226	.02037	.03601
#1	.21326	.20396	.20610	.21695	.20821	.20979	.21399
#2	.21362	.20574	.21237	.21777	.21274	.20985	.21388
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000			.23000	.23000	.23000	.23000
Low	.17000			.17000	.17000	.17000	.17000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20218	.05582
SDev	.00309	.00049
%RSD	1.5264	.87691
#1	.20436	.05548
#2	.19999	.05617
Errors	LC Pass	LC Pass
High	.23000	.05750
Low	.17000	.04250

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2673	--	--	--	--	--	--
SDev	2.916815	--	--	--	--	--	--
%RSD	.1091138	--	--	--	--	--	--
#1	2675	--	--	--	--	--	--
#2	2671	--	--	--	--	--	--

Analysis Report 03/31/06 01:47:16 PM page 1

Method: TRACE2 Sample Name: AD614252/PB Operator: SW
Run Time: 03/31/06 13:42:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01629	.00209	.00402	.00003	.00002	.00559	-.00028
SDev	.00064	.00216	.00162	.00012	.00000	.00100	.00001
%RSD	3.9454	103.69	40.247	332.58	6.8295	17.940	2.6375
#1	.01583	.00056	.00516	.00012	.00002	.00629	-.00027
#2	.01674	.00362	.00287	-.00005	.00002	.00488	-.00028
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00009	-.00006	-.00279	.00013	-.00271	.00826	.00016
SDev	.00023	.00018	.00003	.00586	.01051	.00001	.00000
%RSD	250.67	299.68	1.0901	4609.7	387.45	.09165	.07930
#1	.00025	.00007	-.00277	-.00401	.00472	.00826	.00016
#2	-.00007	-.00018	-.00281	.00427	-.01014	.00827	.00016
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00054	.08578	-.00016	.00141	-.00030	.00027	.00263
SDev	.00092	.10761	.00039	.00098	.00052	.00068	.00052
%RSD	169.22	125.45	238.73	69.907	175.05	251.21	19.818
#1	.00119	.16187	.00011	.00071	-.00067	-.00021	.00226
#2	-.00011	.00969	-.00044	.00210	.00007	.00075	.00299
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00217	.00307	.00240	.00004	.00220	-.00025	.00095
SDev	.00132	.00413	.00284	.00015	.00047	.00000	.00000
%RSD	61.107	134.56	118.24	407.07	21.127	.14436	.14174
#1	.00123	.00598	.00039	.00015	.00253	-.00025	.00095
#2	.00310	.00015	.00442	-.00007	.00187	-.00025	.00095
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00104	-.00010
SDev	.00182	.00000
%RSD	173.83	.06222
#1	.00233	-.00010
#2	-.00024	-.00010

Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2681	--	--	--	--	--	--
SDev	1.113831	--	--	--	--	--	--
%RSD	.0415525	--	--	--	--	--	--
#1	2681	--	--	--	--	--	--
#2	2680	--	--	--	--	--	--

Analysis Report 03/31/06 01:52:07 PM page 1

Method: TRACE2 Sample Name: AD614251/FB Operator: SW
Run Time: 03/31/06 13:47:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.151	.20678	.19217	.22167	.20277	9.9253	.19836
SDev	.005	.00146	.00009	.00056	.00011	.0036	.00027
%RSD	.05280	.70530	.04675	.25123	.05263	.03587	.13582
#1	10.147	.20781	.19211	.22206	.20270	9.9228	.19817
#2	10.155	.20575	.19224	.22128	.20285	9.9278	.19855
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19786	.19677	.20862	9.7711	9.8427	9.8248	.19512
SDev	.00011	.00065	.00044	.0024	.0139	.0034	.00029
%RSD	.05604	.33082	.20899	.02449	.14160	.03481	.14704
#1	.19778	.19631	.20893	9.7694	9.8525	9.8224	.19492
#2	.19794	.19723	.20831	9.7728	9.8328	9.8273	.19533
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19845	10.598	.20365	.20040	.20843	.20575	.20236
SDev	.00070	.090	.00019	.00141	.00040	.00074	.00078
%RSD	.35400	.84822	.09292	.70433	.19346	.35916	.38522
#1	.19795	10.662	.20352	.20140	.20871	.20628	.20292
#2	.19894	10.535	.20379	.19940	.20814	.20523	.20181
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.23000	11.500	.23000			.23000	.23000
Low	.17000	8.5000	.17000			.17000	.17000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20558	.19807	.20451	.20994	.20254	.20378	.20276
SDev	.00044	.00287	.00027	.00003	.00048	.00057	.00017
%RSD	.21586	1.4506	.13068	.01663	.23551	.28130	.08166
#1	.20589	.20010	.20433	.20991	.20220	.20337	.20265
#2	.20526	.19604	.20470	.20996	.20287	.20419	.20288
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000			.23000	.23000	.23000	.23000
Low	.17000			.17000	.17000	.17000	.17000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.19925	.05278
SDev	.00029	.00021
%RSD	.14556	.40488
#1	.19904	.05294
#2	.19945	.05263
Errors	LC Pass	LC Pass
High	.23000	.05750
Low	.17000	.04250

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2702	--	--	--	--	--	--
SDev	4.613803	--	--	--	--	--	--
%RSD	.1707369	--	--	--	--	--	--
#1	2699	--	--	--	--	--	--
#2	2706	--	--	--	--	--	--

Analysis Report 03/31/06 01:56:57 PM page 1

Method: TRACE2 Sample Name: AD614420/PB Operator: SW
Run Time: 03/31/06 13:52:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01284	.00144	.00304	.00006	.00005	.00012	-.00007
SDev	.00441	.00097	.00005	.00001	.00002	.00175	.00011
%RSD	34.381	67.299	1.7728	21.120	38.938	1472.4	160.63
#1	.01596	.00075	.00308	.00005	.00006	.00136	.00001
#2	.00971	.00212	.00300	.00007	.00004	-.00112	-.00015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00001	-.00040	H.01715	.00962	.00219	.00555	.00009
SDev	.00004	.00019	.00164	.00418	.00629	.00046	.00010
%RSD	594.25	47.622	9.5492	43.456	287.25	8.2944	107.43
#1	.00003	-.00054	H.01831	.01258	.00663	.00522	.00017
#2	-.00002	-.00027	H.01599	.00666	-.00226	.00587	.00002
Errors	LC Pass	LC Pass	LC High	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00082	-.09053	-.00030	.02084	.02017	H.02039	.00067
SDev	.00054	.07590	.00029	.00385	.00122	.00047	.00199
%RSD	66.617	83.845	96.548	18.489	6.0622	2.2928	297.86
#1	.00043	-.14420	-.00010	.01812	.02103	H.02006	-.00074
#2	.00120	-.03686	-.00051	.02357	.01931	H.02072	.00207
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC High	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00038	.00409	-.00104	.00003	.00338	-.00025	.01601
SDev	.00241	.00967	.00185	.00003	.00115	.00000	.00153
%RSD	638.81	236.41	177.40	90.996	33.985	.29153	9.5654
#1	.00133	-.00275	.00027	.00001	.00419	-.00025	.01709
#2	-.00208	.01092	-.00235	.00006	.00256	-.00025	.01492
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00312	-.00033
SDev	.00108	.00029
%RSD	34.675	86.819
#1	.00389	-.00053
#2	.00236	-.00013
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2672	--	--	--	--	--	--
SDev	4.242641	--	--	--	--	--	--
%RSD	.1588023	--	--	--	--	--	--
#1	2675	--	--	--	--	--	--
#2	2669	--	--	--	--	--	--

Analysis Report 03/31/06 02:01:47 PM page 1

Method: TRACE2 Sample Name: AD614419/LCS Operator: SW
Run Time: 03/31/06 13:57:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.7905	.21288	.20668	H.24561	.19320	10.372	.19544
SDev	.0477	.00368	.00037	.00289	.00127	.076	.00078
%RSD	.48680	1.7289	.17835	1.1751	.65761	.73411	.39810
#1	9.7568	.21028	.20694	H.24357	.19230	10.318	.19489
#2	9.8242	.21548	.20642	H.24765	.19410	10.425	.19599
Errors	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18994	.18701	.21175	9.1073	H14.618	9.2343	.18565
SDev	.00148	.00049	.00175	.0128	.038	.0409	.00033
%RSD	.77956	.26188	.82583	.14046	.26156	.44315	.17588
#1	.18889	.18666	.21051	9.0983	H14.591	9.2053	.18542
#2	.19099	.18736	.21299	9.1164	H14.645	9.2632	.18588
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19793	H1333.0	.19629	.20073	.20719	.20504	.20598
SDev	.00194	4.2	.00107	.00241	.00479	.00239	.00221
%RSD	.98051	.31663	.54292	1.2005	2.3132	1.1677	1.0732
#1	.19656	H1330.1	.19554	.20243	.20381	.20335	.20754
#2	.19930	H1336.0	.19704	.19902	.21058	.20673	.20442
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.23000	11.500	.23000			.23000	.23000
Low	.17000	8.5000	.17000			.17000	.17000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20540	.20127	.20834	.20392	.20116	.19623	.22041
SDev	.00316	.00999	.00168	.00162	.00180	.00132	.00136
%RSD	1.5395	4.9621	.80519	.79492	.89722	.67155	.61655
#1	.20316	.20833	.20716	.20277	.20244	.19530	.21944
#2	.20763	.19421	.20953	.20507	.19988	.19717	.22137
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000			.23000	.23000	.23000	.23000
Low	.17000			.17000	.17000	.17000	.17000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20238	.05311
SDev	.00217	.00064
%RSD	1.0721	1.1981
#1	.20391	.05356
#2	.20084	.05266
Errors	LC Pass	LC Pass
High	.23000	.05750
Low	.17000	.04250

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2547	--	--	--	--	--	--
SDev	1.856155	--	--	--	--	--	--
%RSD	.0728879	--	--	--	--	--	--
#1	2548	--	--	--	--	--	--
#2	2545	--	--	--	--	--	--

Analysis Report QC Standard 03/31/06 02:16:00 PM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 03/31/06 14:11:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.798	.47712	.45940	.48392	.49678	24.546	.48441
SDev	.012	.00145	.00296	.00025	.00078	.013	.00006
%RSD	.04958	.30426	.64490	.05192	.15728	.05380	.01319
#1	24.789	.47815	.45731	.48410	.49623	24.537	.48445
#2	24.807	.47610	.46150	.48374	.49734	24.556	.48436
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49300	.49873	.51163	25.074	24.516	24.903	.50859
SDev	.00155	.00116	.00038	.033	.003	.018	.00073
%RSD	.31391	.23211	.07406	.13169	.01033	.07413	.14365
#1	.49191	.49791	.51137	25.051	24.514	24.890	.50807
#2	.49410	.49955	.51190	25.098	24.518	24.916	.50911
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49930	24.207	.49273	.49255	.49425	.49368	.48748
SDev	.00140	.027	.00043	.00228	.00118	.00003	.00152
%RSD	.28086	.11284	.08700	.46297	.23916	.00589	.31098
#1	.49831	24.227	.49304	.49093	.49509	.49370	.48855
#2	.50029	24.188	.49243	.49416	.49341	.49366	.48641
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49063	.48537	.48854	.50376	.49477	.49938	.49033
SDev	.00144	.00206	.00124	.00017	.00115	.00067	.00013
%RSD	.29368	.42537	.25416	.03475	.23201	.13381	.02661
#1	.48961	.48683	.48942	.50364	.49396	.49891	.49024
#2	.49165	.48391	.48766	.50389	.49558	.49985	.49043
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50184	.48597
SDev	.00055	.00093
%RSD	.10948	.19052
#1	.50223	.48531
#2	.50145	.48662
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2665	--	--	--	--	--	--
SDev	.4243331	--	--	--	--	--	--
%RSD	.0159221	--	--	--	--	--	--
#1	2665	--	--	--	--	--	--
#2	2665	--	--	--	--	--	--

Analysis Report Blank Sample 03/31/06 02:20:51 PM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 03/31/06 14:16:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02133	.00274	.00145	-.00006	.00007	.01939	-.00002
SDev	.00034	.00264	.00044	.00003	.00001	.00029	.00015
%RSD	1.5854	96.359	30.343	45.186	7.4797	1.5119	891.74
#1	.02157	.00087	.00176	-.00007	.00007	.01959	.00009
#2	.02109	.00461	.00114	-.00004	.00008	.01918	-.00013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	-.00028	.00020	.00130	.00010	.01952	.00009
SDev	.00011	.00022	.00003	.00250	.00966	.00272	.00002
%RSD	92.879	79.334	13.055	192.66	10082.	13.920	21.573
#1	.00020	-.00012	.00018	-.00047	.00693	.01760	.00008
#2	.00004	-.00043	.00022	.00307	-.00674	.02144	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00146	-.00355	-.00055	-.00076	.00042	.00003	.00089
SDev	.00154	.00528	.00096	.00163	.00140	.00147	.00265
%RSD	106.00	148.68	174.32	215.54	336.02	5697.5	297.94
#1	.00255	-.00729	-.00123	-.00191	-.00057	-.00102	.00276
#2	.00036	.00018	.00013	.00040	.00140	.00107	-.00098
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00182	.00209	.00029	-.00007	.00229	.00021	-.00015
SDev	.00101	.00476	.00636	.00005	.00426	.00009	.00010
%RSD	55.555	228.33	2187.1	73.624	185.83	45.535	69.779
#1	.00111	-.00128	.00478	-.00010	.00531	.00027	-.00022
#2	.00254	.00545	-.00420	-.00003	-.00072	.00014	-.00007
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00215	-.00016
SDev	.00197	.00012
%RSD	91.677	76.071
#1	.00355	-.00008
#2	.00076	-.00025
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2689	--	--	--	--	--	--
SDev	2.121320	--	--	--	--	--	--
%RSD	.0788807	--	--	--	--	--	--
#1	2688	--	--	--	--	--	--
#2	2691	--	--	--	--	--	--

Analysis Report 03/31/06 02:25:41 PM page 1

Method: TRACE2 Sample Name: AD614418/EBLK Operator: SW
Run Time: 03/31/06 14:20:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03249	.00276	.03021	H.03171	.00014	H.72093	-.00002
SDev	.00189	.00045	.00008	.00021	.00000	.00329	.00008
%RSD	5.8340	16.447	.27839	.65798	1.5074	.45565	413.79
#1	.03383	.00244	.03027	H.03156	.00014	H.71861	.00004
#2	.03115	.00308	.03015	H.03186	.00013	H.72325	-.00007
Errors	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC High	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00019	.00052	.00633	.02494	.34138	.08892	.00148
SDev	.00008	.00029	.00016	.00086	.02196	.00583	.00006
%RSD	41.733	55.642	2.5619	3.4559	6.4332	6.5525	4.2145
#1	-.00024	.00073	.00645	.02555	.35691	.08480	.00152
#2	-.00013	.00032	.00622	.02433	.32585	.09304	.00144
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00142	H1292.9	.00103	-.00130	.00180	.00077	.00157
SDev	.00027	3.9	.00071	.00031	.00085	.00046	.00249
%RSD	19.260	.29917	68.757	24.087	47.295	60.422	159.08
#1	.00162	H1290.1	.00053	-.00108	.00120	.00044	.00333
#2	.00123	H1295.6	.00152	-.00153	.00240	.00110	-.00020
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00245	.00631	-.00080	.00009	.00395	.00031	H.02342
SDev	.00141	.00276	.00236	.00016	.00037	.00019	.00042
%RSD	57.594	43.717	293.10	176.62	9.3030	62.667	1.7841
#1	-.00344	.00826	.00086	.00020	.00421	.00017	H.02372
#2	-.00145	.00436	-.00247	-.00002	.00369	.00045	H.02313
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC High
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00533	.00014
SDev	.00065	.00017
%RSD	12.134	117.80
#1	.00579	.00026
#2	.00487	.00002
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2558	--	--	--	--	--	--
SDev	1.643989	--	--	--	--	--	--
%RSD	.0642651	--	--	--	--	--	--
#1	2559	--	--	--	--	--	--
#2	2557	--	--	--	--	--	--

Analysis Report 03/31/06 02:30:31 PM page 1

Method: TRACE2 Sample Name: AD614410 Operator: SW
Run Time: 03/31/06 14:25:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40828	.00890	.07771	.20453	.00026	10.531	.00159
SDev	.00088	.00167	.00058	.00207	.00001	.059	.00011
%RSD	.21586	18.781	.74237	1.0125	2.8291	.55966	6.9660
#1	.40890	.01009	.07730	.20307	.00025	10.489	.00167
#2	.40766	.00772	.07811	.20600	.00026	10.573	.00151
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00416	.00072	.07216	.82338	2.2362	1.8580	.34273
SDev	.00042	.00015	.00040	.00158	.0008	.0059	.00030
%RSD	10.179	21.070	.55633	.19193	.03354	.31998	.08749
#1	.00446	.00061	.07244	.82227	2.2368	1.8538	.34252
#2	.00386	.00083	.07187	.82450	2.2357	1.8622	.34295
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00073	H1262.9	.03508	.74595	.74766	.74709	.00494
SDev	.00000	2.8	.00042	.00244	.00406	.00352	.00036
%RSD	.16606	.22349	1.1866	.32670	.54352	.47143	7.2758
#1	.00073	H1260.9	.03478	.74422	.74479	.74460	.00519
#2	.00073	H1264.9	.03537	.74767	.75053	.74958	.00468
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00219	.01964	-.00242	.00223	.00037	.00001	.51604
SDev	.00221	.00503	.00305	.00020	.00499	.00000	.00194
%RSD	100.55	25.589	126.26	8.8349	1364.0	4.8377	.37611
#1	.00063	.01609	-.00026	.00209	-.00316	.00001	.51467
#2	.00376	.02320	-.00458	.00237	.00390	.00001	.51741
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00749	.00039
SDev	.00145	.00004
%RSD	19.347	9.5419
#1	.00852	.00036
#2	.00647	.00041
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2608	--	--	--	--	--	--
SDev	2.280489	--	--	--	--	--	--
%RSD	.0874492	--	--	--	--	--	--
#1	2609	--	--	--	--	--	--
#2	2606	--	--	--	--	--	--

Analysis Report 03/31/06 02:35:21 PM page 1

Method: TRACE2 Sample Name: AD614410/L (1:5) Operator: SW
Run Time: 03/31/06 14:30:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08447	.00400	.01773	.04270	.00009	2.0999	.00031
SDev	.00049	.00059	.00075	.00006	.00000	.0023	.00006
%RSD	.58544	14.733	4.2413	.13407	1.0675	.11020	19.014
#1	.08412	.00359	.01827	.04274	.00009	2.0983	.00035
#2	.08482	.00442	.01720	.04266	.00010	2.1016	.00027
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00091	.00050	.01404	.17784	.32166	.37730	.06908
SDev	.00011	.00007	.00014	.00510	.01490	.00158	.00002
%RSD	12.490	14.647	.99000	2.8654	4.6308	.41805	.03187
#1	.00083	.00045	.01394	.17424	.33220	.37618	.06906
#2	.00099	.00056	.01414	.18145	.31113	.37841	.06909
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00037	300.54	.00697	.14389	.15008	.14802	.00327
SDev	.00025	.18	.00088	.00089	.00044	.00001	.00363
%RSD	67.183	.06148	12.622	.62034	.29234	.00310	111.03
#1	.00055	300.41	.00759	.14452	.14977	.14802	.00070
#2	.00019	300.67	.00634	.14326	.15039	.14802	.00583
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00197	.00456	.00262	.00041	.00187	-.00019	.10220
SDev	.00131	.00085	.00501	.00005	.00379	.00047	.00055
%RSD	66.366	18.607	191.54	12.907	202.17	247.83	.54094
#1	-.00105	.00396	-.00093	.00037	-.00080	-.00052	.10181
#2	-.00290	.00516	.00616	.00045	.00455	.00014	.10259
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00185	.00001
SDev	.00312	.00005
%RSD	168.57	438.61
#1	-.00036	.00005
#2	.00406	-.00003
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2668	--	--	--	--	--	--
SDev	.8484936	--	--	--	--	--	--
%RSD	.0318065	--	--	--	--	--	--
#1	2668	--	--	--	--	--	--
#2	2667	--	--	--	--	--	--

Analysis Report 03/31/06 02:40:11 PM page 1

Method: TRACE2 Sample Name: AD614410/PS Operator: SW
Run Time: 03/31/06 14:35:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.402	.21071	.27025	.40274	.19750	19.936	.20285
SDev	.015	.00152	.00028	.00004	.00019	.008	.00056
%RSD	.14404	.72168	.10313	.01083	.09521	.03929	.27649
#1	10.392	.21179	.27045	.40277	.19737	19.930	.20246
#2	10.413	.20964	.27005	.40271	.19763	19.941	.20325
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20145	.20034	.28224	10.736	17.411	11.509	.53050
SDev	.00098	.00075	.00023	.017	.000	.002	.00114
%RSD	.48478	.37526	.08011	.15583	.00179	.01595	.21420
#1	.20076	.19980	.28208	10.725	17.410	11.508	.52969
#2	.20214	.20087	.28240	10.748	17.411	11.510	.53130
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20562	H1253.0	.23310	.92718	.93571	.93287	.20648
SDev	.00116	.4	.00126	.00419	.00196	.00008	.00342
%RSD	.56378	.03546	.53998	.45136	.20991	.00895	1.6563
#1	.20480	H1253.3	.23221	.93014	.93432	.93293	.20890
#2	.20644	H1252.7	.23399	.92422	.93710	.93281	.20407
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19820	.20762	.20592	.19917	.20878	.20023	.70279
SDev	.00355	.00682	.00172	.00003	.00366	.00048	.00219
%RSD	1.7923	3.2854	.83498	.01546	1.7525	.23833	.31129
#1	.19569	.21245	.20713	.19915	.20619	.20057	.70125
#2	.20071	.20280	.20470	.19919	.21136	.19989	.70434
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.21560	.04956
SDev	.00089	.00053
%RSD	.41433	1.0711
#1	.21497	.04918
#2	.21624	.04993
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2598	--	--	--	--	--	--
SDev	4.931966	--	--	--	--	--	--
%RSD	.1898233	--	--	--	--	--	--
#1	2595	--	--	--	--	--	--
#2	2602	--	--	--	--	--	--

Analysis Report 03/31/06 02:45:01 PM page 1

Method: TRACE2 Sample Name: AD614411 Operator: SW
Run Time: 03/31/06 14:40:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38541	.01689	.06140	.29108	.00044	9.4375	.02279
SDev	.00380	.00095	.00113	.00063	.00002	.0026	.00000
%RSD	.98725	5.6513	1.8436	.21577	4.7185	.02795	.01359
#1	.38810	.01756	.06060	.29152	.00046	9.4394	.02280
#2	.38272	.01621	.06220	.29063	.00043	9.4356	.02279
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00481	.00324	.01074	3.4827	1.3722	1.7179	.40114
SDev	.00047	.00038	.00010	.0064	.0106	.0052	.00005
%RSD	9.7323	11.732	.96476	.18254	.77297	.30525	.01264
#1	.00448	.00297	.01067	3.4782	1.3797	1.7141	.40118
#2	.00514	.00351	.01081	3.4872	1.3647	1.7216	.40110
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00153	H1303.7	.04310	1.7162	1.7246	1.7218	-.00002
SDev	.00060	2.0	.00125	.0101	.0005	.0030	.00039
%RSD	39.537	.15317	2.8969	.58955	.03059	.17525	2199.8
#1	.00110	H1305.1	.04221	1.7233	1.7242	1.7239	-.00029
#2	.00196	H1302.3	.04398	1.7090	1.7250	1.7197	.00026
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00085	.00454	-.00230	.00118	.00039	.00030	.59139
SDev	.00029	.00524	.00321	.00001	.00463	.00029	.00059
%RSD	34.230	115.30	139.48	.43961	1189.3	96.964	.09893
#1	-.00105	.00825	-.00457	.00117	.00366	.00009	.59098
#2	-.00064	.00084	-.00003	.00118	-.00289	.00050	.59180
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00625	-.00013
SDev	.00233	.00000
%RSD	37.276	.01132
#1	.00789	-.00013
#2	.00460	-.00013
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2584	--	--	--	--	--	--
SDev	.2121666	--	--	--	--	--	--
%RSD	.0082101	--	--	--	--	--	--
#1	2584	--	--	--	--	--	--
#2	2584	--	--	--	--	--	--

Analysis Report 03/31/06 02:49:51 PM page 1

Method: TRACE2 Sample Name: AD614412 Operator: SW
Run Time: 03/31/06 14:45:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.81358	.00995	.11284	.09352	.00040	10.432	.00169
SDev	.00140	.00173	.00082	.00097	.00001	.061	.00002
%RSD	.17166	17.388	.72937	1.0418	2.7918	.58042	.87823
#1	.81456	.01117	.11342	.09283	.00039	10.389	.00170
#2	.81259	.00873	.11226	.09421	.00041	10.475	.00168
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00431	.00103	.00574	7.8331	7.9657	3.2701	.58348
SDev	.00042	.00002	.00068	.0246	.0010	.0137	.00120
%RSD	9.7156	1.5910	11.936	.31376	.01235	.42025	.20482
#1	.00401	.00104	.00526	7.8157	7.9664	3.2604	.58264
#2	.00460	.00102	.00622	7.8505	7.9650	3.2799	.58433
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00233	H1240.6	.03466	3.1932	3.2131	3.2064	.00505
SDev	.00007	1.1	.00050	.0014	.0192	.0123	.00038
%RSD	3.0513	.08984	1.4541	.04338	.59626	.38414	7.4166
#1	.00228	H1239.8	.03430	3.1942	3.1995	3.1977	.00532
#2	.00238	H1241.4	.03501	3.1922	3.2266	3.2152	.00479
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00188	.01227	.00144	.01252	.00184	.00120	.33928
SDev	.00064	.00080	.00096	.00048	.00226	.00019	.00216
%RSD	34.121	6.4790	66.496	3.8377	122.59	15.544	.63575
#1	-.00143	.01171	.00212	.01218	.00344	.00107	.33776
#2	-.00234	.01283	.00076	.01286	.00025	.00134	.34081
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00656	-.00031
SDev	.00023	.00007
%RSD	3.4761	23.628
#1	.00640	-.00036
#2	.00672	-.00026
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2615	--	--	--	--	--	--
SDev	3.818308	--	--	--	--	--	--
%RSD	.1460351	--	--	--	--	--	--
#1	2612	--	--	--	--	--	--
#2	2617	--	--	--	--	--	--

Analysis Report 03/31/06 02:54:41 PM page 1

Method: TRACE2 Sample Name: AD614413 Operator: SW
Run Time: 03/31/06 14:49:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06231	.00170	.03693	.06148	.00017	2.2166	.00009
SDev	.00019	.00172	.00063	.00004	.00001	.0070	.00012
%RSD	.30158	100.97	1.6973	.06196	4.0154	.31456	125.08
#1	.06218	.00292	.03648	.06151	.00017	2.2117	.00001
#2	.06244	.00049	.03737	.06145	.00018	2.2216	.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00073	.00049	.01116	.18371	.45194	.37762	.01357
SDev	.00012	.00017	.00004	.00743	.02100	.00301	.00011
%RSD	15.829	34.027	.34774	4.0426	4.6468	.79632	.81359
#1	.00065	.00038	.01113	.18896	.46679	.37549	.01350
#2	.00082	.00061	.01119	.17845	.43709	.37974	.01365
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00171	H1269.0	.00151	.00554	.00824	.00734	.00183
SDev	.00064	2.1	.00082	.00024	.00017	.00003	.00033
%RSD	37.695	.16767	54.061	4.4078	2.1237	.48214	17.903
#1	.00217	H1267.5	.00209	.00571	.00811	.00731	.00160
#2	.00125	H1270.5	.00093	.00537	.00836	.00736	.00206
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00149	.01053	-.00252	.00023	.00146	.00030	.11221
SDev	.00083	.00170	.00036	.00019	.00159	.00000	.00076
%RSD	55.482	16.139	14.222	81.256	108.91	.51663	.67453
#1	.00208	.00933	-.00227	.00037	.00033	.00030	.11167
#2	.00091	.01173	-.00278	.00010	.00258	.00030	.11274
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00566	-.00061
SDev	.00102	.00028
%RSD	17.962	45.188
#1	.00494	-.00042
#2	.00638	-.00081
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2591	--	--	--	--	--	--
SDev	5.091134	--	--	--	--	--	--
%RSD	.1964797	--	--	--	--	--	--
#1	2595	--	--	--	--	--	--
#2	2588	--	--	--	--	--	--

Analysis Report 03/31/06 02:59:31 PM page 1

Method: TRACE2 Sample Name: AD614413/L (1:5) Operator: SW
Run Time: 03/31/06 14:54:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01278	.00084	.00836	.01233	.00006	.43213	-.00002
SDev	.00117	.00030	.00121	.00008	.00001	.00052	.00002
%RSD	9.1528	35.571	14.451	.61891	17.103	.11934	80.535
#1	.01195	.00105	.00751	.01238	.00005	.43176	-.00004
#2	.01360	.00063	.00922	.01228	.00006	.43249	-.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00022	-.00000	.00155	.03665	.06614	.07444	.00280
SDev	.00004	.00010	.00015	.01022	.01581	.00146	.00005
%RSD	18.522	2615.5	9.6043	27.888	23.899	1.9612	1.6377
#1	-.00019	.00007	.00166	.02942	.07731	.07341	.00276
#2	-.00025	-.00008	.00145	.04388	.05496	.07548	.00283
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00059	300.48	.00030	.00226	.00196	.00206	.00260
SDev	.00053	.43	.00022	.00246	.00060	.00042	.00050
%RSD	90.316	.14224	73.279	108.57	30.814	20.207	19.331
#1	.00096	300.17	.00014	.00400	.00153	.00235	.00296
#2	.00021	300.78	.00045	.00053	.00238	.00177	.00225
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00255	.01105	-.00162	-.00007	.00053	.00008	.02156
SDev	.00150	.00344	.00097	.00018	.00367	.00009	.00004
%RSD	58.583	31.171	59.781	272.06	687.81	112.67	.17765
#1	.00150	.01348	-.00230	-.00019	-.00206	.00015	.02153
#2	.00361	.00861	-.00093	.00006	.00313	.00002	.02158
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00213	-.00027
SDev	.00067	.00009
%RSD	31.270	33.386
#1	.00261	-.00033
#2	.00166	-.00020
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2649	--	--	--	--	--	--
SDev	4.454807	--	--	--	--	--	--
%RSD	.1681694	--	--	--	--	--	--
#1	2652	--	--	--	--	--	--
#2	2646	--	--	--	--	--	--

Analysis Report 03/31/06 03:11:02 PM page 1

Method: TRACE2 Sample Name: AD614413/PS Operator: SW
Run Time: 03/31/06 15:06:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.8329	.20341	.22360	.24620	.19703	11.543	.20201
SDev	.0399	.00030	.00138	.00077	.00049	.025	.00056
%RSD	.40549	.14872	.61703	.31282	.24727	.21394	.27912
#1	9.8047	.20320	.22262	.24565	.19668	11.525	.20161
#2	9.8611	.20363	.22457	.24674	.19737	11.560	.20241
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19858	.20178	.22048	10.179	15.327	10.113	.21079
SDev	.00112	.00047	.00114	.024	.045	.032	.00078
%RSD	.56543	.23177	.51950	.23135	.29683	.31576	.37120
#1	.19779	.20145	.21967	10.162	15.295	10.090	.21023
#2	.19937	.20211	.22129	10.195	15.359	10.135	.21134
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20669	H1238.8	.19992	.21227	.21237	.21234	.20833
SDev	.00189	2.9	.00040	.00038	.00191	.00140	.00656
%RSD	.91553	.23134	.19841	.17795	.89808	.65835	3.1512
#1	.20535	H1236.7	.19964	.21201	.21102	.21135	.21298
#2	.20802	H1240.8	.20020	.21254	.21372	.21332	.20369
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19732	.20823	.20839	.19450	.20504	.20075	.30854
SDev	.00007	.01165	.00402	.00056	.00243	.00083	.00031
%RSD	.03516	5.5922	1.9317	.28669	1.1872	.41362	.10178
#1	.19727	.21647	.21123	.19410	.20332	.20016	.30832
#2	.19737	.20000	.20554	.19489	.20676	.20134	.30876
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.21561	.04918
SDev	.00225	.00038
%RSD	1.0412	.77589
#1	.21720	.04891
#2	.21403	.04945
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2569	--	--	--	--	--	--
SDev	4.401809	--	--	--	--	--	--
%RSD	.1713524	--	--	--	--	--	--
#1	2572	--	--	--	--	--	--
#2	2566	--	--	--	--	--	--

Analysis Report 03/31/06 03:15:52 PM page 1

Method: TRACE2 Sample Name: AD614414 Operator: SW
Run Time: 03/31/06 15:11:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03843	.00518	.05063	.07261	.00052	H769.26	-.00016
SDev	.00023	.00089	.00003	.00073	.00003	4.69	.00005
%RSD	.59479	17.168	.05395	1.0044	4.8438	.60917	34.703
#1	.03827	.00455	.05065	.07210	.00050	H765.95	-.00020
#2	.03859	.00580	.05061	.07313	.00053	H772.57	-.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00914	.00072	5.1893	.00651	1.5058	71.488	1.8589
SDev	.00009	.00017	.0210	.00270	.0051	.145	.0015
%RSD	.95817	23.819	.40458	41.524	.33642	.20286	.07947
#1	.00907	.00085	5.1744	.00460	1.5094	71.386	1.8578
#2	.00920	.00060	5.2041	.00843	1.5022	71.591	1.8599
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01025	H1278.4	.11281	-.00012	-.00137	-.00095	.00373
SDev	.00048	4.0	.00007	.00004	.00055	.00035	.00214
%RSD	4.6576	.31665	.06053	31.260	39.921	36.999	57.389
#1	.01059	H1275.5	.11276	-.00014	-.00098	-.00070	.00524
#2	.00991	H1281.3	.11285	-.00009	-.00176	-.00120	.00221
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00182	.00924	.00097	.00065	.00310	.00168	4.1141
SDev	.00063	.00192	.00225	.00005	.00111	.00010	.0120
%RSD	34.720	20.744	232.73	7.4432	35.664	5.8560	.29121
#1	.00137	.01060	.00256	.00068	.00388	.00175	4.1056
#2	.00227	.00789	-.00062	.00062	.00232	.00161	4.1226
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00477	.00019
SDev	.00129	.00088
%RSD	27.009	473.69
#1	.00568	-.00044
#2	.00386	.00081
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2493	--	--	--	--	--	--
SDev	2.068322	--	--	--	--	--	--
%RSD	.0829664	--	--	--	--	--	--
#1	2494	--	--	--	--	--	--
#2	2492	--	--	--	--	--	--

Analysis Report QC Standard 03/31/06 03:22:02 PM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 03/31/06 15:17:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.760	.47886	.46071	.49519	.49669	24.597	.48394
SDev	.026	.00007	.00354	.00027	.00057	.009	.00045
%RSD	.10338	.01373	.76754	.05455	.11406	.03550	.09236
#1	24.742	.47882	.45821	.49538	.49629	24.590	.48362
#2	24.778	.47891	.46321	.49500	.49709	24.603	.48426
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49091	.49682	.51118	24.941	24.363	24.819	.50538
SDev	.00030	.00146	.00165	.055	.018	.015	.00056
%RSD	.06117	.29317	.32309	.22080	.07502	.06065	.10983
#1	.49112	.49579	.51001	24.902	24.350	24.808	.50499
#2	.49070	.49785	.51234	24.980	24.376	24.829	.50577
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49722	24.478	.49444	.49128	.49451	.49343	.48868
SDev	.00310	.013	.00017	.00064	.00263	.00197	.00216
%RSD	.62239	.05153	.03419	.12974	.53150	.39830	.44289
#1	.49503	24.487	.49432	.49083	.49265	.49204	.48715
#2	.49940	24.469	.49456	.49173	.49637	.49482	.49021
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49330	.48523	.49042	.50673	.49507	.49930	.49005
SDev	.00496	.00060	.00295	.00075	.00407	.00094	.00005
%RSD	1.0051	.12338	.60095	.14736	.82101	.18785	.01097
#1	.49680	.48480	.48833	.50621	.49219	.49864	.49009
#2	.48979	.48565	.49250	.50726	.49794	.49996	.49001
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.49937	.48711
SDev	.00047	.00068
%RSD	.09476	.13990
#1	.49903	.48663
#2	.49970	.48759
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2690	--	--	--	--	--	--
SDev	1.431995	--	--	--	--	--	--
%RSD	.0532387	--	--	--	--	--	--
#1	2689	--	--	--	--	--	--
#2	2691	--	--	--	--	--	--

Analysis Report Blank Sample 03/31/06 03:26:52 PM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 03/31/06 15:22:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02060	.00245	.00145	.00005	.00006	.02791	.00003
SDev	.00057	.00258	.00015	.00003	.00001	.00148	.00005
%RSD	2.7839	105.45	10.129	69.672	14.166	5.3102	171.95
#1	.02100	.00062	.00155	.00002	.00005	.02686	.00006
#2	.02019	.00427	.00135	.00007	.00006	.02896	-.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	.00006	.00014	.00365	.00500	.02368	.00012
SDev	.00041	.00047	.00023	.00251	.00694	.00204	.00002
%RSD	1198.5	723.14	158.49	68.722	138.79	8.5991	15.932
#1	-.00032	-.00027	-.00002	.00188	.00991	.02512	.00013
#2	.00025	.00039	.00030	.00542	.00009	.02224	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00097	.07689	-.00017	-.00092	.00104	.00038	-.00103
SDev	.00088	.07409	.00047	.00143	.00305	.00156	.00137
%RSD	91.083	96.359	266.76	155.16	294.95	406.39	132.81
#1	.00159	.02450	.00015	-.00193	.00319	.00149	-.00200
#2	.00034	.12928	-.00050	.00009	-.00112	-.00072	-.00006
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00131	.00372	-.00341	.00009	.00358	-.00006	.00014
SDev	.00154	.01098	.00344	.00016	.00246	.00009	.00010
%RSD	118.03	294.98	100.79	173.84	68.830	157.23	70.978
#1	-.00240	-.00404	-.00098	.00020	.00532	.00001	.00021
#2	-.00022	.01149	-.00584	-.00002	.00184	-.00012	.00007
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00352	-.00017
SDev	.00110	.00011
%RSD	31.203	60.282
#1	.00275	-.00025
#2	.00430	-.00010
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2699	--	--	--	--	--	--
SDev	9.598940	--	--	--	--	--	--
%RSD	.3556200	--	--	--	--	--	--
#1	2706	--	--	--	--	--	--
#2	2692	--	--	--	--	--	--

Analysis Report 03/31/06 03:31:43 PM page 1

Method: TRACE2 Sample Name: AD614414/L (1:5) Operator: SW
Run Time: 03/31/06 15:26:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00663	.00137	.01113	.01408	.00015	138.23	-.00019
SDev	.00065	.00228	.00071	.00010	.00000	.33	.00012
%RSD	9.7634	166.95	6.3623	.69560	1.1502	.23854	63.203
#1	.00708	.00298	.01063	.01401	.00015	137.99	-.00011
#2	.00617	-.00025	.01163	.01414	.00014	138.46	-.00028
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00169	-.00006	.98875	.00739	.20165	14.214	.37202
SDev	.00015	.00022	.00220	.00086	.00107	.021	.00019
%RSD	9.0857	365.04	.22218	11.605	.52945	.14635	.05119
#1	.00180	.00010	.98720	.00800	.20240	14.199	.37188
#2	.00158	-.00022	.99030	.00678	.20089	14.228	.37215
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00217	297.56	.02277	.00087	.00057	.00067	.00296
SDev	.00031	.01	.00052	.00341	.00007	.00109	.00235
%RSD	14.403	.00232	2.2653	390.94	12.281	162.67	79.542
#1	.00194	297.55	.02241	-.00154	.00062	-.00010	.00463
#2	.00239	297.56	.02314	.00328	.00052	.00144	.00130
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00327	.00467	.00211	.00003	.00090	-.00018	.82930
SDev	.00080	.00067	.00386	.00009	.00018	.00009	.00076
%RSD	24.487	14.268	183.56	275.25	20.140	53.189	.09165
#1	-.00384	.00420	.00484	.00010	.00103	-.00011	.82876
#2	-.00270	.00514	-.00063	-.00003	.00078	-.00025	.82984
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00488	.00019
SDev	.00155	.00046
%RSD	31.731	237.33
#1	.00597	-.00013
#2	.00378	.00051
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2624	--	--	--	--	--	--
SDev	1.272654	--	--	--	--	--	--
%RSD	.0484987	--	--	--	--	--	--
#1	2623	--	--	--	--	--	--
#2	2625	--	--	--	--	--	--

Analysis Report 03/31/06 03:36:33 PM page 1

Method: TRACE2 Sample Name: AD614414/PS Operator: SW
Run Time: 03/31/06 15:31:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.401	.20817	.24471	.27954	.19855	H765.06	.19596
SDev	.046	.00013	.00017	.00168	.00066	3.24	.00031
%RSD	.44602	.06005	.06970	.59906	.33284	.42333	.15628
#1	10.368	.20826	.24458	.27836	.19808	H762.77	.19575
#2	10.434	.20808	.24483	.28073	.19902	H767.35	.19618
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20548	.19989	5.2784	9.8988	17.572	79.898	2.0099
SDev	.00006	.00010	.0220	.0219	.026	.235	.0056
%RSD	.02973	.04941	.41627	.22117	.14624	.29475	.27657
#1	.20543	.19982	5.2628	9.8833	17.554	79.731	2.0060
#2	.20552	.19996	5.2939	9.9142	17.590	80.064	2.0139
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21820	H1263.6	.30743	.20391	.20458	.20436	.21111
SDev	.00222	3.9	.00106	.00065	.00110	.00052	.00153
%RSD	1.0186	.31044	.34622	.32135	.53818	.25259	.72246
#1	.21663	H1260.8	.30668	.20437	.20380	.20399	.21219
#2	.21977	H1266.4	.30818	.20345	.20536	.20472	.21004
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20899	.21421	.20957	.20275	.20743	.20671	4.2179
SDev	.00623	.00540	.00041	.00067	.00172	.00115	.0148
%RSD	2.9806	2.5215	.19698	.33091	.82822	.55693	.35173
#1	.20458	.21803	.20928	.20227	.20622	.20590	4.2074
#2	.21339	.21039	.20986	.20322	.20865	.20752	4.2284
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.21843	.05540
SDev	.00332	.00002
%RSD	1.5214	.03324
#1	.21608	.05541
#2	.22078	.05539
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2509	--	--	--	--	--	--
SDev	1.697160	--	--	--	--	--	--
%RSD	.0676496	--	--	--	--	--	--
#1	2508	--	--	--	--	--	--
#2	2510	--	--	--	--	--	--

Analysis Report 03/31/06 03:41:23 PM page 1

Method: TRACE2 Sample Name: AD614415/MS Operator: SW
Run Time: 03/31/06 15:36:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.034	.20109	.22314	.26687	.18912	H715.91	.18566
SDev	.023	.00023	.00076	.00008	.00034	.72	.00004
%RSD	.23307	.11701	.34209	.03058	.18241	.09998	.02363
#1	10.017	.20092	.22260	.26693	.18887	H715.41	.18563
#2	10.050	.20126	.22368	.26681	.18936	H716.42	.18569
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19898	.19000	4.9734	9.3097	16.550	75.510	1.9065
SDev	.00017	.00042	.0028	.0206	.020	.119	.0039
%RSD	.08574	.22003	.05672	.22121	.11963	.15718	.20395
#1	.19910	.18970	4.9714	9.2952	16.536	75.426	1.9038
#2	.19886	.19029	4.9754	9.3243	16.564	75.594	1.9093
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20723	H1215.5	.29054	.19686	.19779	.19748	.20318
SDev	.00069	1.2	.00035	.00054	.00272	.00164	.00071
%RSD	.33385	.09665	.11923	.27504	1.3768	.82846	.35156
#1	.20674	H1214.7	.29030	.19724	.19586	.19632	.20369
#2	.20772	H1216.4	.29079	.19648	.19971	.19864	.20268
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19256	.20804	.20075	.19193	.19389	.19531	3.9921
SDev	.00268	.00090	.00062	.00017	.00977	.00040	.0030
%RSD	1.3916	.43276	.30949	.08896	5.0388	.20549	.07534
#1	.19446	.20868	.20119	.19181	.18699	.19502	3.9900
#2	.19067	.20741	.20032	.19205	.20080	.19559	3.9942
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20496	.05095
SDev	.00015	.00012
%RSD	.07094	.22847
#1	.20506	.05087
#2	.20485	.05104
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2536	--	--	--	--	--	--
SDev	3.924477	--	--	--	--	--	--
%RSD	.1547385	--	--	--	--	--	--
#1	2539	--	--	--	--	--	--
#2	2533	--	--	--	--	--	--

Analysis Report 03/31/06 03:46:14 PM page 1

Method: TRACE2 Sample Name: AD614416/SD Operator: SW
Run Time: 03/31/06 15:41:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.094	.20630	.23416	.26617	.19158	H717.53	.18695
SDev	.030	.00071	.00012	.00023	.00037	1.30	.00032
%RSD	.29694	.34592	.04899	.08745	.19150	.18144	.17001
#1	10.073	.20680	.23408	.26634	.19132	H716.61	.18673
#2	10.115	.20579	.23424	.26601	.19184	H718.45	.18718
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20044	.19266	5.0025	9.4472	16.655	75.894	1.9291
SDev	.00047	.00043	.0105	.0438	.037	.167	.0054
%RSD	.23428	.22478	.20913	.46331	.22096	.22020	.27901
#1	.20010	.19235	4.9951	9.4162	16.629	75.776	1.9253
#2	.20077	.19296	5.0099	9.4781	16.681	76.013	1.9329
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20851	H1219.0	.29163	.19632	.19980	.19864	.20243
SDev	.00263	2.3	.00080	.00066	.00113	.00098	.00026
%RSD	1.2598	.18885	.27282	.33664	.56748	.49151	.12627
#1	.20665	H1217.3	.29106	.19585	.19900	.19795	.20262
#2	.21037	H1220.6	.29219	.19678	.20060	.19933	.20225
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20094	.20584	.20073	.19323	.19300	.19816	4.0176
SDev	.00089	.00077	.00000	.00052	.00119	.00019	.0086
%RSD	.44137	.37347	.00047	.26736	.61470	.09531	.21312
#1	.20031	.20639	.20073	.19286	.19384	.19803	4.0116
#2	.20157	.20530	.20074	.19359	.19216	.19829	4.0237
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20735	.05110
SDev	.00092	.00041
%RSD	.44138	.79745
#1	.20800	.05139
#2	.20671	.05081
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2513	--	--	--	--	--	--
SDev	2.386485	--	--	--	--	--	--
%RSD	.0949632	--	--	--	--	--	--
#1	2515	--	--	--	--	--	--
#2	2511	--	--	--	--	--	--

Analysis Report 03/31/06 03:51:04 PM page 1

Method: TRACE2 Sample Name: AD614417 Operator: SW
Run Time: 03/31/06 15:46:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09792	.00338	.06521	.12770	.00051	H730.37	-.00015
SDev	.00220	.00221	.00106	.00136	.00001	5.44	.00000
%RSD	2.2479	65.519	1.6219	1.0688	2.1034	.74433	2.1717
#1	.09947	.00494	.06596	.12867	.00052	H734.22	-.00015
#2	.09636	.00181	.06446	.12674	.00051	H726.53	-.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00922	.00137	6.9908	.19048	1.4714	58.852	1.6848
SDev	.00027	.00013	.0473	.00392	.0204	.322	.0093
%RSD	2.9224	9.4684	.67625	2.0578	1.3872	.54671	.55004
#1	.00903	.00146	7.0242	.19325	1.4858	59.080	1.6914
#2	.00941	.00128	6.9573	.18771	1.4569	58.625	1.6783
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00718	H1175.3	.11126	-.00049	.00063	.00026	.00678
SDev	.00122	5.5	.00003	.00169	.00229	.00209	.00100
%RSD	17.029	.46567	.02225	345.52	364.71	814.54	14.774
#1	.00804	H1179.1	.11124	-.00168	-.00099	-.00122	.00749
#2	.00631	H1171.4	.11128	.00070	.00225	.00173	.00607
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00300	.01150	.00442	.00175	-.00028	.00217	6.2159
SDev	.00160	.00455	.00077	.00029	.00273	.00019	.0344
%RSD	53.502	39.600	17.486	16.703	991.29	8.9839	.55301
#1	.00186	.01472	.00388	.00154	-.00221	.00203	6.2402
#2	.00413	.00828	.00497	.00196	.00166	.00231	6.1916
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00548	.00008
SDev	.00032	.00019
%RSD	5.8662	248.33
#1	.00525	-.00006
#2	.00571	.00021
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2491	--	--	--	--	--	--
SDev	4.136644	--	--	--	--	--	--
%RSD	.1660702	--	--	--	--	--	--
#1	2488	--	--	--	--	--	--
#2	2494	--	--	--	--	--	--

Analysis Report 03/31/06 03:55:54 PM page 1

Method: TRACE2 Sample Name: AD614417/L (1:5) Operator: SW
Run Time: 03/31/06 15:51:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01598	.00265	.01232	.02504	.00016	133.13	.00009
SDev	.00035	.00081	.00034	.00006	.00001	.26	.00006
%RSD	2.1766	30.641	2.7267	.25710	2.9767	.19659	58.058
#1	.01623	.00322	.01256	.02499	.00016	132.95	.00013
#2	.01574	.00207	.01208	.02508	.00017	133.32	.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00199	.00028	1.3393	.04253	.19135	11.808	.33924
SDev	.00042	.00030	.0030	.00588	.00795	.038	.00085
%RSD	21.349	106.52	.22183	13.834	4.1530	.32520	.24934
#1	.00169	.00007	1.3372	.04669	.19697	11.781	.33864
#2	.00229	.00050	1.3414	.03837	.18573	11.836	.33983
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00125	267.17	.02266	-.00099	-.00020	-.00047	.00117
SDev	.00047	.01	.00081	.00193	.00296	.00133	.00131
%RSD	37.977	.00440	3.5735	194.54	1468.9	286.34	112.04
#1	.00158	267.16	.02209	-.00236	.00189	.00048	.00209
#2	.00091	267.17	.02324	.00037	-.00230	-.00141	.00024
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00145	.00524	-.00087	.00027	.00066	.00043	1.2700
SDev	.00291	.00171	.00282	.00016	.00086	.00038	.0027
%RSD	201.18	32.589	324.61	59.800	131.85	88.742	.21373
#1	.00061	.00403	.00112	.00015	.00127	.00069	1.2681
#2	-.00351	.00644	-.00286	.00038	.00004	.00016	1.2719
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00208	.00006
SDev	.00411	.00013
%RSD	197.90	202.79
#1	-.00083	.00015
#2	.00498	-.00003
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2617	--	--	--	--	--	--
SDev	6.682125	--	--	--	--	--	--
%RSD	.2553158	--	--	--	--	--	--
#1	2622	--	--	--	--	--	--
#2	2612	--	--	--	--	--	--

Analysis Report 03/31/06 04:00:44 PM page 1

Method: TRACE2 Sample Name: AD614417/PS Operator: SW
Run Time: 03/31/06 15:55:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.276	.20342	.25825	.32093	.19642	H716.79	.19313
SDev	.010	.00275	.00031	.00215	.00061	3.40	.00057
%RSD	.09528	1.3520	.11902	.67090	.31146	.47372	.29623
#1	10.269	.20147	.25803	.31941	.19599	H714.39	.19272
#2	10.282	.20536	.25846	.32246	.19686	H719.19	.19353
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	400.00	30.000	50.000	10.000	5.0000	600.00	25.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20365	.20009	6.9782	10.029	17.142	67.252	1.8339
SDev	.00035	.00015	.0227	.029	.017	.079	.0016
%RSD	.17142	.07375	.32548	.28801	.09688	.11728	.08682
#1	.20340	.20019	6.9621	10.009	17.154	67.196	1.8327
#2	.20389	.19998	6.9942	10.049	17.130	67.307	1.8350
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	500.00	400.00	800.00	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21172	H1152.3	.30054	.20191	.19747	.19895	.20896
SDev	.00054	.3	.00004	.00352	.00325	.00334	.00430
%RSD	.25295	.02359	.01320	1.7434	1.6456	1.6787	2.0603
#1	.21134	H1152.1	.30057	.19942	.19517	.19659	.20591
#2	.21210	H1152.5	.30051	.20440	.19977	.20131	.21200
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	800.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20257	.21999	.20344	.19739	.19696	.20379	6.2259
SDev	.00310	.00601	.00345	.00072	.00143	.00022	.0149
%RSD	1.5323	2.7331	1.6965	.36272	.72523	.11047	.23936
#1	.20037	.21574	.20100	.19689	.19595	.20363	6.2154
#2	.20476	.22424	.20588	.19790	.19797	.20395	6.2365
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.21872	.05157
SDev	.00089	.00021
%RSD	.40752	.40909
#1	.21809	.05172
#2	.21935	.05142
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2542	--	--	--	--	--	--
SDev	2.068322	--	--	--	--	--	--
%RSD	.0813679	--	--	--	--	--	--
#1	2540	--	--	--	--	--	--
#2	2543	--	--	--	--	--	--

Analysis Report Blank Sample 03/31/06 04:06:54 PM page 1

Method: TRACE2 Sample Name: CRI Operator: SW
Run Time: 03/31/06 16:02:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19558	.01012	.04949	.00197	.00204	.49741	.00101
SDev	.00207	.00256	.00065	.00010	.00000	.00022	.00018
%RSD	1.0598	25.308	1.3205	5.1215	.15832	.04359	17.710
#1	.19412	.01193	.04902	.00190	.00204	.49726	.00089
#2	.19705	.00831	.04995	.00204	.00204	.49756	.00114
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.07500	.00300	.00300	.75000	.00150
Low	.10000	.00500	.02500	.00100	.00100	.25000	.00050

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00429	.00401	.01046	.05888	.42725	.19677	.00318
SDev	.00019	.00004	.00001	.00430	.00043	.00280	.00001
%RSD	4.5299	.97650	.12437	7.3018	.10008	1.4219	.37883
#1	.00415	.00398	.01045	.05584	.42695	.19480	.00319
#2	.00443	.00404	.01047	.06192	.42755	.19875	.00317
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01041	1.1440	.00999	.00420	.00548	.00505	.01841
SDev	.00037	.0436	.00073	.00325	.00212	.00249	.00176
%RSD	3.5926	3.8124	7.2745	77.297	38.683	49.374	9.5440
#1	.01015	1.1748	.00947	.00190	.00398	.00329	.01716
#2	.01068	1.1132	.01050	.00650	.00697	.00682	.01965
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01500	1.5000	.01500			.00750	.02250
Low	.00500	.50000	.00500			.00250	.00750

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01995	.01948	.01787	.00514	.02179	.00504	.02065
SDev	.00104	.00318	.00105	.00005	.00128	.00011	.00005
%RSD	5.2172	16.314	5.8533	.96886	5.8548	2.0986	.24832
#1	.01921	.01723	.01713	.00510	.02089	.00497	.02069
#2	.02068	.02173	.01861	.00517	.02270	.00512	.02061
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.03000			.00750	.03000	.00750	.03000
Low	.01000			.00250	.01000	.00250	.01000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00983	.00293
SDev	.00053	.00022
%RSD	5.4148	7.4872
#1	.00945	.00278
#2	.01020	.00309
Errors	LC Pass	LC Pass
High	.01500	.00450
Low	.00500	.00150

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2696	--	--	--	--	--	--
SDev	6.469958	--	--	--	--	--	--
%RSD	.2399480	--	--	--	--	--	--
#1	2701	--	--	--	--	--	--
#2	2692	--	--	--	--	--	--

Analysis Report QC Standard 03/31/06 04:11:44 PM page 1

Method: TRACE2 Sample Name: ICSA Operator: SW
Run Time: 03/31/06 16:06:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	503.20	.00155	.00974	.01180	.00141	520.06	.00303
SDev	.76	.00296	.00132	.00000	.00001	.17	.00011
%RSD	.15160	190.64	13.567	.03665	.39575	.03218	3.6513
#1	502.66	-.00054	.00880	.01180	.00141	519.94	.00311
#2	503.74	.00364	.01067	.01181	.00142	520.17	.00295
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value	500.00					500.00	
Range	100.00					100.00	

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00136	-.01245	.00174	194.27	-.00148	510.73	.00025
SDev	.00029	.00006	.00038	.33	.00068	.04	.00000
%RSD	21.097	.51026	21.767	.16995	45.891	.00729	.33475
#1	.00116	-.01240	.00147	194.04	-.00100	510.70	.00025
#2	.00156	-.01249	.00201	194.50	-.00196	510.76	.00025
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK	QC Pass	NOCHECK
Value				200.00		500.00	
Range				40.000		100.00	

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00224	.03842	.00034	.03828	-.02134	-.00149	.00403
SDev	.00037	.08038	.00015	.00048	.00230	.00138	.00117
%RSD	16.469	209.22	44.870	1.2445	10.782	92.608	28.997
#1	.00198	.09525	.00045	.03862	-.02297	-.00246	.00486
#2	.00250	-.01842	.00023	.03795	-.01971	-.00051	.00320
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00434	.00898	.00156	.00069	.01412	-.00124	.00228
SDev	.00419	.00300	.00025	.00001	.00015	.00010	.00101
%RSD	96.366	33.444	16.162	1.4163	1.0595	8.1855	44.169
#1	-.00730	.01110	.00173	.00070	.01402	-.00131	.00300
#2	-.00138	.00685	.00138	.00068	.01423	-.00117	.00157
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00448	.00017
SDev	.00181	.00029
%RSD	40.354	167.28
#1	.00320	-.00003
#2	.00576	.00038
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2467	--	--	--	--	--	--
SDev	5.197304	--	--	--	--	--	--
%RSD	.2106431	--	--	--	--	--	--
#1	2471	--	--	--	--	--	--
#2	2464	--	--	--	--	--	--

Analysis Report QC Standard 03/31/06 04:16:34 PM page 1

Method: TRACE2 Sample Name: ICSAB Operator: SW
Run Time: 03/31/06 16:11:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	510.47	.10328	.02059	.50937	.49258	530.43	.95616
SDev	2.11	.00375	.00032	.00269	.00169	2.41	.00282
%RSD	.41378	3.6322	1.5674	.52764	.34223	.45424	.29496
#1	508.98	.10063	.02082	.50747	.49139	528.72	.95417
#2	511.97	.10594	.02036	.51127	.49377	532.13	.95816
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48934	.48611	.53377	97.399	.00259	480.38	.49800
SDev	.00080	.00122	.00228	.246	.01932	1.44	.00119
%RSD	.16380	.25153	.42795	.25238	745.53	.30052	.23922
#1	.48878	.48524	.53216	97.225	.01625	479.35	.49716
#2	.48991	.48697	.53539	97.573	-.01107	481.40	.49884
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00237	.01695	.90910	.09416	.02929	.05089	.05035
SDev	.00166	.19872	.00357	.00096	.00183	.00090	.00137
%RSD	69.728	1172.2	.39242	1.0235	6.2437	1.7665	2.7137
#1	.00355	-.12357	.90658	.09484	.02800	.05026	.05132
#2	.00120	.15747	.91163	.09347	.03059	.05153	.04939
Errors	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value			1.0000			.05000	.05000
Range			.20000			.01000	.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.60576	.05568	.04769	.00088	.10871	.49986	.92625
SDev	.00489	.00178	.00294	.00017	.00753	.00185	.00238
%RSD	.80726	3.1907	6.1610	19.717	6.9304	.37056	.25659
#1	.60921	.05443	.04976	.00100	.10339	.49855	.92457
#2	.60230	.05694	.04561	.00076	.11404	.50117	.92793
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.60000				.10000	.50000	1.0000
Range	.12000				.02000	.10000	.20000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00683	.20936
SDev	.00081	.00042
%RSD	11.866	.20110
#1	.00740	.20907
#2	.00625	.20966
Errors	NOCHECK	QC Pass
Value		.20000
Range		.04000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2476	--	--	--	--	--	--
SDev	.2651650	--	--	--	--	--	--
%RSD	.0107081	--	--	--	--	--	--
#1	2476	--	--	--	--	--	--
#2	2476	--	--	--	--	--	--

Analysis Report QC Standard 03/31/06 04:22:44 PM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 03/31/06 16:17:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.548	.47141	.46005	.48656	.49631	24.494	.48420
SDev	.001	.00008	.00108	.00228	.00064	.034	.00126
%RSD	.00412	.01674	.23487	.46818	.12895	.14079	.25911
#1	24.548	.47147	.46081	.48818	.49676	24.518	.48509
#2	24.547	.47136	.45928	.48495	.49586	24.470	.48332
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49235	.49732	.50823	25.042	24.273	24.617	.50737
SDev	.00054	.00051	.00080	.039	.024	.027	.00048
%RSD	.10981	.10183	.15693	.15600	.09730	.10852	.09522
#1	.49273	.49768	.50879	25.070	24.290	24.636	.50772
#2	.49196	.49696	.50766	25.015	24.257	24.598	.50703
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49696	24.013	.49317	.49259	.49198	.49218	.48941
SDev	.00006	.006	.00192	.00142	.00198	.00085	.00255
%RSD	.01271	.02328	.38966	.28916	.40210	.17172	.52205
#1	.49692	24.009	.49453	.49360	.49058	.49158	.49122
#2	.49701	24.017	.49181	.49158	.49338	.49278	.48760
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49486	.48302	.49261	.50238	.49580	.49924	.49086
SDev	.00290	.00010	.00388	.00122	.00463	.00081	.00153
%RSD	.58509	.02019	.78790	.24272	.93318	.16301	.31184
#1	.49691	.48296	.49535	.50324	.49253	.49981	.49194
#2	.49281	.48309	.48986	.50152	.49907	.49866	.48978
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.49834	.48349
SDev	.00411	.00032
%RSD	.82561	.06589
#1	.50125	.48372
#2	.49543	.48327
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2687	--	--	--	--	--	--
SDev	.1061696	--	--	--	--	--	--
%RSD	.0039519	--	--	--	--	--	--
#1	2687	--	--	--	--	--	--
#2	2686	--	--	--	--	--	--

Analysis Report Blank Sample 03/31/06 04:27:35 PM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 03/31/06 16:22:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02881	.00223	.00062	.00013	.00020	.04826	.00010
SDev	.00647	.00097	.00058	.00014	.00006	.00368	.00007
%RSD	22.468	43.567	93.375	105.76	27.578	7.6286	74.751
#1	.02424	.00292	.00102	.00003	.00016	.04566	.00005
#2	.03339	.00154	.00021	.00023	.00024	.05086	.00015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00049	.00023	.00067	.02072	.00880	.02955	.00033
SDev	.00004	.00012	.00006	.01167	.00467	.00061	.00008
%RSD	7.7419	51.004	8.7523	56.300	53.122	2.0518	24.208
#1	.00052	.00015	.00071	.01247	.01210	.02912	.00028
#2	.00047	.00031	.00062	.02897	.00549	.02998	.00039
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00222	.15590	.00009	.00034	.00034	.00034	.00380
SDev	.00054	.10505	.00072	.00023	.00018	.00020	.00108
%RSD	24.274	67.383	808.00	67.855	53.202	58.078	28.375
#1	.00184	.08162	.00059	.00051	.00047	.00048	.00304
#2	.00260	.23018	-.00042	.00018	.00021	.00020	.00457
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00058	.00840	.00151	.00012	.00147	-.00006	.00022
SDev	.00056	.00101	.00213	.00017	.00036	.00009	.00020
%RSD	96.985	12.040	140.90	145.19	24.640	163.50	95.177
#1	-.00097	.00911	.00001	-.00000	.00121	-.00012	.00036
#2	-.00018	.00768	.00301	.00024	.00172	.00001	.00007
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00303	.00028
SDev	.00409	.00025
%RSD	135.15	89.995
#1	.00013	.00010
#2	.00592	.00045
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2694	--	--	--	--	--	--
SDev	2.068149	--	--	--	--	--	--
%RSD	.0767570	--	--	--	--	--	--
#1	2696	--	--	--	--	--	--
#2	2693	--	--	--	--	--	--

STL Buffalo
Date: 04/04/2006
Time: 09:40:16

METALS DIGESTION LOG
A6B16428 - 04/04/06 MC/SW TOTAL 3005 REDI (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After		Clarity Before/After		Textur
04/04/06	09:00	MAP	A06-3143	A6314301 *	A	FS	AD615194	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
04/04/06	09:00	MAP	A06-3143	A6314302 *	A	FS	AD615195	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
04/04/06	09:00	MAP	A06-3143	A6314303 *	A	FS	AD615196	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
04/04/06	09:00	MAP	A06-3143	A6314304 *	A	FS	AD615197	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
04/04/06	09:00	MAP	A06-3143	A6314305 *	A	FS	AD615198	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
04/04/06	09:00	MAP	A06-3443	A6344301	A	FS	AD615199	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
04/04/06	09:00	MAP	A06-3443	A6344301MS	A	MS	AD615200	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
04/04/06	09:00	MAP	A06-3443	A6344301SD	A	SD	AD615201	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
04/04/06	09:00	MAP	A06-3443	A6344302	A	FS	AD615202	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
04/04/06	09:00	MAP		A6B1642801	A	LFB	AD615203	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
04/04/06	09:00	MAP		A6B1642802	A	MBLK	AD615204	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE

Comments: EPPENDORF'S USED IN PARENTHESIS:
(MDL3) .250ml SN 1853714
QUALITY CONTROL ADDITIVES:
SPIKES ADDED / EPPENDORF (*) USED FOR SPIKING
A- 1 - W1 01-MDL-03 (MDL3) .25 ml PER 50ML FIN VOL
2 - W2 01-MDL-02 (MDL3) .25 ml PER 50ML FIN VOL
3 - Ag MSL0307 (MDL3) .25 ml PER 50ML FIN VOL
4 - Sn MSL0310 (MDL3) .25 ml PER 50ML FIN VOL
CONC. NITRIC ACID = 03-MDL-16
CONC. Hcl ACID = 03-MDL-12
HOT BLOCK TEMPERATURE = 120
SAMPLE TEMPERATURE = 96
BATCH ENDED = 04/04/06
DIGESTIVE CUP LOT = A511LS105

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Rediegestion

1082/1091

METALS DIGESTION LOG
A6B15944 - 03/28/06 SW8463 TOTAL 3005 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before	Color After	Clarity Before	Clarity After	Textur
)3/28/06	07:00	MAP	A06-3112	A6311201	A	FS	AD613822	A	TM	50.00	50.00	BROWN	YELLOW	CLOUDY	CLOUDY	NONE
)3/28/06	07:00	MAP	A06-3112	A6311202	A	FS	AD613823	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
)3/28/06	07:00	MAP	A06-3112	A6311203	A	FS	AD613824	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
)3/28/06	07:00	MAP	A06-3112	A6311203MS	A	MS	AD613825	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
)3/28/06	07:00	MAP	A06-3112	A6311203SD	A	SD	AD613826	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
)3/28/06	07:00	MAP	A06-3112	A6311204	A	FS	AD613827	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
)3/28/06	07:00	MAP	A06-3112	A6311205	A	FS	AD613828	A	TM	50.00	50.00	BROWN	YELLOW	CLOUDY	CLOUDY	NONE
)3/28/06	07:00	MAP	A06-3112	A6311206	A	FS	AD613829	A	TM	50.00	50.00	BROWN	YELLOW	CLOUDY	CLOUDY	NONE
)3/28/06	07:00	MAP	A06-3112	A6311207	A	FS	AD613830	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
)3/28/06	07:00	MAP	A06-3112	A6311208	A	FS	AD613831	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
)3/28/06	07:00	MAP	A06-3112	A6311209	A	FS	AD613832	A	TM	50.00	50.00	BROWN	YELLOW	CLOUDY	CLOUDY	NONE
)3/28/06	07:00	MAP	A06-3112	A6311210	A	FS	AD613833	A	TM	50.00	50.00	BROWN	YELLOW	CLOUDY	CLOUDY	NONE
)3/28/06	07:00	MAP	A06-3112	A6311211	A	FS	AD613834	A	TM	50.00	50.00	BROWN	YELLOW	CLOUDY	CLOUDY	NONE
)3/28/06	07:00	MAP	A06-3143	A6314301	A	FS	AD613835	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
)3/28/06	07:00	MAP	A06-3143	A6314302	A	FS	AD613836	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
)3/28/06	07:00	MAP	A06-3143	A6314303	A	FS	AD613837	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
)3/28/06	07:00	MAP	A06-3143	A6314304	A	FS	AD613838	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
)3/28/06	07:00	MAP	A06-3143	A6314305	A	FS	AD613839	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
)3/28/06	07:00	MAP		A6B1594401	A	LFB	AD613840	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
)3/28/06	07:00	MAP		A6B1594402	A	MBLK	AD613841	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE

Comments: EPPENDORF'S USED IN PARENTHESIS:
(MDL3) .250ml SN 1853714
QUALITY CONTROL ADDITIVES:
SPIKES ADDED / EPPENDORF (*) USED FOR SPIKING
A- 1 - W1 01-MDL-03 (MDL3) .25 ml PER 50ML FIN VOL
2 - W2 01-MDL-02 (MDL3) .25 ml PER 50ML FIN VOL
3 - Ag MSL0307 (MDL3) .25 ml PER 50ML FIN VOL
4 - Sn MSL0309 (MDL3) .25 ml PER 50ML FIN VOL

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

1083/1091

METALS DIGESTION LOG
A6B15944 - 03/28/06 SW8463 TOTAL 3005 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After	Clarity Before/After	Textur
				CONC. NITRIC ACID =	03-MDL-16									
				CONC. Hcl ACID =	03-MDL-02									
				HOT BLOCK TEMPERATURE =	121									
				SAMPLE TEMPERATURE =	96									
				BATCH ENDED =	03/28/06									
				DIGESTIVE CUP LOT =	A511LS105									

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

METALS DIGESTION LOG
A6B15929 - 03/27/2006 SW8463 Water Hg 7470 W2 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After		Clarity Before/After		Textur
3/27/06	08:00	MM	A06-3143	A6314301	A	FS	AD613728	A	MERCURY	30.00	50.00					
3/27/06	08:00	MM	A06-3143	A6314302	A	FS	AD613729	A	MERCURY	30.00	50.00					
3/27/06	08:00	MM	A06-3143	A6314303	A	FS	AD613730	A	MERCURY	30.00	50.00					
3/27/06	08:00	MM	A06-3143	A6314304	A	FS	AD613731	A	MERCURY	30.00	50.00					
3/27/06	08:00	MM	A06-3143	A6314305	A	FS	AD613732	A	MERCURY	30.00	50.00					
3/27/06	08:00	MM	A06-3144	A6314401	A	FS	AD613733	A	MERCURY	30.00	50.00					
3/27/06	08:00	MM	A06-3144	A6314402	A	FS	AD613734	A	MERCURY	30.00	50.00					
3/27/06	08:00	MM	A06-3144	A6314403	A	FS	AD613735	A	MERCURY	30.00	50.00					
3/27/06	08:00	MM	A06-3144	A6314404	A	FS	AD613736	A	MERCURY	30.00	50.00					
3/27/06	08:00	MM	A06-3144	A6314405	A	FS	AD613737	A	MERCURY	30.00	50.00					
3/27/06	08:00	MM	A06-3144	A6314406	A	FS	AD613738	A	MERCURY	30.00	50.00					
3/27/06	08:00	MM	A06-3144	A6314407	A	FS	AD613739	A	MERCURY	30.00	50.00					
3/27/06	08:00	MM	A06-3144	A6314408	A	FS	AD613740	A	MERCURY	30.00	50.00					
3/27/06	08:00	MM	A06-3144	A6314408MS	A	MS	AD613741	A	MERCURY	30.00	50.00					
3/27/06	08:00	MM	A06-3144	A6314408SD	A	SD	AD613742	A	MERCURY	30.00	50.00					
3/27/06	08:00	MM	A06-3144	A6314409	A	FS	AD613743	A	MERCURY	30.00	50.00					
3/27/06	08:00	MM	A06-3149	A6314901	A	FS	AD613744	A	MERCURY	30.00	50.00					
3/27/06	08:00	MM	A06-3151	A6315101	A	FS	AD613745	A	MERCURY	30.00	50.00					
3/27/06	08:00	MM	A06-3151	A6315102	A	FS	AD613746	A	MERCURY	30.00	50.00					
3/27/06	08:00	MM	A06-3151	A6315103	A	FS	AD613747	A	MERCURY	30.00	50.00					
3/27/06	08:00	MM	A06-3151	A6315104	A	FS	AD613748	A	MERCURY	30.00	50.00					
3/27/06	08:00	MM	A06-3151	A6315105	A	FS	AD613749	A	MERCURY	30.00	50.00					
3/27/06	08:00	MM	A06-3151	A6315105MS	A	MS	AD613750	A	MERCURY	30.00	50.00					
3/27/06	08:00	MM	A06-3151	A6315105SD	A	SD	AD613751	A	MERCURY	30.00	50.00					
3/27/06	08:00	MM		A6B1592901	A	LCS	AD613752	A	MERCURY	30.00	50.00					
3/27/06	08:00	MM		A6B1592902	A	MBLK	AD613753	A	MERCURY	30.00	50.00					

Comments: EPPENDORF USED TO ADD SPIKES:
HGL-5 2ml; HGL-4 1mL

olor: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

Redigestion

1085/1091

METALS DIGESTION LOG
A6B15929 - 03/27/2006 SW8463 Water Hg 7470 W2 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After	Clarity Before/After	Textur

EPPENDORFS USED TO DISPENSE SET VOLUMES:
HGL-1 .1mL HGL-4 1mL
HGL-2 .2mL HGL-5 2mL
HGL-3 .5mL HGL-6 5mL
MERCURY BATCH ADDITIONS
1.) HgLCS/MS/SD (W) 4-009-B
2.) Potassium Persulfate 3-128-R
3.) Potassium Permanganate 3-187-Q
4.) Stannous Chloride 3-182-U
5.) Hydroxylamine Hydrochloride 3-187-S
6.) HgLCS (S) 7-HGL-1
CONC. NITRIC ACID - J.T. BAKER LOT# B25031
CONC. HCL ACID - MALLINKRODT LOT# A51A00
CONC. SULFURIC ACID - MALLINKRODT LOT# 5557 B05H10
HOT BLOCK A TEMP FROM DESIGNATED CELL: (94)°C
HOT BLOCK B TEMP FROM DESIGNATED CELL: (95)°C
TEMP CRITERIA: 95(+-)3°C
DIGESTION CUPS ENVIROMENTAL EXPRESS LOT# A511LS105

olor: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

Redigestion

1086/1091

1087/1091
L10327 U2
3/27/06
L1
MM

WinHg Database 1.1

File Utility Help

RN⇩ RN⇧ ?

Protocol hgppb Dataset/Proto L10327U2/hgppb

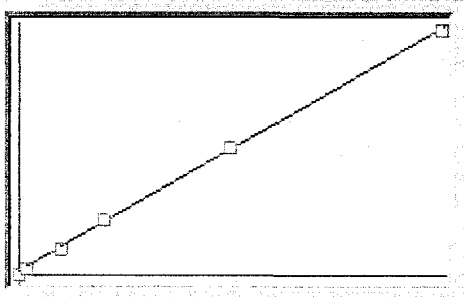
Protocol | Line info | Cal Curve | Report | Ctrl Chart | Viewer

Reset
Calib Coeffs
New Cal
Update Coeffs
Spike Coeffs

A
B 8.31115e-6
C -1.45467e-1
rho .999765

☑ Calibrated
☑ Accepted
Accept
Type Linear

Rel. Abs. 1212126
Accepted
New



Conc. 10.0

Include S9 Rep 1 2 3 4 5

S	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3
01	.00000	-.073	-.073	8667	2404	8231	11260	6512
02	.20000	.160	-.040	36769	5.86%	38318	37681	34308
03	1.0000	.974	-.026	134637	3.42%	139675	133568	130666
04	2.0000	2.11	.114	271907	1.9%	276678	272615	266429
05	5.0000	5.10	.097	630739	1.37%	632001	638696	621523
06	10.000	9.93	-.071	1212126	0.67%	1219252	1213846	1203283

Ready CAP NUM

4-C09-K
-E
-F
-G
-H
-I

Batch # AGB15929

Line Conc. Units SD/RSD 1 2 3 4 5

4-009-J *** Check Standard: 2 Ck2ICV Seq: 28 15:36:23 27 Mar 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.	3.04	3.00	ppb	.000

4-009-K *** Check Standard: 1 Ck1ICB/CCB Seq: 29 15:37:32 27 Mar 06 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.183	.200	ppb	.000

4-009-L *** Check Standard: 4 Ck4CRA Seq: 30 15:38:44 27 Mar 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		96.1	.192	.200	ppb	.000

4-009-M *** Check Standard: 3 Ck3CCV Seq: 31 15:40:40 27 Mar 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		108.	2.16	2.00	ppb	.000

4-009-K *** Check Standard: 1 Ck1ICB/CCB Seq: 32 15:41:51 27 Mar 06 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.188	.200	ppb	.000

*** Sample ID: AD613728 Seq: 33 15:42:58 27 Mar 06 HG

Hg -.083 ppb .000 -.083

*** Sample ID: AD613729 Seq: 34 15:44:04 27 Mar 06 HG

Hg -.079 ppb .000 -.079

*** Sample ID: AD613730 Seq: 35 15:45:08 27 Mar 06 HG

Hg -.057 ppb .000 -.057

*** Sample ID: AD613731 Seq: 36 15:46:23 27 Mar 06 HG

Hg -.159 ppb .000 -.159

*** Sample ID: AD613732 Seq: 37 15:47:29 27 Mar 06 HG

Hg -.101 ppb .000 -.101

*** Sample ID: AD613733 Seq: 38 15:48:35 27 Mar 06 HG

Hg -.140 ppb .000 -.140

*** Sample ID: AD613734 Seq: 39 15:49:41 27 Mar 06 HG

Hg -.083 ppb .000 -.083

*** Sample ID: AD613735 Seq: 40 15:51:20 27 Mar 06 HG

Hg -.057 ppb .000 -.057

Folder: L10327W2
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: AD613736 Seq: 41 15:52:26 27 Mar 06 HG

Hg -.085 ppb .000 -.085

*** Sample ID: AD613737 Seq: 42 15:53:32 27 Mar 06 HG

Hg -.163 ppb .000 -.163

*** Check Standard: 3 Ck3CCV Seq: 43 15:54:38 27 Mar 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		104.	2.09	2.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 46 16:00:37 27 Mar 06 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.056	.200	ppb	.000

*** Sample ID: AD613738 Seq: 47 16:02:15 27 Mar 06 HG

Hg -.118 ppb .000 -.118

*** Sample ID: AD613739 Seq: 48 16:03:21 27 Mar 06 HG

Hg -.123 ppb .000 -.123

*** Sample ID: AD613740 Seq: 49 16:04:29 27 Mar 06 HG

Hg -.130 ppb .000 -.130

*** Sample ID: AD613740L Seq: 50 16:05:35 27 Mar 06 HG
1:3
Hg -.125 ppb .000 -.125

*** Sample ID: AD613741 Seq: 51 16:06:41 27 Mar 06 HG
+4 PPB
Hg 3.91 ppb .000 3.91

*** Sample ID: AD613742 Seq: 52 16:07:59 27 Mar 06 HG
+4 PPB
Hg 3.96 ppb .000 3.96

*** Sample ID: AD613743 Seq: 53 16:09:07 27 Mar 06 HG

Hg -.203 ppb .000 -.203

*** Sample ID: AD613744 Seq: 54 16:10:15 27 Mar 06 HG

Hg -.148 ppb .000 -.148

*** Sample ID: AD613745 Seq: 55 16:11:31 27 Mar 06 HG

Hg -.081 ppb .000 -.081

```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-------------------------------------------------------------------------------

*** Sample ID: AD613746              Seq:  56     16:12:49 27 Mar 06   HG

Hg   -.086    ppb       .000     -.086
                                                                          =
*** Check Standard: 3  Ck3CCV        Seq:  57     16:13:56 27 Mar 06   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          106.     2.11    2.00  ppb         .000
                                                                          =
*** Check Standard: 1  Ck1ICB/CCB    Seq:  58     16:15:02 27 Mar 06   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.183     .200     ppb         .000
                                                                          =
*** Sample ID: AD613747              Seq:  59     16:16:12 27 Mar 06   HG

Hg   -.052    ppb       .000     -.052
                                                                          =
===========================================================================
*** Sample ID: AD613748              Seq:  60     16:17:29 27 Mar 06   HG

Hg   -.130    ppb       .000     -.130
                                                                          =
===========================================================================
*** Sample ID: AD613749              Seq:  61     16:18:48 27 Mar 06   HG

Hg   -.119    ppb       .000     -.119
                                                                          =
===========================================================================
*** Sample ID: AD613749L             Seq:  62     16:20:09 27 Mar 06   HG
                          1:3
Hg   -.079    ppb       .000     -.079
                                                                          =
===========================================================================
*** Sample ID: AD613750              Seq:  63     16:21:17 27 Mar 06   HG
                        +4 PPB
Hg    4.06    ppb       .000      4.06
                                                                          =
===========================================================================
*** Sample ID: AD613751              Seq:  64     16:22:34 27 Mar 06   HG
                        +4 PPB
Hg    4.21    ppb       .000      4.21
                                                                          =
===========================================================================
*** Sample ID: AD613752              Seq:  65     16:23:55 27 Mar 06   HG
 SPIKED
Hg    1.94    ppb       .000      1.94
                                                                          =
*** %Rec.  ID: AD613752              Seq:  66     16:23:55 27 Mar 06   HG
                      Spikes =1  Unspiked =0
      Spike             %Rcv.    Avg(U)   SD(U)    Avg(S)   SD(S)
Hg    2.00    ppb        97.2     .000    .000      1.94    .000          =

*** Sample ID: AD613753              Seq:  67     16:25:01 27 Mar 06   HG

Hg   -.197    ppb       .000     -.197
                                                                          =
*** Check Standard: 3  Ck3CCV        Seq:  68     16:26:07 27 Mar 06   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          103.     2.06    2.00  ppb         .000
                                                                          =
```

Folder: L10327W2
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Check Standard: 1 Ck1ICB/CCB Seq: 69 16:27:15 27 Mar 06 HG									
Line	Flag	Found	Range(+/-)	Units	SD/RSD				
Hg		-.154	.200	ppb	.000				=
*** Sample ID: AD613743 Seq: 70 07:32:52 28 Mar 06 HG									
Hg		-.063	ppb	.000	-.063				=
*** Check Standard: 3 Ck3CCV Seq: 71 07:35:14 28 Mar 06 HG									
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg	L	87.0	1.74	2.00	ppb	.000			=
*** Check Standard: 1 Ck1ICB/CCB Seq: 72 07:36:23 28 Mar 06 HG									
Line	Flag	Found	Range(+/-)	Units	SD/RSD				
Hg		-.075	.200	ppb	.000				=

ANALYTICAL REPORT

Job#: A06-6915,A06-7101

STL Project#: NY5A9393.3
SDG#: A66915
Site Name: Ecology and Environment NYSDEC Standby
Task: New Moreau Dredge Spoils Site-002699.ID06

Mr. Gene Florentino
Ecology and Environment
368 Pleasant View Drive
Lancaster, NY 14086

STL Buffalo

Anthony E. Bogolin
Project Manager

07/12/2006

STL Buffalo
Current Certifications

As of 4/10//2006

STATE	Program	Cert # / Lab ID
AFCEE	AFCEE	
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP CWA, RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA,ASP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
Tennessee	SDWA	02970
USACE	USACE	
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA,RCRA	C1677
West Virginia	CWA,RCRA	252
Wisconsin	CWA	998310390

Sample Data Summary Package

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A6710101	NM-MW-01-GW	WATER	06/20/2006	08:01	06/22/2006	18:20
A6691510	NM-MW-02-GW	WATER	06/16/2006	11:02	06/16/2006	16:45
A6691510MS	NM-MW-02-GW	WATER	06/16/2006	11:02	06/16/2006	16:45
A6691510SD	NM-MW-02-GW	WATER	06/16/2006	11:02	06/16/2006	16:45
A6710102	NM-MW-03-GW	WATER	06/19/2006	18:17	06/22/2006	18:20
A6710103	NM-MW-04-GW	WATER	06/19/2006	15:08	06/22/2006	18:20
A6710104	NM-MW-05-GW	WATER	06/19/2006	16:03	06/22/2006	18:20
A6710105	NM-MW-06-GW	WATER	06/19/2006	17:33	06/22/2006	18:20
A6691507	NM-MW-DEC-GW	WATER	06/16/2006	10:17	06/16/2006	16:45
A6691508	NM-MW-DOT-GW	WATER	06/16/2006	10:00	06/16/2006	16:45
A6691501	NM-MW-MPI-01-GW	WATER	06/15/2006	17:15	06/16/2006	16:45
A6691502	NM-MW-MPI-02-GW	WATER	06/15/2006	18:04	06/16/2006	16:45
A6691503	NM-MW-MPI-03-GW	WATER	06/15/2006	19:33	06/16/2006	16:45
A6691504	NM-MW-MPI-04-GW	WATER	06/16/2006	08:46	06/16/2006	16:45
A6691505	NM-MW-MPI-05-GW	WATER	06/15/2006	19:47	06/16/2006	16:45
A6691506	NM-MW-MPI-06-GW	WATER	06/15/2006	18:00	06/16/2006	16:45
A6691509	NM-MW-MPI-06-GW/D	WATER	06/15/2006	18:00	06/16/2006	16:45

METHODS SUMMARY

Job#: A06-6915,A06-7101

STL Project#: NY5A9393.3
SDG#: A66915
Site Name: Ecology and Environment NYSDEC Standby

PARAMETER	ANALYTICAL METHOD
METHOD 8082 - POLYCHLORINATED BIPHENYLS	SW8463 8082
Aluminum - Total	SW8463 6010
Antimony - Total	SW8463 6010
Arsenic - Total	SW8463 6010
Barium - Total	SW8463 6010
Beryllium - Total	SW8463 6010
Cadmium - Total	SW8463 6010
Calcium - Total	SW8463 6010
Chromium - Total	SW8463 6010
Cobalt - Total	SW8463 6010
Copper - Total	SW8463 6010
Iron - Total	SW8463 6010
Lead - Total	SW8463 6010
Magnesium - Total	SW8463 6010
Manganese - Total	SW8463 6010
Mercury - Total	SW8463 7470
Nickel - Total	SW8463 6010
Potassium - Total	SW8463 6010
Selenium - Total	SW8463 6010
Silver - Total	SW8463 6010
Sodium - Total	SW8463 6010
Thallium - Total	SW8463 6010
Vanadium - Total	SW8463 6010
Zinc - Total	SW8463 6010

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

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION
AND
ANALYTICAL REQUEST SUMMARY

LAB NAME: SEVERN TRENT LABORATORIES, INC.

CUSTOMER SAMPLE ID	LABORATORY SAMPLE ID	ANALYTICAL REQUIREMENTS						
		VOA GC/MS	BNA GC/MS	VOA GC	PEST PCB	METALS	TCLP HERB	WATER QUALITY
NM-MW-01-GW	A6710101	-	-	-	SW8463	SW8463	-	-
NM-MW-02-GW	A6691510	-	-	-	SW8463	SW8463	-	-
NM-MW-03-GW	A6710102	-	-	-	SW8463	SW8463	-	-
NM-MW-04-GW	A6710103	-	-	-	SW8463	SW8463	-	-
NM-MW-05-GW	A6710104	-	-	-	SW8463	SW8463	-	-
NM-MW-06-GW	A6710105	-	-	-	SW8463	SW8463	-	-
NM-MW-DEC-GW	A6691507	-	-	-	SW8463	SW8463	-	-
NM-MW-DOT-GW	A6691508	-	-	-	SW8463	SW8463	-	-
NM-MW-MPI-01-GW	A6691501	-	-	-	SW8463	SW8463	-	-
NM-MW-MPI-02-GW	A6691502	-	-	-	SW8463	SW8463	-	-
NM-MW-MPI-03-GW	A6691503	-	-	-	SW8463	SW8463	-	-
NM-MW-MPI-04-GW	A6691504	-	-	-	SW8463	SW8463		-
NM-MW-MPI-05-GW	A6691505	-	-	-	SW8463	SW8463	-	-
NM-MW-MPI-06-GW	A6691506	-	-	-	SW8463	SW8463	-	-
NM-MW-MPI-06-GW/D	A6691509	-	-	-	SW8463	SW8463	-	-

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
PESTICIDE/PCB ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
NM-MW-01-GW	WATER	06/20/2006	06/22/2006	06/27/2006	06/28/2006
NM-MW-02-GW	WATER	06/16/2006	06/16/2006	06/19/2006	06/21/2006
NM-MW-03-GW	WATER	06/19/2006	06/22/2006	06/27/2006	06/28/2006
NM-MW-04-GW	WATER	06/19/2006	06/22/2006	06/27/2006	06/28/2006
NM-MW-05-GW	WATER	06/19/2006	06/22/2006	06/27/2006	06/28/2006
NM-MW-06-GW	WATER	06/19/2006	06/22/2006	06/27/2006	06/28/2006
NM-MW-DEC-GW	WATER	06/16/2006	06/16/2006	06/19/2006	06/20/2006
NM-MW-DOT-GW	WATER	06/16/2006	06/16/2006	06/19/2006	06/20/2006
NM-MW-MPI-01-GW	WATER	06/15/2006	06/16/2006	06/19/2006	06/20/2006
NM-MW-MPI-02-GW	WATER	06/15/2006	06/16/2006	06/19/2006	06/20/2006
NM-MW-MPI-03-GW	WATER	06/15/2006	06/16/2006	06/19/2006	06/20/2006
NM-MW-MPI-04-GW	WATER	06/16/2006	06/16/2006	06/19/2006	06/20/2006
NM-MW-MPI-05-GW	WATER	06/15/2006	06/16/2006	06/19/2006	06/20/2006
NM-MW-MPI-06-GW	WATER	06/15/2006	06/16/2006	06/19/2006	06/20/2006
NM-MW-MPI-06-GW/ D	WATER	06/15/2006	06/16/2006	06/19/2006	06/20/2006

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYTICAL SUMMARY
INORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	METALS REQUESTED	DATE RECEIVED AT LAB	DATE DIGESTED	DATE ANALYZED
NM-MW-01-GW	WATER	TAL M W	06/22/2006	06/22/2006,06/26/2006	06/23/2006,06/26/2006
NM-MW-02-GW	WATER	TAL M W	06/16/2006	06/19/2006,06/20/2006	06/19/2006,06/21/2006
NM-MW-03-GW	WATER	TAL M W	06/22/2006	06/22/2006,06/26/2006	06/23/2006,06/26/2006
NM-MW-04-GW	WATER	TAL M W	06/22/2006	06/22/2006,06/26/2006	06/23/2006,06/26/2006
NM-MW-05-GW	WATER	TAL M W	06/22/2006	06/22/2006,06/26/2006	06/23/2006,06/26/2006
NM-MW-06-GW	WATER	TAL M W	06/22/2006	06/22/2006,06/26/2006	06/23/2006,06/26/2006
NM-MW-DEC-GW	WATER	TAL M W	06/16/2006	06/19/2006,06/20/2006	06/19/2006,06/21/2006
NM-MW-DOT-GW	WATER	TAL M W	06/16/2006	06/19/2006,06/20/2006	06/19/2006,06/21/2006
NM-MW-MPI-01-GW	WATER	TAL M W	06/16/2006	06/19/2006,06/20/2006	06/19/2006,06/21/2006
NM-MW-MPI-02-GW	WATER	TAL M W	06/16/2006	06/19/2006,06/20/2006	06/19/2006,06/21/2006
NM-MW-MPI-03-GW	WATER	TAL M W	06/16/2006	06/19/2006,06/20/2006	06/19/2006,06/21/2006
NM-MW-MPI-04-GW	WATER	TAL M W	06/16/2006	06/19/2006,06/20/2006	06/19/2006,06/21/2006
NM-MW-MPI-05-GW	WATER	TAL M W	06/16/2006	06/20/2006	06/19/2006,06/21/2006
NM-MW-MPI-06-GW	WATER	TAL M W	06/16/2006	06/19/2006,06/20/2006	06/19/2006,06/21/2006
NM-MW-MPI-06-GW /D	WATER	TAL M W	06/16/2006	06/19/2006,06/20/2006	06/19/2006,06/21/2006

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
ORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILIARY CLEAN UP	DIL/CONC FACTOR
NM-MW-01-GW	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MW-02-GW	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MW-03-GW	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MW-04-GW	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MW-05-GW	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MW-06-GW	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MW-DEC-GW	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MW-DOT-GW	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MW-MPI-01-GW	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MW-MPI-02-GW	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MW-MPI-03-GW	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MW-MPI-04-GW	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MW-MPI-05-GW	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MW-MPI-06-GW	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MW-MPI-06-GW/ D	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

LABORATORY SAMPLE CODE	MATRIX	ANALYTICAL PROTOCOL	DIGESTION PROCEDURE	MATRIX MODIFIER	DIL/CONC FACTOR
NM-MW-01-GW	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MW-02-GW	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MW-03-GW	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MW-04-GW	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MW-05-GW	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MW-06-GW	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MW-DEC-GW	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MW-DOT-GW	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MW-MPI-01-GW	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MW-MPI-02-GW	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MW-MPI-03-GW	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MW-MPI-04-GW	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MW-MPI-05-GW	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MW-MPI-06-GW	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MW-MPI-06-GW/D	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED

NON-CONFORMANCE SUMMARY

Job#: A06-6915,A06-7101

STL Project#: NY5A9393.3
SDG#: A66915
Site Name: Ecology and Environment NYSDEC Standby

General Comments

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

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

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

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

Sample Receipt Comments

A06-6915
Sample Cooler(s) were received at the following temperature(s); 7@2.0 °C
All samples were received in good condition.
A06-7101
Sample Cooler(s) were received at the following temperature(s); 5 @ 2.0 °C
All samples were received in good condition.

GC Extractable Data

For method 8082, samples NM-MW-03-GW, NM-MW-04-GW, NM-MW-05-GW,and NM-MW-06-GW were analyzed one-day past the 7-day technical hold time for this method. It is the laboratory's opinion that the PCB data and results are uneffected.

For Method 8082, all samples (except NM-MW-05-GW and NM-MW-06-GW) and batch QC had recoveries of surrogates Tetrachloro-m-xylene and/or Decachlorbiphenyl outside project established control limits, but within the laboratory control limits. No further corrective action was taken.

For method 8082, the recovery of surrogate Decachlorobiphenyl in sample NM-MW-01-GW is outside of established quality control limits due to the sample matrix. The recovery of surrogate Tetrachloro-m-xylene is within quality control limits therefore no further corrective action is required.

Metals Data

The analyte Beryllium was detected in the Method Blank, ICB's, and several CCB's at levels above the project established reporting limit. The requested reporting limit for Beryllium is below STL's standard reporting limit and, therefore, no corrective action has been taken for any anomalous detections. It must be noted that results reported below STL's standard reporting limit may result in false positive/false negative results, less accurate quantitation and potential misidentification at the lower concentrations.

The value obtained for Aluminum on sample NM-MW-DOT-GW; the values obtained for Aluminum, Arsenic, Barium, Beryllium, Calcium, Cobalt, Chromium, Copper, Iron, Potassium, Magnesium, Manganese, Nickel, Lead, Vanadium, and Zinc on sample NM-MW-01-GW; the value obtained for Beryllium on sample NM-MW-06-GW, the values obtained for Aluminum and Beryllium on sample NM-MW-04-GW; the values obtained for Beryllium on sample NM-MW-05-GW and MN-MW-06-GW are inconsistent with historical trends. Reanalysis was performed and the values were confirmed. Only the results from the original analysis are provided in this data package.

****

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

STL

DATA QUALIFIER PAGE

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

ORGANIC DATA QUALIFIERS

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

INORGANIC DATA QUALIFIERS

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

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

14/1248

Client No.

NM-MW-01-GW

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix: (soil/water) WATER Lab Sample ID: A6710101

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 12B47032.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 06/20/2006 06/22/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 06/27/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/28/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-02-GW

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix: (soil/water) WATER Lab Sample ID: A6691510

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 12B46131.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 06/16/2006 06/16/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 06/19/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/21/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

16/1248

Client No.

NM-MW-03-GW

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix: (soil/water) WATER Lab Sample ID: A6710102

Sample wt/vol: 1055.00 (g/mL) ML Lab File ID: 12B47033.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 06/19/2006 06/22/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 06/27/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/28/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.47	U
11104-28-2	Aroclor 1221	0.47	U
11141-16-5	Aroclor 1232	0.47	U
53469-21-9	Aroclor 1242	0.47	U
12672-29-6	Aroclor 1248	0.47	U
11097-69-1	Aroclor 1254	0.47	U
11096-82-5	Aroclor 1260	0.47	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.: NM-MW-04-GW

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix: (soil/water) WATER Lab Sample ID: A6710103

Sample wt/vol: 1060.00 (g/mL) ML Lab File ID: 12B47034.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 06/19/2006 06/22/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 06/27/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/28/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.47	U
11104-28-2	Aroclor 1221	0.47	U
11141-16-5	Aroclor 1232	0.47	U
53469-21-9	Aroclor 1242	0.47	U
12672-29-6	Aroclor 1248	0.47	U
11097-69-1	Aroclor 1254	0.47	U
11096-82-5	Aroclor 1260	0.47	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-05-GW

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix: (soil/water) WATER Lab Sample ID: A6710104

Sample wt/vol: 1060.00 (g/mL) ML Lab File ID: 12B47037.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 06/19/2006 06/22/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 06/27/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/28/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.47	U
11104-28-2	Aroclor 1221	0.47	U
11141-16-5	Aroclor 1232	0.47	U
53469-21-9	Aroclor 1242	0.47	U
12672-29-6	Aroclor 1248	0.47	U
11097-69-1	Aroclor 1254	0.47	U
11096-82-5	Aroclor 1260	0.47	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-06-GW

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix: (soil/water) WATER Lab Sample ID: A6710105

Sample wt/vol: 1060.00 (g/mL) ML Lab File ID: 12B47038.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 06/19/2006 06/22/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 06/27/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/28/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.47	U
11104-28-2	Aroclor 1221	0.47	U
11141-16-5	Aroclor 1232	0.47	U
53469-21-9	Aroclor 1242	0.47	U
12672-29-6	Aroclor 1248	0.47	U
11097-69-1	Aroclor 1254	0.47	U
11096-82-5	Aroclor 1260	0.47	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-DEC-GW

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix: (soil/water) WATER Lab Sample ID: A6691507

Sample wt/vol: 1060.00 (g/mL) ML Lab File ID: 12B46128.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 06/16/2006 06/16/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 06/19/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/20/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.47	U
11104-28-2	Aroclor 1221	0.47	U
11141-16-5	Aroclor 1232	0.47	U
53469-21-9	Aroclor 1242	0.47	U
12672-29-6	Aroclor 1248	0.47	U
11097-69-1	Aroclor 1254	0.47	U
11096-82-5	Aroclor 1260	0.47	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.: NM-MW-DOT-GW

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix: (soil/water) WATER Lab Sample ID: A6691508

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 12B46129.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 06/16/2006 06/16/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 06/19/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/20/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-MPI-01-GW

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix: (soil/water) WATER Lab Sample ID: A6691501

Sample wt/vol: 1060.00 (g/mL) ML Lab File ID: 12B46120.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 06/15/2006 06/16/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 06/19/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/20/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.36	J
11104-28-2	Aroclor 1221	0.47	U
11141-16-5	Aroclor 1232	0.47	U
53469-21-9	Aroclor 1242	0.47	U
12672-29-6	Aroclor 1248	0.47	U
11097-69-1	Aroclor 1254	0.47	U
11096-82-5	Aroclor 1260	0.47	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-MPI-02-GW

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix: (soil/water) WATER Lab Sample ID: A6691502

Sample wt/vol: 1060.00 (g/mL) ML Lab File ID: 12B46121.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 06/15/2006 06/16/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 06/19/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/20/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.32	J
11104-28-2	Aroclor 1221	0.47	U
11141-16-5	Aroclor 1232	0.47	U
53469-21-9	Aroclor 1242	0.47	U
12672-29-6	Aroclor 1248	0.47	U
11097-69-1	Aroclor 1254	0.47	U
11096-82-5	Aroclor 1260	0.47	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-MPI-03-GW

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix: (soil/water) WATER Lab Sample ID: A6691503

Sample wt/vol: 1060.00 (g/mL) ML Lab File ID: 12B46124.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 06/15/2006 06/16/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 06/19/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/20/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.26	J
11104-28-2	Aroclor 1221	0.47	U
11141-16-5	Aroclor 1232	0.47	U
53469-21-9	Aroclor 1242	0.47	U
12672-29-6	Aroclor 1248	0.47	U
11097-69-1	Aroclor 1254	0.47	U
11096-82-5	Aroclor 1260	0.47	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-MPI-04-GW

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix: (soil/water) WATER Lab Sample ID: A6691504

Sample wt/vol: 1055.00 (g/mL) ML Lab File ID: 12B46125.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 06/16/2006 06/16/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 06/19/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/20/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	1.7	
11104-28-2	Aroclor 1221	0.47	U
11141-16-5	Aroclor 1232	0.47	U
53469-21-9	Aroclor 1242	0.47	U
12672-29-6	Aroclor 1248	0.47	U
11097-69-1	Aroclor 1254	0.47	U
11096-82-5	Aroclor 1260	0.47	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-MPI-05-GW

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix: (soil/water) WATER Lab Sample ID: A6691505

Sample wt/vol: 1060.00 (g/mL) ML Lab File ID: 12B46126.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 06/15/2006 06/16/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 06/19/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/20/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.47	U
11104-28-2	Aroclor 1221	0.47	U
11141-16-5	Aroclor 1232	0.47	U
53469-21-9	Aroclor 1242	0.47	U
12672-29-6	Aroclor 1248	0.47	U
11097-69-1	Aroclor 1254	0.47	U
11096-82-5	Aroclor 1260	0.47	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-MPI-06-GW

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix: (soil/water) WATER Lab Sample ID: A6691506

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 12B46127.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 06/15/2006 06/16/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 06/19/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/20/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-MPI-06-GW/D

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix: (soil/water) WATER Lab Sample ID: A6691509

Sample wt/vol: 1060.00 (g/mL) ML Lab File ID: 12B46130.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 06/15/2006 06/16/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 06/19/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/20/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.18	J
11104-28-2	Aroclor 1221	0.47	U
11141-16-5	Aroclor 1232	0.47	U
53469-21-9	Aroclor 1242	0.47	U
12672-29-6	Aroclor 1248	0.47	U
11097-69-1	Aroclor 1254	0.47	U
11096-82-5	Aroclor 1260	0.47	U

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-01-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Matrix (soil/water): WATER Lab Sample ID: AD636749

Level (low/med): LOW Date Received: 6/22/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20900			P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	14.8			P
7440-39-3	Barium	147			P
7440-41-7	Beryllium	1.2			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	64300			P
7440-47-3	Chromium	22.6			P
7440-48-4	Cobalt	9.2			P
7440-50-8	Copper	26.8			P
7439-89-6	Iron	23200			P
7439-92-1	Lead	10.0			P
7439-95-4	Magnesium	20100			P
7439-96-5	Manganese	440			P
7440-02-0	Nickel	20.8			P
7440-09-7	Potassium	6160			P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	28200			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	32.7			P
7440-66-6	Zinc	57.2			P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-02-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Matrix (soil/water): WATER Lab Sample ID: AD635968

Level (low/med): LOW Date Received: 6/16/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	32.2			P
7440-41-7	Beryllium	0.11	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	41800			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	44600			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	9610			P
7439-96-5	Manganese	1150			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	1690			P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	5920			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-03-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Matrix (soil/water): WATER Lab Sample ID: AD636750

Level (low/med): LOW Date Received: 6/22/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	11.2			P
7440-41-7	Beryllium	0.17			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	68600			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	10.3			P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	105000			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	19500			P
7439-96-5	Manganese	2060			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	500	U		P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	10100			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-04-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Matrix (soil/water): WATER Lab Sample ID: AD636751

Level (low/med): LOW Date Received: 6/22/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1380			P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	23.5			P
7440-39-3	Barium	93.4			P
7440-41-7	Beryllium	0.15			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	58700			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	5.5			P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	111000			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	10600			P
7439-96-5	Manganese	1730			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	2260			P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	5410			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: YELLOW Clarity Before: CLOUDY Texture: NONE

Color After: YELLOW Clarity After: CLOUDY Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-05-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Matrix (soil/water): WATER Lab Sample ID: AD636752

Level (low/med): LOW Date Received: 6/22/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	98.9			P
7440-41-7	Beryllium	0.07			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	89100			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.6			P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	24000			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	17900			P
7439-96-5	Manganese	2960			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	841			P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	20900			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-06-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Matrix (soil/water): WATER Lab Sample ID: AD636753

Level (low/med): LOW Date Received: 6/22/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	85.0			P
7440-41-7	Beryllium	0.14			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	60300			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	8790			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	13900			P
7439-96-5	Manganese	665			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	935			P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	57300			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-DEC-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Matrix (soil/water): WATER Lab Sample ID: AD635965

Level (low/med): LOW Date Received: 6/16/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	93.9			P
7440-41-7	Beryllium	0.11	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	160000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	19500			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	30900			P
7439-96-5	Manganese	738			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	15000			P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	14400			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-DOT-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Matrix (soil/water): WATER Lab Sample ID: AD635966

Level (low/med): LOW Date Received: 6/16/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	693			P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	555			P
7440-41-7	Beryllium	0.17			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	177000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	84600			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	34300			P
7439-96-5	Manganese	453			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	3670			P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	5620			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-MPI-01-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Matrix (soil/water): WATER Lab Sample ID: AD635959

Level (low/med): LOW Date Received: 6/16/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	871			P
7440-41-7	Beryllium	0.11	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	188000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	90000			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	37800			P
7439-96-5	Manganese	412			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	3530			P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	6720			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-MPI-02-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Matrix (soil/water): WATER Lab Sample ID: AD635960

Level (low/med): LOW Date Received: 6/16/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	877			P
7440-41-7	Beryllium	0.18			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	197000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	91600			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	36200			P
7439-96-5	Manganese	461			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	3540			P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	6840			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-MPI-03-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Matrix (soil/water): WATER Lab Sample ID: AD635961

Level (low/med): LOW Date Received: 6/16/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	851			P
7440-41-7	Beryllium	0.11	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	196000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	86300			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	35000			P
7439-96-5	Manganese	389			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	3450			P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	5950			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-MPI-04-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Matrix (soil/water): WATER Lab Sample ID: AD635962

Level (low/med): LOW Date Received: 6/16/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	884			P
7440-41-7	Beryllium	0.11			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	180000			P
7440-47-3	Chromium	4.5			P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	97300			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	36600			P
7439-96-5	Manganese	233			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	4660			P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	10300			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-MPI-05-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Matrix (soil/water): WATER Lab Sample ID: AD635963

Level (low/med): LOW Date Received: 6/16/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	816			P
7440-41-7	Beryllium	0.11	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	219000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	86500			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	33300			P
7439-96-5	Manganese	221			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	3190			P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	11100			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-MPI-06-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Matrix (soil/water): WATER Lab Sample ID: AD635964

Level (low/med): LOW Date Received: 6/16/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	756			P
7440-41-7	Beryllium	0.11			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	210000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	80300			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	41100			P
7439-96-5	Manganese	208			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	2200			P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	9090			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-MPI-06-GW/D

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Matrix (soil/water): WATER Lab Sample ID: AD635967

Level (low/med): LOW Date Received: 6/16/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	756			P
7440-41-7	Beryllium	0.11	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	206000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	79600			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	40400			P
7439-96-5	Manganese	203			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	2230			P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	8920			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

METHOD 8082 - POLYCHLORINATED BIPHENYLS
WATER SURROGATE RECOVERY

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

GC Column(1): ZB-5 ID: 0.53 (mm)

	Client Sample ID	Lab Sample ID	DCBP %REC	#	TCMX %REC	#							TOT OUT
1	Matrix Spike Blank	A6B2133101	56	*	80								1
2	Matrix Spike Blank	A6B2133301	64	*	70								1
3	Matrix Spike Blank	A6B2179901	34	*	77								1
4	Matrix Spike Blk Dup	A6B2179902	50	*	79								1
5	Method Blank	A6B2133102	66	*	78								1
6	Method Blank	A6B2133302	62	*	78								1
7	Method Blank	A6B2179903	50	*	78								1
8	NM-MW-01-GW	A6710101	24	*	44	*							2
9	NM-MW-02-GW	A6691510	58	*	76								1
10	NM-MW-02-GW	A6691510MS	47	*	73								1
11	NM-MW-02-GW	A6691510SD	48	*	68	*							2
12	NM-MW-03-GW	A6710102	63	*	79								1
13	NM-MW-04-GW	A6710103	66	*	79								1
14	NM-MW-05-GW	A6710104	80		80								0
15	NM-MW-06-GW	A6710105	74		78								0
16	NM-MW-DEC-GW	A6691507	35	*	65	*							2
17	NM-MW-DOT-GW	A6691508	51	*	68	*							2
18	NM-MW-MPI-01-GW	A6691501	57	*	74								1
19	NM-MW-MPI-02-GW	A6691502	53	*	76								1
20	NM-MW-MPI-03-GW	A6691503	64	*	72								1
21	NM-MW-MPI-04-GW	A6691504	60	*	70								1
22	NM-MW-MPI-05-GW	A6691505	46	*	69	*							2
23	NM-MW-MPI-06-GW	A6691506	45	*	73								1
24	NM-MW-MPI-06-GW/D	A6691509	50	*	65	*							2

QC LIMITS

(DCBP) = Decachlorobiphenyl (70-130)
(TCMX) = Tetrachloro-m-xylene (70-130)

\# Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

METHOD 8082 - POLYCHLORINATED BIPHENYLS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A6B2133102

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix Spike - Client Sample No.: Method Blank

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.	+ =
Aroclor 1260	5.00	4.49	90	50 - 122	
Aroclor 1016	5.00	4.40	88	29 - 123	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 2 outside limits

Comments: _____

METHOD 8082 - POLYCHLORINATED BIPHENYLS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A6B2133302

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix Spike - Client Sample No.: Method Blank

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.	+ =
Aroclor 1260	5.00	4.25	85	50 - 122	
Aroclor 1016	5.00	3.68	74	29 - 123	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 2 outside limits

Comments: _____

METHOD 8082 - POLYCHLORINATED BIPHENYLS
WATER MATRIX SPIKE BLANK/MATRIX SPIKE BLANK DUPLICATE RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A6B2179903

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix Spike - Client Sample No.: Method Blank

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.	+ =
Aroclor 1260	5.00	3.73	75	50 - 122	
Aroclor 1016	5.00	4.90	98	29 - 123	

COMPOUND	SPIKE ADDED UG/L	MSBD CONCENTRATION UG/L	MSBD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	+ =
Aroclor 1260	5.00	3.74	75	0	30	50 - 122	
Aroclor 1016	5.00	4.92	98	0	30	29 - 123	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 2 outside limits
Spike recovery: 0 out of 4 outside limits

Comments: _____

METHOD 8082 - POLYCHLORINATED BIPHENYLS
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A6691510

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix Spike - Client Sample No.: NM-MW-02-GW

COMPOUND	SPIKE ADDED UG/L	SAMPLE CONCENTRATION UG/L	MS CONCENTRATION UG/L	MS % REC #	QC LIMITS REC.	+
Aroclor 1260	4.71	0	3.91	83	50 - 122	=
Aroclor 1016	4.71	0	4.38	93	29 - 123	

COMPOUND	SPIKE ADDED UG/L	MSD CONCENTRATION UG/L	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	+
Aroclor 1260	4.71	4.17	88	6	30	50 - 122	=
Aroclor 1016	4.71	4.21	89	4	30	29 - 123	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 2 outside limits
Spike recovery: 0 out of 4 outside limits

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

NM-MW-02-GW\MS

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	10149.7800		200.0000	U	10000.00	101.5		P
Antimony	75 - 125	199.3000		20.0000	U	200.00	99.6		P
Arsenic	75 - 125	203.6600		10.0000	U	200.00	101.8		P
Barium	75 - 125	233.1700		32.1700		200.00	100.5		P
Beryllium	75 - 125	204.7500		0.1100	U	200.00	102.4		P
Cadmium	75 - 125	201.2600		1.0000	U	200.00	100.6		P
Calcium		52128.2500		41833.0125		10000.00	103.0		P
Chromium	75 - 125	202.9600		4.0000	U	200.00	101.5		P
Cobalt	75 - 125	201.8400		4.0000	U	200.00	100.9		P
Copper	75 - 125	215.4600		10.0000	U	200.00	107.7		P
Iron		54464.1400		44583.2000		10000.00	98.8		P
Lead	75 - 125	202.2100		5.0000	U	200.00	101.1		P
Magnesium	75 - 125	19744.7900		9609.6800		10000.00	101.4		P
Manganese		1357.2800		1149.6200		200.00	103.8		P
Nickel	75 - 125	207.2800		10.0000	U	200.00	103.6		P
Potassium	75 - 125	12459.3000		1691.4900		10000.00	107.7		P
Selenium	75 - 125	200.9400		15.0000	U	200.00	100.5		P
Mercury	75 - 125	6.2500		0.2000	U	6.67	93.7		CV
Silver	75 - 125	50.6600		3.0000	U	50.00	101.3		P
Sodium	75 - 125	16030.3500		5920.0000		10000.00	101.1		P
Thallium	75 - 125	199.5600		20.0000	U	200.00	99.8		P
Vanadium	75 - 125	200.3600		5.0000	U	200.00	100.2		P
Zinc	75 - 125	199.7000		10.0000	U	200.00	99.8		P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

NM-MW-02-GW\SD

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	10050.5600		200.0000	U	10000.00	100.5		P
Antimony	75 - 125	192.8100		20.0000	U	200.00	96.4		P
Arsenic	75 - 125	198.5900		10.0000	U	200.00	99.3		P
Barium	75 - 125	232.4200		32.1700		200.00	100.1		P
Beryllium	75 - 125	198.3100		0.1100	U	200.00	99.2		P
Cadmium	75 - 125	192.6600		1.0000	U	200.00	96.3		P
Calcium		51983.0800		41833.0125		10000.00	101.5		P
Chromium	75 - 125	196.4600		4.0000	U	200.00	98.2		P
Cobalt	75 - 125	195.7600		4.0000	U	200.00	97.9		P
Copper	75 - 125	209.6800		10.0000	U	200.00	104.8		P
Iron		54158.0700		44583.2000		10000.00	95.7		P
Lead	75 - 125	196.1900		5.0000	U	200.00	98.1		P
Magnesium	75 - 125	19486.2900		9609.6800		10000.00	98.8		P
Manganese		1355.2000		1149.6200		200.00	102.8		P
Nickel	75 - 125	200.5100		10.0000	U	200.00	100.3		P
Potassium	75 - 125	12409.0500		1691.4900		10000.00	107.2		P
Selenium	75 - 125	196.1400		15.0000	U	200.00	98.1		P
Mercury	75 - 125	6.6000		0.2000	U	6.67	99.0		CV
Silver	75 - 125	50.6000		3.0000	U	50.00	101.2		P
Sodium	75 - 125	15988.2700		5920.0000		10000.00	100.7		P
Thallium	75 - 125	191.5200		20.0000	U	200.00	95.8		P
Vanadium	75 - 125	193.8700		5.0000	U	200.00	96.9		P
Zinc	75 - 125	193.2600		10.0000	U	200.00	96.6		P

Comments:

STL BUFFALO

Ecology & Environment, Inc.
-5B-

POST DIGEST SPIKE SAMPLE RECOVERY

SAMPLE NO.

NM-MW-02-GWA

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added(SA)	%R	Q	M
Aluminum	75 - 125	9897.84		200.00	U	10000.0	99.0		P
Antimony	75 - 125	195.64		20.00	U	200.0	97.8		P
Arsenic	75 - 125	205.77		10.00	U	200.0	102.9		P
Barium	75 - 125	233.30		32.17		200.0	100.6		P
Beryllium	75 - 125	203.28		0.11	U	200.0	101.6		P
Cadmium	75 - 125	196.17		1.00	U	200.0	98.1		P
Calcium	75 - 125	51381.16		41833.01		10000.0	95.5		P
Chromium	75 - 125	199.65		4.00	U	200.0	99.8		P
Cobalt	75 - 125	199.93		4.00	U	200.0	100.0		P
Copper	75 - 125	213.81		10.00	U	200.0	106.9		P
Iron	75 - 125	53668.54		44583.20		10000.0	90.9		P
Lead	75 - 125	202.01		5.00	U	200.0	101.0		P
Magnesium	75 - 125	19771.19		9609.68		10000.0	101.6		P
Manganese	75 - 125	1327.27		1149.62		200.0	88.8		P
Nickel	75 - 125	202.34		10.00	U	200.0	101.2		P
Potassium	75 - 125	12267.48		1691.49		10000.0	105.8		P
Selenium	75 - 125	201.57		15.00	U	200.0	100.8		P
Silver	75 - 125	51.29		3.00	U	50.0	102.6		P
Sodium	75 - 125	16143.74		5920.00		10000.0	102.2		P
Thallium	75 - 125	193.33		20.00	U	200.0	96.7		P
Vanadium	75 - 125	199.78		5.00	U	200.0	99.9		P
Zinc	75 - 125	197.14		10.00	U	200.0	98.6		P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-6-

DUPLICATES

SAMPLE NO.

NM-MW-02-GW\SD

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		10149.7800		10050.5600		1.0		P
Antimony		199.3000		192.8100		3.3		P
Arsenic		203.6600		198.5900		2.5		P
Barium		233.1700		232.4200		0.3		P
Beryllium		204.7500		198.3100		3.2		P
Cadmium		201.2600		192.6600		4.4		P
Calcium		52128.2500		51983.0800		0.3		P
Chromium		202.9600		196.4600		3.3		P
Cobalt		201.8400		195.7600		3.1		P
Copper		215.4600		209.6800		2.7		P
Iron		54464.1400		54158.0700		0.6		P
Lead		202.2100		196.1900		3.0		P
Magnesium		19744.7888		19486.2900		1.3		P
Manganese		1357.2800		1355.2000		0.2		P
Nickel		207.2800		200.5100		3.3		P
Potassium		12459.3000		12409.0500		0.4		P
Selenium		200.9400		196.1400		2.4		P
Mercury		6.2500		6.6000		5.4		CV
Silver		50.6600		50.6000		0.1		P
Sodium		16030.3500		15988.2700		0.3		P
Thallium		199.5600		191.5200		4.1		P
Vanadium		200.3600		193.8700		3.3		P
Zinc		199.7000		193.2600		3.3		P

METHOD 8082 - POLYCHLORINATED BIPHENYLS
METHOD BLANK SUMMARY

53/1248
Client No.

Method Blank

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Lab Sample ID: A6B2133102 Lab File ID: 12B46101.TX0

Matrix: (soil/water) WATER Extraction: SEPF

Sulfur Cleanup: (Y/N): Y Date Extracted: 06/19/2006

Date Analyzed (1): 06/20/2006 Date Analyzed (2): _____

Time Analyzed (1): 14:10 Time Analyzed (2): _____

Instrument ID (1): HP5890-12 Instrument ID (2): _____

GC Column (1): ZB-5 Dia: 0.53(mm) GC Column (2): _____ Dia: ____(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
1	Matrix Spike Blank	A6B2133101	06/20/2006	
2	NM-MW-MPI-01-GW	A6691501	06/20/2006	
3	NM-MW-MPI-02-GW	A6691502	06/20/2006	
4	NM-MW-MPI-03-GW	A6691503	06/20/2006	
5	NM-MW-MPI-04-GW	A6691504	06/20/2006	

Comments: _____

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

Method Blank

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix: (soil/water) WATER Lab Sample ID: A6B2133102

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 12B46101.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: _____ _____

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 06/19/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/20/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.50	U
11104-28-2	Aroclor 1221	0.50	U
11141-16-5	Aroclor 1232	0.50	U
53469-21-9	Aroclor 1242	0.50	U
12672-29-6	Aroclor 1248	0.50	U
11097-69-1	Aroclor 1254	0.50	U
11096-82-5	Aroclor 1260	0.50	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
METHOD BLANK SUMMARY

55/1248
Client No.

Method Blank

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Lab Sample ID: A6B2133302 Lab File ID: 12B46103.TX0

Matrix: (soil/water) WATER Extraction: SEPF

Sulfur Cleanup: (Y/N): N Date Extracted: 06/19/2006

Date Analyzed (1): 06/20/2006 Date Analyzed (2): _____

Time Analyzed (1): 14:49 Time Analyzed (2): _____

Instrument ID (1): HP5890-12 Instrument ID (2): _____

GC Column (1): ZB-5 Dia: 0.53(mm) GC Column (2): _____ Dia: ____(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
1	Matrix Spike Blank	A6B2133301	06/20/2006	
2	NM-MW-02-GW	A6691510	06/21/2006	
3	NM-MW-02-GW	A6691510MS	06/21/2006	
4	NM-MW-02-GW	A6691510SD	06/21/2006	
5	NM-MW-DEC-GW	A6691507	06/20/2006	
6	NM-MW-DOT-GW	A6691508	06/20/2006	
7	NM-MW-MPI-05-GW	A6691505	06/20/2006	
8	NM-MW-MPI-06-GW	A6691506	06/20/2006	
9	NM-MW-MPI-06-GW/D	A6691509	06/20/2006	

Comments: _____

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

Method Blank

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix: (soil/water) WATER Lab Sample ID: A6B2133302

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 12B46103.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: _____ _____

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 06/19/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/20/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.50	U
11104-28-2	Aroclor 1221	0.50	U
11141-16-5	Aroclor 1232	0.50	U
53469-21-9	Aroclor 1242	0.50	U
12672-29-6	Aroclor 1248	0.50	U
11097-69-1	Aroclor 1254	0.50	U
11096-82-5	Aroclor 1260	0.50	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Lab Sample ID: A6B2179903 Lab File ID: 12B47027.TX0

Matrix: (soil/water) WATER Extraction: SEPF

Sulfur Cleanup: (Y/N): Y Date Extracted: 06/27/2006

Date Analyzed (1): 06/28/2006 Date Analyzed (2): _____

Time Analyzed (1): 11:38 Time Analyzed (2): _____

Instrument ID (1): HP5890-12 Instrument ID (2): _____

GC Column (1): ZB-5 Dia: 0.53(mm) GC Column (2): _____ Dia: ____(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
1	Matrix Spike Blank	A6B2179901	06/28/2006	
2	Matrix Spike Blk Dup	A6B2179902	06/28/2006	
3	NM-MW-01-GW	A6710101	06/28/2006	
4	NM-MW-03-GW	A6710102	06/28/2006	
5	NM-MW-04-GW	A6710103	06/28/2006	
6	NM-MW-05-GW	A6710104	06/28/2006	
7	NM-MW-06-GW	A6710105	06/28/2006	

Comments: _____

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

Method Blank

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix: (soil/water) WATER Lab Sample ID: A6B2179903

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 12B47027.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: _____ _____

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 06/27/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/28/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.50	U
11104-28-2	Aroclor 1221	0.50	U
11141-16-5	Aroclor 1232	0.50	U
53469-21-9	Aroclor 1242	0.50	U
12672-29-6	Aroclor 1248	0.50	U
11097-69-1	Aroclor 1254	0.50	U
11096-82-5	Aroclor 1260	0.50	U

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	200.0	U	200.0	U	200.0	U	200.0	U	200.000	U	P
Antimony	20.0	U	20.0	U	20.0	U	20.0	U	20.000	U	P
Arsenic	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Barium	2.0	U	2.0	U	2.0	U	2.0	U	2.000	U	P
Beryllium	0.2		0.2		0.1	U	0.1	U	-0.390		P
Cadmium	1.0	U	1.0	U	1.0	U	1.0	U	1.000	U	P
Calcium	500.0	U	500.0	U	500.0	U	500.0	U	500.000	U	P
Chromium	4.0	U	4.0	U	4.0	U	4.0	U	4.000	U	P
Cobalt	4.0	U	4.0	U	4.0	U	4.0	U	4.000	U	P
Copper	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Iron	50.0	U	50.0	U	50.0	U	50.0	U	50.000	U	P
Lead	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P
Magnesium	200.0	U	200.0	U	200.0	U	200.0	U	200.000	U	P
Manganese	3.0	U	3.0	U	3.0	U	3.0	U	3.000	U	P
Nickel	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Potassium	500.0	U	500.0	U	500.0	U	500.0	U	500.000	U	P
Selenium	15.0	U	15.0	U	15.0	U	15.0	U	15.000	U	P
Silver	3.0	U	3.0	U	3.0	U	3.0	U	3.000	U	P
Sodium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	1000.000	U	P
Thallium	20.0	U	20.0	U	20.0	U	20.0	U	20.000	U	P
Vanadium	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P
Zinc	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			200.0	U	200.0	U	200.0	U			P
Antimony			20.0	U	20.0	U	20.0	U			P
Arsenic			10.0	U	10.0	U	10.0	U			P
Barium			2.0	U	2.0	U	2.0	U			P
Beryllium			-0.3		-0.2		0.1	U			P
Cadmium			1.0	U	1.0	U	1.0	U			P
Calcium			500.0	U	500.0	U	500.0	U			P
Chromium			4.0	U	4.0	U	4.0	U			P
Cobalt			4.0	U	4.0	U	4.0	U			P
Copper			10.0	U	10.0	U	10.0	U			P
Iron			50.0	U	50.0	U	50.0	U			P
Lead			5.0	U	5.0	U	5.0	U			P
Magnesium			200.0	U	200.0	U	200.0	U			P
Manganese			3.0	U	3.0	U	3.0	U			P
Nickel			10.0	U	10.0	U	10.0	U			P
Potassium			500.0	U	500.0	U	500.0	U			P
Selenium			15.0	U	15.0	U	15.0	U			P
Silver			3.0	U	3.0	U	3.0	U			P
Sodium			1000.0	U	1000.0	U	1000.0	U			P
Thallium			20.0	U	20.0	U	20.0	U			P
Vanadium			5.0	U	5.0	U	5.0	U			P
Zinc			10.0	U	10.0	U	10.0	U			P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	200.0	U	200.0	U	200.0	U	200.0	U	200.000	U	P
Antimony	20.0	U	20.0	U	20.0	U	20.0	U	20.000	U	P
Arsenic	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Barium	2.0	U	2.0	U	2.0	U	2.0	U	2.000	U	P
Beryllium	0.1	U	0.3		0.4		0.6		0.150		P
Cadmium	1.0	U	1.0	U	1.0	U	1.0	U	1.000	U	P
Calcium	500.0	U	500.0	U	500.0	U	500.0	U	500.000	U	P
Chromium	4.0	U	4.0	U	4.0	U	4.0	U	4.000	U	P
Cobalt	4.0	U	4.0	U	4.0	U	4.0	U	4.000	U	P
Copper	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Iron	50.0	U	50.0	U	50.0	U	50.0	U	50.000	U	P
Lead	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P
Magnesium	200.0	U	200.0	U	200.0	U	200.0	U	200.000	U	P
Manganese	3.0	U	3.0	U	3.0	U	3.0	U	3.000	U	P
Nickel	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Potassium	500.0	U	500.0	U	500.0	U	500.0	U	500.000	U	P
Selenium	15.0	U	15.0	U	15.0	U	15.0	U	15.000	U	P
Silver	3.0	U	3.0	U	3.0	U	3.0	U	3.000	U	P
Sodium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	1000.000	U	P
Thallium	20.0	U	20.0	U	20.0	U	20.0	U	20.000	U	P
Vanadium	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P
Zinc	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			200.0	U							P
Antimony			20.0	U							P
Arsenic			10.0	U							P
Barium			2.0	U							P
Beryllium			0.8								P
Cadmium			1.0	U							P
Calcium			500.0	U							P
Chromium			4.0	U							P
Cobalt			4.0	U							P
Copper			10.0	U							P
Iron			50.0	U							P
Lead			5.0	U							P
Magnesium			200.0	U							P
Manganese			3.0	U							P
Nickel			10.0	U							P
Potassium			500.0	U							P
Selenium			15.0	U							P
Silver			3.0	U							P
Sodium			1000.0	U							P
Thallium			20.0	U							P
Vanadium			5.0	U							P
Zinc			10.0	U							P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Beryllium	0.4		0.4		0.4		0.4				P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Beryllium			0.3		0.4		0.6				P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Beryllium			0.5		0.6						P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Mercury	0.1	U	0.1	U	0.1	U	0.1	U	0.200	U	CV

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Mercury			0.1	U							CV

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Mercury	0.1	U	0.1	U	0.1	U	0.1	U	0.200	U	CV

Comments:

STL BUFFALO

Ecology & Environment, Inc.

BLANKS

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Mercury			0.1	U							CV

Comments:

STL BUFFALO

Ecology & Environment, Inc.

BLANKS

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Mercury	0.1	U	0.1	U	-0.1		0.1	U	0.200	U	CV

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Mercury			0.1	U	0.1	U	0.1	U			CV

Comments:

Sample Data Package

SDG Narrative

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A6710101	NM-MW-01-GW	WATER	06/20/2006	08:01	06/22/2006	18:20
A6691510	NM-MW-02-GW	WATER	06/16/2006	11:02	06/16/2006	16:45
A6691510MS	NM-MW-02-GW	WATER	06/16/2006	11:02	06/16/2006	16:45
A6691510SD	NM-MW-02-GW	WATER	06/16/2006	11:02	06/16/2006	16:45
A6710102	NM-MW-03-GW	WATER	06/19/2006	18:17	06/22/2006	18:20
A6710103	NM-MW-04-GW	WATER	06/19/2006	15:08	06/22/2006	18:20
A6710104	NM-MW-05-GW	WATER	06/19/2006	16:03	06/22/2006	18:20
A6710105	NM-MW-06-GW	WATER	06/19/2006	17:33	06/22/2006	18:20
A6691507	NM-MW-DEC-GW	WATER	06/16/2006	10:17	06/16/2006	16:45
A6691508	NM-MW-DOT-GW	WATER	06/16/2006	10:00	06/16/2006	16:45
A6691501	NM-MW-MPI-01-GW	WATER	06/15/2006	17:15	06/16/2006	16:45
A6691502	NM-MW-MPI-02-GW	WATER	06/15/2006	18:04	06/16/2006	16:45
A6691503	NM-MW-MPI-03-GW	WATER	06/15/2006	19:33	06/16/2006	16:45
A6691504	NM-MW-MPI-04-GW	WATER	06/16/2006	08:46	06/16/2006	16:45
A6691505	NM-MW-MPI-05-GW	WATER	06/15/2006	19:47	06/16/2006	16:45
A6691506	NM-MW-MPI-06-GW	WATER	06/15/2006	18:00	06/16/2006	16:45
A6691509	NM-MW-MPI-06-GW/D	WATER	06/15/2006	18:00	06/16/2006	16:45

METHODS SUMMARY

Job#: A06-6915,A06-7101

STL Project#: NY5A9393.3
SDG#: A66915
Site Name: Ecology and Environment NYSDEC Standby

PARAMETER	ANALYTICAL METHOD
METHOD 8082 - POLYCHLORINATED BIPHENYLS	SW8463 8082
Aluminum - Total	SW8463 6010
Antimony - Total	SW8463 6010
Arsenic - Total	SW8463 6010
Barium - Total	SW8463 6010
Beryllium - Total	SW8463 6010
Cadmium - Total	SW8463 6010
Calcium - Total	SW8463 6010
Chromium - Total	SW8463 6010
Cobalt - Total	SW8463 6010
Copper - Total	SW8463 6010
Iron - Total	SW8463 6010
Lead - Total	SW8463 6010
Magnesium - Total	SW8463 6010
Manganese - Total	SW8463 6010
Mercury - Total	SW8463 7470
Nickel - Total	SW8463 6010
Potassium - Total	SW8463 6010
Selenium - Total	SW8463 6010
Silver - Total	SW8463 6010
Sodium - Total	SW8463 6010
Thallium - Total	SW8463 6010
Vanadium - Total	SW8463 6010
Zinc - Total	SW8463 6010

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

NON-CONFORMANCE SUMMARY

Job#: A06-6915,A06-7101

STL Project#: NY5A9393.3
SDG#: A66915
Site Name: Ecology and Environment NYSDEC Standby

General Comments

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

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

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

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

Sample Receipt Comments

A06-6915
Sample Cooler(s) were received at the following temperature(s); 7@2.0 °C
All samples were received in good condition.
A06-7101
Sample Cooler(s) were received at the following temperature(s); 5 @ 2.0 °C
All samples were received in good condition.

GC Extractable Data

For method 8082, samples NM-MW-03-GW, NM-MW-04-GW, NM-MW-05-GW,and NM-MW-06-GW were analyzed one-day past the 7-day technical hold time for this method. It is the laboratory's opinion that the PCB data and results are uneffected.

For Method 8082, all samples (except NM-MW-05-GW and NM-MW-06-GW) and batch QC had recoveries of surrogates Tetrachloro-m-xylene and/or Decachlorbiphenyl outside project established control limits, but within the laboratory control limits. No further corrective action was taken.

For method 8082, the recovery of surrogate Decachlorobiphenyl in sample NM-MW-01-GW is outside of established quality control limits due to the sample matrix. The recovery of surrogate Tetrachloro-m-xylene is within quality control limits therefore no further corrective action is required.

Metals Data

The analyte Beryllium was detected in the Method Blank, ICB's, and several CCB's at levels above the project established reporting limit. The requested reporting limit for Beryllium is below STL's standard reporting limit and, therefore, no corrective action has been taken for any anomalous detections. It must be noted that results reported below STL's standard reporting limit may result in false positive/false negative results, less accurate quantitation and potential misidentification at the lower concentrations.

The value obtained for Aluminum on sample NM-MW-DOT-GW; the values obtained for Aluminum, Arsenic, Barium, Beryllium, Calcium, Cobalt, Chromium, Copper, Iron, Potassium, Magnesium, Manganese, Nickel, Lead, Vanadium, and Zinc on sample NM-MW-01-GW; the value obtained for Beryllium on sample NM-MW-06-GW, the values obtained for Aluminum and Beryllium on sample NM-MW-04-GW; the values obtained for Beryllium on sample NM-MW-05-GW and MN-MW-06-GW are inconsistent with historical trends. Reanalysis was performed and the values were confirmed. Only the results from the original analysis are provided in this data package.

****

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

Chain of Custody Documentation

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
Ecology + Environment, Inc.	Rick Watt	6/15/06	250314
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page** 1 of
368 Pleasantview Dr.	716 684 8060 716 6840844		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Lancaster / NY / 14086	Jim Mays	Tony Bogolin	
Project Name and Location (State)	**Carrier/Waybill Number**		
New Moreau Moreau, NY	HAND Deliver		
Contract/Purchase Order/Quote No.			
002699.ID06.01			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: TCL PCB 8082	TAL Metals 6010/7471	Special Instructions/ Conditions of Receipt
NM-MW-MPI-01-GW	6/15/06	1715		X			2		1				2	1	
NM-MW-MPI-02-GW	6/15/06	1804		X			2		1				2	1	
NM-MW-MPI-03-GW	6/15/06	1933		X			2		1				2	1	
NM-MW-MPI-04-GW	6/16/06	0846		X			2		1				2	1	
NM-MW-MPI-05-GW	6/15/06	1947		X			2		1				2	1	
NM-MW-MPI-06-GW	6/15/06	1800		X			2		1				2	1	
NM-MW-DEC-GW	6/16/06	1017		X			2		1				2	1	
NM-MW-DOT-GW	6/16/06	1000		X			2		1				2	1	
NM-MW-MPI-06GW/D	6/15/06	1800		X			2		1				2	1	
NM-MW-02-GW	6/16/06	1102		X			6		3				6	3	MS/MSD

Possible Hazard Identification

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other PER SOW

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	6/16/06	1645	1. Received By	6/16/06	1645
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

>@2.0°C

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

79/1248

STL Buffalo

Doc. Login/ARRF - Side A
Rev 3
10/17/2005

80/1248

SAMPLE LOGIN JOB # 6915

Shipment ID_____ Strict Internal COC: YES / NO

Residual Chlorine Check: ☐

Radiation Check <0.02 mR/hr: YES / NO

AC _____ Project / Task NYSAS 3533 / 6

TAT_____ BD/ 21 CD # OF SAMPLES 10 TRIP BLANK Y/N # _____

SHIPPED BY Walk In	ATTACH SHIPPING TAGS
RECEIVED DATE / TIME:	6/16/06 16:45

COOLER TEMP 2.0 °C (4 +/- 2 °C) OK NO

Cooler Custody Seal intact? YES/NO NONE SEAL # _____

If NO to cooler temp or seal, PM notified? YES _____ (PM Name)

SUBCONTRACT YES/NO LAB _____ SM # _____

COMMENTS: SAMPLE TIME ACTUAL +1HR +2 HR +3 HR NONE

Sample received outside hold time _____

Headspace in VOA vials _____

Problems with bottle labels _____

OTHER SAMPLE RECEIPT COMMENTS (Fill out ARRF, see reverse)

_____

_____

ARE SAMPLE DATES AND TIMES CORRECT? Initials DC

WERE ALL THE APPROPRIATE TESTS ASSIGNED? Initials DC

Temp.Cert.Loss: _____

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: Ecology & Environment, Inc	Project Manager: Rick Watt	Date: 6/19/06	Chain of Custody Number: 254557
Address: 368 Pleasant View Dr.	Telephone Number (Area Code)/Fax Number: 716 684 8060 716 684 0844	Lab Number:	Page 1 of 1
City: Lancaster / State: NY / Zip Code: 14086	Site Contact: Jim Mays	Lab Contact: Tony Bogolin	
Project Name and Location (State): New Moreau Moreau, NY	Carrier/Waybill Number: Hand Delivery		
Contract/Purchase Order/Quote No.: 002699.ID06.01			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: TCL PCBs 8082	TAL Metals 6010/7471	Special Instructions/ Conditions of Receipt
NM-MW-01-GW	6/20/06	0801		X			2		1				2	1	
NM-MW-03-GW	6/19/06	1817		X			2		1				2	1	
NM-MW-04-GW	6/19/06	1508		X			2		1				2	1	
NM-MW-05-GW	6/19/06	1603		X			2		1				2	1	
NM-MW-06-GW	6/19/06	1733		X			2		1				2	1	

Possible Hazard Identification: [X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown

Sample Disposal: [ ] Return To Client [X] Disposal By Lab [ ] Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: [ ] 24 Hours [ ] 48 Hours [ ] 7 Days [ ] 14 Days [ ] 21 Days [X] Other PER SOW

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By	6/21/06	1820	1. Received By SVR	06/21/06	1820
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

$2,000

81/1248

SEVERN TRENT STL

STL Buffalo

Doc. Login/ARRF - Side A
Rev 3
10/17/2005

SAMPLE LOGIN JOB # 7101

Shipment ID_____ Strict Internal COC: YES / NO

Residual Chlorine Check: ☐

Radiation Check <0.02 mR/hr: YES / NO

AC _____ Project / Task 45B9393.3 / _____

TAT 15 BD/_____CD # OF SAMPLES 5 TRIP BLANK Y/N # _____

SHIPPED BY UPS - GW	ATTACH SHIPPING TAGS
RECEIVED DATE / TIME:	~~06/22/06~~ 06/21/06 10:20

COOLER TEMP 5 @ 2.0 °C (4 +/- 2 °C) OK NO

Cooler Custody Seal intact? YES/NO NONE SEAL # _____

If NO to cooler temp or seal, PM notified? YES_____ (PM Name)

SUBCONTRACT YES/NO LAB_____ SM # _____

COMMENTS: SAMPLE TIME ACTUAL +1HR +2 HR +3 HR NONE

Sample received outside hold time_____

Headspace in VOA vials_____

Problems with bottle labels_____

OTHER SAMPLE RECEIPT COMMENTS (Fill out ARRF, see reverse)

_____

_____

ARE SAMPLE DATES AND TIMES CORRECT? Initials _____

WERE ALL THE APPROPRIATE TESTS ASSIGNED? Initials _____

Temp.Cert.Loss:_____

Job No: A06-6915
Client: Ecology & Environment, Inc.
Project: NY5A9393.3
SDG:
Case:
SMO No:
No. Samps: 10

Radiation Check: YES
Custody Seal: YES
Chain of Custody: YES
Sample Tags: NO
Sample Tag Numbers: NO
SMO Forms: NO
CLSIS: NO

Cooler Temperature: 7@2.0°C

Sample	Receive	Client Sample ID	Lab ID	Condition	Bottles	Parameters	Lab	Pres log Code	Pres log PH
06/15/2006 17:15	06/16/2006 16:45	NM-MW-MPI-01-GW	A6691501	Good	2-1lGA	PCBS	RECNY	0100	
					1-8ozP	METS	RECNY	0101	<2
06/15/2006 18:04	06/16/2006 16:45	NM-MW-MPI-02-GW	A6691502	Good	2-1lGA	PCBS	RECNY	0100	
					1-8ozP	METS	RECNY	0101	<2
06/15/2006 19:33	06/16/2006 16:45	NM-MW-MPI-03-GW	A6691503	Good	2-1lGA	PCBS	RECNY	0100	
					1-8ozP	METS	RECNY	0101	<2
06/16/2006 08:46	06/16/2006 16:45	NM-MW-MPI-04-GW	A6691504	Good	2-1lGA	PCBS	RECNY	0100	
					1-8ozP	METS	RECNY	0101	<2
06/15/2006 19:47	06/16/2006 16:45	NM-MW-MPI-05-GW	A6691505	Good	2-1lGA	PCBS	RECNY	0100	
					1-8ozP	METS	RECNY	0101	<2
06/15/2006 18:00	06/16/2006 16:45	NM-MW-MPI-06-GW	A6691506	Good	2-1lGA	PCBS	RECNY	0100	
					1-8ozP	METS	RECNY	0101	<2
06/16/2006 10:17	06/16/2006 16:45	NM-MW-DEC-GW	A6691507	Good	2-1lGA	PCBS	RECNY	0100	
					1-8ozP	METS	RECNY	0101	<2
06/16/2006 10:00	06/16/2006 16:45	NM-MW-DOT-GW	A6691508	Good	2-1lGA	PCBS	RECNY	0100	
					1-8ozP	METS	RECNY	0101	<2
06/15/2006 18:00	06/16/2006 16:45	NM-MW-MWI-06-GW/D	A6691509	Good	2-1lGA	PCBS	RECNY	0100	
					1-8ozP	METS	RECNY	0101	<2
06/16/2006 11:02	06/16/2006 16:45	NM-MW-02-GW	A6691510	Good	2-1lGA	PCBS	RECNY	0100	
					1-8ozP	METS	RECNY	0101	<2
06/16/2006 11:02	06/16/2006 16:45	NM-MW-02-GW	A6691510MS	Good	2-1lGA	PCBS	RECNY	0100	
					1-8ozP	METS	RECNY	0101	<2
06/16/2006 11:02	06/16/2006 16:45	NM-MW-02-GW	A6691510SD	Good	2-1lGA	PCBS	RECNY	0100	
					1-8ozP	METS	RECNY	0101	<2

Sample Custodian: DC 6/15/2006

Analytical Services Coordinator: _____ / /20

83/1248

Preservation Code References:

First Digit: Sample Filtration; 1=Filtered, 0=Unfiltered
Second Digit: Sample Requires Cooling; (4°) 1=Cooled, 0=Not Cooled

Third, Fourth Digits - Preservation Types:
00=Nothing added, 01=HNO3, 02=H2SO4, 03=HCl, 04=Sodium Thiosulfate
05=NaOH, 06=NaOH+Zinc Acetate, 07=Sodium Thiosulfate+HCl, 08=MeOH
09=MCAA (Mono chloroacetic acid)

Job No: A06-7101
Client: Ecology & Environment, Inc.
Project: NY5A9393.3
SDG:
Case:
SMO No:
No. Samps: 5

Radiation Check: YES
Custody Seal: YES
Chain of Custody: YES
Sample Tags: NO
Sample Tag Numbers: NO
SMO Forms: NO
CLSIS: NO

Cooler Temperature: 5 @ 2.0°C

Sample	Receive	Client Sample ID	Lab ID	Condition	Bottles	Parameters	Lab	Pres log Code	Pres log PH
06/20/2006 08:01	06/22/2006 18:20	NM-MW-01-GW	A6710101	Good	2-1lGA	PCBS	RECNY	0100	
					1-16ozP	T METALS	RECNY	0101	<2
06/19/2006 18:17	06/22/2006 18:20	NM-MW-03-GW	A6710102	Good	2-1lGA	PCBS	RECNY	0100	
					1-16ozP	T METALS	RECNY	0101	<2
06/19/2006 15:08	06/22/2006 18:20	NM-MW-04-GW	A6710103	Good	2-1lGA	PCBS	RECNY	0100	
					1-16ozP	T METALS	RECNY	0101	<2
06/19/2006 16:03	06/22/2006 18:20	NM-MW-05-GW	A6710104	Good	2-1lGA	PCBS	RECNY	0100	
					1-16ozP	T METALS	RECNY	0101	<2
06/19/2006 17:33	06/22/2006 18:20	NM-MW-06-GW	A6710105	Good	2-1lGA	PCBS	RECNY	0100	
					1-16ozP	T METALS	RECNY	0101	<2
		LFB	A6B2154601						
		Method Blank	A6B2154602						

Sample Custodian: _____ 06/22/2006

Analytical Services Coordinator: _____ /__/20__

84/1248

Preservation Code References:

First Digit: Sample Filtration; 1=Filtered, 0=Unfiltered
Second Digit: Sample Requires Cooling; (4°) 1=Cooled, 0=Not Cooled

Third, Fourth Digits - Preservation Types:
00=Nothing added, 01=HNO3, 02=H2SO4, 03=HCl, 04=Sodium Thiosulfate
05=NaOH, 06=NaOH+Zinc Acetate, 07=Sodium Thiosulfate+HCl, 08=MeOH
09=MCAA (Mono chloroacetic acid)

8082 Data

QC Summary

METHOD 8082 - POLYCHLORINATED BIPHENYLS
WATER SURROGATE RECOVERY

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

GC Column(1): ZB-5 ID: 0.53 (mm)

	Client Sample ID	Lab Sample ID	DCBP %REC	#	TCMX %REC	#							TOT OUT
1	Matrix Spike Blank	A6B2133101	56	*	80								1
2	Matrix Spike Blank	A6B2133301	64	*	70								1
3	Matrix Spike Blank	A6B2179901	34	*	77								1
4	Matrix Spike Blk Dup	A6B2179902	50	*	79								1
5	Method Blank	A6B2133102	66	*	78								1
6	Method Blank	A6B2133302	62	*	78								1
7	Method Blank	A6B2179903	50	*	78								1
8	NM-MW-01-GW	A6710101	24	*	44	*							2
9	NM-MW-02-GW	A6691510	58	*	76								1
10	NM-MW-02-GW	A6691510MS	47	*	73								1
11	NM-MW-02-GW	A6691510SD	48	*	68	*							2
12	NM-MW-03-GW	A6710102	63	*	79								1
13	NM-MW-04-GW	A6710103	66	*	79								1
14	NM-MW-05-GW	A6710104	80		80								0
15	NM-MW-06-GW	A6710105	74		78								0
16	NM-MW-DEC-GW	A6691507	35	*	65	*							2
17	NM-MW-DOT-GW	A6691508	51	*	68	*							2
18	NM-MW-MPI-01-GW	A6691501	57	*	74								1
19	NM-MW-MPI-02-GW	A6691502	53	*	76								1
20	NM-MW-MPI-03-GW	A6691503	64	*	72								1
21	NM-MW-MPI-04-GW	A6691504	60	*	70								1
22	NM-MW-MPI-05-GW	A6691505	46	*	69	*							2
23	NM-MW-MPI-06-GW	A6691506	45	*	73								1
24	NM-MW-MPI-06-GW/D	A6691509	50	*	65	*							2

QC LIMITS

(DCBP) = Decachlorobiphenyl (70-130)
(TCMX) = Tetrachloro-m-xylene (70-130)

\# Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

METHOD 8082 - POLYCHLORINATED BIPHENYLS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A6B2133102

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix Spike - Client Sample No.: Method Blank

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.	+ =
Aroclor 1260	5.00	4.49	90	50 - 122	
Aroclor 1016	5.00	4.40	88	29 - 123	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 2 outside limits

Comments: _____

METHOD 8082 - POLYCHLORINATED BIPHENYLS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A6B2133302

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix Spike - Client Sample No.: Method Blank

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.	+ =
Aroclor 1260	5.00	4.25	85	50 - 122	
Aroclor 1016	5.00	3.68	74	29 - 123	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 2 outside limits

Comments: _____

_____

METHOD 8082 - POLYCHLORINATED BIPHENYLS
WATER MATRIX SPIKE BLANK/MATRIX SPIKE BLANK DUPLICATE RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A6B2179903

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix Spike - Client Sample No.: Method Blank

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.	+ =
Aroclor 1260	5.00	3.73	75	50 - 122	
Aroclor 1016	5.00	4.90	98	29 - 123	

COMPOUND	SPIKE ADDED UG/L	MSBD CONCENTRATION UG/L	MSBD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	+ =
Aroclor 1260	5.00	3.74	75	0	30	50 - 122	
Aroclor 1016	5.00	4.92	98	0	30	29 - 123	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 2 outside limits
Spike recovery: 0 out of 4 outside limits

Comments: _____

METHOD 8082 - POLYCHLORINATED BIPHENYLS
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A6691510

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix Spike - Client Sample No.: NM-MW-02-GW

COMPOUND	SPIKE ADDED UG/L	SAMPLE CONCENTRATION UG/L	MS CONCENTRATION UG/L	MS % REC #	QC LIMITS REC.	+
Aroclor 1260	4.71	0	3.91	83	50 - 122	
Aroclor 1016	4.71	0	4.38	93	29 - 123	

COMPOUND	SPIKE ADDED UG/L	MSD CONCENTRATION UG/L	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	+
Aroclor 1260	4.71	4.17	88	6	30	50 - 122	
Aroclor 1016	4.71	4.21	89	4	30	29 - 123	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 2 outside limits
Spike recovery: 0 out of 4 outside limits

Comments: _____

METHOD 8082 - POLYCHLORINATED BIPHENYLS
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Lab Sample ID: A6B2133102 Lab File ID: 12B46101.TX0

Matrix: (soil/water) WATER Extraction: SEPF

Sulfur Cleanup: (Y/N): Y Date Extracted: 06/19/2006

Date Analyzed (1): 06/20/2006 Date Analyzed (2): _____

Time Analyzed (1): 14:10 Time Analyzed (2): _____

Instrument ID (1): HP5890-12 Instrument ID (2): _____

GC Column (1): ZB-5 Dia: 0.53(mm) GC Column (2): _____ Dia: ____(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
1	Matrix Spike Blank	A6B2133101	06/20/2006	
2	NM-MW-MPI-01-GW	A6691501	06/20/2006	
3	NM-MW-MPI-02-GW	A6691502	06/20/2006	
4	NM-MW-MPI-03-GW	A6691503	06/20/2006	
5	NM-MW-MPI-04-GW	A6691504	06/20/2006	

Comments: _____

METHOD 8082 - POLYCHLORINATED BIPHENYLS
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Lab Sample ID: A6B2133302 Lab File ID: 12B46103.TX0

Matrix: (soil/water) WATER Extraction: SEPF

Sulfur Cleanup: (Y/N): N Date Extracted: 06/19/2006

Date Analyzed (1): 06/20/2006 Date Analyzed (2): _____

Time Analyzed (1): 14:49 Time Analyzed (2): _____

Instrument ID (1): HP5890-12 Instrument ID (2): _____

GC Column (1): ZB-5 Dia: 0.53(mm) GC Column (2): _____ Dia: ____(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
1	Matrix Spike Blank	A6B2133301	06/20/2006	
2	NM-MW-02-GW	A6691510	06/21/2006	
3	NM-MW-02-GW	A6691510MS	06/21/2006	
4	NM-MW-02-GW	A6691510SD	06/21/2006	
5	NM-MW-DEC-GW	A6691507	06/20/2006	
6	NM-MW-DOT-GW	A6691508	06/20/2006	
7	NM-MW-MPI-05-GW	A6691505	06/20/2006	
8	NM-MW-MPI-06-GW	A6691506	06/20/2006	
9	NM-MW-MPI-06-GW/D	A6691509	06/20/2006	

Comments: _____

METHOD 8082 - POLYCHLORINATED BIPHENYLS
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Lab Sample ID: A6B2179903 Lab File ID: 12B47027.TX0

Matrix: (soil/water) WATER Extraction: SEPF

Sulfur Cleanup: (Y/N): Y Date Extracted: 06/27/2006

Date Analyzed (1): 06/28/2006 Date Analyzed (2): _____

Time Analyzed (1): 11:38 Time Analyzed (2): _____

Instrument ID (1): HP5890-12 Instrument ID (2): _____

GC Column (1): ZB-5 Dia: 0.53(mm) GC Column (2): _____ Dia: ____(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
1	Matrix Spike Blank	A6B2179901	06/28/2006	
2	Matrix Spike Blk Dup	A6B2179902	06/28/2006	
3	NM-MW-01-GW	A6710101	06/28/2006	
4	NM-MW-03-GW	A6710102	06/28/2006	
5	NM-MW-04-GW	A6710103	06/28/2006	
6	NM-MW-05-GW	A6710104	06/28/2006	
7	NM-MW-06-GW	A6710105	06/28/2006	

Comments: _____

Compare Client DL for PROJECT NY5A9393.3 and Task 6 to Lab MDL
For PROTOCOL: SW8463
For FRACTIONS: GE

Laboratory: A
Project Manager: AEB

Client Name	Project No	Tsk No	Parameter	TDL Type	Protcl	Method	Test	T M	UM	CDL	TDL	MDL	E X	E I	J	T
Fraction: GE																
Ecology & Environment,	NY5A9393.3	6	Aroclor 1016	EQL	SW8463	8082	CTA29793	S	UG/KG		16.66666	3.26118	N		J	
Ecology & Environment,	NY5A9393.3	6	Aroclor 1016	EQL	SW8463	8082	CTA29794	W	UG/L		0.50000	0.17600	N		J	
Ecology & Environment,	NY5A9393.3	6	Aroclor 1221	EQL	SW8463	8082	CTA29793	S	UG/KG		16.66666	6.95672	N		J	
Ecology & Environment,	NY5A9393.3	6	Aroclor 1221	EQL	SW8463	8082	CTA29794	W	UG/L		0.50000	0.17640	N		J	
Ecology & Environment,	NY5A9393.3	6	Aroclor 1232	EQL	SW8463	8082	CTA29793	S	UG/KG		16.66666	3.12131	N		J	
Ecology & Environment,	NY5A9393.3	6	Aroclor 1232	EQL	SW8463	8082	CTA29794	W	UG/L		0.50000	0.36470	N		J	
Ecology & Environment,	NY5A9393.3	6	Aroclor 1242	EQL	SW8463	8082	CTA29793	S	UG/KG		16.66666	2.90256	N		J	
Ecology & Environment,	NY5A9393.3	6	Aroclor 1242	EQL	SW8463	8082	CTA29794	W	UG/L		0.50000	0.31000	N		J	
Ecology & Environment,	NY5A9393.3	6	Aroclor 1248	EQL	SW8463	8082	CTA29793	S	UG/KG		16.66666	3.98752	N		J	
Ecology & Environment,	NY5A9393.3	6	Aroclor 1248	EQL	SW8463	8082	CTA29794	W	UG/L		0.50000	0.10550	N		J	
Ecology & Environment,	NY5A9393.3	6	Aroclor 1254	EQL	SW8463	8082	CTA29793	S	UG/KG		16.66666	8.66085	N		J	
Ecology & Environment,	NY5A9393.3	6	Aroclor 1254	EQL	SW8463	8082	CTA29794	W	UG/L		0.50000	0.07860	N		J	
Ecology & Environment,	NY5A9393.3	6	Aroclor 1260	EQL	SW8463	8082	CTA29793	S	UG/KG		16.66666	6.57138	N		J	
Ecology & Environment,	NY5A9393.3	6	Aroclor 1260	EQL	SW8463	8082	CTA29794	W	UG/L		0.50000	0.25000	N		J	

95/1248

ET - Exception Types: N - MDL "Not Found" * - TDL=0 or MDL=0 M - MDL>CDL (TDL Type CDL) or MDL>TDL (TDL Type CRQL,EQL) E - TDL>CDL (TDL Type CDL)

Sample Data

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.: NM-MW-01-GW

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix: (soil/water) WATER Lab Sample ID: A6710101

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 12B47032.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 06/20/2006 06/22/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 06/27/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/28/2006

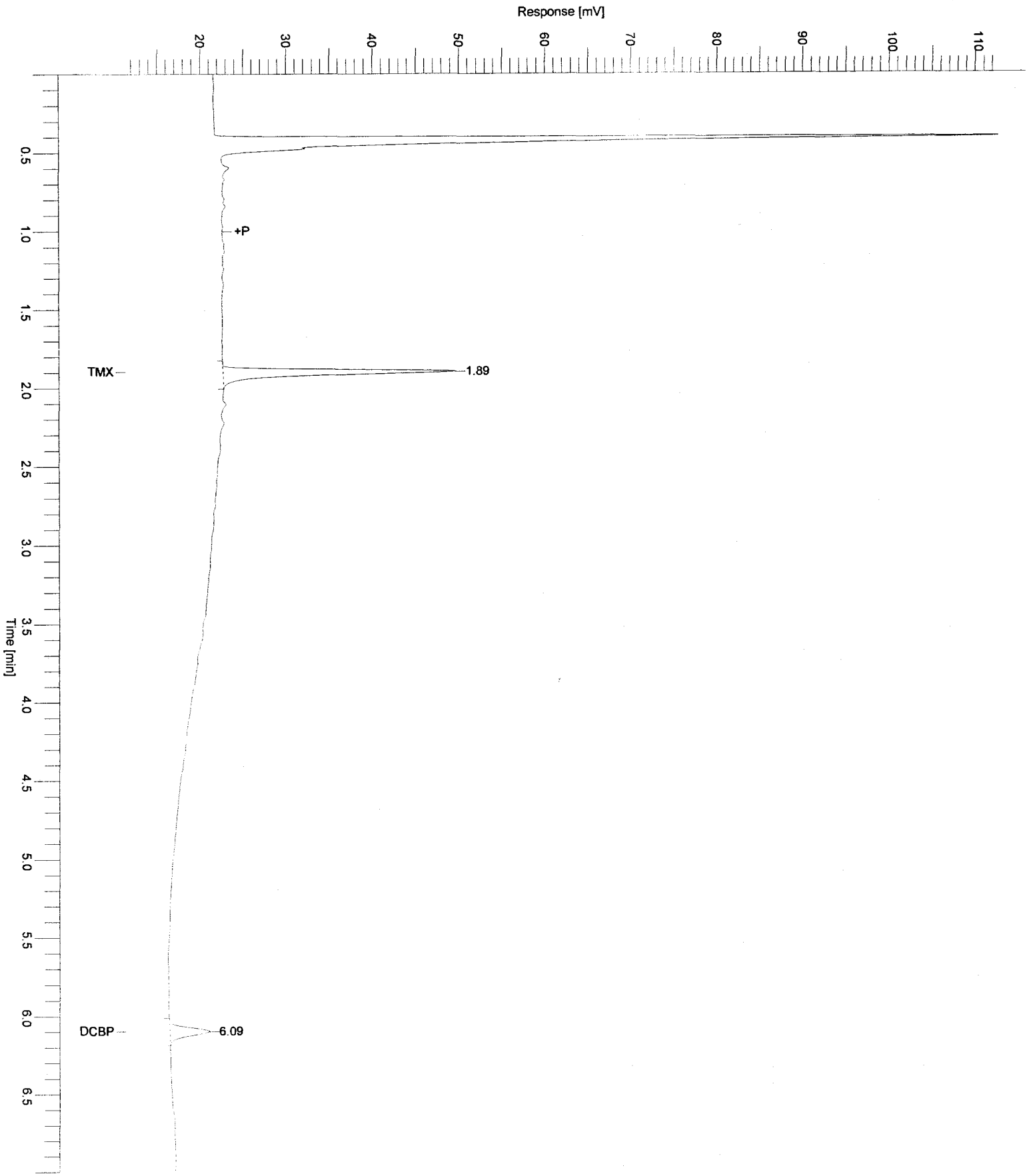
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

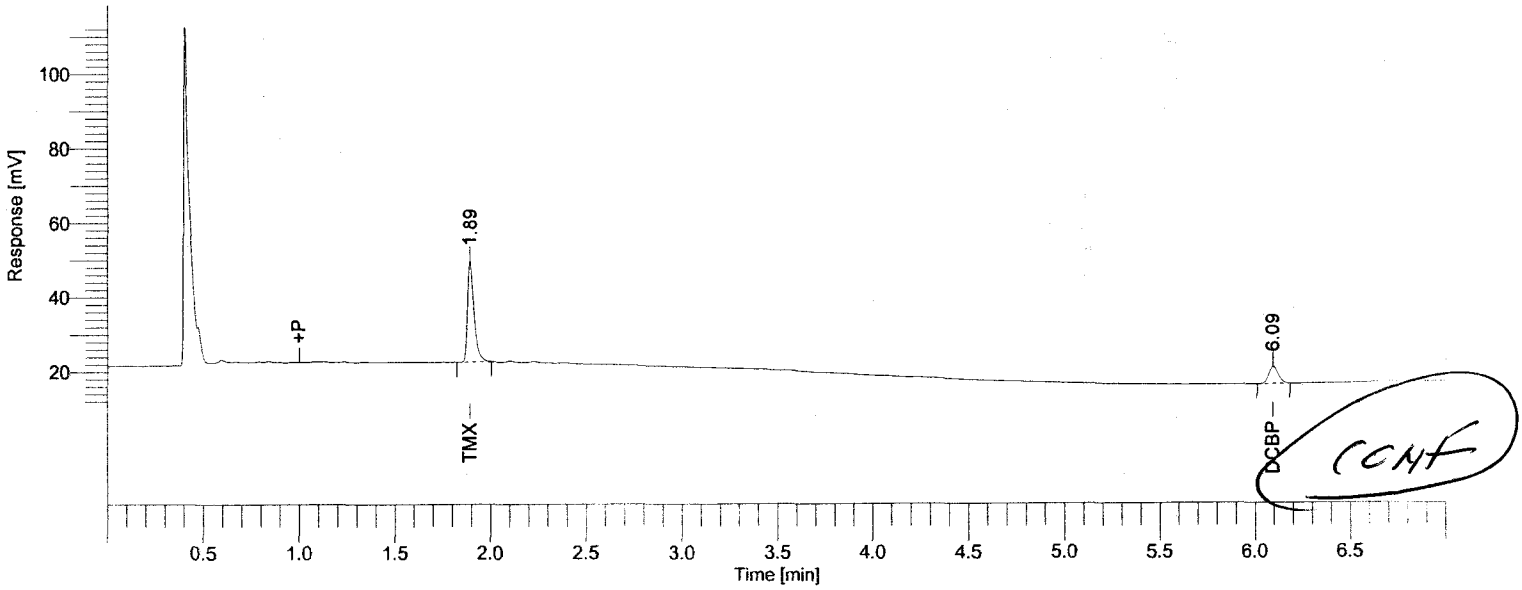
Chromatogram

Sample Name : AW60025544 Sample #: A6710101 Page 1 of 1
FileName : H:\TURBO6\5890-12\12A47032.raw
Date : 06/28/2006 13:45:39
Method : 12DINS Time of Injection: 06/28/2006 13:16:58
Start Time : 0.00 min End Time : 7.00 min Low Point : 11.26 mV High Point : 112.63 mV
Scale Factor: 1.0 Plot Offset: 11.26 mV Plot Scale: 101.4 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/28/2006 13:45:38
Reprocess Number	: buf2042: 111424		
Operator	: tchrom	Sample Name	: AW60025544
Sample Number	: A6710101	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/28/2006 13:16:58	Cycle	: 8

Raw Data File : H:\TURBO6\5890-12\12A47032.raw <Modified>
Result File : H:\TURBO6\5890-12\12A47032.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A47032.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A47032.rst
Calib Method : h:\turbo6\5890-12\12a-4-pcb(06-11-06).mth from H:\TURBO6\5890-12\12A47032.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D47.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc	AVG NG CONC (5pts)	# PEAKS USED
1	1.89	BB	63453	TMX	0.0038	-------	0
2	6.09	BB	15818	DCBP	0.0012	-------	0
			79271			0.0000	

7/6/06

06/28/2006 13:45:38 Result: H:\TURBO6\5890-12\12A47032.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.13		0	AR1242-A	0.0000	-------	-
-	2.43		0	AR1242-B	0.0000	-------	-
-	2.56		0	AR1242-C	0.0000	-------	-
-	2.74		0	AR1242-D	0.0000	-------	-
			0			0.0000	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.98		0	AR1248-A	0.0000	-------	-
-	3.14		0	AR1248-B	0.0000	-------	-
-	3.23		0	AR1248-C	0.0000	-------	-
-	3.57		0	AR1248-D	0.0000	-------	-
			0			0.0000	

7/6/06

Group Report For : AR1254

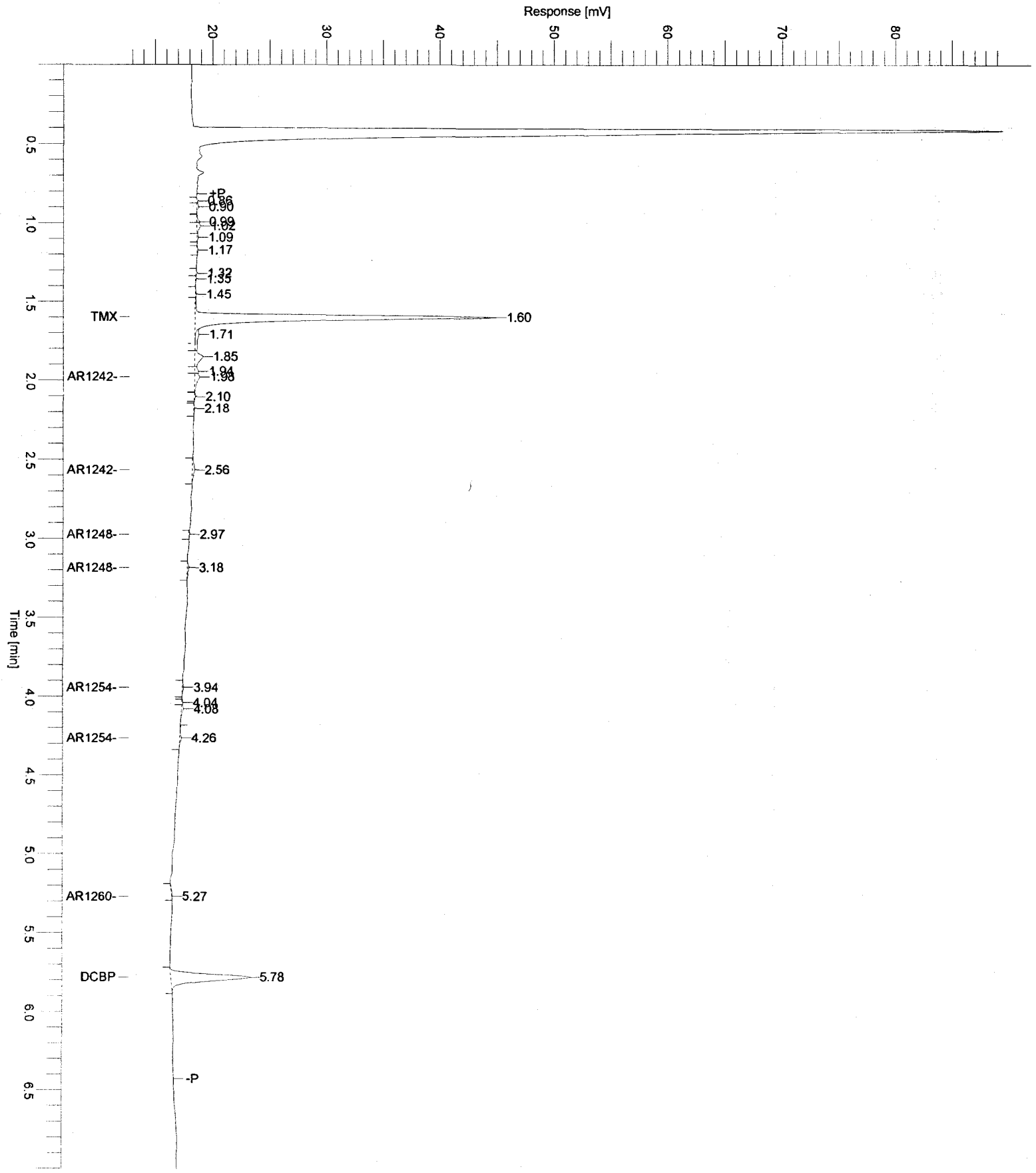
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.81		0	AR1254-A	0.0000	-------	-
-	3.88		0	AR1254-B	0.0000	-------	-
-	4.06		0	AR1254-C	0.0000	-------	-
-	4.42		0	AR1254-D	0.0000	-------	-
			0			0.0000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.22		0	AR1260-A	0.0000	-------	-
-	4.89		0	AR1260-B	0.0000	-------	-
-	5.11		0	AR1260-C	0.0000	-------	-
-	5.54		0	AR1260-D	0.0000	-------	-
			0			0.0000	

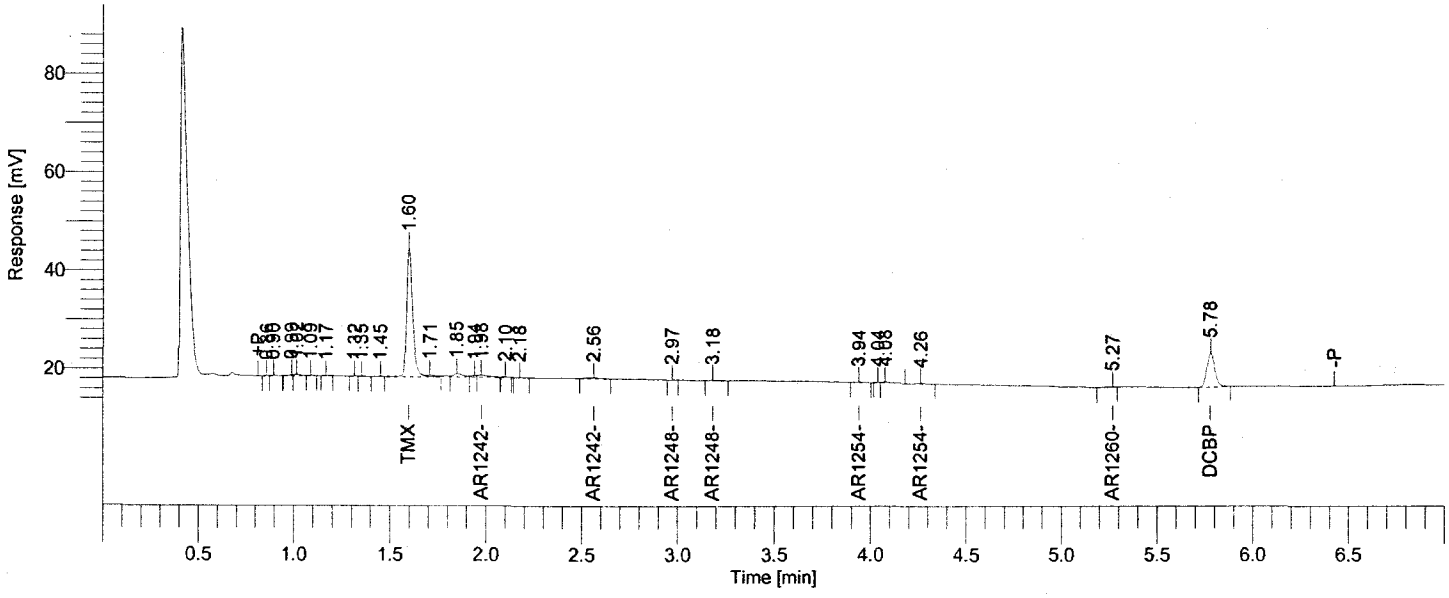
Chromatogram

Sample Name : AW60025544 Sample #: A6710101 Page 1 of 1
FileName : H:\TURBO6\5890-12\12B47032.raw
Date : 06/28/2006 13:45:41
Method : 12DINS Time of Injection: 06/28/2006 13:16:58
Start Time : 0.00 min End Time : 7.00 min Low Point : 12.75 mV High Point : 89.48 mV
Scale Factor: 1.0 Plot Offset: 12.75 mV Plot Scale: 76.7 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/28/2006 13:45:40
Reprocess Number	: buf2042: 111425		
Operator	: tchrom	Sample Name	: AW60025544
Sample Number	: A6710101	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/28/2006 13:16:58	Cycle	: 8

Raw Data File : H:\TURBO6\5890-12\12B47032.raw <Modified>
Result File : H:\TURBO6\5890-12\12B47032.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B47032.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B47032.rst
Calib Method : h:\turbo6\5890-12\12b-4-pcb(06-11-06).mth from H:\TURBO6\5890-12\12B47032.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D47.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
10	1.60	VE	57407	TMX	0.0089	-------	0
	1.98		2451	~~AR1242~~	~~0.0031~~	7.9e-04	4
25	5.78	BB	19850	DCBP	0.0049	-------	0
			79708			7.9e-04	

7/4/06

06/28/2006 13:45:40 Result: H:\TURBO6\5890-12\12B47032.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
14	1.98	VB	1494	AR1242-A	0.0137	0.0034	4
-	2.25		0	AR1242-B	0.0000	-------	-
17	2.56	BB	957	AR1242-C	0.0029	7.2e-04	4
-	2.64		0	AR1242-D	0.0000	-------	-
			2451			0.0041	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
18	2.97	BB	80	AR1248-A	3.2e-04	8.1e-05	4
-	3.07		0	AR1248-B	0.0000	-------	-
19	3.18	BB	460	AR1248-C	0.0015	3.7e-04	4
-	3.24		0	AR1248-D	0.0000	-------	-
			540			4.5e-04	

7/4/06

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.71		0	AR1254-A	0.0000	-------	-
-	3.83		0	AR1254-B	0.0000	-------	-
20	3.94	BB	305	AR1254-C	0.0018	4.5e-04	4
23	4.26	VB	428	AR1254-D	0.0013	3.4e-04	4
			733			7.9e-04	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.51		0	AR1260-A	0.0000	-------	-
-	4.64		0	AR1260-B	0.0000	-------	-
24	5.27	BB	215	AR1260-C	-0.0282	-7e-03	4
-	5.30		0	AR1260-D	0.0000	-------	-
			215			-7e-03	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.: NM-MW-02-GW

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix: (soil/water) WATER Lab Sample ID: A6691510

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 12B46131.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 06/16/2006 06/16/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 06/19/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/21/2006

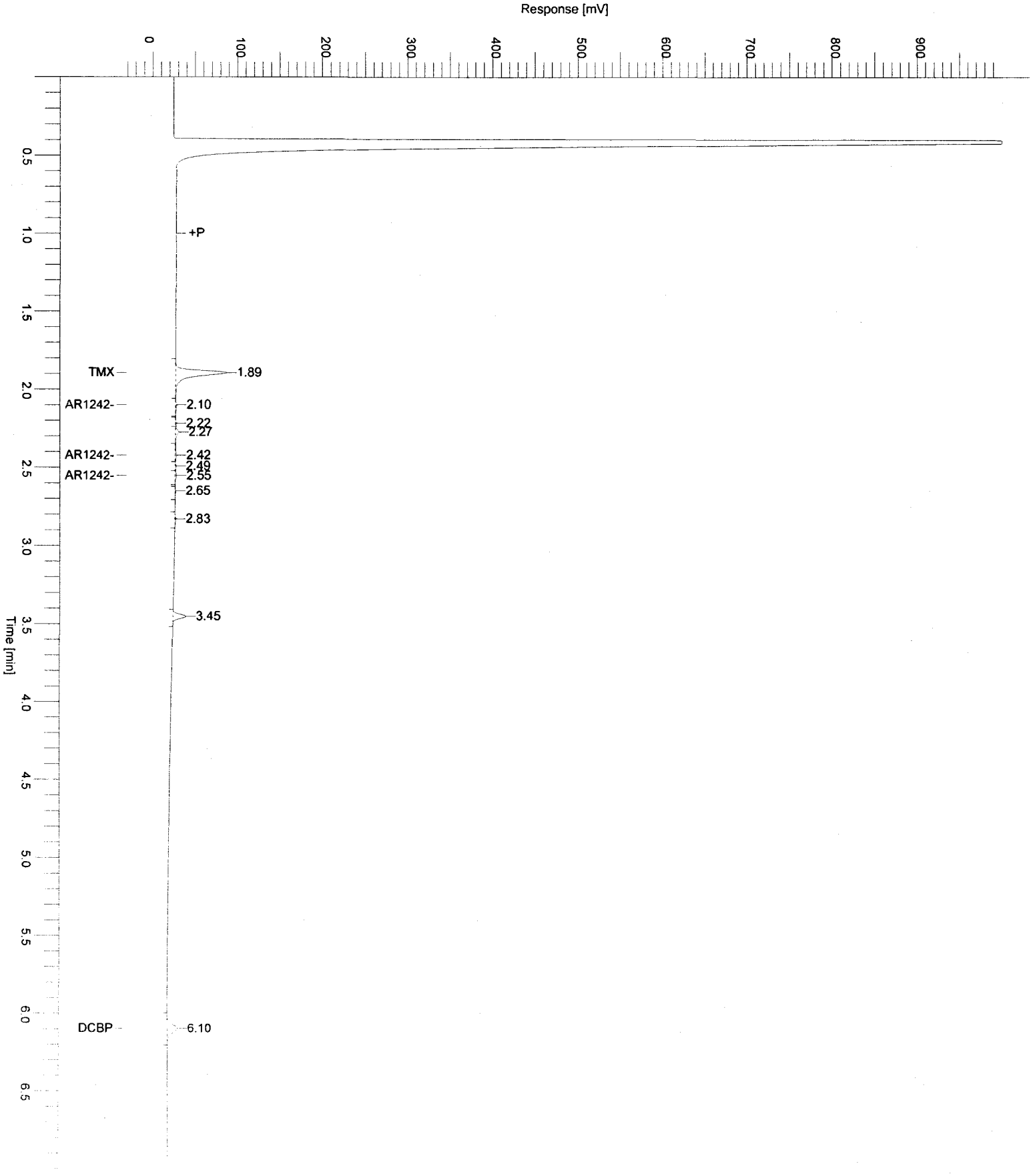
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

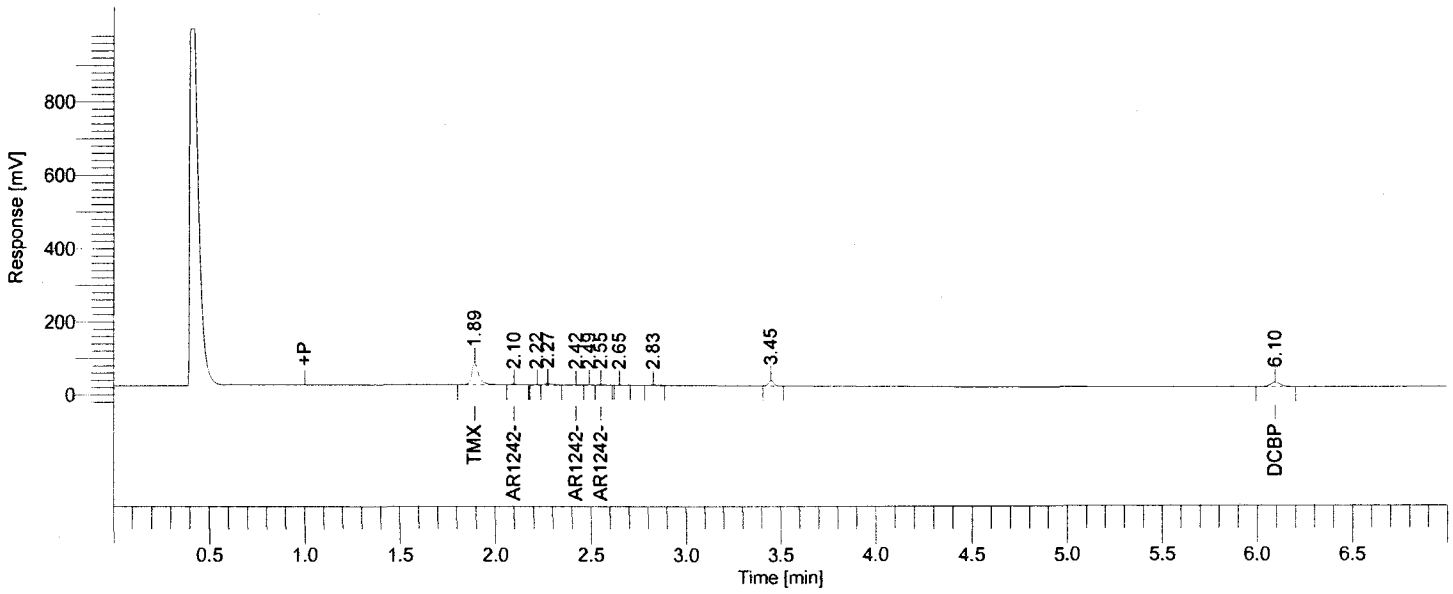
Chromatogram

Sample Name : AW60024913 Sample #: A6691510 Page 1 of 1
FileName : H:\TURBO6\5890-12\12A46131.raw
Date : 06/21/2006 07:57:46
Method : 12DINS Time of Injection: 06/21/2006 00:01:34
Start Time : 0.00 min End Time : 7.00 min Low Point : -31.02 mV High Point : 1000.00 mV
Scale Factor: 1.0 Plot Offset: -31.02 mV Plot Scale: 1031.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/21/2006 07:57:45
Reprocess Number	: buf2042: 110394		
Operator	: tchrom	Sample Name	: AW60024913
Sample Number	: A6691510	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/21/2006 00:01:34	Cycle	: 8

Raw Data File : H:\TURBO6\5890-12\12A46131.raw <Modified>
Result File : H:\TURBO6\5890-12\12A46131.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A46131.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A46131.rst
Calib Method : h:\turbo6\5890-12\12a-4-pcb(06-11-06).mth from H:\TURBO6\5890-12\12A46131.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
1	1.89	BV	154384	TMX	0.0122	-------	0
	2.55		10095	AR1242	0.0061	0.0015	4
11	6.10	BB	44036	DCBP	0.0085	-------	0
			208515			0.0015	

6/23/06

06/21/2006 07:57:45 Result: H:\TURBO6\5890-12\12A46131.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
2	2.10	VB	3143	AR1242-A	0.0122	0.0031	4
5	2.42	VV	3431	AR1242-B	0.0078	0.0020	4
7	2.55	VB	3521	AR1242-C	0.0136	0.0034	4
-	2.74		0	AR1242-D	0.0000	-------	-
			10095			0.0084	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.98		0	AR1248-A	0.0000	-------	-
-	3.14		0	AR1248-B	0.0000	-------	-
-	3.23		0	AR1248-C	0.0000	-------	-
-	3.57		0	AR1248-D	0.0000	-------	-
			0			0.0000	

Group Report For : AR1254

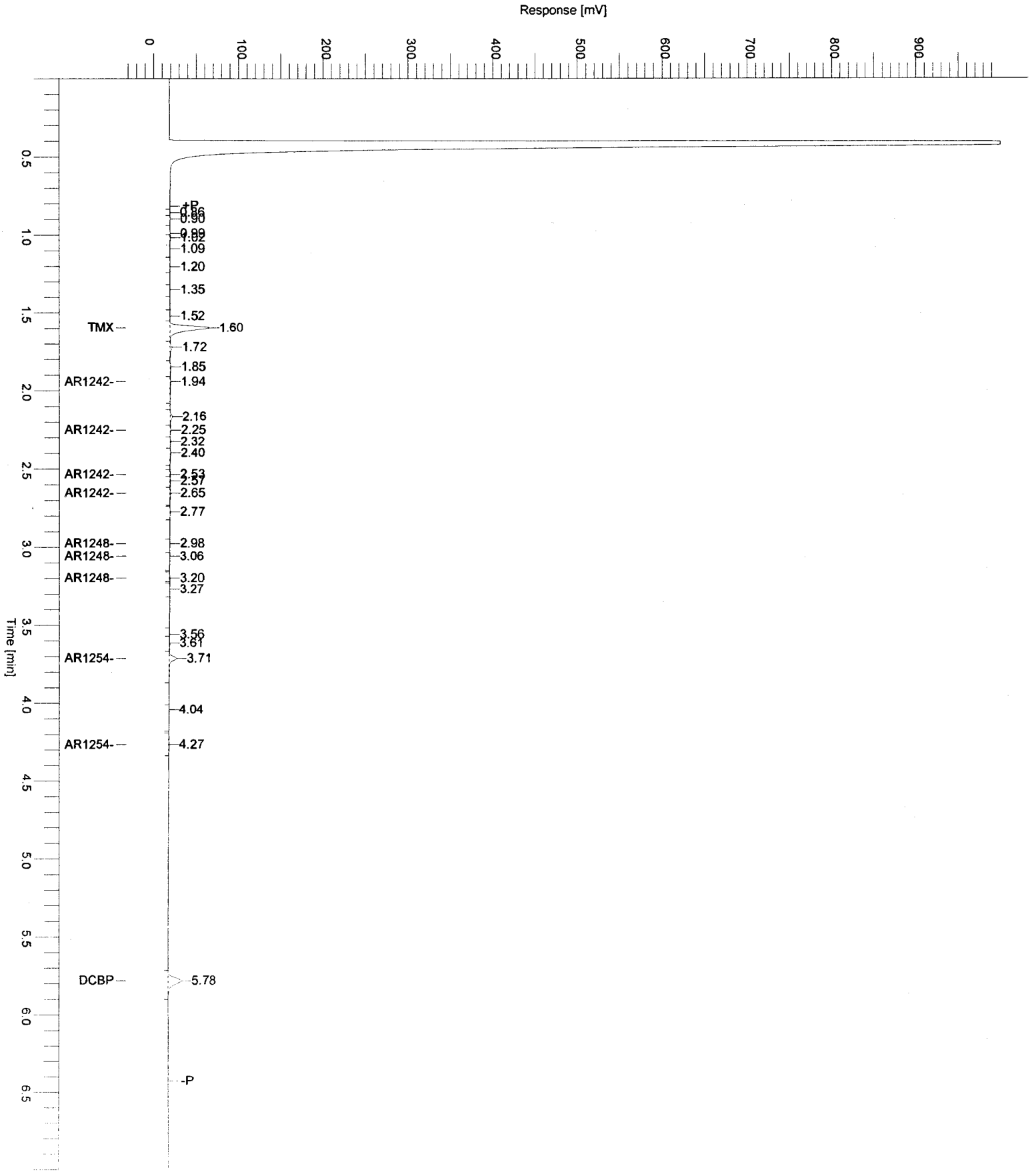
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.81		0	AR1254-A	0.0000	-------	-
-	3.88		0	AR1254-B	0.0000	-------	-
-	4.06		0	AR1254-C	0.0000	-------	-
-	4.42		0	AR1254-D	0.0000	-------	-
			0			0.0000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.22		0	AR1260-A	0.0000	-------	-
-	4.89		0	AR1260-B	0.0000	-------	-
-	5.11		0	AR1260-C	0.0000	-------	-
-	5.54		0	AR1260-D	0.0000	-------	-
			0			0.0000	

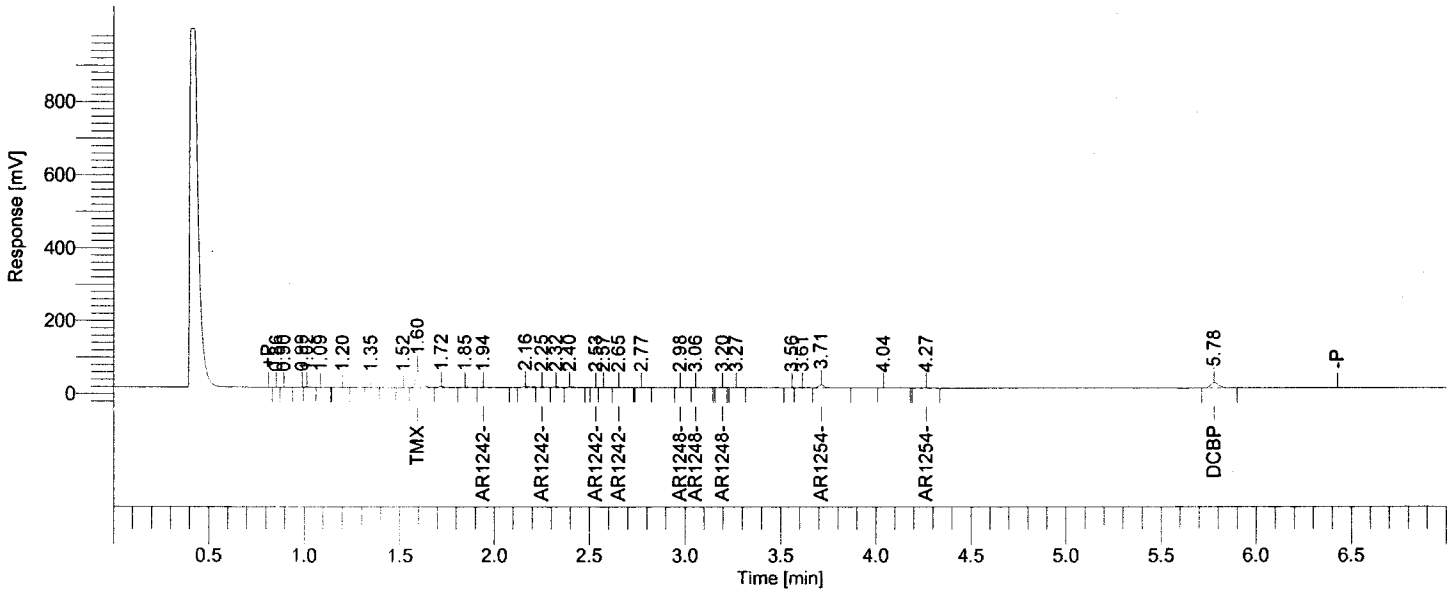
Chromatogram

Sample Name : AW60024913 Sample #: A6691510 Page 1 of 1
FileName : H:\TURBO6\5890-12\12B46131.raw
Date : 06/21/2006 07:57:52
Method : 12DINS Time of Injection: 06/21/2006 00:01:34
Start Time : 0.00 min End Time : 7.00 min Low Point : -32.78 mV High Point : 1000.00 mV
Scale Factor: 1.0 Plot Offset: -32.78 mV Plot Scale: 1032.8 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/21/2006 07:57:50
Reprocess Number	: buf2042: 110395		
Operator	: tchrom	Sample Name	: AW60024913
Sample Number	: A6691510	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/21/2006 00:01:34	Cycle	: 8

Raw Data File : H:\TURBO6\5890-12\12B46131.raw <Modified>
Result File : H:\TURBO6\5890-12\12B46131.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B46131.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B46131.rst
Calib Method : h:\turbo6\5890-12\12b-4-pcb(06-11-06).mth from H:\TURBO6\5890-12\12B46131.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
9	1.60	VV	96790	TMX	0.0153	------	0
	2.25		6897	AR1242	0.0088	0.0022	4
	2.98		1453	AR1248	0.0014	3.4e-04	4
	3.71		18781	AR1254	0.0135	0.0034	4
30	5.78	BB	45359	DCBP	0.0117	------	0
			169280			0.0059	

06/21/2006 07:57:50 Result: H:\TURBO6\5890-12\12B46131.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
12	1.94	VB	3411	AR1242-A	0.0312	0.0078	4
14	2.25	VV	2207	AR1242-B	0.0108	0.0027	4
17	2.53	BV	195	AR1242-C	5.9e-04	1.5e-04	4
19	2.65	BB	1083	AR1242-D	0.0081	0.0020	4
			6897			0.0127	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
21	2.98	BV	491	AR1248-A	0.0020	4.9e-04	4
22	3.06	VB	629	AR1248-B	0.0028	7.1e-04	4
23	3.20	BV	333	AR1248-C	0.0011	2.7e-04	4
-	3.24		0	AR1248-D	0.0000	-------	-
			1453			0.0015	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
27	3.71	VB	17942	AR1254-A	0.0432	0.0108	4
-	3.83		0	AR1254-B	0.0000	-------	-
-	3.95		0	AR1254-C	0.0000	-------	-
29	4.27	BB	838	AR1254-D	0.0026	6.6e-04	4
			18781			0.0115	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.51		0	AR1260-A	0.0000	-------	-
-	4.64		0	AR1260-B	0.0000	-------	-
-	5.25		0	AR1260-C	0.0000	-------	-
-	5.30		0	AR1260-D	0.0000	-------	-
			0			0.0000	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.: NM-MW-03-GW

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix: (soil/water) WATER Lab Sample ID: A6710102

Sample wt/vol: 1055.00 (g/mL) ML Lab File ID: 12B47033.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 06/19/2006 06/22/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 06/27/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/28/2006

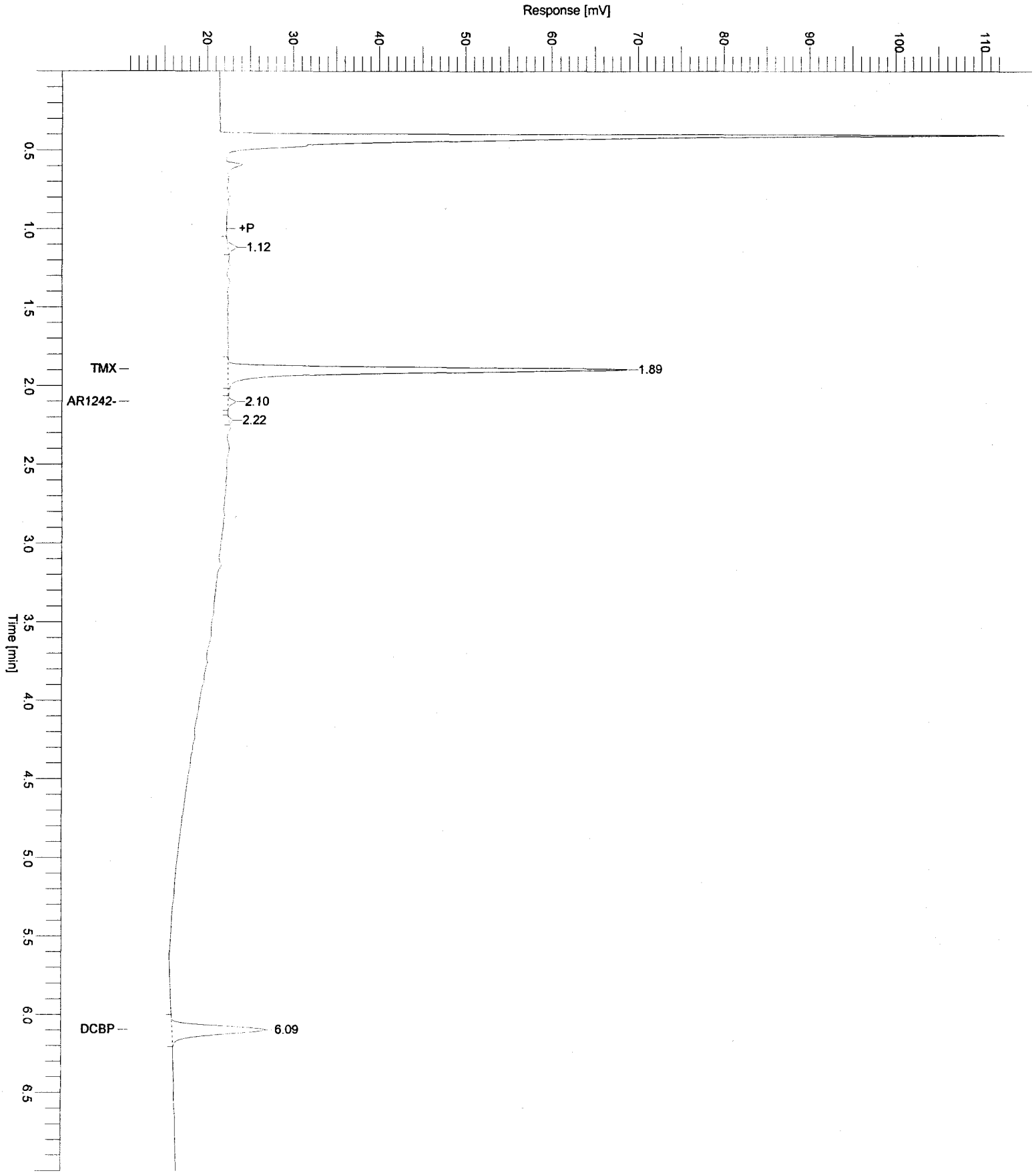
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.47	U
11104-28-2	Aroclor 1221	0.47	U
11141-16-5	Aroclor 1232	0.47	U
53469-21-9	Aroclor 1242	0.47	U
12672-29-6	Aroclor 1248	0.47	U
11097-69-1	Aroclor 1254	0.47	U
11096-82-5	Aroclor 1260	0.47	U

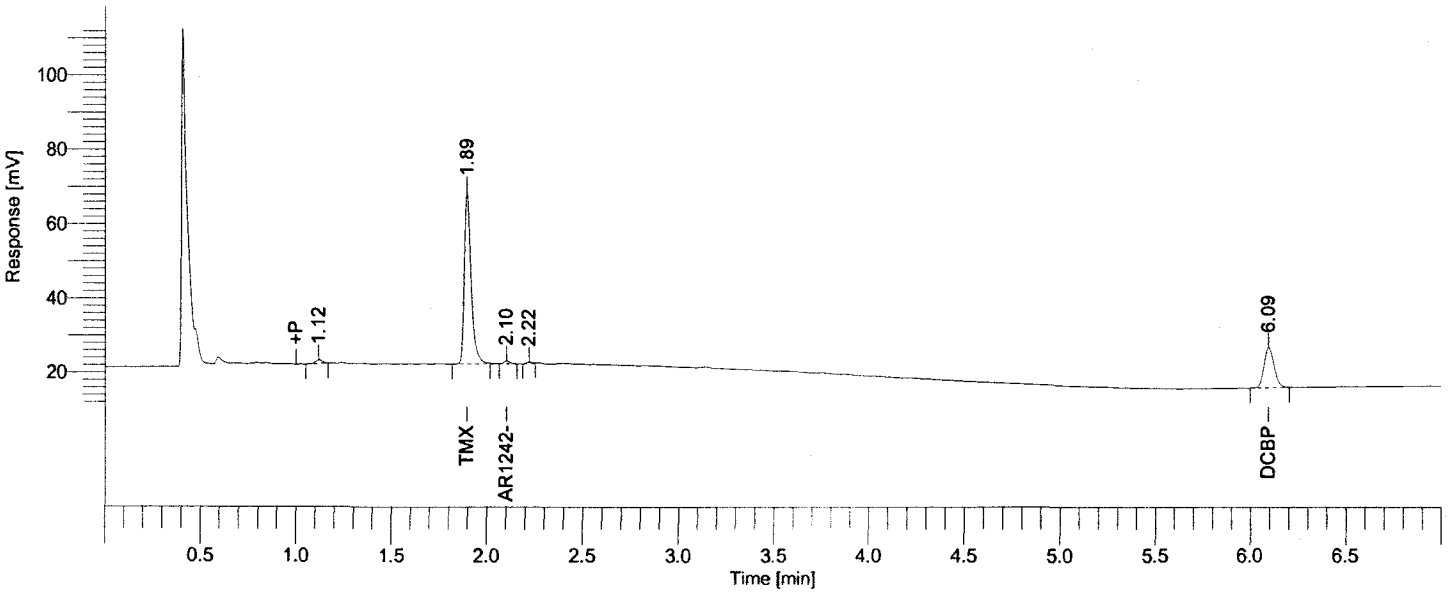
Chromatogram

Sample Name : AW60025545 Sample #: A6710102 Page 1 of 1
FileName : H:\TURBO6\5890-12\12A47033.raw
Date : 06/28/2006 14:41:15
Method : 12DINS Time of Injection: 06/28/2006 13:36:40
Start Time : 0.00 min End Time : 7.00 min Low Point : 10.85 mV High Point : 112.56 mV
Scale Factor: 1.0 Plot Offset: 10.85 mV Plot Scale: 101.7 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/28/2006 14:41:13
Reprocess Number	: buf2042: 111434		
Operator	: tchrom	Sample Name	: AW60025545
Sample Number	: A6710102	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/28/2006 13:36:40	Cycle	: 1

Raw Data File : H:\TURBO6\5890-12\12A47033.raw <Modified>
Result File : H:\TURBO6\5890-12\12A47033.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A47033.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A47033.rst
Calib Method : h:\turbo6\5890-12\12a-4-pcb(06-11-06).mth from H:\TURBO6\5890-12\12A47033.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D47.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
2	1.89	BV	114284	TMX	0.0085	-------	0
	2.10		1793	~~AR1242~~	0.0011	2.7e-04	4
5	6.09	BB	39514	DCBP	0.0074	-------	0
			155591			2.7e-04	

7/6/06

06/28/2006 14:41:13 Result: H:\TURBO6\5890-12\12A47033.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
3	2.10	VB	1793	AR1242-A	0.0070	0.0017	4
-	2.43		0	AR1242-B	0.0000	-------	-
-	2.56		0	AR1242-C	0.0000	-------	-
-	2.74		0	AR1242-D	0.0000	-------	-
			1793			0.0017	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.98		0	AR1248-A	0.0000	-------	-
-	3.14		0	AR1248-B	0.0000	-------	-
-	3.23		0	AR1248-C	0.0000	-------	-
-	3.57		0	AR1248-D	0.0000	-------	-
			0			0.0000	

7/4/06 BD

Group Report For : AR1254

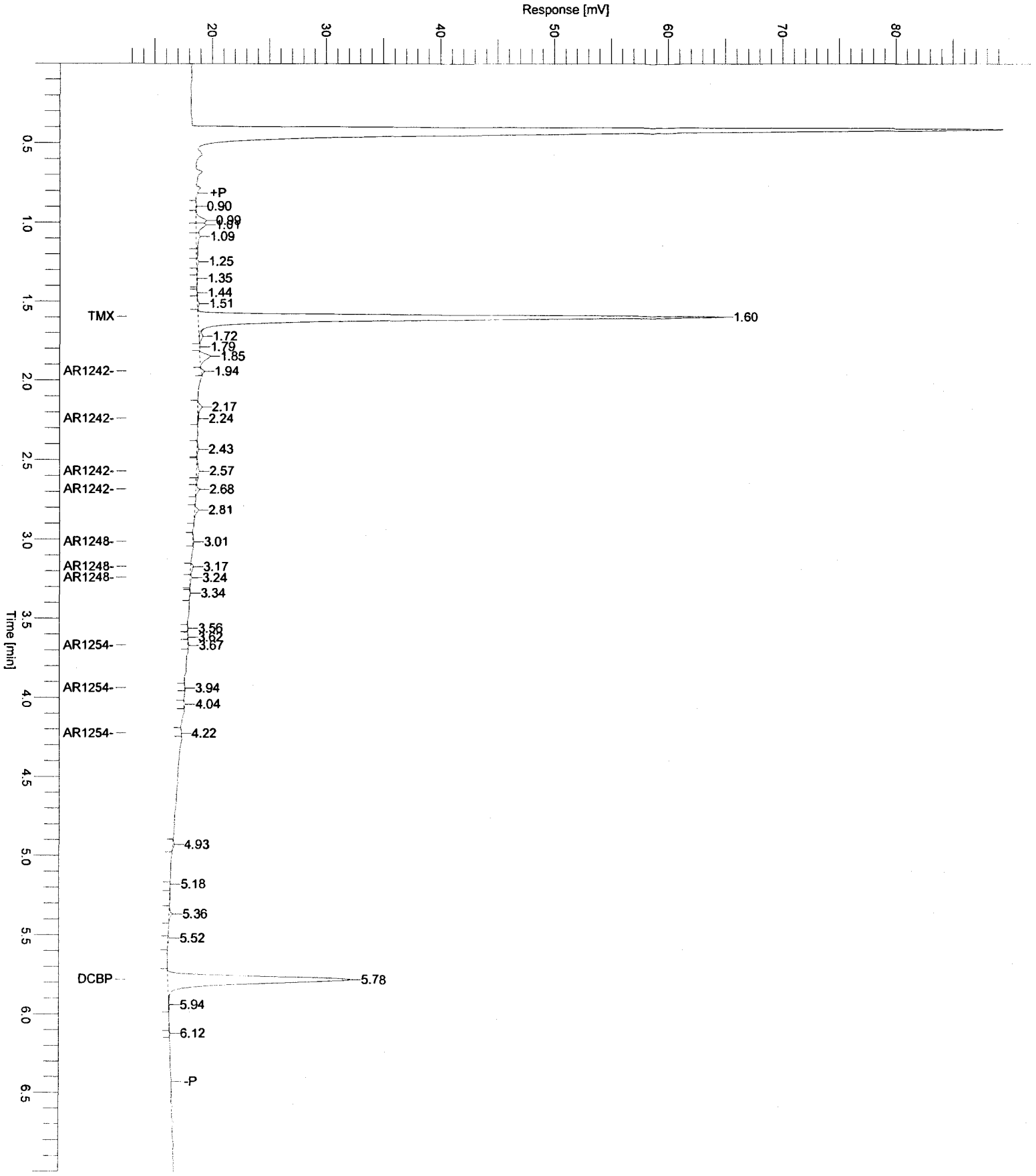
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.81		0	AR1254-A	0.0000	-------	-
-	3.88		0	AR1254-B	0.0000	-------	-
-	4.06		0	AR1254-C	0.0000	-------	-
-	4.42		0	AR1254-D	0.0000	-------	-
			0			0.0000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.22		0	AR1260-A	0.0000	-------	-
-	4.89		0	AR1260-B	0.0000	-------	-
-	5.11		0	AR1260-C	0.0000	-------	-
-	5.54		0	AR1260-D	0.0000	-------	-
			0			0.0000	

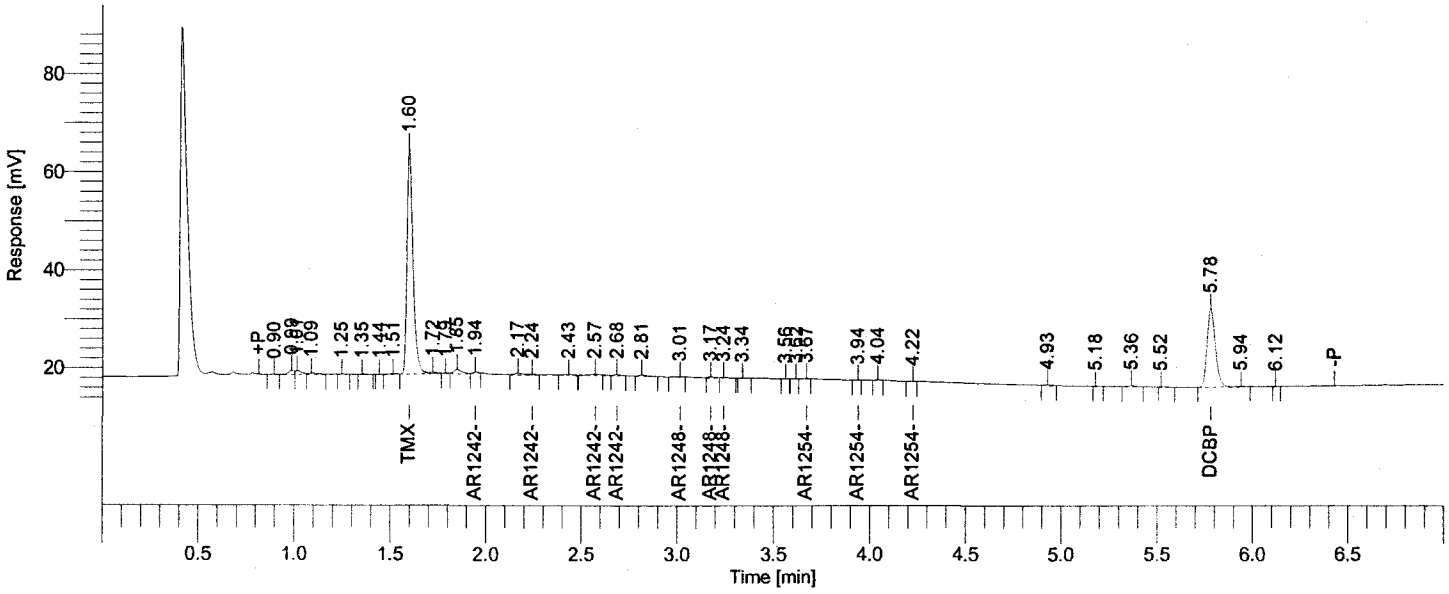
Chromatogram

Sample Name : AW60025545 Sample #: A6710102 Page 1 of 1
FileName : H:\TURBO6\5890-12\12B47033.raw
Date : 06/28/2006 14:41:18
Method : 12DINS Time of Injection: 06/28/2006 13:36:40
Start Time : 0.00 min End Time : 7.00 min Low Point : 12.52 mV High Point : 89.45 mV
Scale Factor: 1.0 Plot Offset: 12.52 mV Plot Scale: 76.9 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/28/2006 14:41:16
Reprocess Number	: buf2042: 111435		
Operator	: tchrom	Sample Name	: AW60025545
Sample Number	: A6710102	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/28/2006 13:36:40	Cycle	: 1

Raw Data File : H:\TURBO6\5890-12\12B47033.raw <Modified>
Result File : H:\TURBO6\5890-12\12B47033.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B47033.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B47033.rst
Calib Method : h:\turbo6\5890-12\12b-4-pcb(06-11-06).mth from H:\TURBO6\5890-12\12B47033.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D47.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
9	1.60	VE	100046	TMX	0.0158	-------	0
	2.68		2138	AR1242	0.0027	6.9e-04	4
	3.17		1184	AR1248	0.0011	2.8e-04	4
34	5.78	BE	48525	DCBP	0.0126	-------	0
			151893			9.7e-04	

7/6/06

06/28/2006 14:41:16 Result: H:\TURBO6\5890-12\12B47033.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
13	1.94	BB	385	AR1242-A	0.0035	8.8e-04	4
15	2.24	EB	184	AR1242-B	9.0e-04	2.3e-04	4
17	2.57	BV	954	AR1242-C	0.0029	7.2e-04	4
18	2.68	VB	615	AR1242-D	0.0046	0.0012	4
			2138			0.0030	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
20	3.01	BB	200	AR1248-A	8.1e-04	2.0e-04	4
-	3.07		0	AR1248-B	0.0000	-------	-
21	3.17	BV	634	AR1248-C	0.0021	5.1e-04	4
22	3.24	VB	350	AR1248-D	0.0012	3.1e-04	4
			1184			0.0010	

7/4/06

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
26	3.67	VB	88	AR1254-A	2.1e-04	5.3e-05	4
-	3.83		0	AR1254-B	0.0000	-------	-
27	3.94	BB	45	AR1254-C	2.7e-04	6.7e-05	4
29	4.22	BB	65	AR1254-D	2.0e-04	5.1e-05	4
			198			1.7e-04	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.51		0	AR1260-A	0.0000	-------	-
-	4.64		0	AR1260-B	0.0000	-------	-
-	5.25		0	AR1260-C	0.0000	-------	-
-	5.30		0	AR1260-D	0.0000	-------	-
			0			0.0000	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-04-GW

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix: (soil/water) WATER Lab Sample ID: A6710103

Sample wt/vol: 1060.00 (g/mL) ML Lab File ID: 12B47034.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 06/19/2006 06/22/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 06/27/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/28/2006

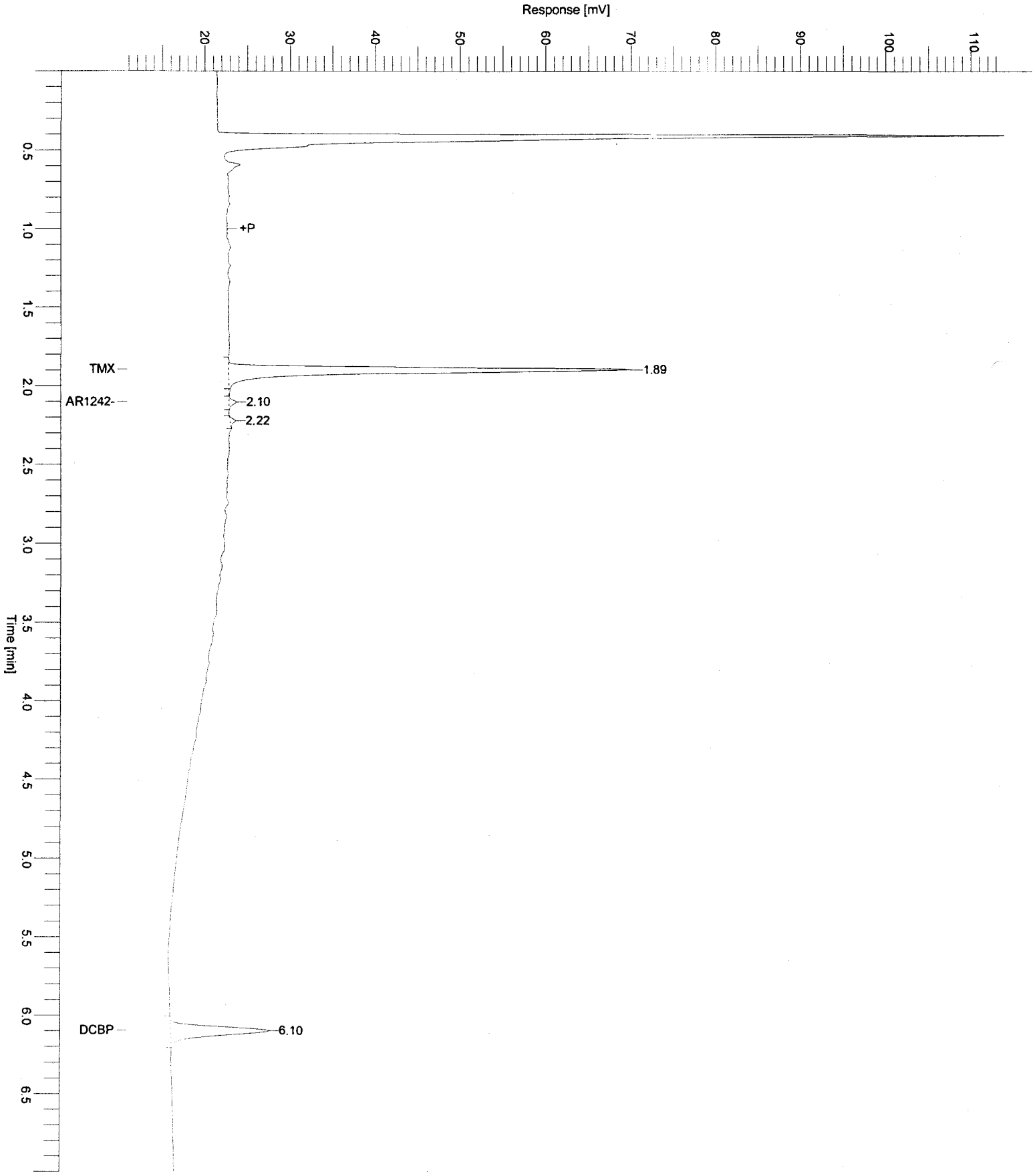
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.47	U
11104-28-2	Aroclor 1221	0.47	U
11141-16-5	Aroclor 1232	0.47	U
53469-21-9	Aroclor 1242	0.47	U
12672-29-6	Aroclor 1248	0.47	U
11097-69-1	Aroclor 1254	0.47	U
11096-82-5	Aroclor 1260	0.47	U

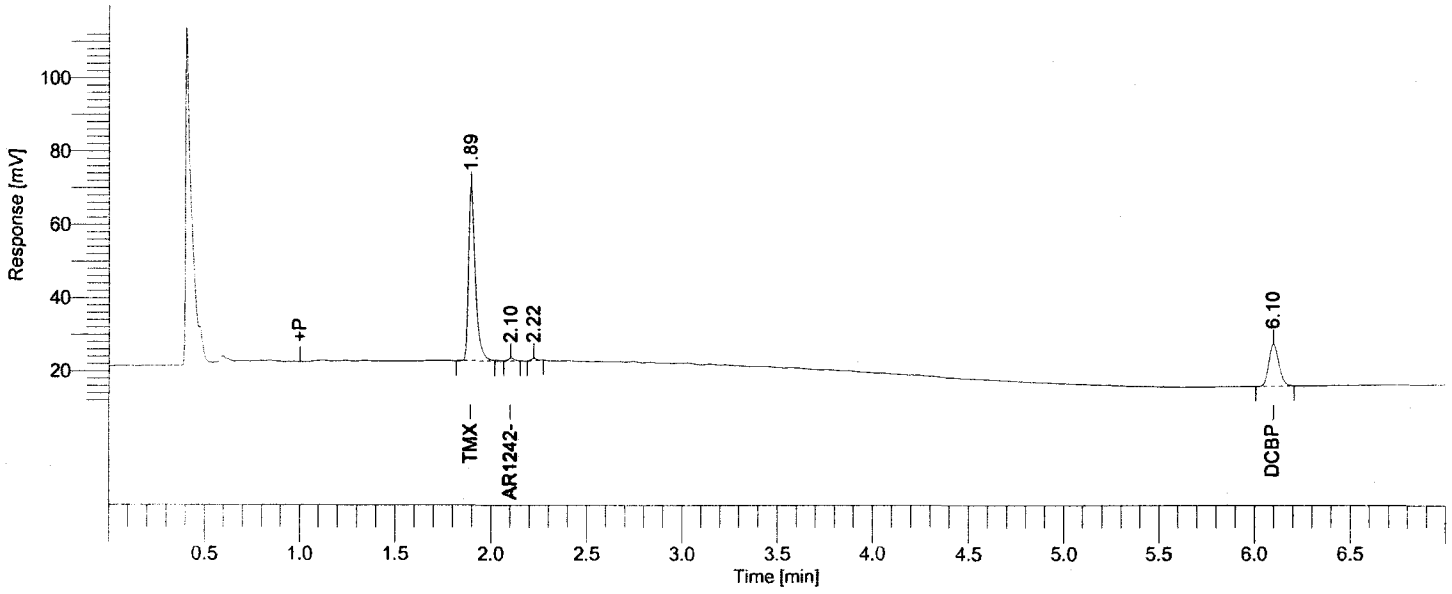
Chromatogram

Sample Name : AW60025546 Sample #: A6710103 Page 1 of 1
FileName : H:\TURBO6\5890-12\12A47034.raw
Date : 06/28/2006 14:41:20
Method : 12DINS Time of Injection: 06/28/2006 13:56:26
Start Time : 0.00 min End Time : 7.00 min Low Point : 10.86 mV High Point : 113.91 mV
Scale Factor: 1.0 Plot Offset: 10.86 mV Plot Scale: 103.1 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/28/2006 14:41:19
Reprocess Number	: buf2042: 111436		
Operator	: tchrom	Sample Name	: AW60025546
Sample Number	: A6710103	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/28/2006 13:56:26	Cycle	: 2

Raw Data File : H:\TURBO6\5890-12\12A47034.raw <Modified>
Result File : H:\TURBO6\5890-12\12A47034.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A47034.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A47034.rst
Calib Method : h:\turbo6\5890-12\12a-4-pcb(06-11-06).mth from H:\TURBO6\5890-12\12A47034.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D47.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
1	1.89	BV	116715	TMX	0.0087	-------	0
	2.10		1708	~~AR1242~~	0.0010	2.6e-04	4
4	6.10	BB	42046	DCBP	0.0080	-------	0
			160469			2.6e-04	

7/4/14

06/28/2006 14:41:19 Result: H:\TURBO6\5890-12\12A47034.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
2	2.10	VB	1708	AR1242-A	0.0066	0.0017	4
-	2.43		0	AR1242-B	0.0000	-------	-
-	2.56		0	AR1242-C	0.0000	-------	-
-	2.74		0	AR1242-D	0.0000	-------	-
			1708			0.0017	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.98		0	AR1248-A	0.0000	-------	-
-	3.14		0	AR1248-B	0.0000	-------	-
-	3.23		0	AR1248-C	0.0000	-------	-
-	3.57		0	AR1248-D	0.0000	-------	-
			0			0.0000	

7/4/24 BAD

Group Report For : AR1254

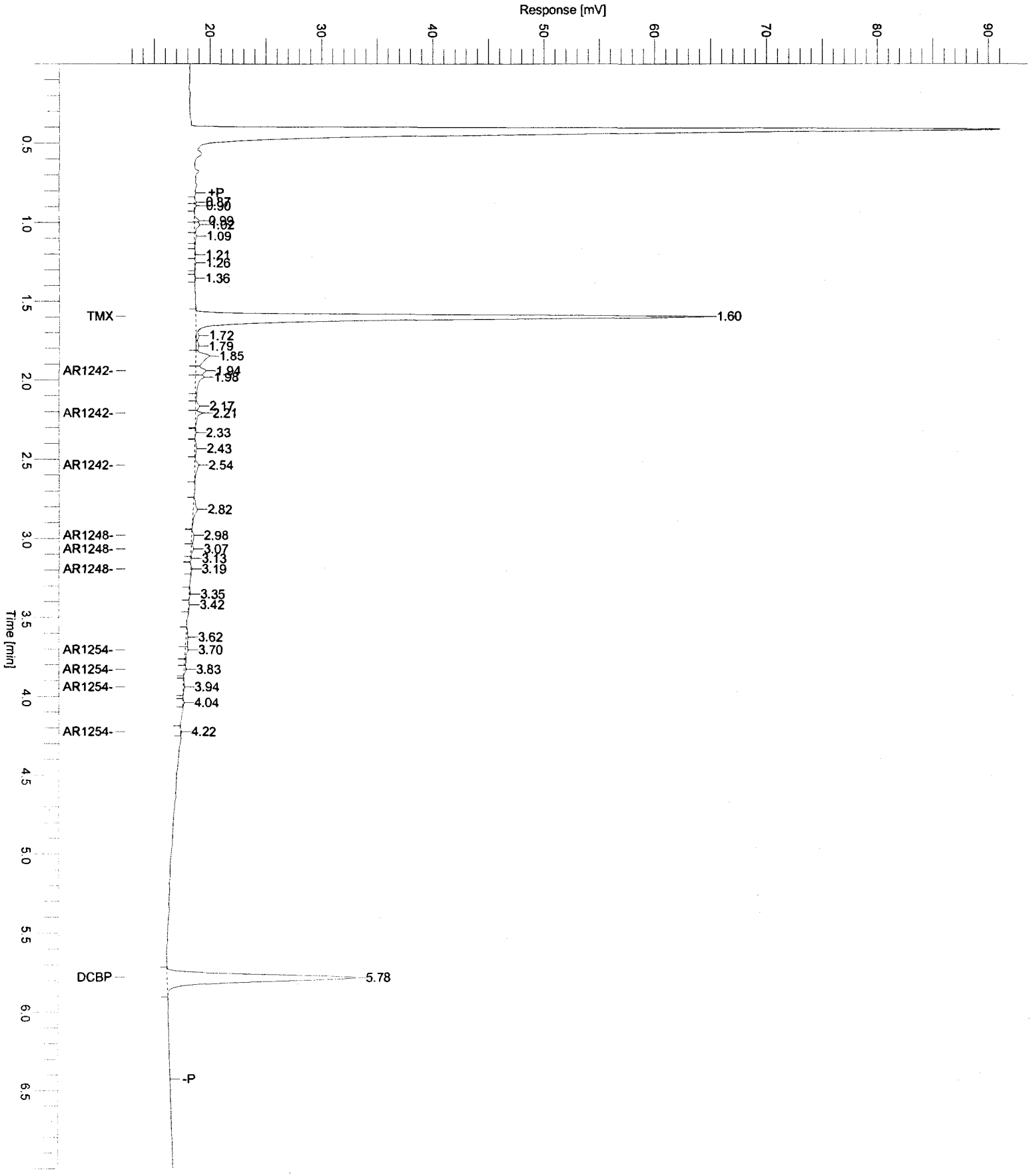
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.81		0	AR1254-A	0.0000	-------	-
-	3.88		0	AR1254-B	0.0000	-------	-
-	4.06		0	AR1254-C	0.0000	-------	-
-	4.42		0	AR1254-D	0.0000	-------	-
			0			0.0000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.22		0	AR1260-A	0.0000	-------	-
-	4.89		0	AR1260-B	0.0000	-------	-
-	5.11		0	AR1260-C	0.0000	-------	-
-	5.54		0	AR1260-D	0.0000	-------	-
			0			0.0000	

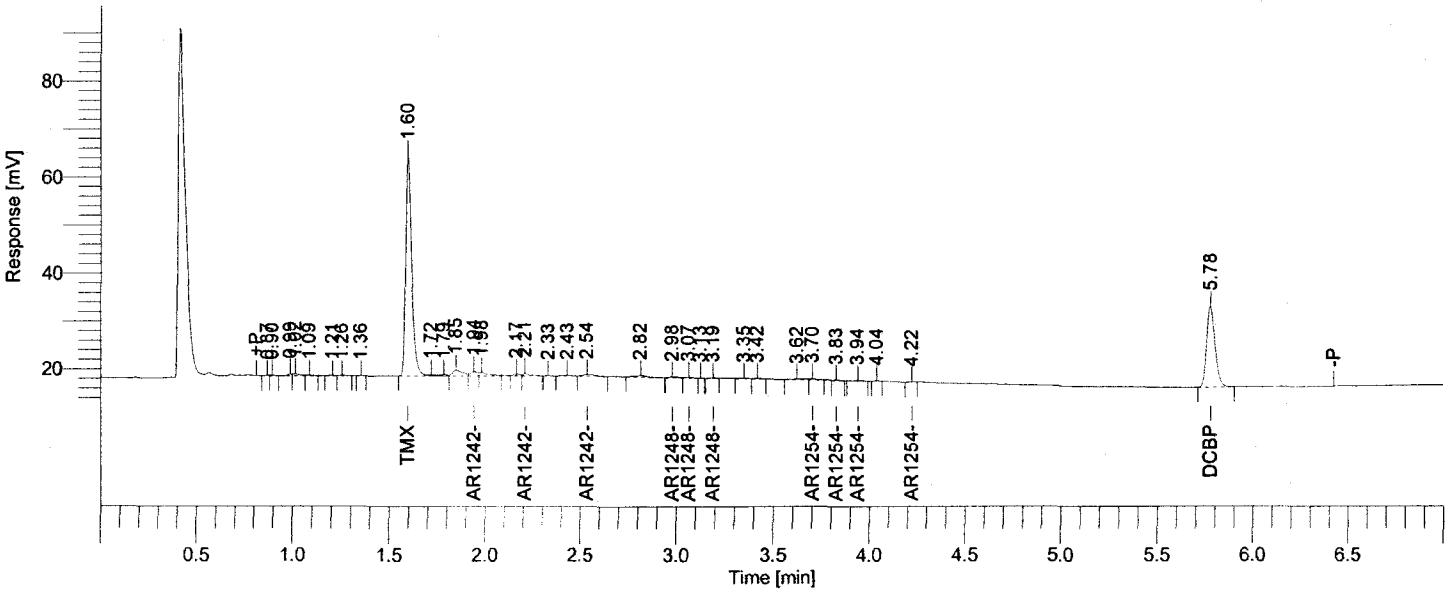
Chromatogram

Sample Name : AW60025546 Sample #: A6710103 Page 1 of 1
FileName : H:\TURBO6\5890-12\12B47034.raw
Date : 06/28/2006 14:41:23
Method : 12DINS Time of Injection: 06/28/2006 13:56:26
Start Time : 0.00 min End Time : 7.00 min Low Point : 12.42 mV High Point : 91.03 mV
Scale Factor: 1.0 Plot Offset: 12.42 mV Plot Scale: 78.6 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/28/2006 14:41:22
Reprocess Number	: buf2042: 111437		
Operator	: tchrom	Sample Name	: AW60025546
Sample Number	: A6710103	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/28/2006 13:56:26	Cycle	: 2

Raw Data File : H:\TURBO6\5890-12\12B47034.raw <Modified>
Result File : H:\TURBO6\5890-12\12B47034.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B47034.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B47034.rst
Calib Method : h:\turbo6\5890-12\12b-4-pcb(06-11-06).mth from H:\TURBO6\5890-12\12B47034.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D47.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
9	1.60	BE	100193	TMX	0.0158	------	0
	1.94		4949	~~AR1242~~	0.0063	0.0016	4
	3.07		1563	~~AR1248~~	0.0015	3.7e-04	4
	3.70		1610	~~AR1254~~	0.0012	2.9e-04	4
33	5.78	BB	51013	DCBP	0.0133	------	0
			159328			0.0022	

7/4/06

06/28/2006 14:41:22 Result: H:\TURBO6\5890-12\12B47034.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
13	1.94	VV	2323	AR1242-A	0.0213	0.0053	4
16	2.21	VB	1218	AR1242-B	0.0060	0.0015	4
19	2.54	VB	1408	AR1242-C	0.0042	0.0011	4
-	2.64		0	AR1242-D	0.0000	-------	-
			4949			0.0079	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
21	2.98	BV	781	AR1248-A	0.0031	7.9e-04	4
22	3.07	VB	592	AR1248-B	0.0027	6.7e-04	4
24	3.19	BB	190	AR1248-C	6.2e-04	1.5e-04	4
-	3.24		0	AR1248-D	0.0000	-------	-
			1563			0.0016	

7/4/06

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
28	3.70	VV	738	AR1254-A	0.0018	4.4e-04	4
29	3.83	VB	450	AR1254-B	9.3e-04	2.3e-04	4
30	3.94	BB	343	AR1254-C	0.0020	5.1e-04	4
32	4.22	BB	79	AR1254-D	2.5e-04	6.2e-05	4
			1610			0.0012	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.51		0	AR1260-A	0.0000	-------	-
-	4.64		0	AR1260-B	0.0000	-------	-
-	5.25		0	AR1260-C	0.0000	-------	-
-	5.30		0	AR1260-D	0.0000	-------	-
			0			0.0000	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-05-GW

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix: (soil/water) WATER Lab Sample ID: A6710104

Sample wt/vol: 1060.00 (g/mL) ML Lab File ID: 12B47037.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 06/19/2006 06/22/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 06/27/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/28/2006

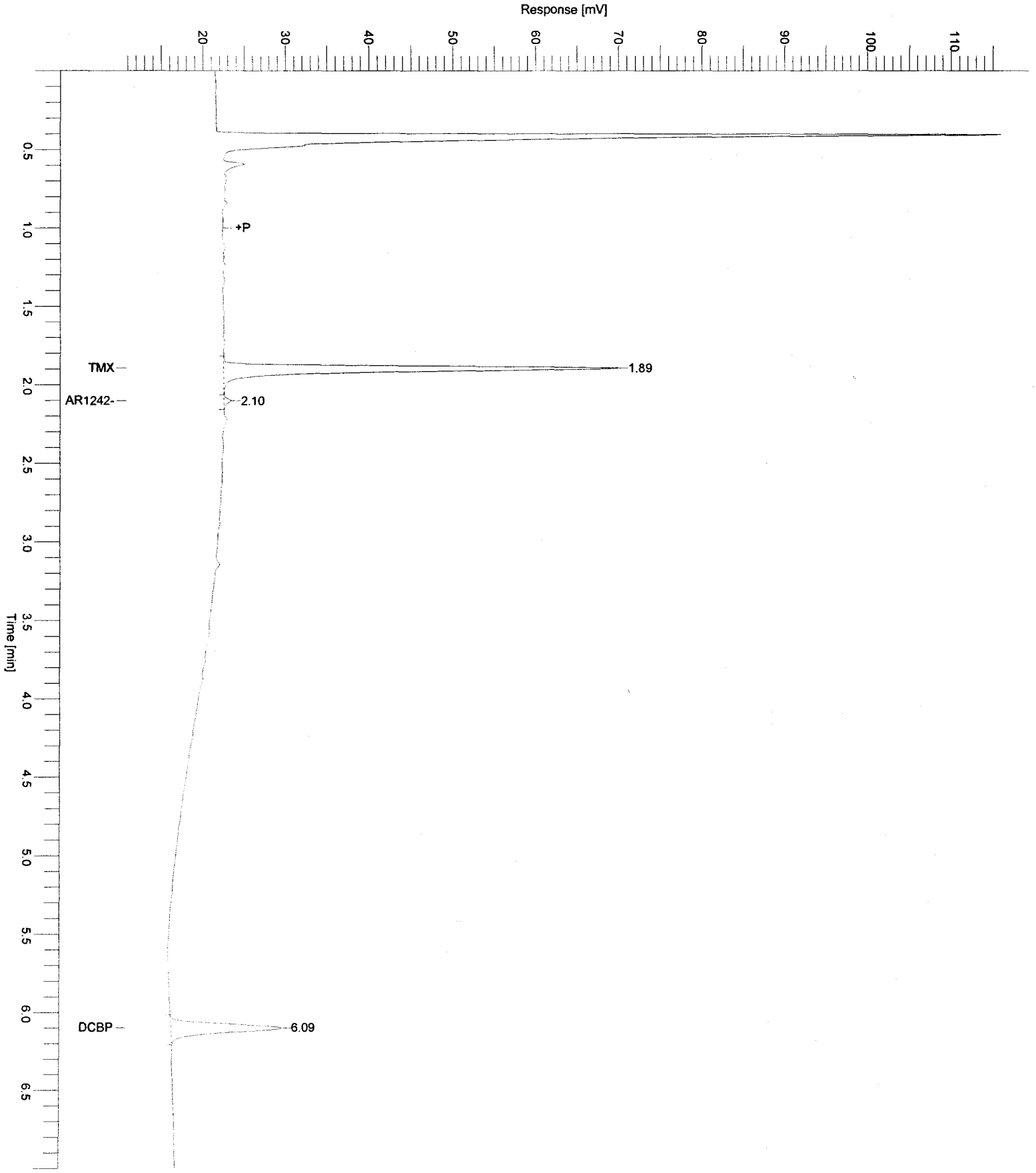
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.47	U
11104-28-2	Aroclor 1221	0.47	U
11141-16-5	Aroclor 1232	0.47	U
53469-21-9	Aroclor 1242	0.47	U
12672-29-6	Aroclor 1248	0.47	U
11097-69-1	Aroclor 1254	0.47	U
11096-82-5	Aroclor 1260	0.47	U

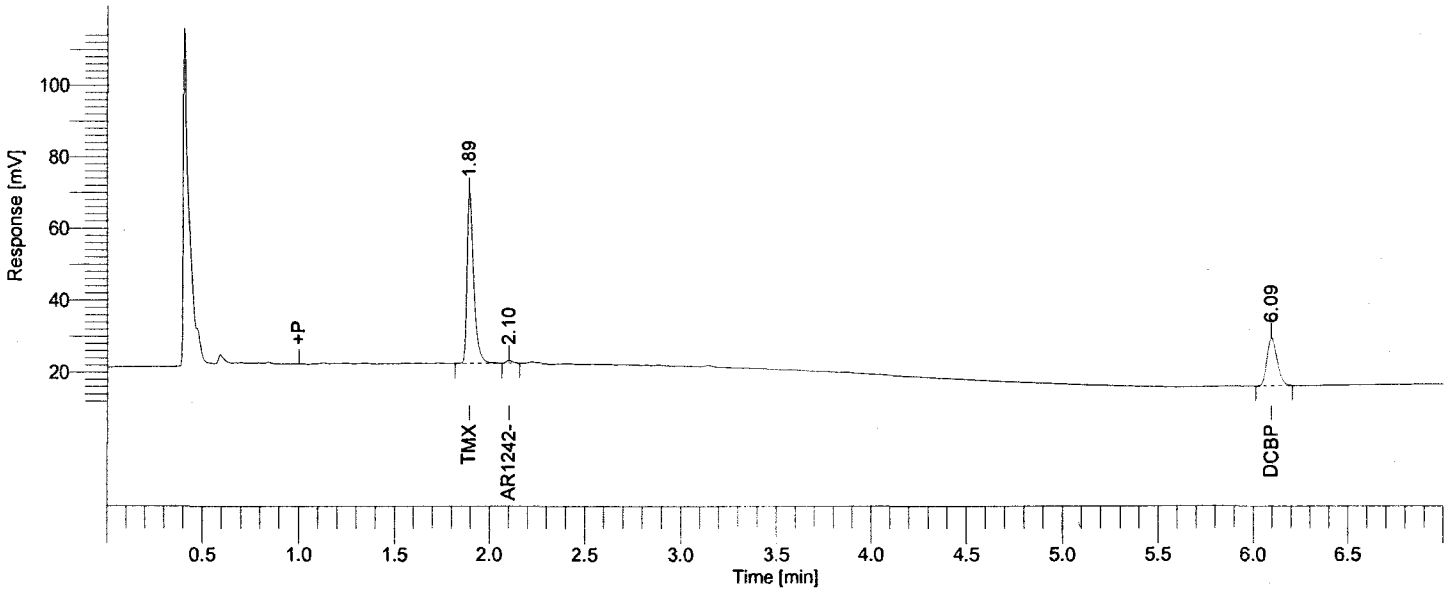
Chromatogram

Sample Name : AW60025547 Sample #: A6710104 Page 1 of 1
FileName : H:\TURBO6\5890-12\12A47037.raw
Date : 06/28/2006 22:44:03
Method : 12DINS Time of Injection: 06/28/2006 14:55:38
Start Time : 0.00 min End Time : 7.00 min Low Point : 10.89 mV High Point : 115.99 mV
Scale Factor: 1.0 Plot Offset: 10.89 mV Plot Scale: 105.1 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/28/2006 22:44:02
Reprocess Number	: buf2048: 43437		
Operator	: tchrom	Sample Name	: AW60025547
Sample Number	: A6710104	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/28/2006 14:55:38	Cycle	: 1

Raw Data File : H:\TURBO6\5890-12\12A47037.raw <Modified>
Result File : H:\TURBO6\5890-12\12A47037.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A47037.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A47037.rst
Calib Method : h:\turbo6\5890-12\12a-4-pcb(06-11-06).mth from H:\TURBO6\5890-12\12A47037.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D47.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
1	1.89	BV	116350	TMX	0.0087	-------	0
	2.10		1795	~~AR1242~~	0.0011	2.7e-04	4
3	6.09	BB	48941	DCBP	0.0098	-------	0
			167086			2.7e-04	

7/4/06

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
2	2.10	VB	1795	AR1242-A	0.0070	0.0017	4
-	2.43		0	AR1242-B	0.0000	-------	-
-	2.56		0	AR1242-C	0.0000	-------	-
-	2.74		0	AR1242-D	0.0000	-------	-
			1795			0.0017	

06/28/2006 22:44:02 Result: H:\TURBO6\5890-12\12A47037.rst

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.98		0	AR1248-A	0.0000	-------	-
-	3.14		0	AR1248-B	0.0000	-------	-
-	3.23		0	AR1248-C	0.0000	-------	-
-	3.57		0	AR1248-D	0.0000	-------	-
			0			0.0000	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.81		0	AR1254-A	0.0000	-------	-
-	3.88		0	AR1254-B	0.0000	-------	-
-	4.06		0	AR1254-C	0.0000	-------	-
-	4.42		0	AR1254-D	0.0000	-------	-
			0			0.0000	

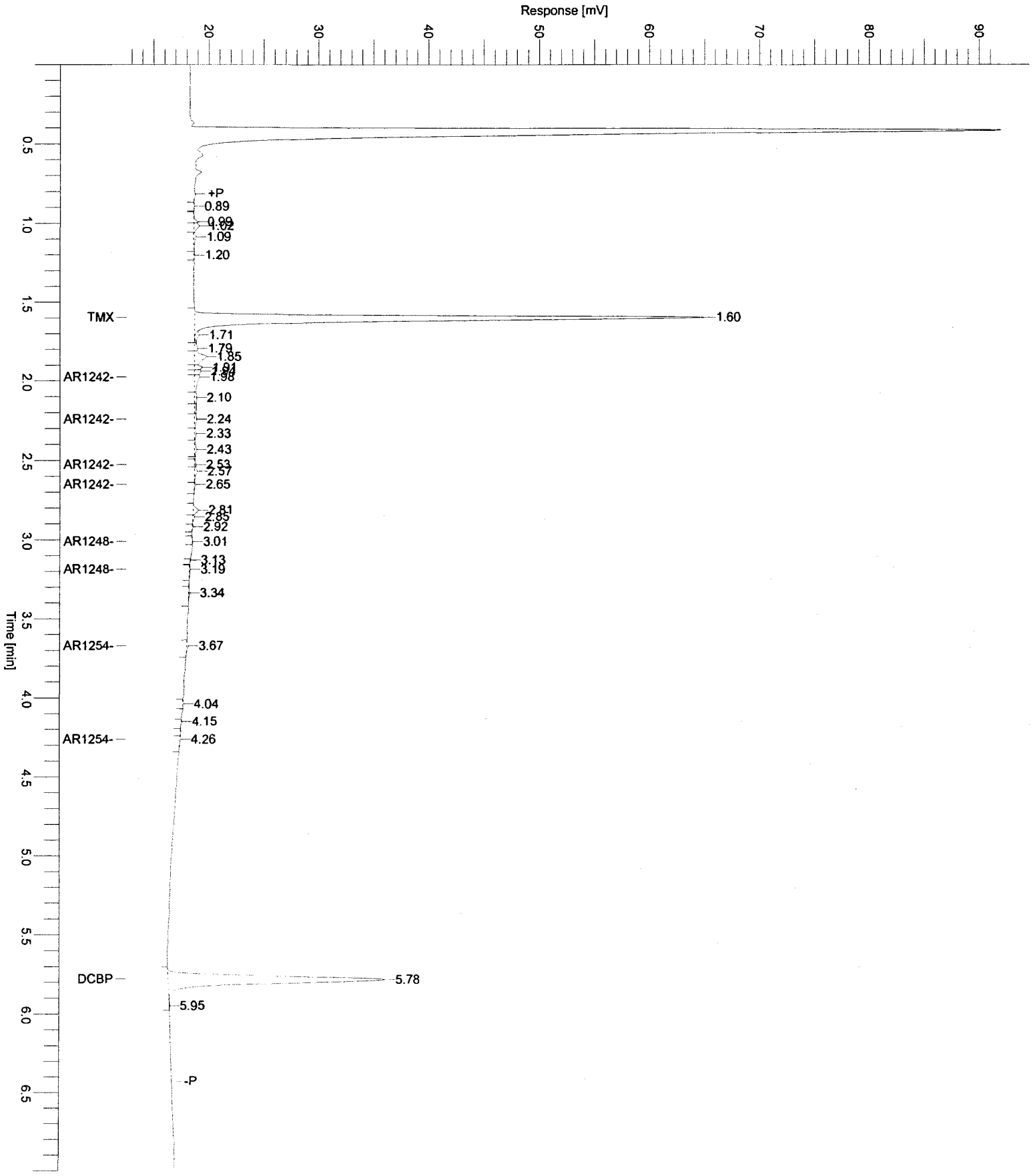
7/6/06 BD

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.22		0	AR1260-A	0.0000	-------	-
-	4.89		0	AR1260-B	0.0000	-------	-
-	5.11		0	AR1260-C	0.0000	-------	-
-	5.54		0	AR1260-D	0.0000	-------	-
			0			0.0000	

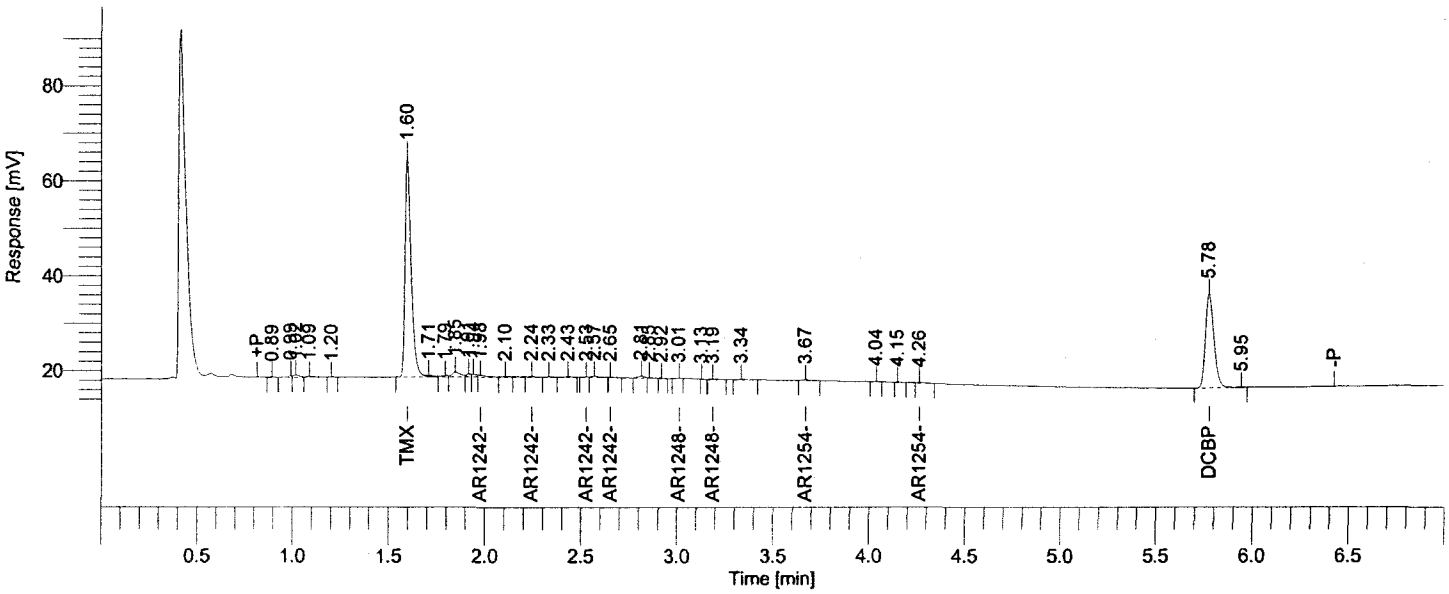
Chromatogram

Sample Name : AW60025547 Sample #: A6710104 Page 1 of 1
FileName : H:\TURBO6\5890-12\12B47037.raw
Date : 06/28/2006 22:44:08
Method : 12DINS Time of Injection: 06/28/2006 14:55:38
Start Time : 0.00 min End Time : 7.00 min Low Point : 12.53 mV High Point : 91.99 mV
Scale Factor: 1.0 Plot Offset: 12.53 mV Plot Scale: 79.5 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/28/2006 22:44:07
Reprocess Number	: buf2048: 43438		
Operator	: tchrom	Sample Name	: AW60025547
Sample Number	: A6710104	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/28/2006 14:55:38	Cycle	: 1

Raw Data File : H:\TURBO6\5890-12\12B47037.raw <Modified>
Result File : H:\TURBO6\5890-12\12B47037.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B47037.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B47037.rst
Calib Method : h:\turbo6\5890-12\12b-4-pcb(06-11-06).mth from H:\TURBO6\5890-12\12B47037.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D47.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
6	1.60	BE	101420	TMX	0.0161	-------	0
	1.98		2968	~~AR1242~~	0.0038	9.5e-04	4
31	5.78	BE	60092	DCBP	0.0159	-------	0
			164480			9.5e-04	

7/4/06

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
12	1.98	VV	1798	AR1242-A	0.0165	0.0041	4
14	2.24	VV	735	AR1242-B	0.0036	9.0e-04	4
17	2.53	VV	270	AR1242-C	8.1e-04	2.0e-04	4
19	2.65	BB	164	AR1242-D	0.0012	3.1e-04	4
			2968			0.0055	

06/28/2006 22:44:07 Result: H:\TURBO6\5890-12\12B47037.rst

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
23	3.01	BB	94	AR1248-A	3.8e-04	9.5e-05	4
-	3.07		0	AR1248-B	0.0000	-------	-
25	3.19	BB	243	AR1248-C	7.9e-04	2.0e-04	4
-	3.24		0	AR1248-D	0.0000	-------	-
			337			2.9e-04	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
27	3.67	BB	402	AR1254-A	9.7e-04	2.4e-04	4
-	3.83		0	AR1254-B	0.0000	-------	-
-	3.95		0	AR1254-C	0.0000	-------	-
30	4.26	VB	241	AR1254-D	7.6e-04	1.9e-04	4
			643			4.3e-04	

7/4/06

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.51		0	AR1260-A	0.0000	-------	-
-	4.64		0	AR1260-B	0.0000	-------	-
-	5.25		0	AR1260-C	0.0000	-------	-
-	5.30		0	AR1260-D	0.0000	-------	-
			0			0.0000	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-06-GW

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix: (soil/water) WATER Lab Sample ID: A6710105

Sample wt/vol: 1060.00 (g/mL) ML Lab File ID: 12B47038.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 06/19/2006 06/22/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 06/27/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/28/2006

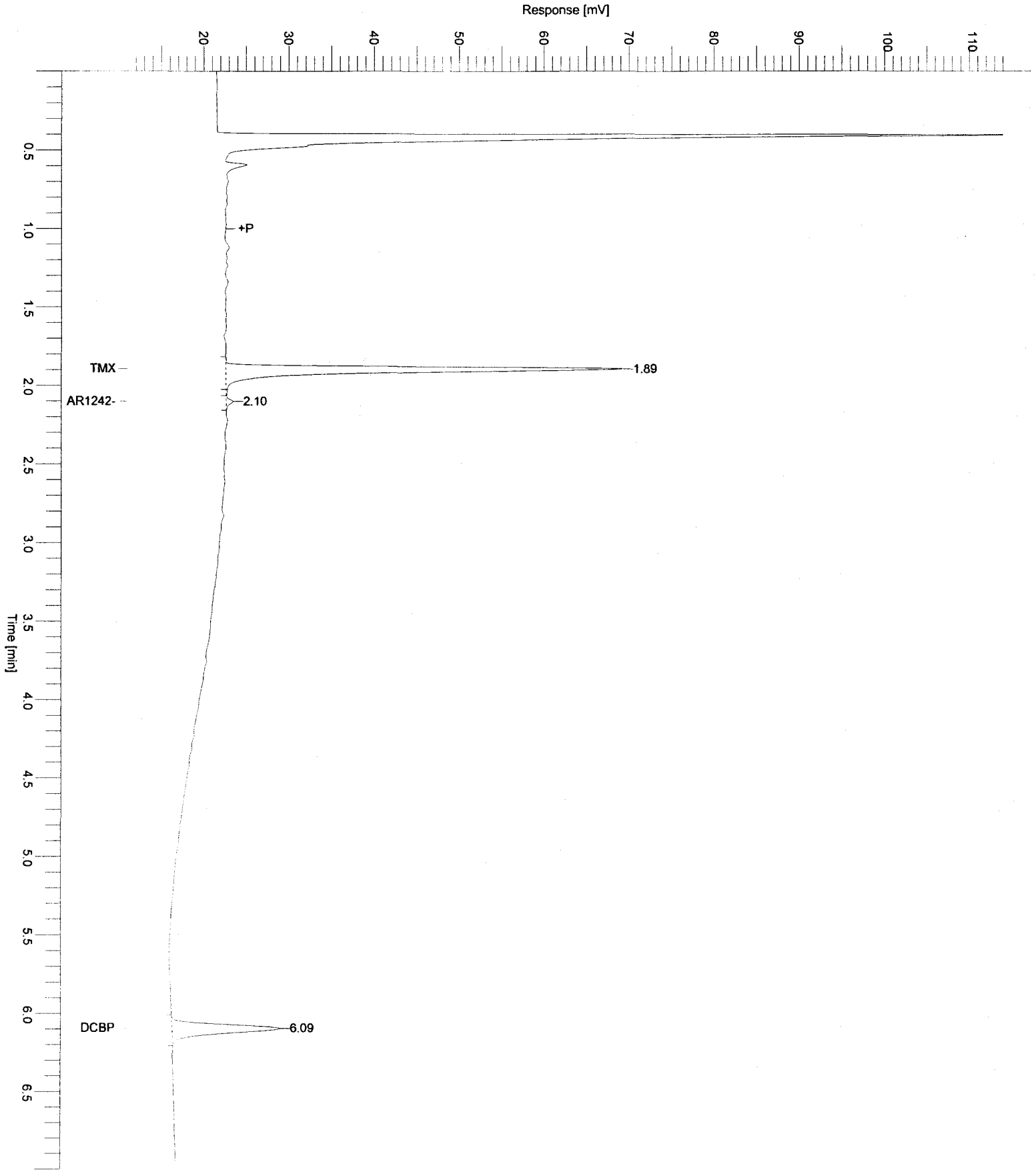
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.47	U
11104-28-2	Aroclor 1221	0.47	U
11141-16-5	Aroclor 1232	0.47	U
53469-21-9	Aroclor 1242	0.47	U
12672-29-6	Aroclor 1248	0.47	U
11097-69-1	Aroclor 1254	0.47	U
11096-82-5	Aroclor 1260	0.47	U

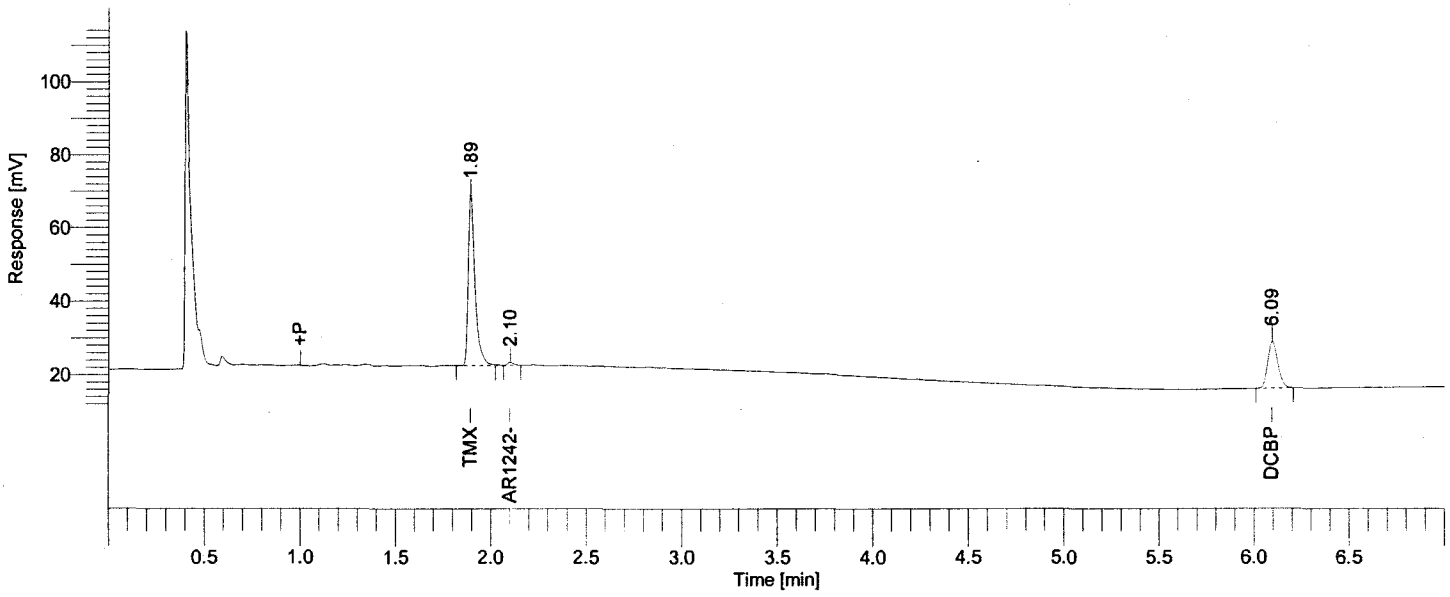
Chromatogram

Sample Name : AW60025548 Sample #: A6710105 Page 1 of 1
FileName : H:\TURBO6\5890-12\12A47038.raw
Date : 06/28/2006 22:44:14
Method : 12DINS Time of Injection: 06/28/2006 15:15:23
Start Time : 0.00 min End Time : 7.00 min Low Point : 11.07 mV High Point : 114.03 mV
Scale Factor: 1.0 Plot Offset: 11.07 mV Plot Scale: 103.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/28/2006 22:44:13
Reprocess Number	: buf2048: 43439		
Operator	: tchrom	Sample Name	: AW60025548
Sample Number	: A6710105	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/28/2006 15:15:23	Cycle	: 2

Raw Data File : H:\TURBO6\5890-12\12A47038.raw <Modified>
Result File : H:\TURBO6\5890-12\12A47038.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A47038.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A47038.rst
Calib Method : h:\turbo6\5890-12\12a-4-pcb(06-11-06).mth from H:\TURBO6\5890-12\12A47038.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D47.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
1	1.89	BV	115652	TMX	0.0086	-------	0
	2.10		1786	AR1242	0.0011	2.7e-04	4
3	6.09	BB	46308	DCBP	0.0091	-------	0
			163746			2.7e-04	

7/4/06

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
2	2.10	VB	1786	AR1242-A	0.0069	0.0017	4
-	2.43		0	AR1242-B	0.0000	-------	-
-	2.56		0	AR1242-C	0.0000	-------	-
-	2.74		0	AR1242-D	0.0000	-------	-
			1786			0.0017	

06/28/2006 22:44:13 Result: H:\TURBO6\5890-12\12A47038.rst

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.98		0	AR1248-A	0.0000	-------	-
-	3.14		0	AR1248-B	0.0000	-------	-
-	3.23		0	AR1248-C	0.0000	-------	-
-	3.57		0	AR1248-D	0.0000	-------	-
			0			0.0000	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.81		0	AR1254-A	0.0000	-------	-
-	3.88		0	AR1254-B	0.0000	-------	-
-	4.06		0	AR1254-C	0.0000	-------	-
-	4.42		0	AR1254-D	0.0000	-------	-
			0			0.0000	

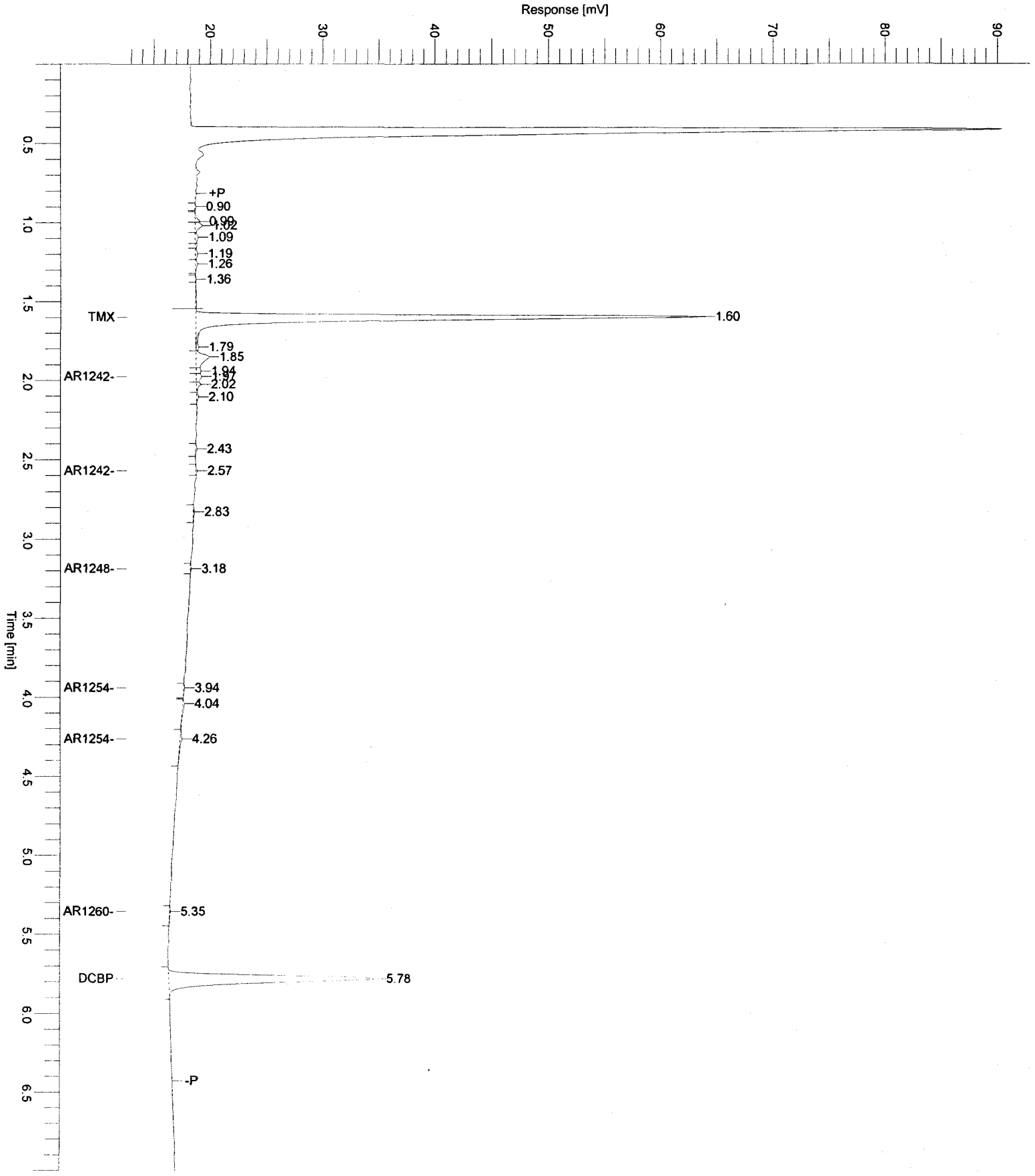
7/4/06 BD

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.22		0	AR1260-A	0.0000	-------	-
-	4.89		0	AR1260-B	0.0000	-------	-
-	5.11		0	AR1260-C	0.0000	-------	-
-	5.54		0	AR1260-D	0.0000	-------	-
			0			0.0000	

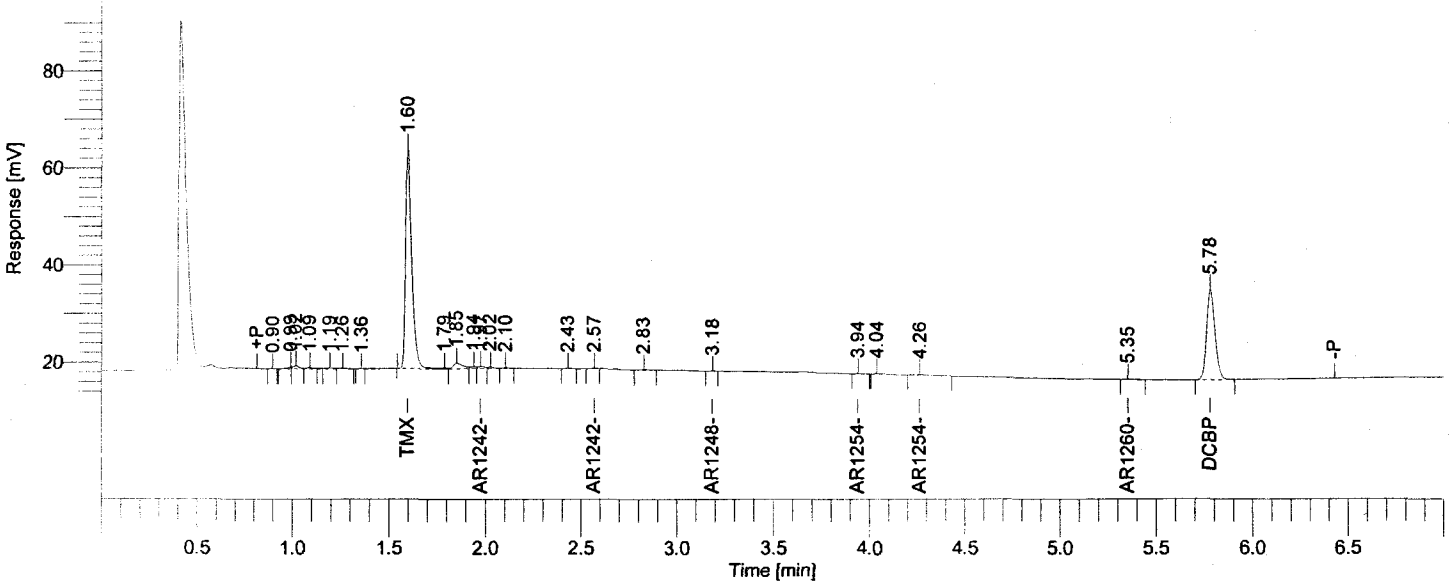
Chromatogram

Sample Name : AW60025548 Sample #: A6710105 Page 1 of 1
FileName : H:\TURBO6\5890-12\12B47038.raw
Date : 06/28/2006 22:44:19
Method : 12DINS Time of Injection: 06/28/2006 15:15:23
Start Time : 0.00 min End Time : 7.00 min Low Point : 12.58 mV High Point : 90.37 mV
Scale Factor: 1.0 Plot Offset: 12.58 mV Plot Scale: 77.8 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/28/2006 22:44:18
Reprocess Number	: buf2048: 43440		
Operator	: tchrom	Sample Name	: AW60025548
Sample Number	: A6710105	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/28/2006 15:15:23	Cycle	: 2

Raw Data File : H:\TURBO6\5890-12\12B47038.raw <Modified>
Result File : H:\TURBO6\5890-12\12B47038.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B47038.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B47038.rst
Calib Method : h:\turbo6\5890-12\12b-4-pcb(06-11-06).mth from H:\TURBO6\5890-12\12B47038.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D47.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
8	1.60	VE	99364	TMX	0.0157	-------	0
	1.97		1274	~~AR1242~~	~~0.0016~~	4.1e-04	4
23	5.78	BB	55919	DCBP	0.0147	-------	0
			156558			4.1e-04	

7/6/06

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
12	1.97	VV	1111	AR1242-A	0.0102	0.0025	4
-	2.25		0	AR1242-B	0.0000	-------	-
16	2.57	BB	163	AR1242-C	4.9e-04	1.2e-04	4
-	2.64		0	AR1242-D	0.0000	-------	-
			1274			0.0027	

06/28/2006 22:44:18 Result: H:\TURBO6\5890-12\12B47038.rst

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.98		0	AR1248-A	0.0000	-------	-
-	3.07		0	AR1248-B	0.0000	-------	-
18	3.18	BB	140	AR1248-C	4.6e-04	1.1e-04	4
-	3.24		0	AR1248-D	0.0000	-------	-
			140			1.1e-04	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.71		0	AR1254-A	0.0000	-------	-
-	3.83		0	AR1254-B	0.0000	-------	-
19	3.94	BB	214	AR1254-C	0.0013	3.2e-04	4
21	4.26	VB	772	AR1254-D	0.0024	6.1e-04	4
			987			9.2e-04	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.51		0	AR1260-A	0.0000	-------	-
-	4.64		0	AR1260-B	0.0000	-------	-
-	5.25		0	AR1260-C	0.0000	-------	-
22	5.35	BB	264	AR1260-D	-0.0367	-9e-03	4
			264			-9e-03	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.: NM-MW-DEC-GW

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix: (soil/water) WATER Lab Sample ID: A6691507

Sample wt/vol: 1060.00 (g/mL) ML Lab File ID: 12B46128.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 06/16/2006 06/16/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 06/19/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/20/2006

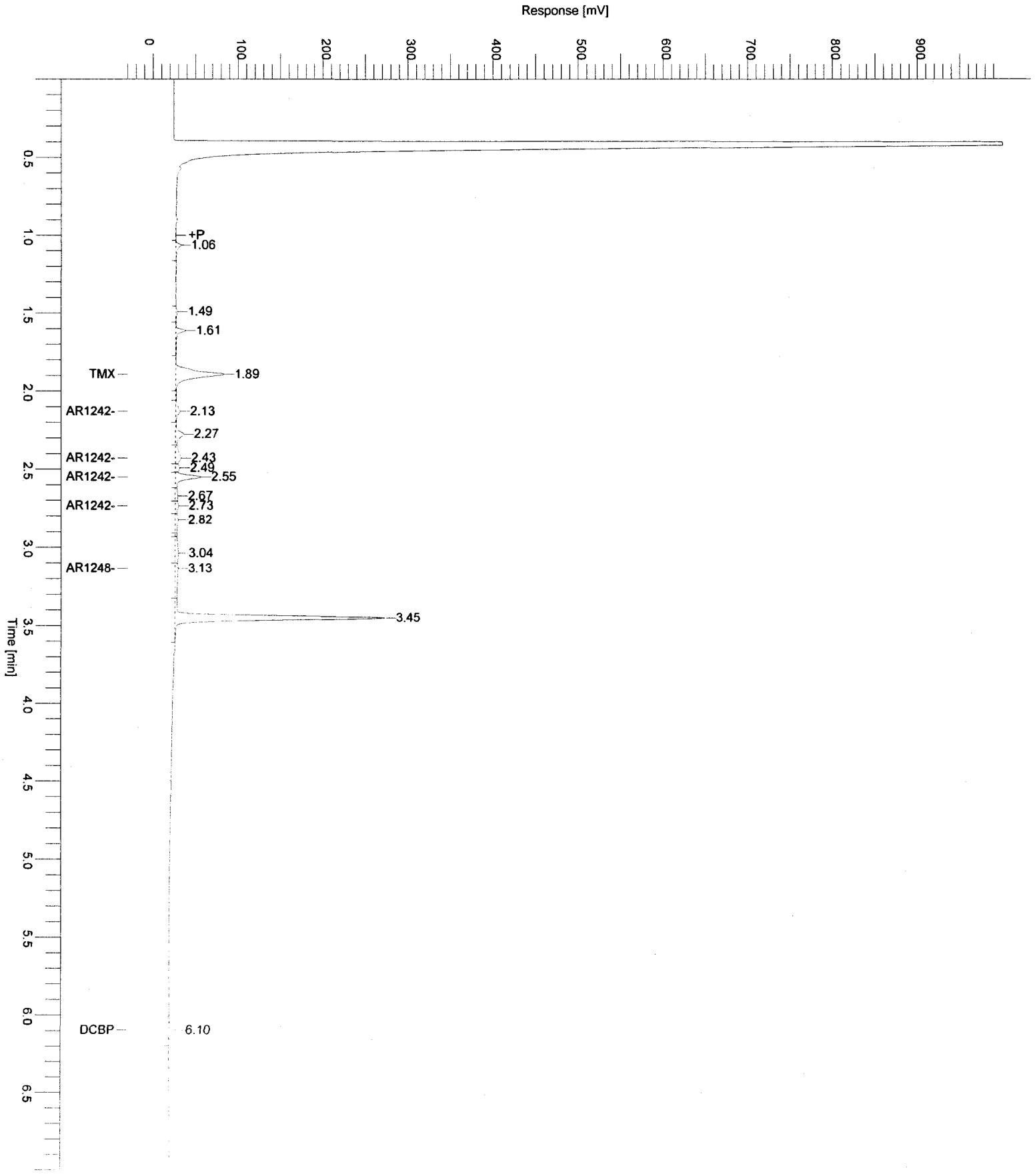
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.47	U
11104-28-2	Aroclor 1221	0.47	U
11141-16-5	Aroclor 1232	0.47	U
53469-21-9	Aroclor 1242	0.47	U
12672-29-6	Aroclor 1248	0.47	U
11097-69-1	Aroclor 1254	0.47	U
11096-82-5	Aroclor 1260	0.47	U

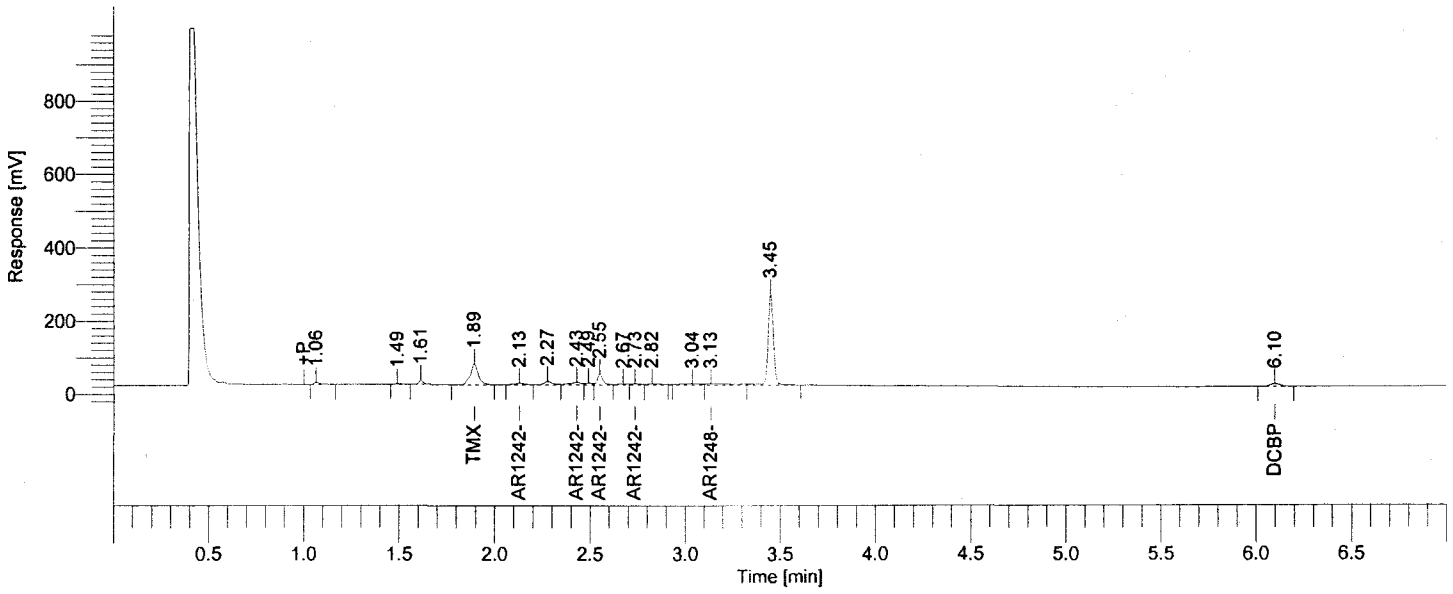
Chromatogram

Sample Name : AW60024910 Sample #: A6691507 Page 1 of 1
FileName : H:\TURBO6\5890-12\12A46128.raw
Date : 06/21/2006 07:57:12
Method : 12DINS Time of Injection: 06/20/2006 23:02:29
Start Time : 0.00 min End Time : 7.00 min Low Point : -30.35 mV High Point : 1000.00 mV
Scale Factor: 1.0 Plot Offset: -30.35 mV Plot Scale: 1030.4 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/21/2006 07:57:11
Reprocess Number	: buf2042: 110388		
Operator	: tchrom	Sample Name	: AW60024910
Sample Number	: A6691507	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/20/2006 23:02:29	Cycle	: 5

Raw Data File : H:\TURBO6\5890-12\12A46128.raw <Modified>
Result File : H:\TURBO6\5890-12\12A46128.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A46128.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A46128.rst
Calib Method : h:\turbo6\5890-12\12a-4-pcb(06-11-06).mth from H:\TURBO6\5890-12\12A46128.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
4	1.89	VV	167755	TMX	0.0134	-------	0
	2.55		128449	AR1242	0.0782	0.0195	4
	3.13		37434	AR1248	0.0218	0.0054	4
16	6.10	BB	27149	DCBP	0.0041	-------	0
			360788			0.0250	

6/21/06

06/21/2006 07:57:11 Result: H:\TURBO6\5890-12\12A46128.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
5	2.13	VV	21151	AR1242-A	0.0822	0.0205	4
7	2.43	VV	30274	AR1242-B	0.0689	0.0172	4
9	2.55	VV	63012	AR1242-C	0.2427	0.0607	4
11	2.73	VV	14011	AR1242-D	0.0204	0.0051	4
			128449			0.1035	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.98		0	AR1248-A	0.0000	-------	-
14	3.13	VV	37434	AR1248-B	0.0792	0.0198	4
-	3.23		0	AR1248-C	0.0000	-------	-
-	3.57		0	AR1248-D	0.0000	-------	-
			37434			0.0198	

Group Report For : AR1254

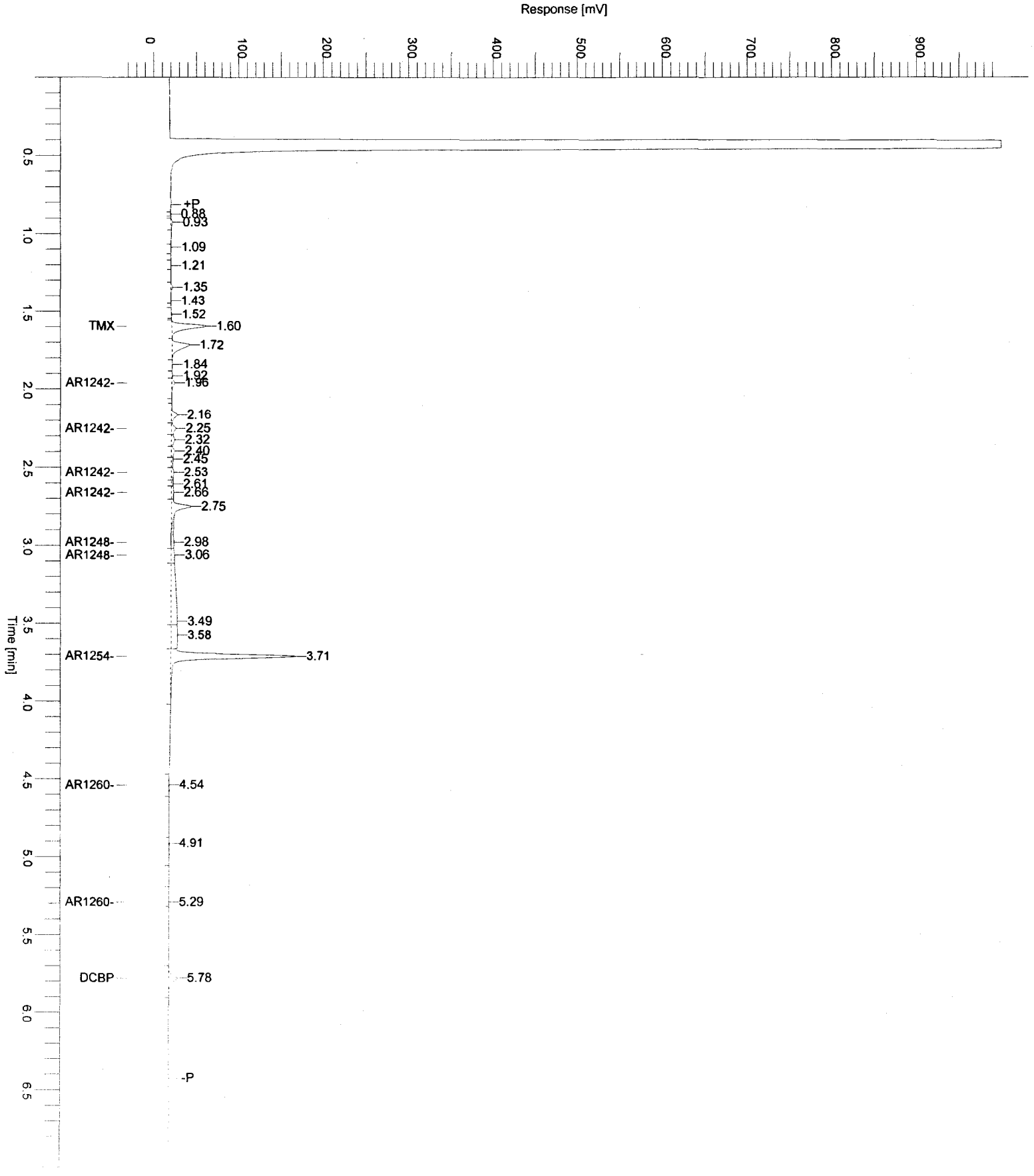
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.81		0	AR1254-A	0.0000	-------	-
-	3.88		0	AR1254-B	0.0000	-------	-
-	4.06		0	AR1254-C	0.0000	-------	-
-	4.42		0	AR1254-D	0.0000	-------	-
			0			0.0000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.22		0	AR1260-A	0.0000	-------	-
-	4.89		0	AR1260-B	0.0000	-------	-
-	5.11		0	AR1260-C	0.0000	-------	-
-	5.54		0	AR1260-D	0.0000	-------	-
			0			0.0000	

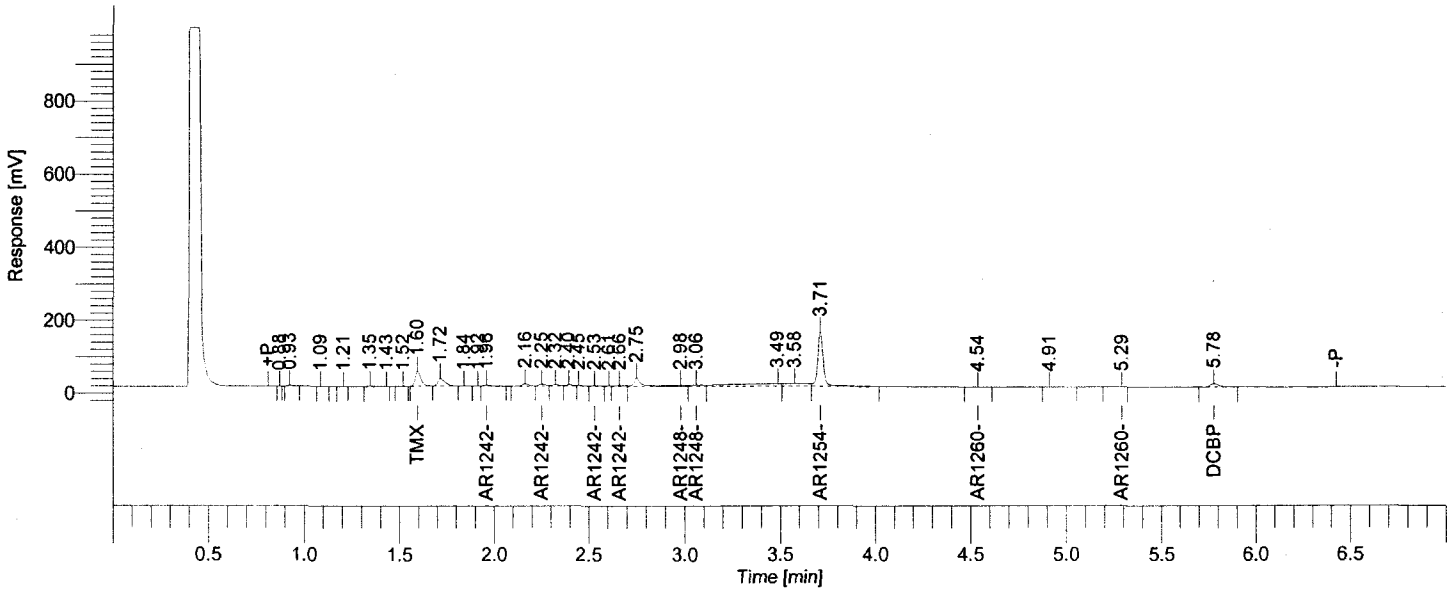
Chromatogram

Sample Name : AW60024910 Sample #: A6691507 Page 1 of 1
FileName : H:\TURBO6\5890-12\12B46128.raw
Date : 06/21/2006 07:57:18
Method : 12DINS Time of Injection: 06/20/2006 23:02:29
Start Time : 0.00 min End Time : 7.00 min Low Point : -31.94 mV High Point : 1000.00 mV
Scale Factor: 1.0 Plot Offset: -31.94 mV Plot Scale: 1031.9 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/21/2006 07:57:17
Reprocess Number	: buf2042: 110389		
Operator	: tchrom	Sample Name	: AW60024910
Sample Number	: A6691507	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/20/2006 23:02:29	Cycle	: 5

Raw Data File : H:\TURBO6\5890-12\12B46128.raw <Modified>
Result File : H:\TURBO6\5890-12\12B46128.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B46128.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B46128.rst
Calib Method : h:\turbo6\5890-12\12b-4-pcb(06-11-06).mth from H:\TURBO6\5890-12\12B46128.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
8	1.60	BB	82860	TMX	0.0130	-------	0
	2.25		42339	AR1242	0.0543	0.0136	4
	3.06		49802	AR1248	0.0470	0.0118	4
	3.71		302410	AR1254	0.2178	0.0544	4
	4.54		1068	AR1260	-0.0229	-6e-03	4
30	5.78	BB	28116	DCBP	0.0070	-------	0
			506594			0.0741	

6/23/06

06/21/2006 07:57:17 Result: H:\TURBO6\5890-12\12B46128.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
12	1.96	VB	7479	AR1242-A	0.0684	0.0171	4
14	2.25	VV	13189	AR1242-B	0.0646	0.0161	4
18	2.53	VV	10201	AR1242-C	0.0306	0.0077	4
20	2.66	VV	11471	AR1242-D	0.0860	0.0215	4
			42339			0.0624	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
22	2.98	EV	28570	AR1248-A	0.1152	0.0288	4
23	3.06	VV	21232	AR1248-B	0.0959	0.0240	4
-	3.20		0	AR1248-C	0.0000	-------	-
-	3.24		0	AR1248-D	0.0000	-------	-
			49802			0.0528	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
26	3.71	VB	302410	AR1254-A	0.7289	0.1822	4
-	3.83		0	AR1254-B	0.0000	-------	-
-	3.95		0	AR1254-C	0.0000	-------	-
-	4.23		0	AR1254-D	0.0000	-------	-
			302410			0.1822	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
27	4.54	BB	844	AR1260-A	-0.0173	-4e-03	4
-	4.64		0	AR1260-B	0.0000	-------	-
-	5.25		0	AR1260-C	0.0000	-------	-
29	5.29	BB	224	AR1260-D	-0.0371	-9e-03	4
			1068			-0.0136	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.: NM-MW-DOT-GW

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix: (soil/water) WATER Lab Sample ID: A6691508

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 12B46129.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 06/16/2006 06/16/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 06/19/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/20/2006

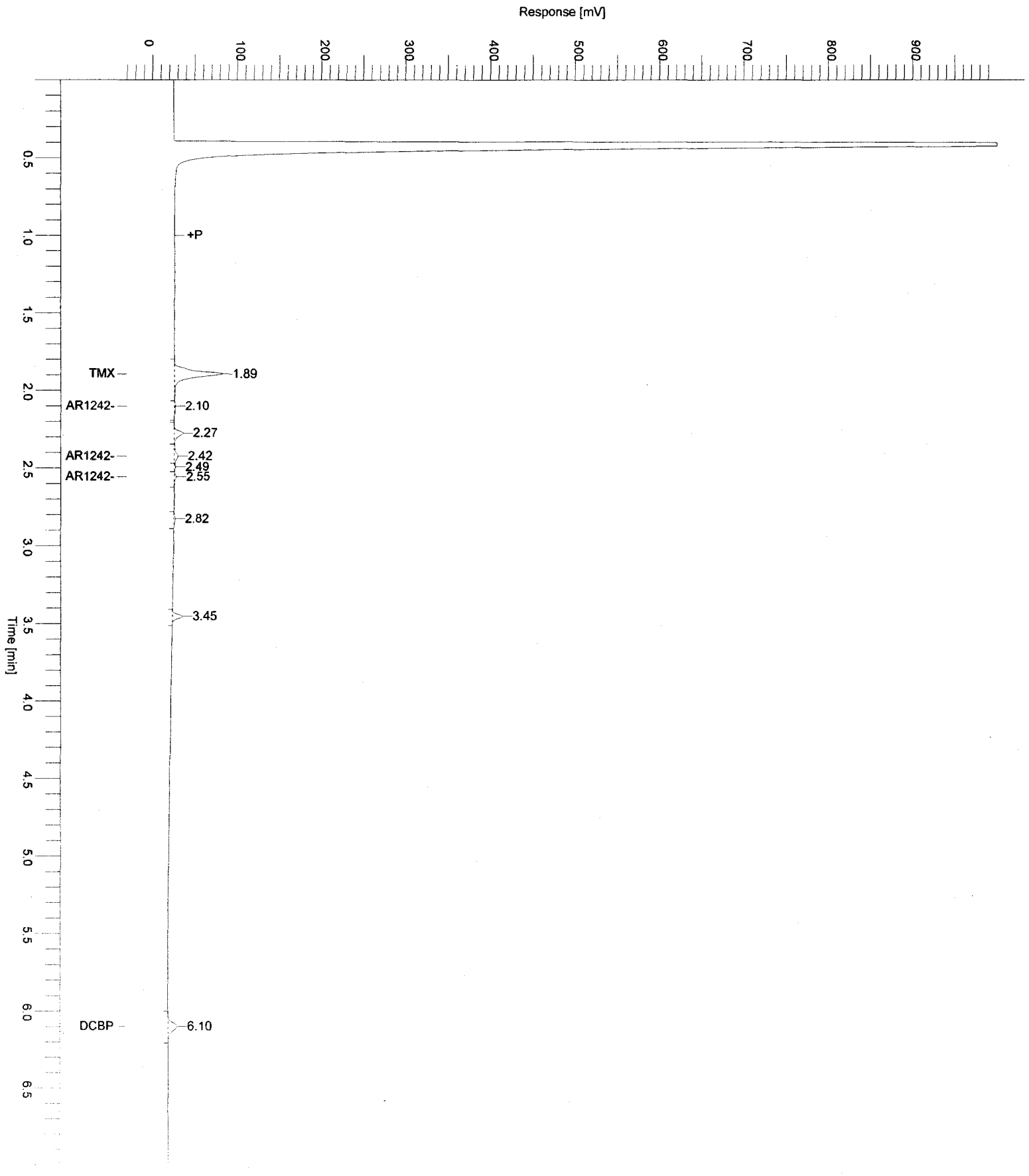
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

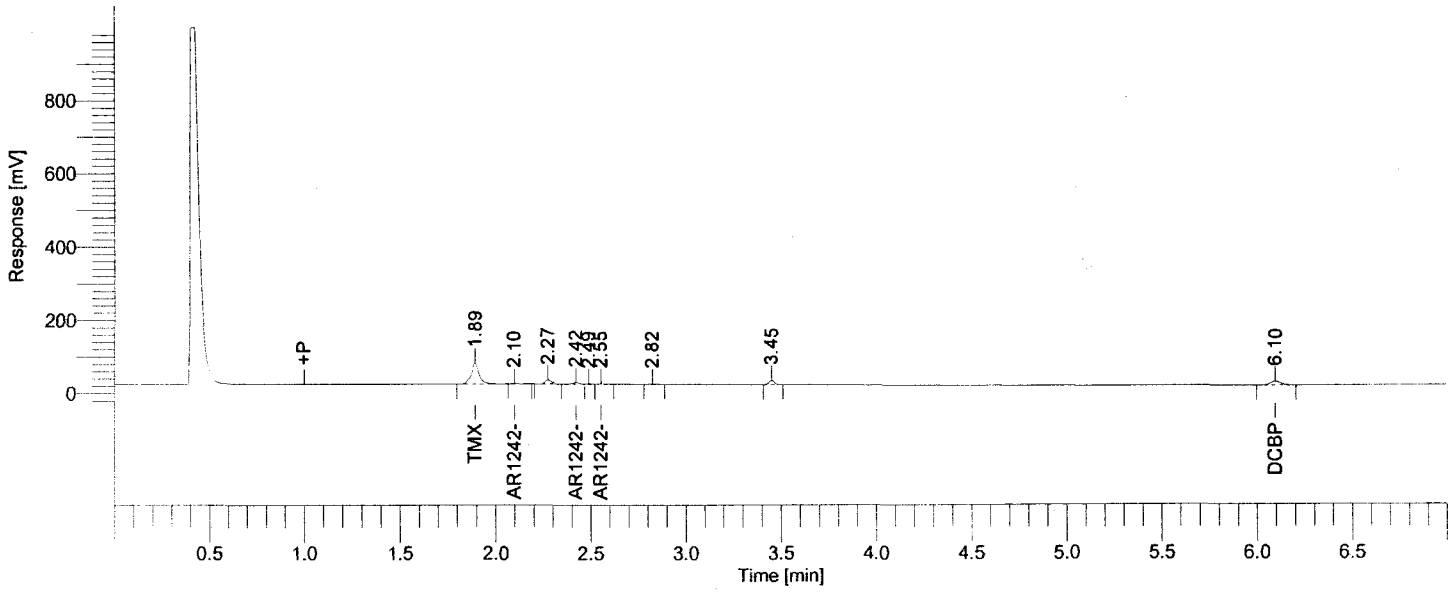
Chromatogram

Sample Name : AW60024911 Sample #: A6691508 Page 1 of 1
FileName : H:\TURBO6\5890-12\12A46129.raw
Date : 06/21/2006 07:57:24
Method : 12DINS Time of Injection: 06/20/2006 23:22:10
Start Time : 0.00 min End Time : 7.00 min Low Point : -30.95 mV High Point : 1000.00 mV
Scale Factor: 1.0 Plot Offset: -30.95 mV Plot Scale: 1031.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/21/2006 07:57:22
Reprocess Number	: buf2042: 110390		
Operator	: tchrom	Sample Name	: AW60024911
Sample Number	: A6691508	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/20/2006 23:22:10	Cycle	: 6

Raw Data File : H:\TURBO6\5890-12\12A46129.raw <Modified>
Result File : H:\TURBO6\5890-12\12A46129.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A46129.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A46129.rst
Calib Method : h:\turbo6\5890-12\12a-4-pcb(06-11-06).mth from H:\TURBO6\5890-12\12A46129.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
1	1.89	BV	161288	TMX	0.0128	-------	0
	2.42		24398	AR1242	0.0148	0.0037	4
9	6.10	BB	39485	DCBP	0.0074	-------	0
			225171			0.0037	

6/21/06

06/21/2006 07:57:22 Result: H:\TURBO6\5890-12\12A46129.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
2	2.10	VB	3614	AR1242-A	0.0140	0.0035	4
4	2.42	VV	15393	AR1242-B	0.0350	0.0088	4
6	2.55	VB	5392	AR1242-C	0.0208	0.0052	4
-	2.74		0	AR1242-D	0.0000	-------	-
			24398			0.0175	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.98		0	AR1248-A	0.0000	-------	-
-	3.14		0	AR1248-B	0.0000	-------	-
-	3.23		0	AR1248-C	0.0000	-------	-
-	3.57		0	AR1248-D	0.0000	-------	-
			0			0.0000	

Group Report For : AR1254

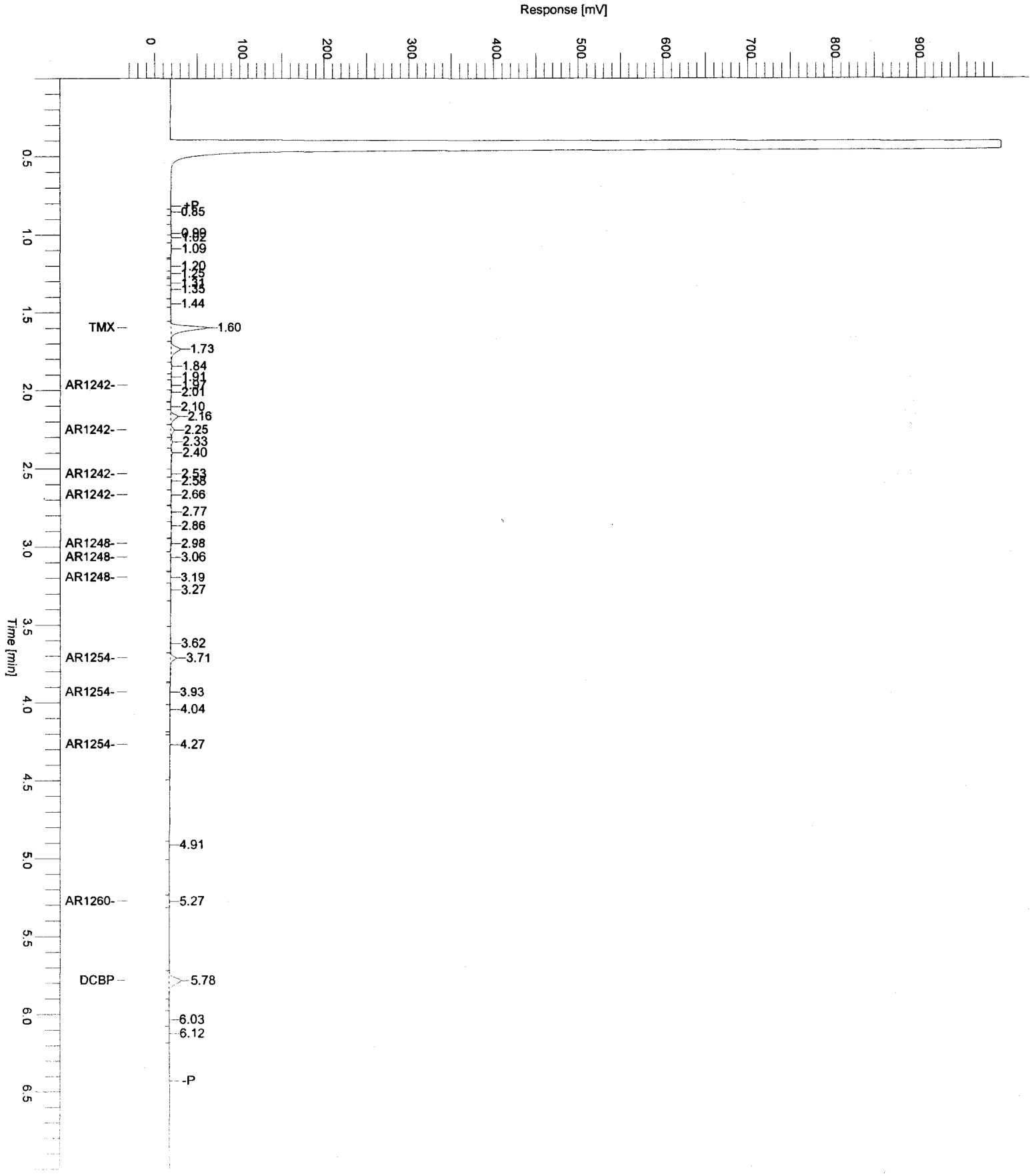
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.81		0	AR1254-A	0.0000	-------	-
-	3.88		0	AR1254-B	0.0000	-------	-
-	4.06		0	AR1254-C	0.0000	-------	-
-	4.42		0	AR1254-D	0.0000	-------	-
			0			0.0000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.22		0	AR1260-A	0.0000	-------	-
-	4.89		0	AR1260-B	0.0000	-------	-
-	5.11		0	AR1260-C	0.0000	-------	-
-	5.54		0	AR1260-D	0.0000	-------	-
			0			0.0000	

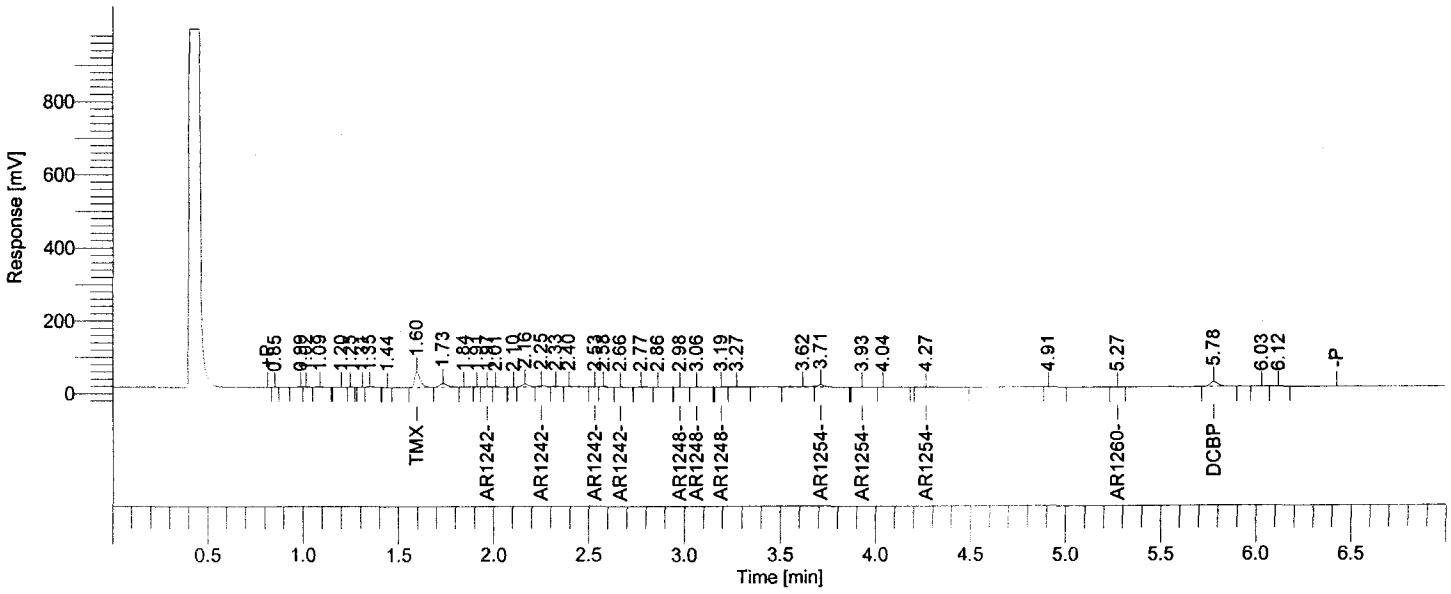
Chromatogram

Sample Name : AW60024911 Sample #: A6691508 Page 1 of 1
FileName : H:\TURBO6\5890-12\12B46129.raw
Date : 06/21/2006 07:57:29
Method : 12DINS Time of Injection: 06/20/2006 23:22:10
Start Time : 0.00 min End Time : 7.00 min Low Point : -32.96 mV High Point : 1000.00 mV
Scale Factor: 1.0 Plot Offset: -32.96 mV Plot Scale: 1033.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/21/2006 07:57:28
Reprocess Number	: buf2042: 110391		
Operator	: tchrom	Sample Name	: AW60024911
Sample Number	: A6691508	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/20/2006 23:22:10	Cycle	: 6

Raw Data File : H:\TURBO6\5890-12\12B46129.raw <Modified>
Result File : H:\TURBO6\5890-12\12B46129.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B46129.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B46129.rst
Calib Method : h:\turbo6\5890-12\12b-4-pcb(06-11-06).mth from H:\TURBO6\5890-12\12B46129.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
10	1.60	BB	87546	TMX	0.0137	-------	0
	2.25		12449	AR1242	0.0160	0.0040	4
	2.98		2680	AR1248	0.0025	6.3e-04	4
	3.71		16698	AR1254	0.0120	0.0030	4
37	5.78	BB	40135	DCBP	0.0102	-------	0
			159507			0.0076	

6/23/06

06/21/2006 07:57:28 Result: H:\TURBO6\5890-12\12B46129.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
14	1.97	VV	814	AR1242-A	0.0074	0.0019	4
18	2.25	VV	9978	AR1242-B	0.0489	0.0122	4
21	2.53	BV	408	AR1242-C	0.0012	3.1e-04	4
23	2.66	BB	1249	AR1242-D	0.0094	0.0023	4
			12449			0.0167	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
26	2.98	BV	1087	AR1248-A	0.0044	0.0011	4
27	3.06	VB	1201	AR1248-B	0.0054	0.0014	4
28	3.19	BV	392	AR1248-C	0.0013	3.2e-04	4
-	3.24		0	AR1248-D	0.0000	-------	-
			2680			0.0028	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
31	3.71	VB	13910	AR1254-A	0.0335	0.0084	4
-	3.83		0	AR1254-B	0.0000	-------	-
32	3.93	BV	986	AR1254-C	0.0058	0.0015	4
34	4.27	BB	1801	AR1254-D	0.0056	0.0014	4
			16698			0.0113	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.51		0	AR1260-A	0.0000	-------	-
-	4.64		0	AR1260-B	0.0000	-------	-
36	5.27	BB	164	AR1260-C	-0.0296	-7e-03	4
-	5.30		0	AR1260-D	0.0000	-------	-
			164			-7e-03	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-MPI-01-GW

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix: (soil/water) WATER Lab Sample ID: A6691501

Sample wt/vol: 1060.00 (g/mL) ML Lab File ID: 12B46120.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 06/15/2006 06/16/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 06/19/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/20/2006

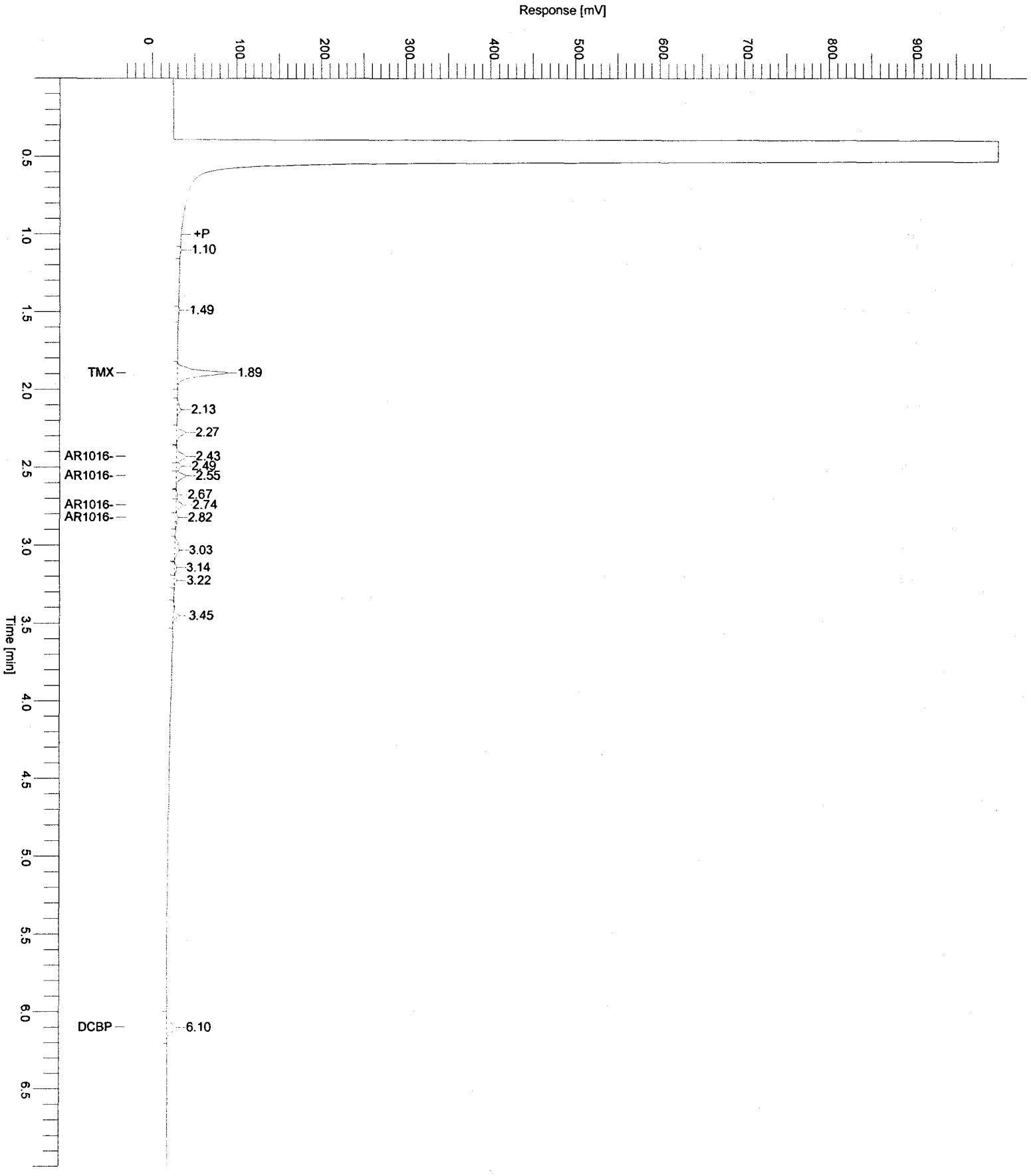
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.36	J
11104-28-2	Aroclor 1221	0.47	U
11141-16-5	Aroclor 1232	0.47	U
53469-21-9	Aroclor 1242	0.47	U
12672-29-6	Aroclor 1248	0.47	U
11097-69-1	Aroclor 1254	0.47	U
11096-82-5	Aroclor 1260	0.47	U

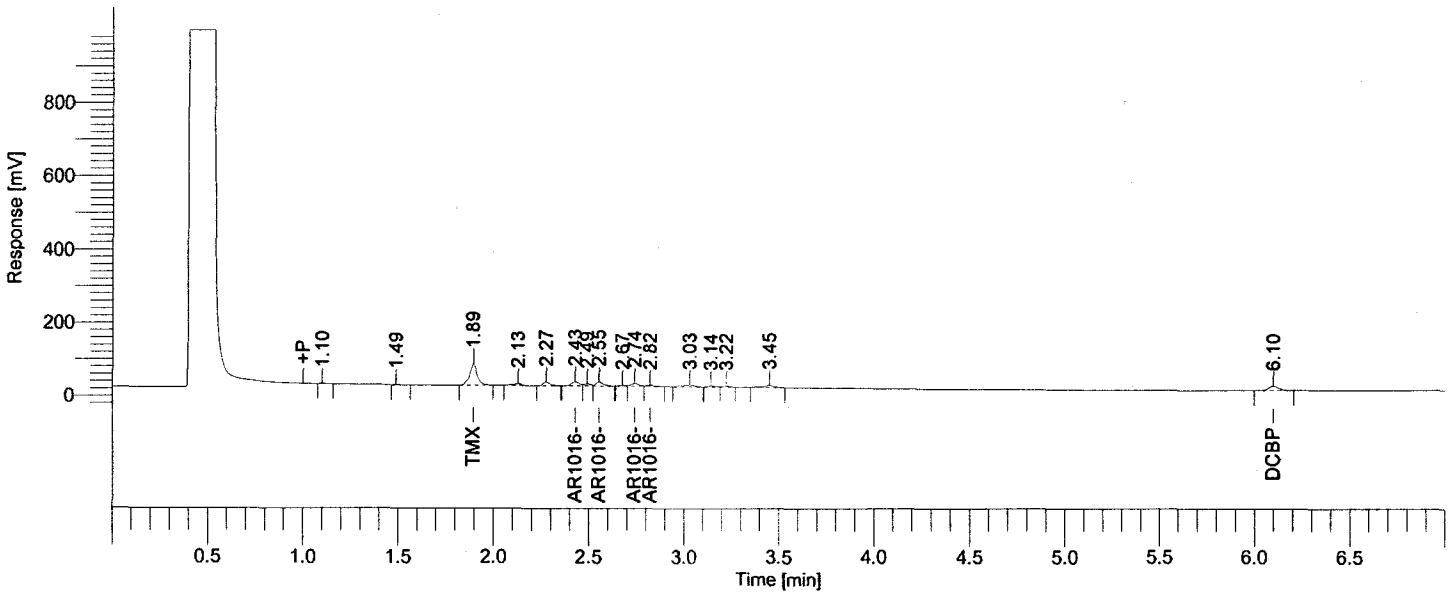
Chromatogram

Sample Name : AW60024884 Sample #: A6691501 Page 1 of 1
FileName : H:\TURBO6\5890-12\12A46120.raw
Date : 06/22/2006 14:20:00
Method : 12DINS Time of Injection: 06/20/2006 20:24:49
Start Time : 0.00 min End Time : 7.00 min Low Point : -31.29 mV High Point : 1000.00 mV
Scale Factor: 1.0 Plot Offset: -31.29 mV Plot Scale: 1031.3 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/22/2006 14:19:58
Reprocess Number	: buf2042: 110615		
Operator	: tchrom	Sample Name	: AW60024884
Sample Number	: A6691501	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/20/2006 20:24:49	Cycle	: 1

Raw Data File : H:\TURBO6\5890-12\12A46120.raw <Modified>
Result File : H:\TURBO6\5890-12\12A46120.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A46120.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A46120.rst
Calib Method : h:\turbo6\5890-12\12a-66(06-11-06).mth from H:\TURBO6\5890-12\12A46120.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
3	1.89	BB	156912	TMX	0.0124	-------	0
	2.55		87557	AR1016	-8e-03	-2e-03	4
16	6.10	BB	41894	DCBP	0.0080	-------	0
			286364			-2e-03	

6/23/06

06/22/2006 14:19:58 Result: H:\TURBO6\5890-12\12A46120.rst

Group Report For : AR1016

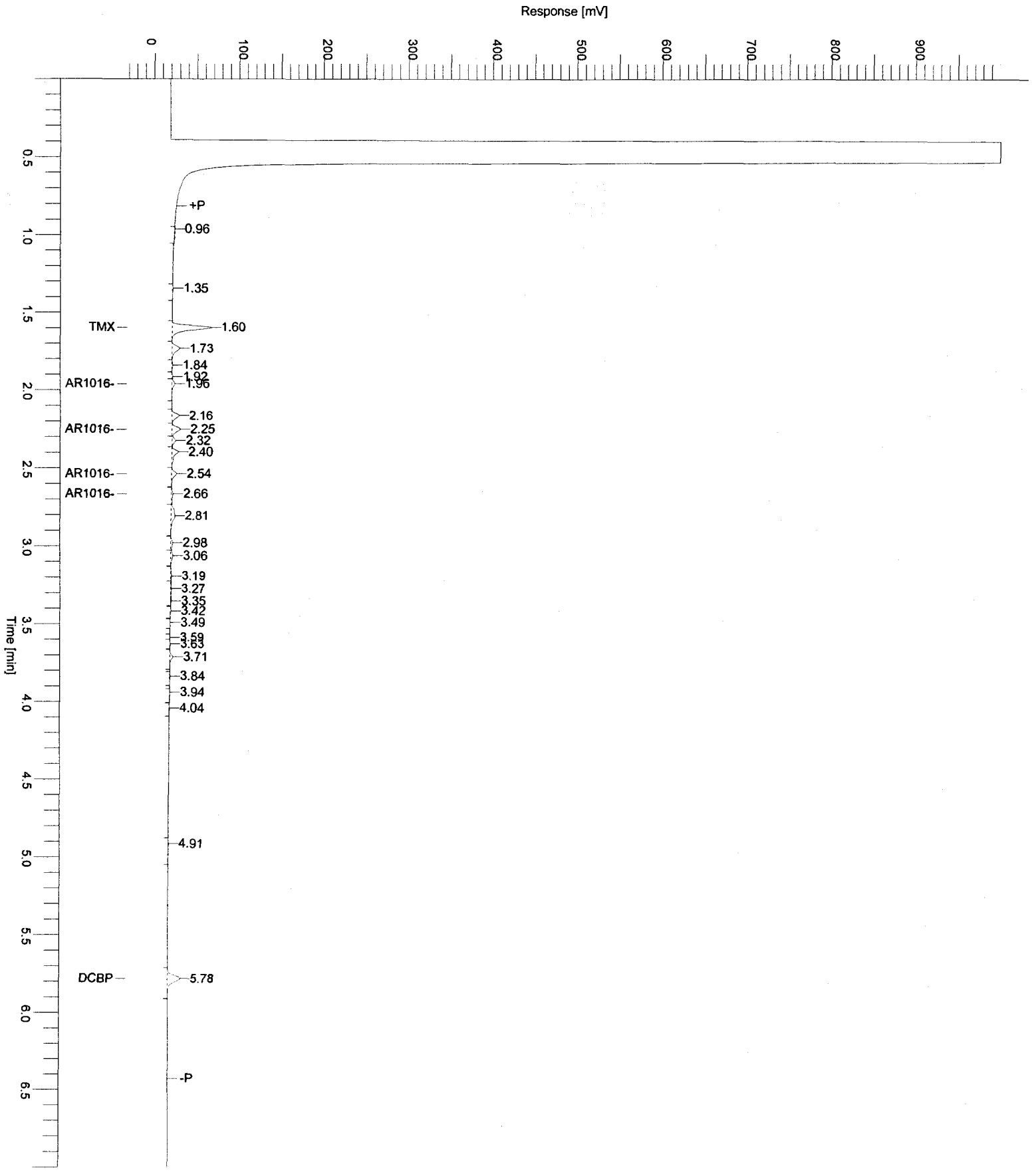
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
6	2.43	BV	32755	AR1016-A	-4e-03	-1e-03	4
8	2.55	VB	28364	AR1016-B	0.0403	0.0101	4
10	2.74	VV	18989	AR1016-C	-0.0136	-3e-03	4
11	2.82	VB	7450	AR1016-D	-0.0425	-0.0106	4
			87557			-5e-03	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.22		0	AR1260-A	0.0000	-------	-
-	4.89		0	AR1260-B	0.0000	-------	-
-	5.11		0	AR1260-C	0.0000	-------	-
-	5.54		0	AR1260-D	0.0000	-------	-
			0			0.0000	

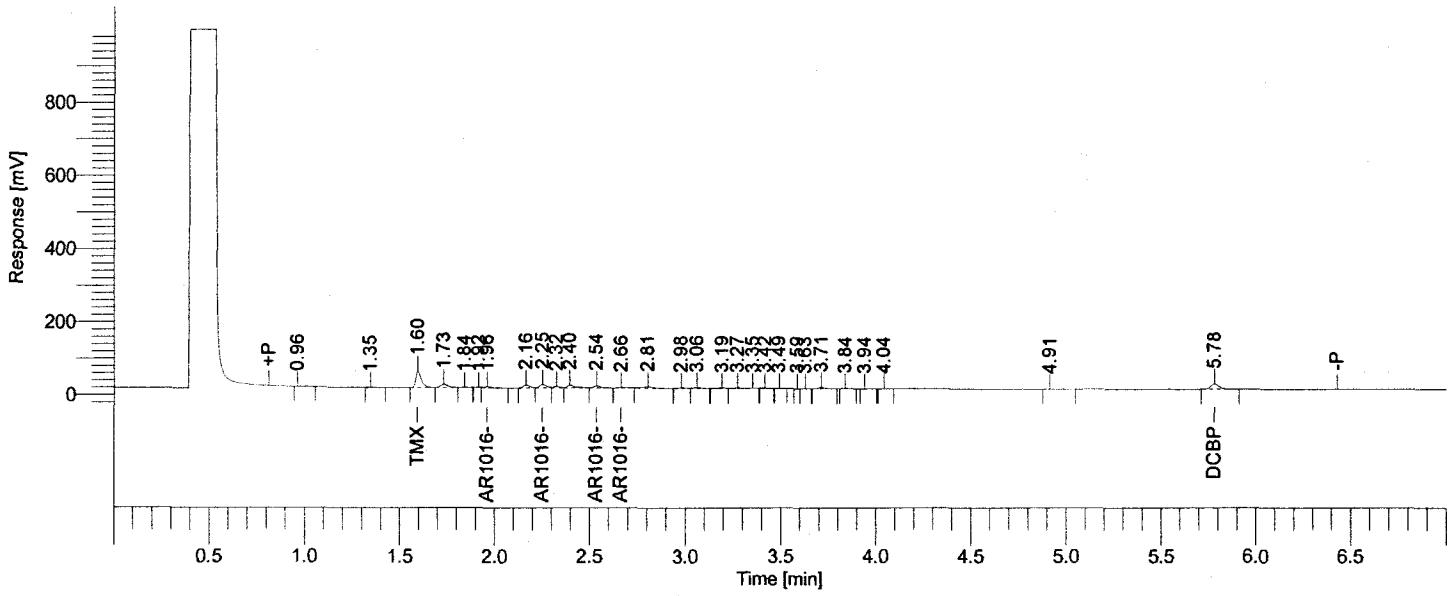
Chromatogram

Sample Name : AW60024884 Sample #: A6691501 Page 1 of 1
FileName : H:\TURBO6\5890-12\12B46120.raw
Date : 06/22/2006 14:20:02
Method : 12DINS Time of Injection: 06/20/2006 20:24:49
Start Time : 0.00 min End Time : 7.00 min Low Point : -32.83 mV High Point : 1000.00 mV
Scale Factor: 1.0 Plot Offset: -32.83 mV Plot Scale: 1032.8 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/22/2006 14:20:01
Reprocess Number	: buf2042: 110616		
Operator	: tchrom	Sample Name	: AW60024884
Sample Number	: A6691501	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/20/2006 20:24:49	Cycle	: 1

Raw Data File : H:\TURBO6\5890-12\12B46120.raw <Modified>
Result File : H:\TURBO6\5890-12\12B46120.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B46120.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B46120.rst
Calib Method : h:\turbo6\5890-12\12b-66(06-11-06).mth from H:\TURBO6\5890-12\12B46120.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
3	1.60	BB	93932	TMX	0.0148	-------	0
	2.25		51295	AR1016	0.0323	0.0081	4
29	5.78	BB	44252	DCBP	0.0114	-------	0
			189479			0.0081	

6/23/06

06/22/2006 14:20:01 Result: H:\TURBO6\5890-12\12B46120.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
7	1.96	VB	9045	AR1016-A	0.0537	0.0134	4
9	2.25	BV	21717	AR1016-B	0.0619	0.0155	4
12	2.54	BB	13848	AR1016-C	0.0130	0.0033	4
13	2.66	BV	6685	AR1016-D	0.0235	0.0059	4
			51295			0.0380	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.51		0	AR1260-A	0.0000	-------	-
-	4.64		0	AR1260-B	0.0000	-------	-
-	5.25		0	AR1260-C	0.0000	-------	-
-	5.30		0	AR1260-D	0.0000	-------	-
			0			0.0000	

BN 6/23/06

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-MPI-02-GW

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix: (soil/water) WATER Lab Sample ID: A6691502

Sample wt/vol: 1060.00 (g/mL) ML Lab File ID: 12B46121.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 06/15/2006 06/16/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 06/19/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/20/2006

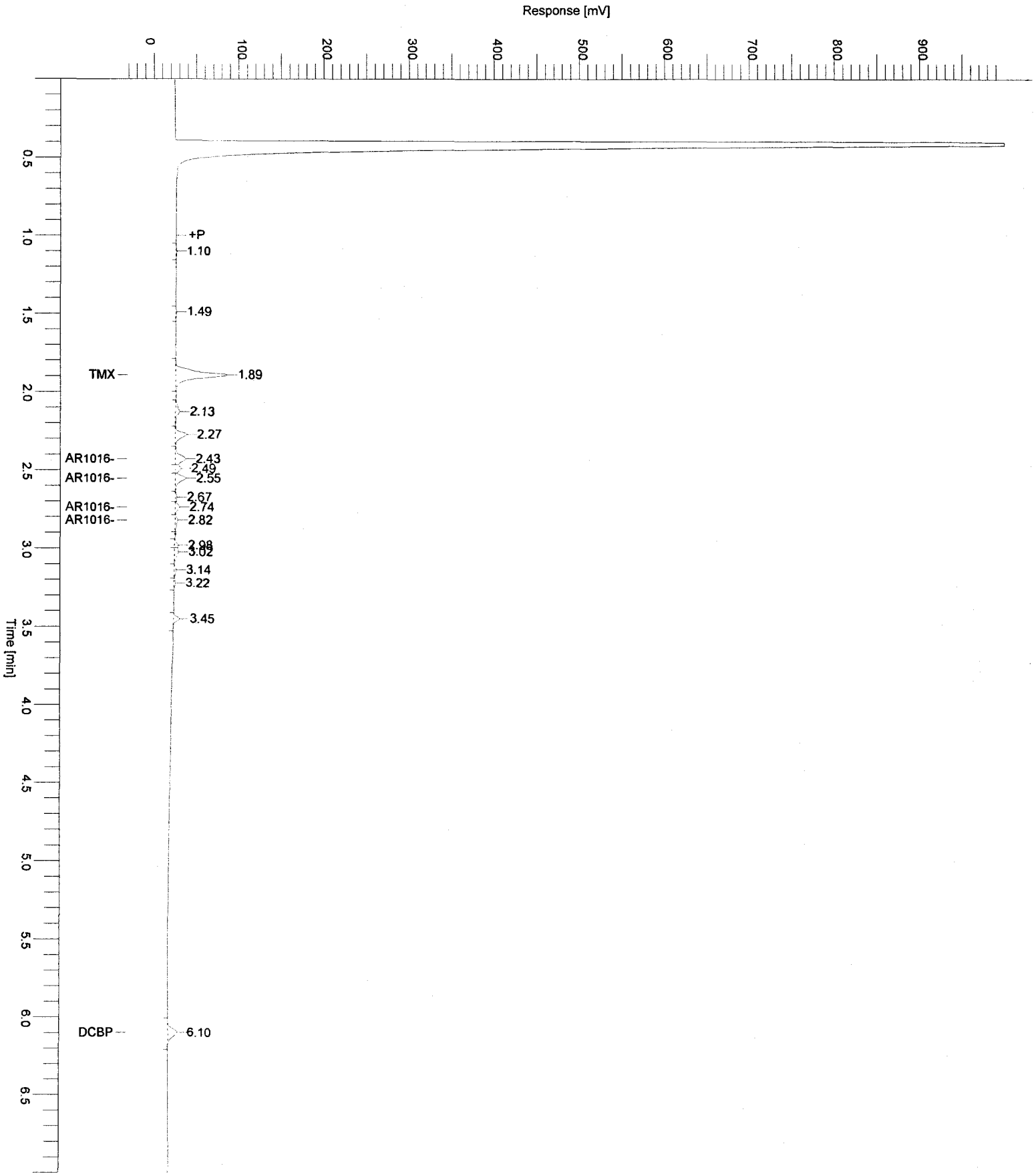
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.32	J
11104-28-2	Aroclor 1221	0.47	U
11141-16-5	Aroclor 1232	0.47	U
53469-21-9	Aroclor 1242	0.47	U
12672-29-6	Aroclor 1248	0.47	U
11097-69-1	Aroclor 1254	0.47	U
11096-82-5	Aroclor 1260	0.47	U

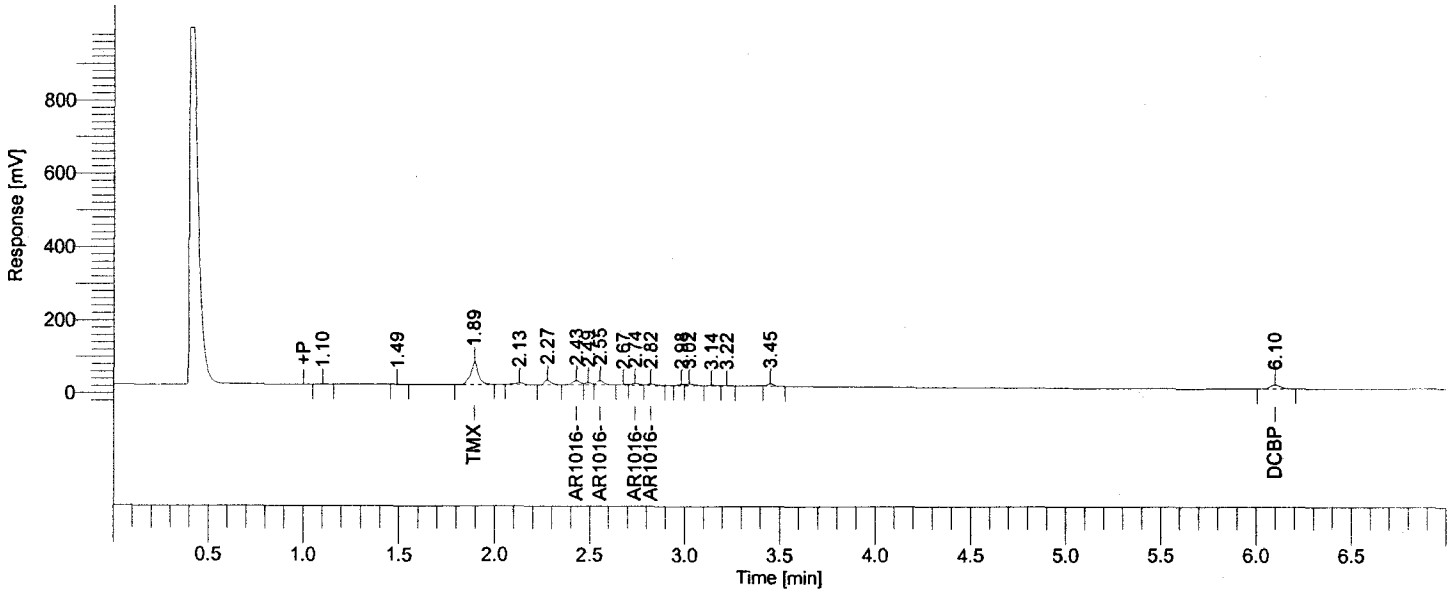
Chromatogram

Sample Name : AW60024885 Sample #: A6691502 Page 1 of 1
FileName : H:\TURBO6\5890-12\12A46121.raw
Date : 06/22/2006 14:20:05
Method : 12DINS Time of Injection: 06/20/2006 20:44:34
Start Time : 0.00 min End Time : 7.00 min Low Point : -31.55 mV High Point : 1000.00 mV
Scale Factor: 1.0 Plot Offset: -31.55 mV Plot Scale: 1031.5 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/22/2006 14:20:04
Reprocess Number	: buf2042: 110617		
Operator	: tchrom	Sample Name	: AW60024885
Sample Number	: A6691502	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/20/2006 20:44:34	Cycle	: 2

Raw Data File : H:\TURBO6\5890-12\12A46121.raw <Modified>
Result File : H:\TURBO6\5890-12\12A46121.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A46121.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A46121.rst
Calib Method : h:\turbo6\5890-12\12a-66(06-11-06).mth from H:\TURBO6\5890-12\12A46121.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
3	1.89	BV	174233	TMX	0.0140	-------	0
	2.55		92100	AR1016	-5e-03	-1e-03	4
17	6.10	BB	39397	DCBP	0.0073	-------	0
			305730			-1e-03	

AW 6/23/06

06/22/2006 14:20:04 Result: H:\TURBO6\5890-12\12A46121.rst

Group Report For : AR1016

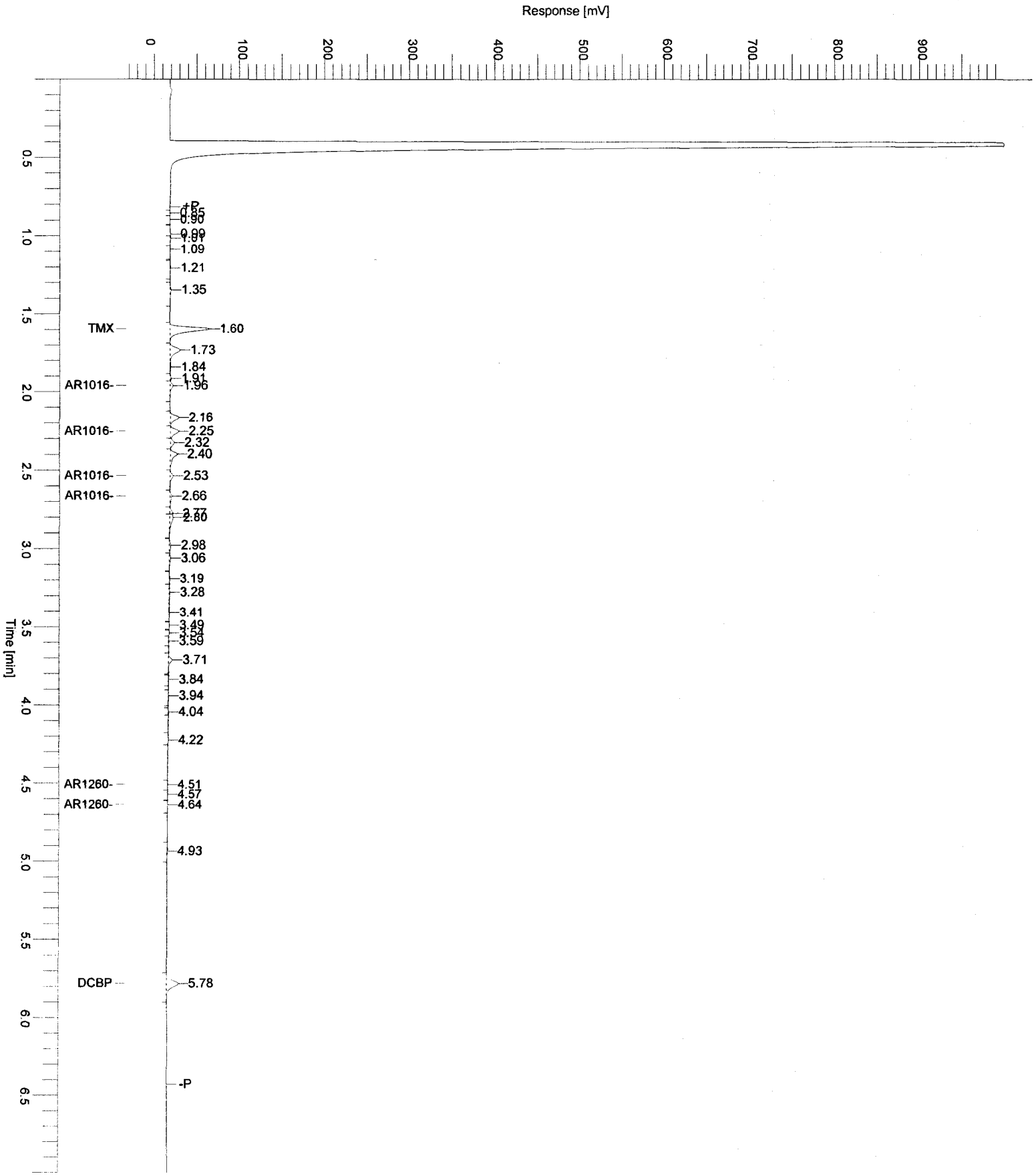
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
6	2.43	VV	36363	AR1016-A	0.0049	0.0012	4
8	2.55	VB	31731	AR1016-B	0.0539	0.0135	4
10	2.74	VV	12840	AR1016-C	-0.0221	-6e-03	4
11	2.82	VV	11166	AR1016-D	-0.0290	-7e-03	4
			92100			0.0019	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.22		0	AR1260-A	0.0000	-------	-
-	4.89		0	AR1260-B	0.0000	-------	-
-	5.11		0	AR1260-C	0.0000	-------	-
-	5.54		0	AR1260-D	0.0000	-------	-
			0			0.0000	

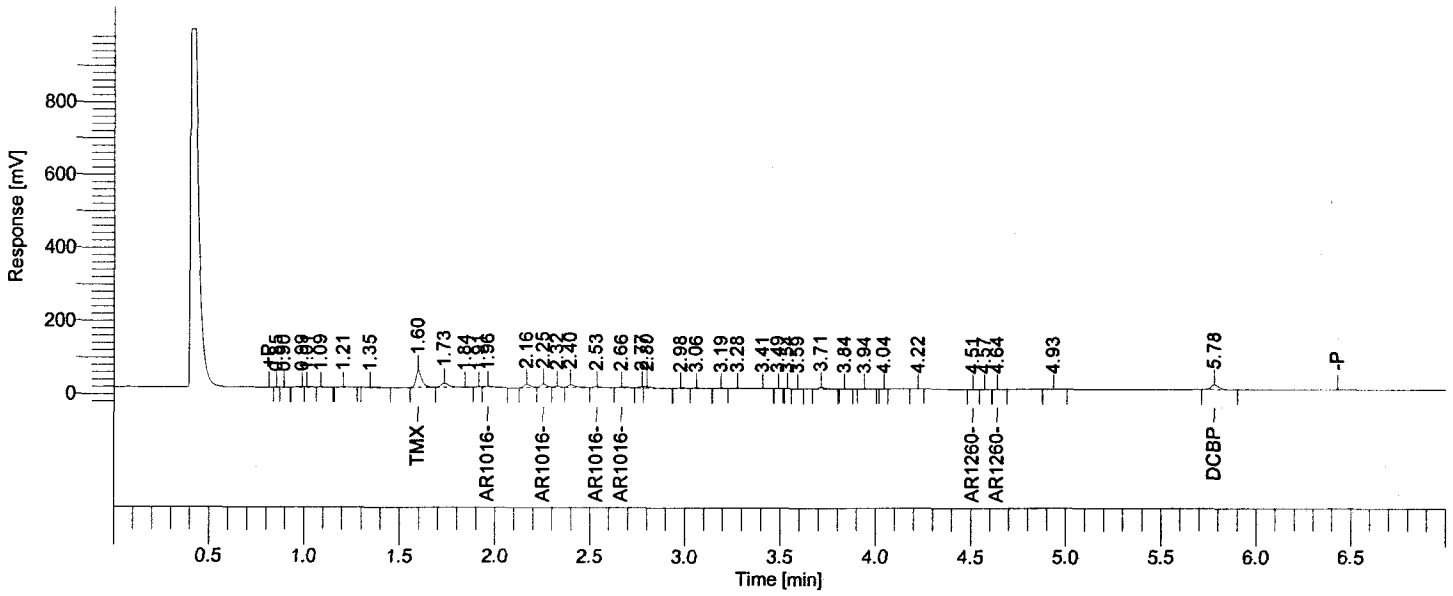
Chromatogram

Sample Name : AW60024885 Sample #: A6691502 Page 1 of 1
FileName : H:\TURBO6\5890-12\12B46121.raw
Date : 06/23/2006 13:51:00
Method : 12DINS Time of Injection: 06/20/2006 20:44:34
Start Time : 0.00 min End Time : 7.00 min Low Point : -33.03 mV High Point : 1000.00 mV
Scale Factor: 1.0 Plot Offset: -33.03 mV Plot Scale: 1033.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/23/2006 13:50:58
Reprocess Number	: buf2046: 39813		
Operator	: tchrom	Sample Name	: AW60024885
Sample Number	: A6691502	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/20/2006 20:44:34	Cycle	: 1

Raw Data File : H:\TURBO6\5890-12\12B46121.raw <Modified>
Result File : H:\TURBO6\5890-12\12B46121.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B46121.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B46121.rst
Calib Method : h:\turbo6\5890-12\12b-66(06-11-06).mth from H:\TURBO6\5890-12\12B46121.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
8	1.60	BB	96674	TMX	0.0153	------	0
	2.25		45611	AR1016	0.0263	0.0066	4
38	5.78	BB	41336	DCBP	0.0106	------	0
			183620			0.0066	

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
12	1.96	VB	8597	AR1016-A	0.0499	0.0125	4
14	2.25	BV	21970	AR1016-B	0.0629	0.0157	4
17	2.53	BB	8556	AR1016-C	2.6e-04	6.6e-05	4
18	2.66	BV	6487	AR1016-D	0.0224	0.0056	4
			45611			0.0339	

6/23/06

06/23/2006 13:50:58 Result: H:\TURBO6\5890-12\12B46121.rst

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
34	4.51	BV	185	AR1260-A	-0.0213	-5e-03	4
36	4.64	BB	461	AR1260-B	-0.0194	-5e-03	4
-	5.25		0	AR1260-C	0.0000	------	-
-	5.30		0	AR1260-D	0.0000	------	-
			647			-0.0102	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-MPI-03-GW

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix: (soil/water) WATER Lab Sample ID: A6691503

Sample wt/vol: 1060.00 (g/mL) ML Lab File ID: 12B46124.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 06/15/2006 06/16/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 06/19/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/20/2006

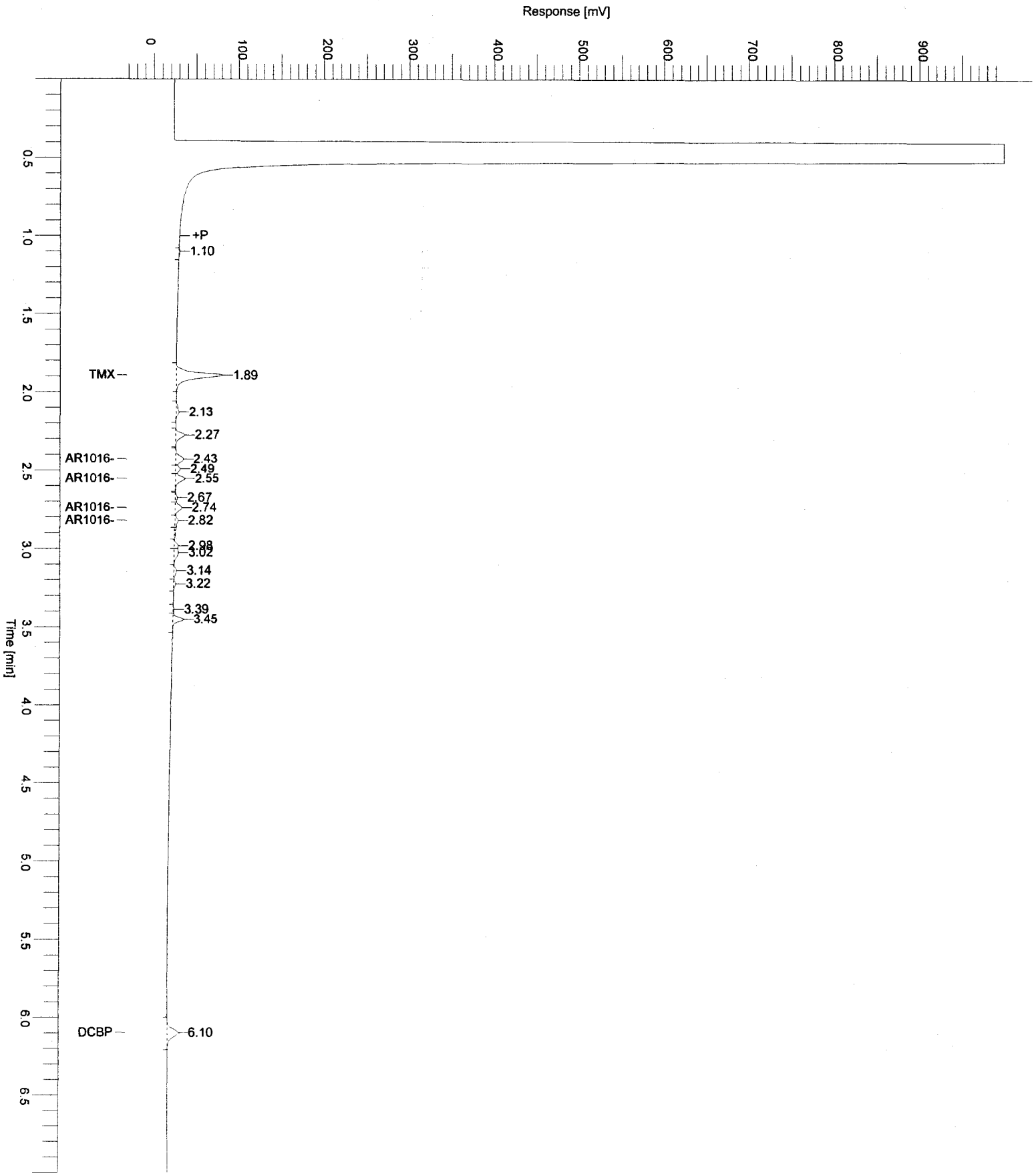
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.26	J
11104-28-2	Aroclor 1221	0.47	U
11141-16-5	Aroclor 1232	0.47	U
53469-21-9	Aroclor 1242	0.47	U
12672-29-6	Aroclor 1248	0.47	U
11097-69-1	Aroclor 1254	0.47	U
11096-82-5	Aroclor 1260	0.47	U

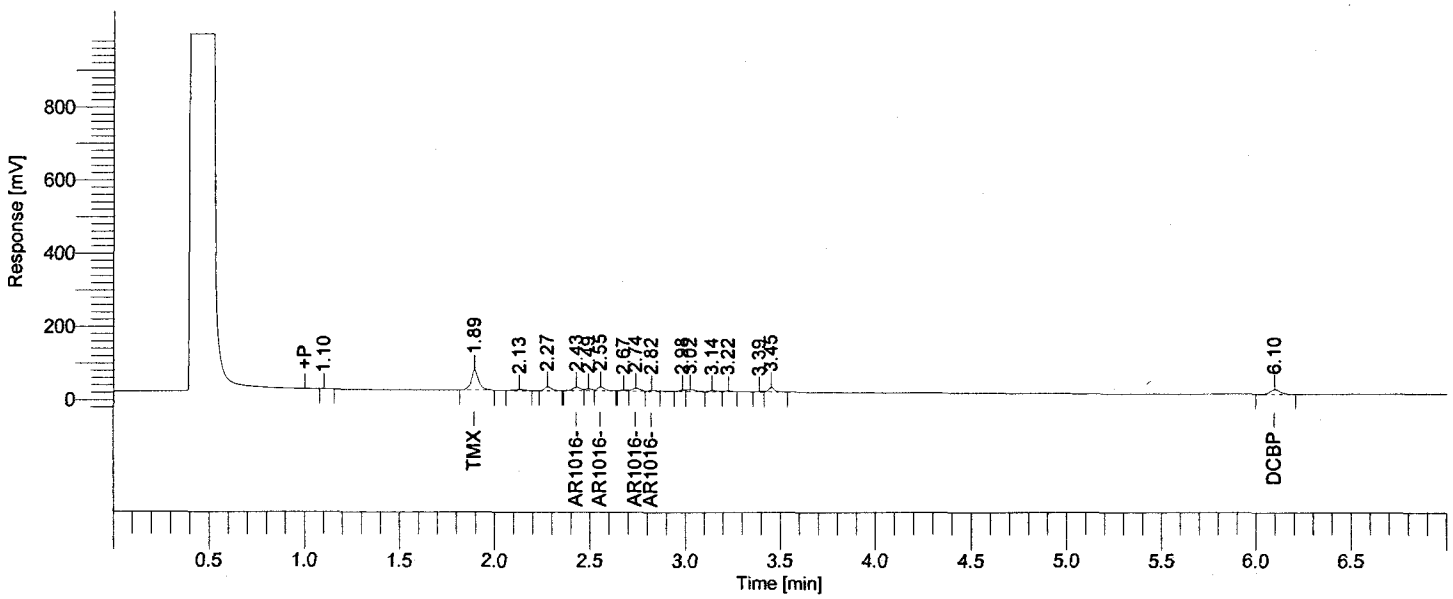
Chromatogram

Sample Name : AW60024886 Sample #: A6691503 Page 1 of 1
FileName : H:\TURBO6\5890-12\12A46124.raw
Date : 06/22/2006 14:22:14
Method : 12DINS Time of Injection: 06/20/2006 21:43:39
Start Time : 0.00 min End Time : 7.00 min Low Point : -31.38 mV High Point : 1000.00 mV
Scale Factor: 1.0 Plot Offset: -31.38 mV Plot Scale: 1031.4 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/22/2006 14:22:13
Reprocess Number	: buf2042: 110619		
Operator	: tchrom	Sample Name	: AW60024886
Sample Number	: A6691503	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/20/2006 21:43:39	Cycle	: 1

Raw Data File : H:\TURBO6\5890-12\12A46124.raw <Modified>
Result File : H:\TURBO6\5890-12\12A46124.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A46124.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A46124.rst
Calib Method : h:\turbo6\5890-12\12a-66(06-11-06).mth from H:\TURBO6\5890-12\12A46124.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
2	1.89	BB	144210	TMX	0.0112	------	0
	2.55		88766	AR1016	-7e-03	-2e-03	4
17	6.10	BB	47620	DCBP	0.0095	------	0
			280595			-2e-03	

6/23/06

06/22/2006 14:22:13 Result: H:\TURBO6\5890-12\12A46124.rst

Group Report For : AR1016

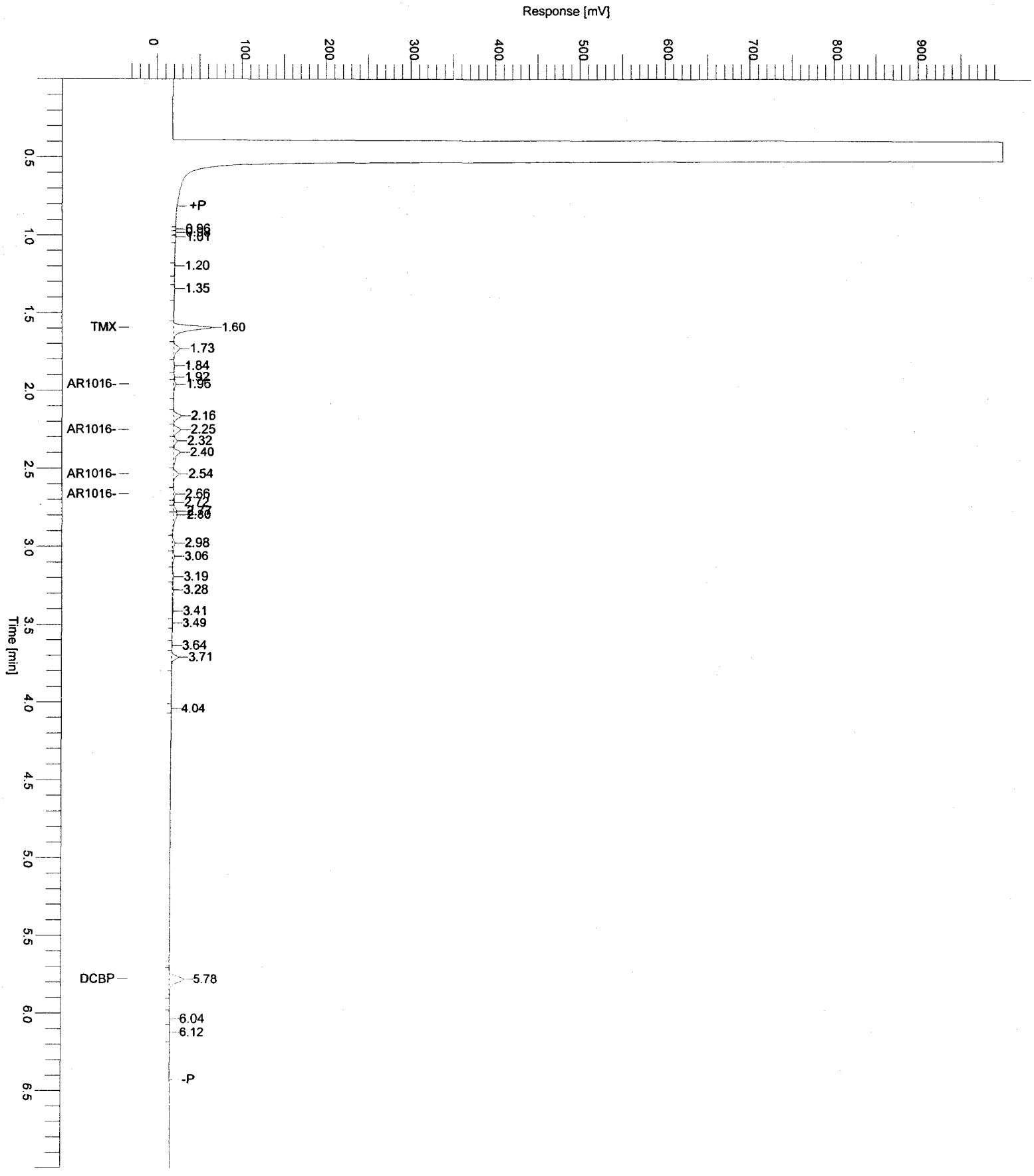
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
5	2.43	BV	27868	AR1016-A	-0.0161	-4e-03	4
7	2.55	VB	28206	AR1016-B	0.0396	0.0099	4
9	2.74	VV	21463	AR1016-C	-0.0102	-3e-03	4
10	2.82	VV	11228	AR1016-D	-0.0288	-7e-03	4
			88766			-4e-03	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.22		0	AR1260-A	0.0000	-------	-
-	4.89		0	AR1260-B	0.0000	-------	-
-	5.11		0	AR1260-C	0.0000	-------	-
-	5.54		0	AR1260-D	0.0000	-------	-
			0			0.0000	

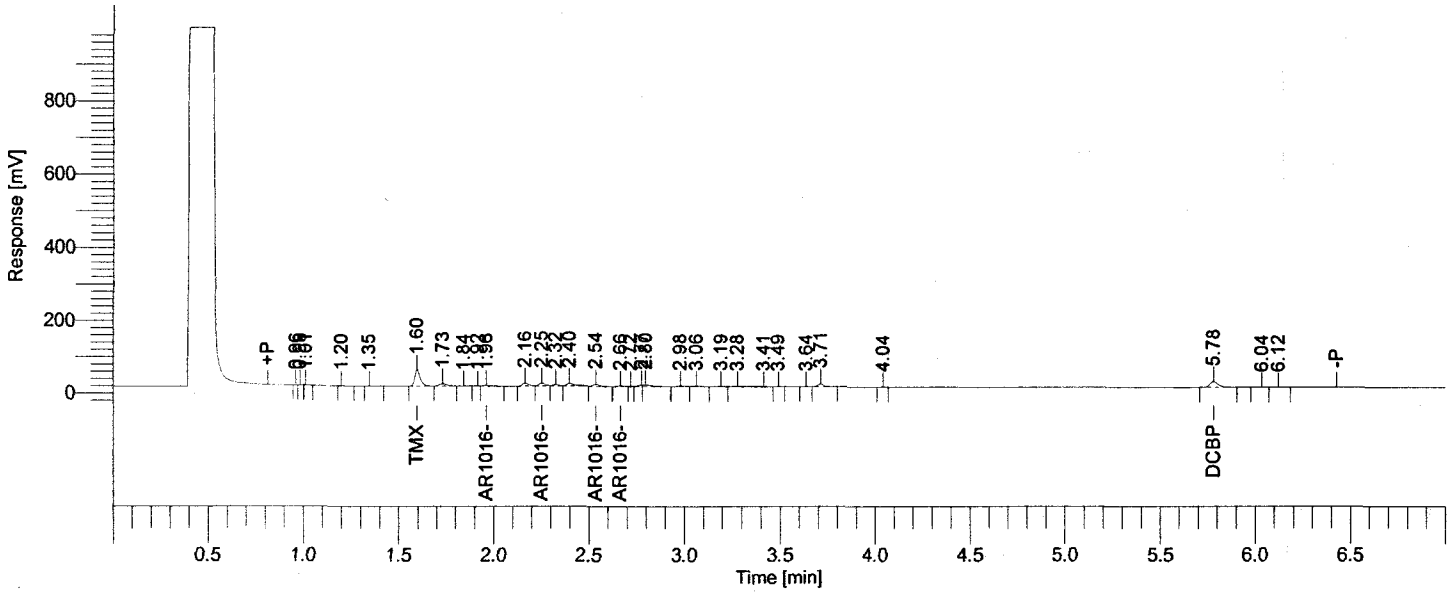
Chromatogram

Sample Name : AW60024886 Sample #: A6691503 Page 1 of 1
FileName : H:\TURBO6\5890-12\12B46124.raw
Date : 06/22/2006 14:22:17
Method : 12DINS Time of Injection: 06/20/2006 21:43:39
Start Time : 0.00 min End Time : 7.00 min Low Point : -33.03 mV High Point : 1000.00 mV
Scale Factor: 1.0 Plot Offset: -33.03 mV Plot Scale: 1033.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/22/2006 14:22:16
Reprocess Number	: buf2042: 110620		
Operator	: tchrom	Sample Name	: AW60024886
Sample Number	: A6691503	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/20/2006 21:43:39	Cycle	: 1

Raw Data File : H:\TURBO6\5890-12\12B46124.raw <Modified>
Result File : H:\TURBO6\5890-12\12B46124.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B46124.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B46124.rst
Calib Method : h:\turbo6\5890-12\12b-66(06-11-06).mth from H:\TURBO6\5890-12\12B46124.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
6	1.60	BB	91199	TMX	0.0143	-------	0
	2.25		44534	~~AR1016~~	0.0252	0.0063	4
29	5.78	BB	49002	DCBP	0.0127	-------	0
			184734			0.0063	

06/22/2006 14:22:16 Result: H:\TURBO6\5890-12\12B46124.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
10	1.96	VB	6423	AR1016-A	0.0315	0.0079	4
12	2.25	BV	17924	AR1016-B	0.0460	0.0115	4
15	2.54	BB	14080	AR1016-C	0.0136	0.0034	4
16	2.66	BV	6108	AR1016-D	0.0203	0.0051	4
			44534			0.0278	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.51		0	AR1260-A	0.0000	-------	-
-	4.64		0	AR1260-B	0.0000	-------	-
-	5.25		0	AR1260-C	0.0000	-------	-
-	5.30		0	AR1260-D	0.0000	-------	-
			0			0.0000	

AW 6/23/06

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-MPI-04-GW

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix: (soil/water) WATER Lab Sample ID: A6691504

Sample wt/vol: 1055.00 (g/mL) ML Lab File ID: 12B46125.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 06/16/2006 06/16/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 06/19/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/20/2006

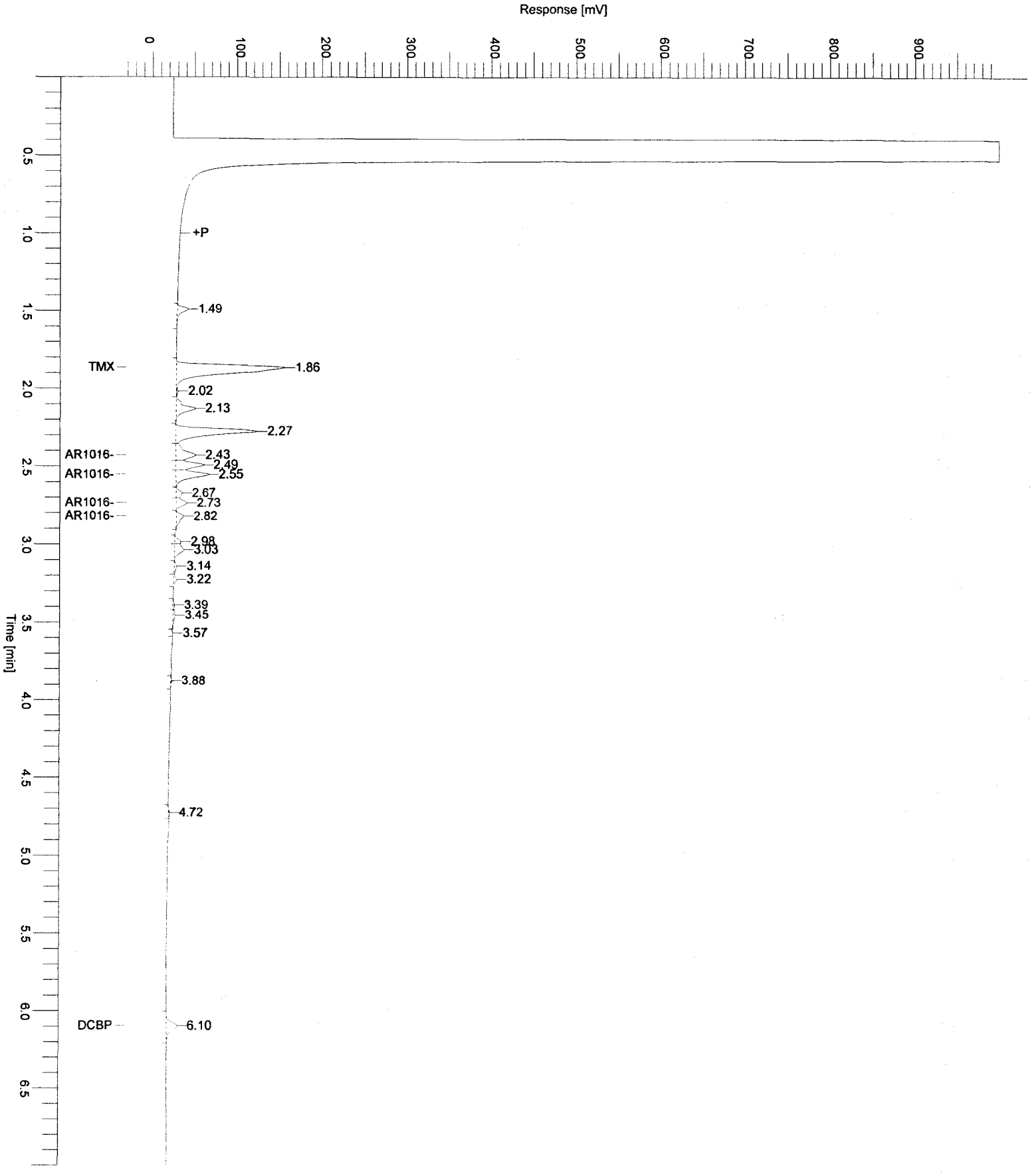
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	1.7	
11104-28-2	Aroclor 1221	0.47	U
11141-16-5	Aroclor 1232	0.47	U
53469-21-9	Aroclor 1242	0.47	U
12672-29-6	Aroclor 1248	0.47	U
11097-69-1	Aroclor 1254	0.47	U
11096-82-5	Aroclor 1260	0.47	U

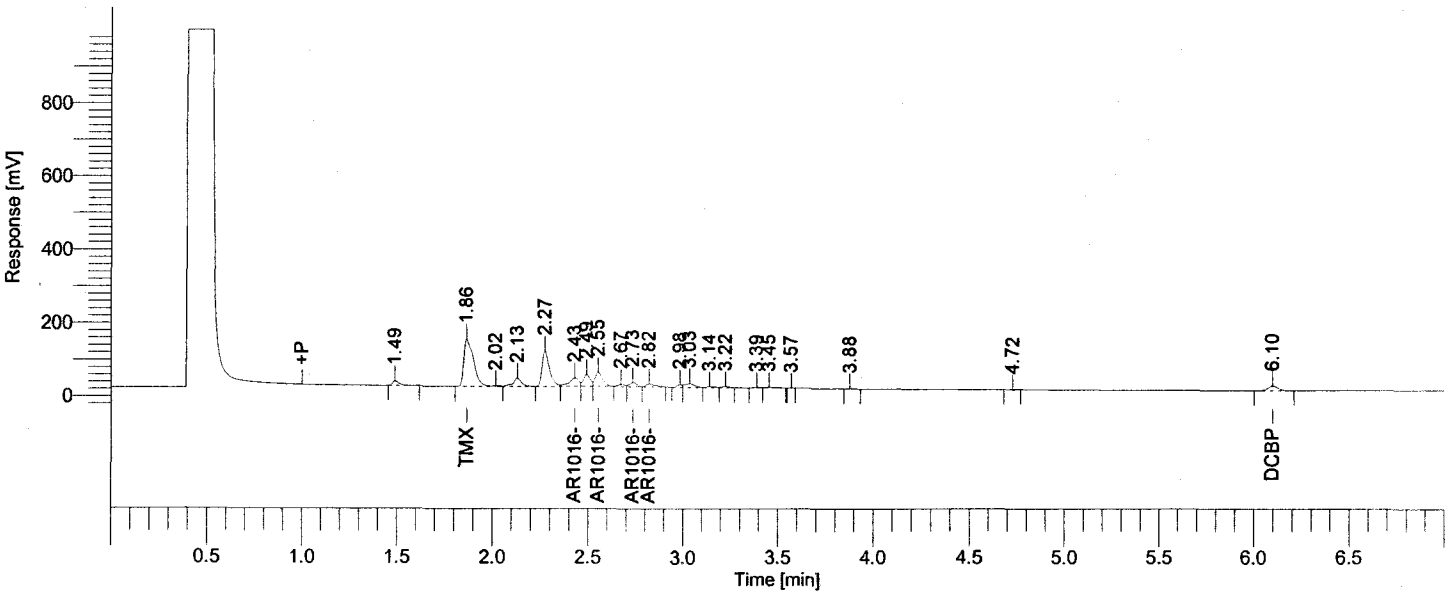
Chromatogram

Sample Name : AW60024887CU+ Sample #: A6691504 Page 1 of 1
FileName : H:\TURBO6\5890-12\12A46125.raw
Date : 06/22/2006 14:22:19
Method : 12DINS Time of Injection: 06/20/2006 22:03:25
Start Time : 0.00 min End Time : 7.00 min Low Point : -31.00 mV High Point : 1000.00 mV
Scale Factor: 1.0 Plot Offset: -31.00 mV Plot Scale: 1031.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/22/2006 14:22:18
Reprocess Number	: buf2042: 110621		
Operator	: tchrom	Sample Name	: AW60024887CU+
Sample Number	: A6691504	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/20/2006 22:03:25	Cycle	: 2

Raw Data File : H:\TURBO6\5890-12\12A46125.raw <Modified>
Result File : H:\TURBO6\5890-12\12A46125.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A46125.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A46125.rst
Calib Method : h:\turbo6\5890-12\12a-66(06-11-06).mth from H:\TURBO6\5890-12\12A46125.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
2	1.86	BE	456902	TMX	0.0401	-------	0
	2.55		242952	AR1016	0.0860	0.0215	4
21	6.10	BB	45609	DCBP	0.0089	-------	0
			745464			0.0215	

6/23/06

06/22/2006 14:22:18 Result: H:\TURBO6\5890-12\12A46125.rst

Group Report For : AR1016

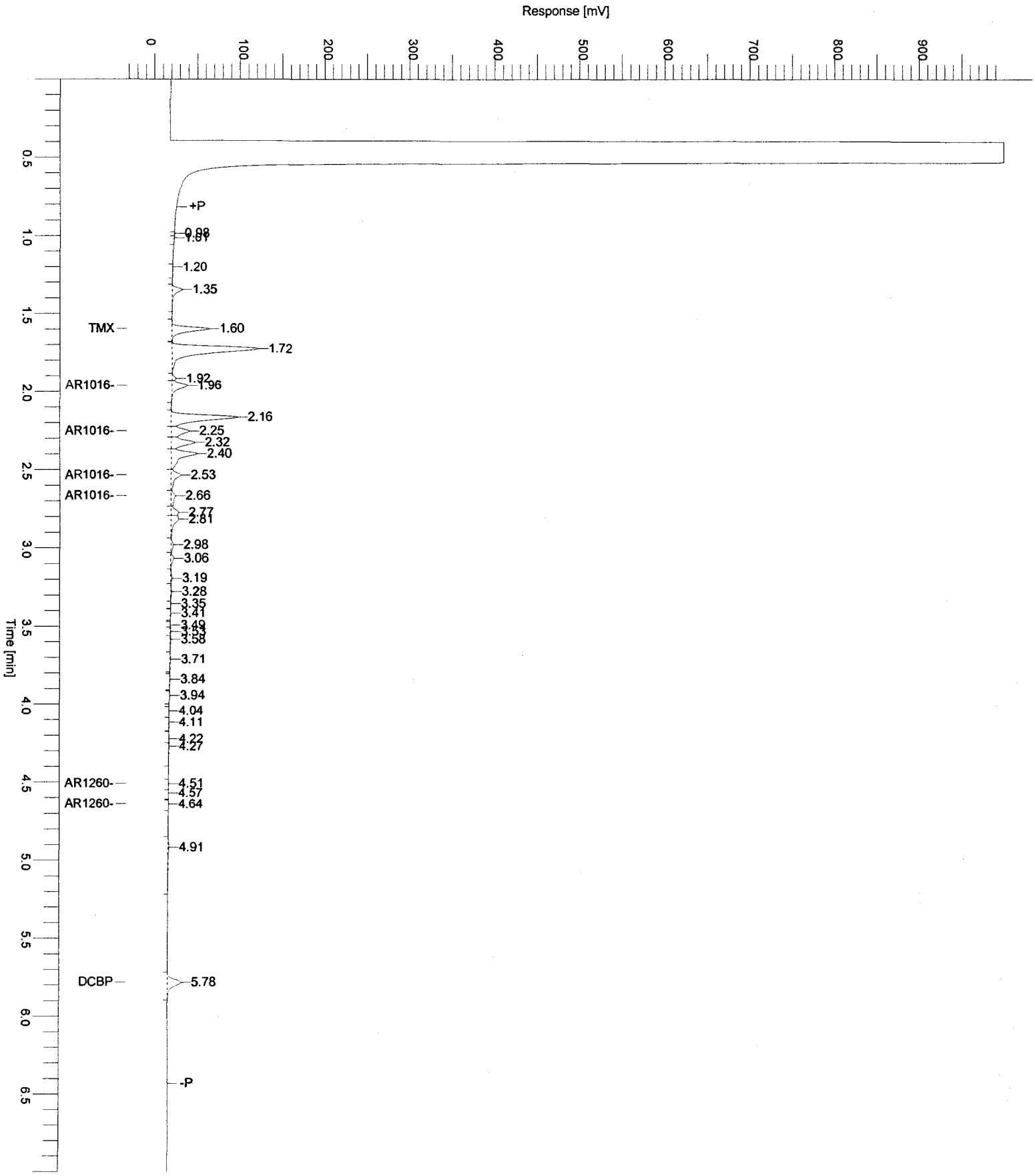
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
6	2.43	VV	80707	AR1016-A	0.1144	0.0286	4
8	2.55	VV	103843	AR1016-B	0.3468	0.0867	4
10	2.73	VB	32832	AR1016-C	0.0054	0.0014	4
11	2.82	BB	25570	AR1016-D	0.0232	0.0058	4
			242952			0.1225	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.22		0	AR1260-A	0.0000	-------	-
-	4.89		0	AR1260-B	0.0000	-------	-
-	5.11		0	AR1260-C	0.0000	-------	-
-	5.54		0	AR1260-D	0.0000	-------	-
			0			0.0000	

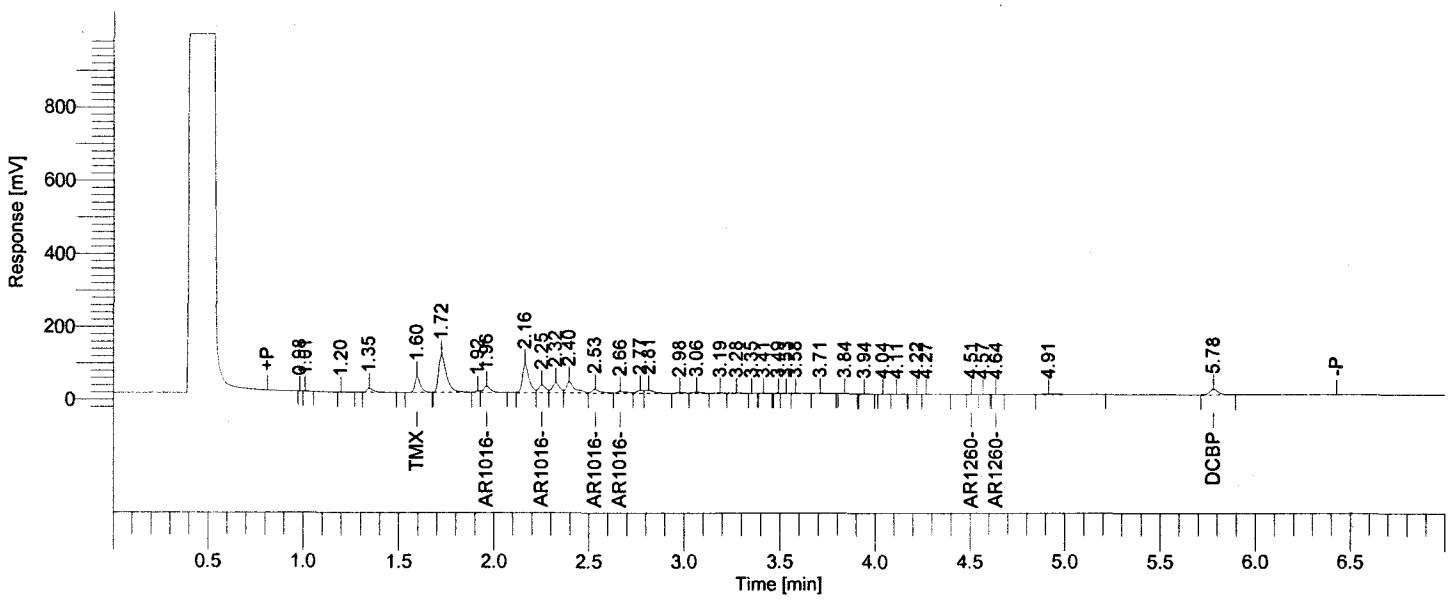
Chromatogram

Sample Name : AW60024887CU+ Sample #: A6691504 Page 1 of 1
FileName : H:\TURBO6\5890-12\12B46125.raw
Date : 06/22/2006 14:22:22
Method : 12DINS Time of Injection: 06/20/2006 22:03:25
Start Time : 0.00 min End Time : 7.00 min Low Point : -32.77 mV High Point : 1000.00 mV
Scale Factor: 1.0 Plot Offset: -32.77 mV Plot Scale: 1032.8 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/22/2006 14:22:20
Reprocess Number	: buf2042: 110622		
Operator	: tchrom	Sample Name	: AW60024887CU+
Sample Number	: A6691504	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/20/2006 22:03:25	Cycle	: 2

Raw Data File : H:\TURBO6\5890-12\12B46125.raw <Modified>
Result File : H:\TURBO6\5890-12\12B46125.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B46125.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B46125.rst
Calib Method : h:\turbo6\5890-12\12b-66(06-11-06).mth from H:\TURBO6\5890-12\12B46125.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
5	1.60	BB	88529	TMX	0.0139	------	0
	2.25		150969	AR1016	0.1377	0.0344	4
37	5.78	BB	46876	DCBP	0.0121	------	0
			286374			0.0344	

6/23/06

06/22/2006 14:22:20 Result: H:\TURBO6\5890-12\12B46125.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
8	1.96	VB	43102	AR1016-A	0.3496	0.0874	4
10	2.25	VV	54460	AR1016-B	0.2005	0.0501	4
13	2.53	VV	35128	AR1016-C	0.0644	0.0161	4
14	2.66	VV	18280	AR1016-D	0.0881	0.0220	4
			150969			0.1757	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
33	4.51	BV	229	AR1260-A	-0.0210	-5e-03	4
35	4.64	BB	208	AR1260-B	-0.0200	-5e-03	4
-	5.25		0	AR1260-C	0.0000	-------	-
-	5.30		0	AR1260-D	0.0000	-------	-
			437			-0.0103	

DWG 6/23/06

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-MPI-05-GW

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix: (soil/water) WATER Lab Sample ID: A6691505

Sample wt/vol: 1060.00 (g/mL) ML Lab File ID: 12B46126.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 06/15/2006 06/16/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 06/19/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/20/2006

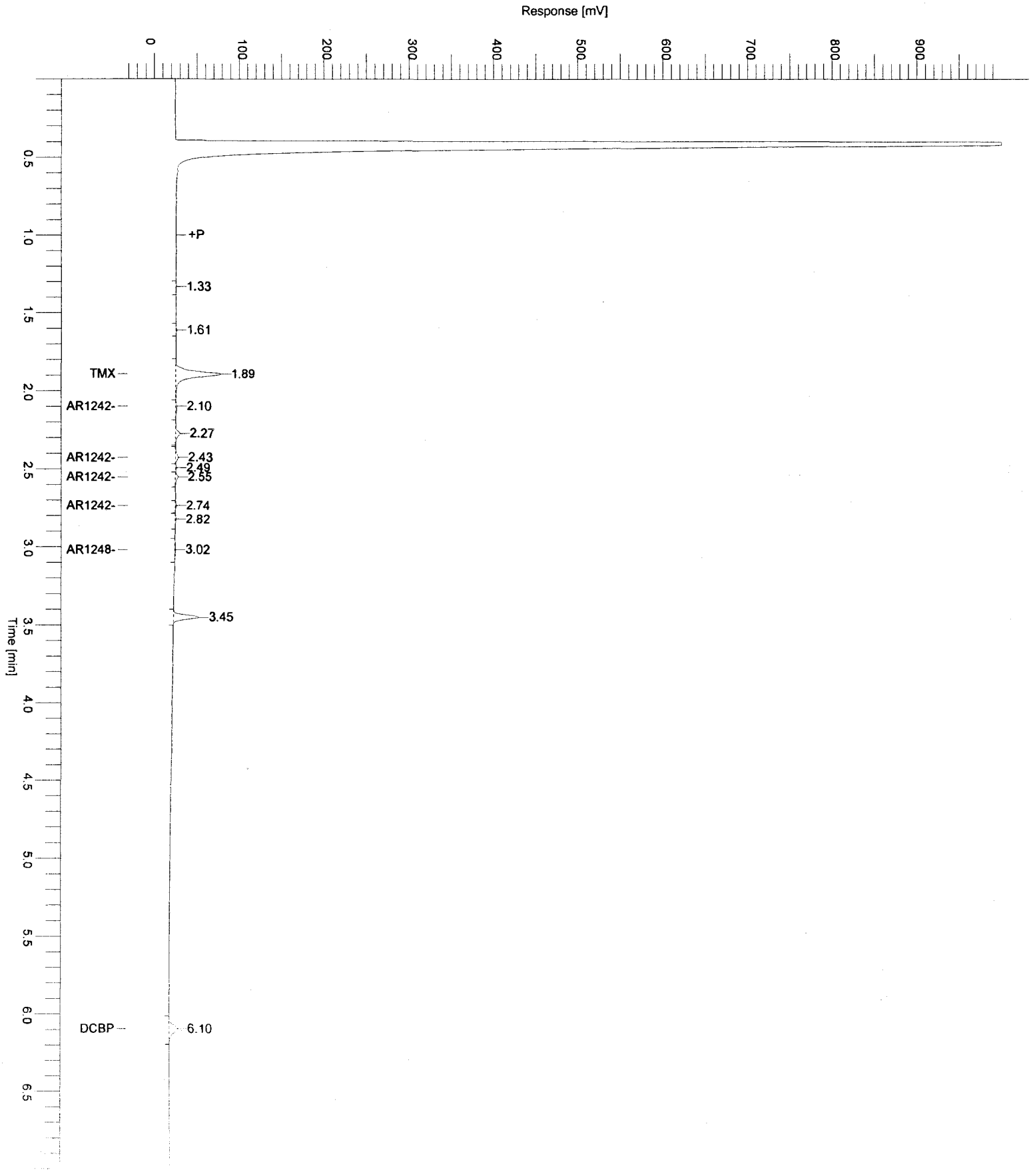
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.47	U
11104-28-2	Aroclor 1221	0.47	U
11141-16-5	Aroclor 1232	0.47	U
53469-21-9	Aroclor 1242	0.47	U
12672-29-6	Aroclor 1248	0.47	U
11097-69-1	Aroclor 1254	0.47	U
11096-82-5	Aroclor 1260	0.47	U

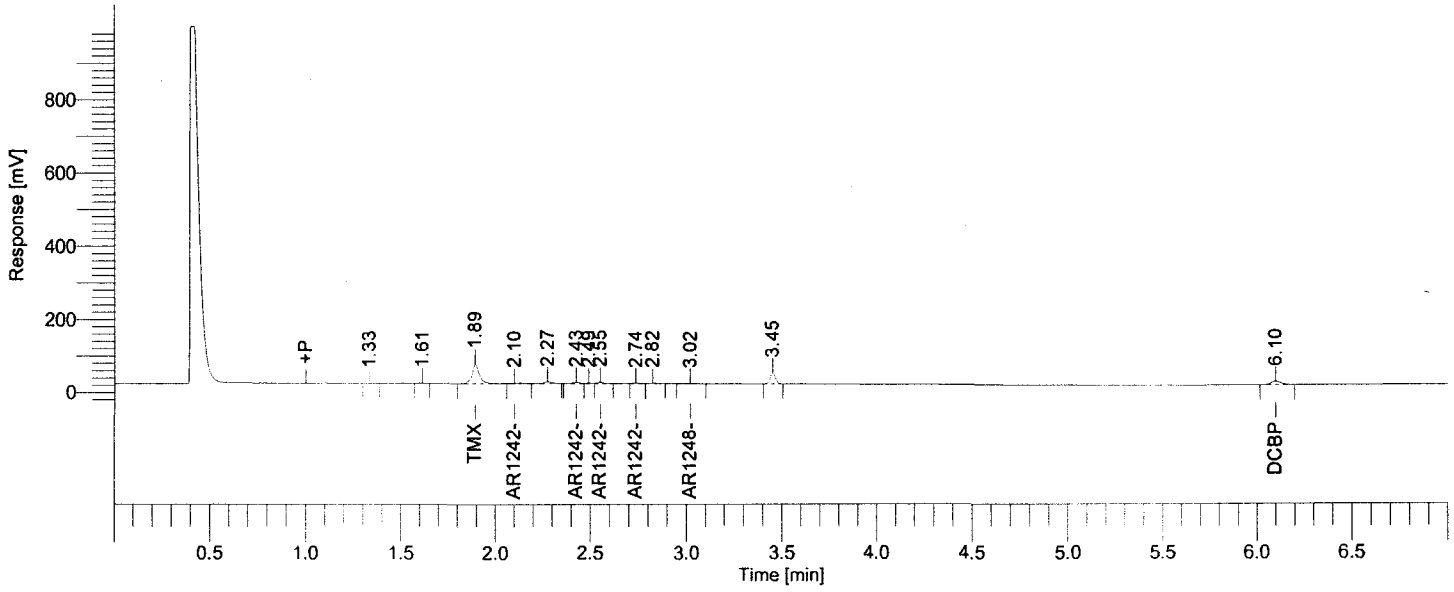
Chromatogram

Sample Name : AW60024908 Sample #: A6691505 Page 1 of 1
FileName : H:\TURBO6\5890-12\12A46126.raw
Date : 06/21/2006 07:56:48
Method : 12DINS Time of Injection: 06/20/2006 22:23:06
Start Time : 0.00 min End Time : 7.00 min Low Point : -31.21 mV High Point : 1000.00 mV
Scale Factor: 1.0 Plot Offset: -31.21 mV Plot Scale: 1031.2 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/21/2006 07:56:47
Reprocess Number	: buf2042: 110384		
Operator	: tchrom	Sample Name	: AW60024908
Sample Number	: A6691505	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/20/2006 22:23:06	Cycle	: 3

Raw Data File : H:\TURBO6\5890-12\12A46126.raw <Modified>
Result File : H:\TURBO6\5890-12\12A46126.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A46126.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A46126.rst
Calib Method : h:\turbo6\5890-12\12a-4-pcb(06-11-06).mth from H:\TURBO6\5890-12\12A46126.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
3	1.89	BV	147450	TMX	0.0115	-------	0
	2.43		22778	AR1242	0.0139	0.0035	4
	3.02		4754	AR1248	0.0028	6.9e-04	4
13	6.10	BB	34876	DCBP	0.0062	-------	0
			209859			0.0042	

6/23/06

06/21/2006 07:56:47 Result: H:\TURBO6\5890-12\12A46126.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
4	2.10	VV	5435	AR1242-A	0.0211	0.0053	4
6	2.43	BV	8630	AR1242-B	0.0196	0.0049	4
8	2.55	VB	6842	AR1242-C	0.0264	0.0066	4
9	2.74	BB	1872	AR1242-D	0.0027	6.8e-04	4
			22778			0.0175	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
11	3.02	BB	4754	AR1248-A	0.0197	0.0049	4
-	3.14		0	AR1248-B	0.0000	-------	-
-	3.23		0	AR1248-C	0.0000	-------	-
-	3.57		0	AR1248-D	0.0000	-------	-
			4754			0.0049	

Group Report For : AR1254

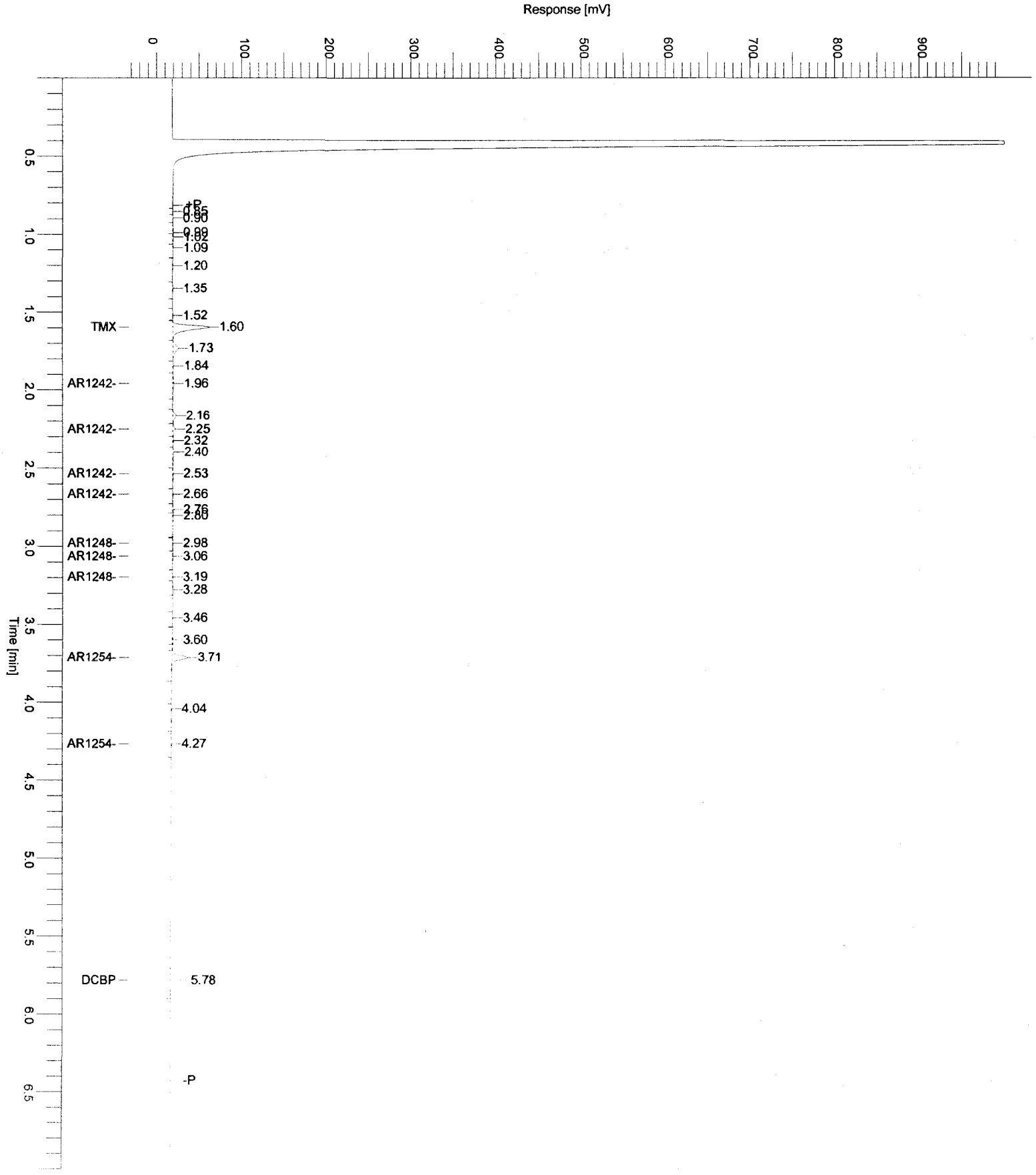
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.81		0	AR1254-A	0.0000	-------	-
-	3.88		0	AR1254-B	0.0000	-------	-
-	4.06		0	AR1254-C	0.0000	-------	-
-	4.42		0	AR1254-D	0.0000	-------	-
			0			0.0000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.22		0	AR1260-A	0.0000	-------	-
-	4.89		0	AR1260-B	0.0000	-------	-
-	5.11		0	AR1260-C	0.0000	-------	-
-	5.54		0	AR1260-D	0.0000	-------	-
			0			0.0000	

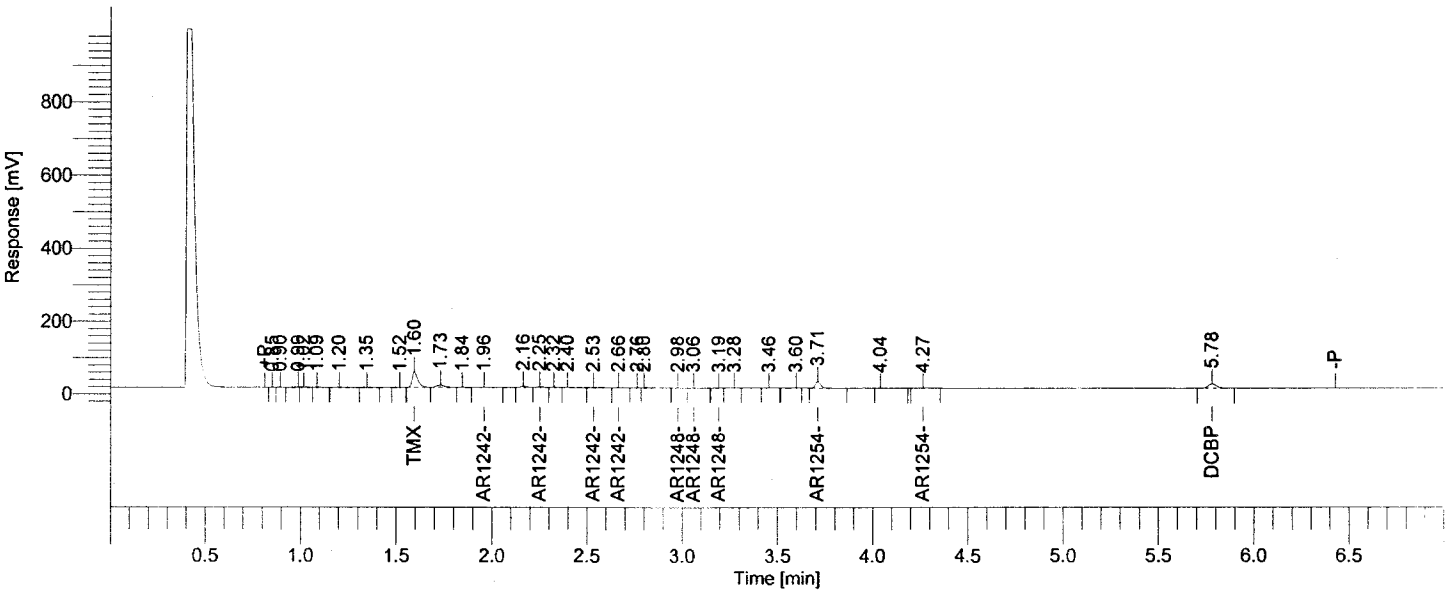
Chromatogram

Sample Name : AW60024908 Sample #: A6691505 Page 1 of 1
FileName : H:\TURBO6\5890-12\12B46126.raw
Date : 06/21/2006 07:56:54
Method : 12DINS Time of Injection: 06/20/2006 22:23:06
Start Time : 0.00 min End Time : 7.00 min Low Point : -32.96 mV High Point : 1000.00 mV
Scale Factor: 1.0 Plot Offset: -32.96 mV Plot Scale: 1033.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/21/2006 07:56:53
Reprocess Number	: buf2042: 110385		
Operator	: tchrom	Sample Name	: AW60024908
Sample Number	: A6691505	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/20/2006 22:23:06	Cycle	: 3

Raw Data File : H:\TURBO6\5890-12\12B46126.raw <Modified>
Result File : H:\TURBO6\5890-12\12B46126.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B46126.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B46126.rst
Calib Method : h:\turbo6\5890-12\12b-4-pcb(06-11-06).mth from H:\TURBO6\5890-12\12B46126.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
9	1.60	BB	87589	TMX	0.0138	------	0
	2.25		13775	AR1242	0.0177	0.0044	4
	3.06		2528	AR1248	0.0024	6.0e-04	4
	3.71		36857	AR1254	0.0265	0.0066	4
30	5.78	BB	36001	DCBP	0.0091	------	0
			176750			0.0116	

AW 6/23/06

06/21/2006 07:56:53 Result: H:\TURBO6\5890-12\12B46126.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
12	1.96	VB	3290	AR1242-A	0.0301	0.0075	4
14	2.25	VV	6931	AR1242-B	0.0339	0.0085	4
17	2.53	VB	2428	AR1242-C	0.0073	0.0018	4
18	2.66	BV	1126	AR1242-D	0.0084	0.0021	4
			13775			0.0199	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
21	2.98	BV	870	AR1248-A	0.0035	8.8e-04	4
22	3.06	VB	1226	AR1248-B	0.0055	0.0014	4
23	3.19	BV	431	AR1248-C	0.0014	3.5e-04	4
-	3.24		0	AR1248-D	0.0000	-------	-
			2528			0.0026	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
27	3.71	VB	35986	AR1254-A	0.0867	0.0217	4
-	3.83		0	AR1254-B	0.0000	-------	-
-	3.95		0	AR1254-C	0.0000	-------	-
29	4.27	BB	871	AR1254-D	0.0027	6.8e-04	4
			36857			0.0224	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.51		0	AR1260-A	0.0000	-------	-
-	4.64		0	AR1260-B	0.0000	-------	-
-	5.25		0	AR1260-C	0.0000	-------	-
-	5.30		0	AR1260-D	0.0000	-------	-
			0			0.0000	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-MPI-06-GW

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix: (soil/water) WATER Lab Sample ID: A6691506

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 12B46127.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 06/15/2006 06/16/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 06/19/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/20/2006

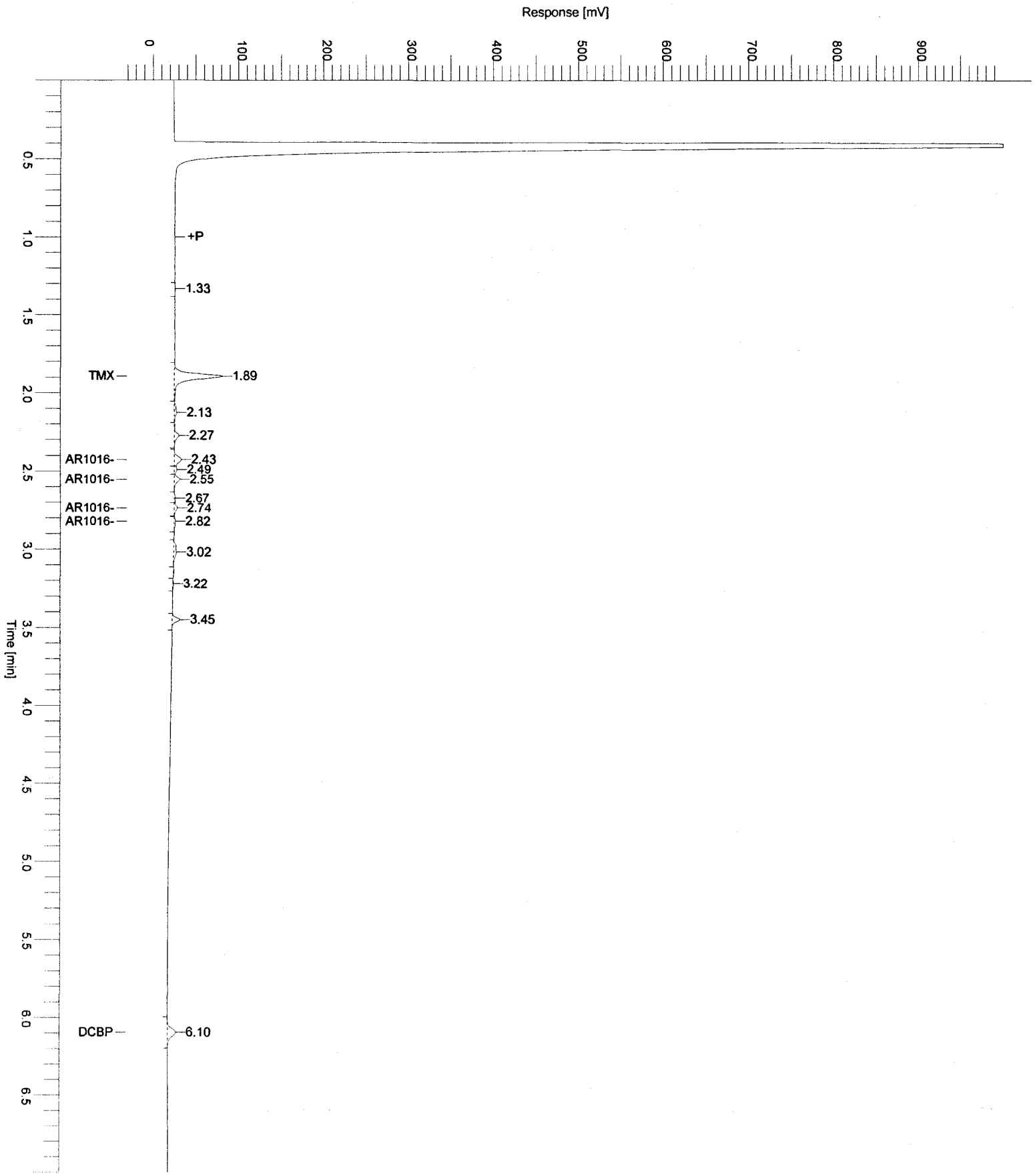
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

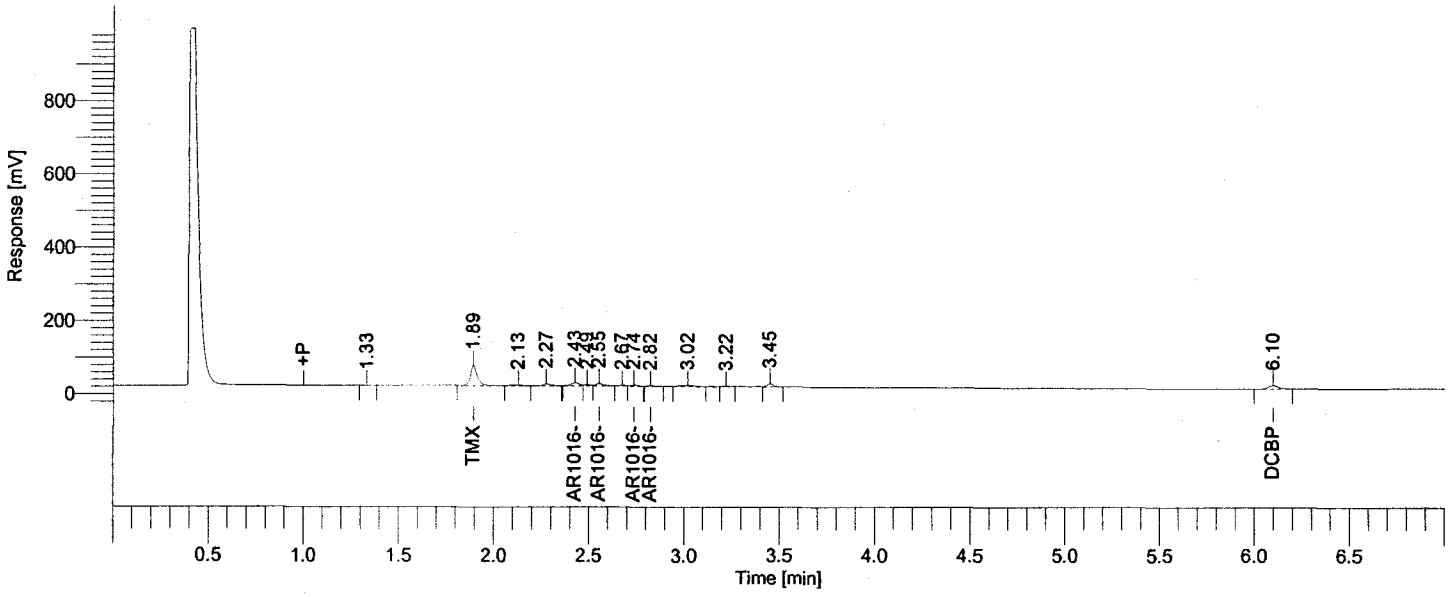
Chromatogram

Sample Name : AW60024909 Sample #: A6691506 Page 1 of 1
FileName : H:\TURBO6\5890-12\12A46127.raw
Date : 06/22/2006 14:24:35
Method : 12DINS Time of Injection: 06/20/2006 22:42:49
Start Time : 0.00 min End Time : 7.00 min Low Point : -31.03 mV High Point : 1000.00 mV
Scale Factor: 1.0 Plot Offset: -31.03 mV Plot Scale: 1031.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/22/2006 14:24:34
Reprocess Number	: buf2042: 110623		
Operator	: tchrom	Sample Name	: AW60024909
Sample Number	: A6691506	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/20/2006 22:42:49	Cycle	: 1

Raw Data File : H:\TURBO6\5890-12\12A46127.raw <Modified>
Result File : H:\TURBO6\5890-12\12A46127.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A46127.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A46127.rst
Calib Method : h:\turbo6\5890-12\12a-66(06-11-06).mth from H:\TURBO6\5890-12\12A46127.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
2	1.89	BV	146026	TMX	0.0114	-------	0
	2.43		52772	AR1016	-0.0291	-7e-03	4
14	6.10	BB	35000	DCBP	0.0062	-------	0
			233797			-7e-03	

6/23/06

06/22/2006 14:24:34 Result: H:\TURBO6\5890-12\12A46127.rst

Group Report For : AR1016

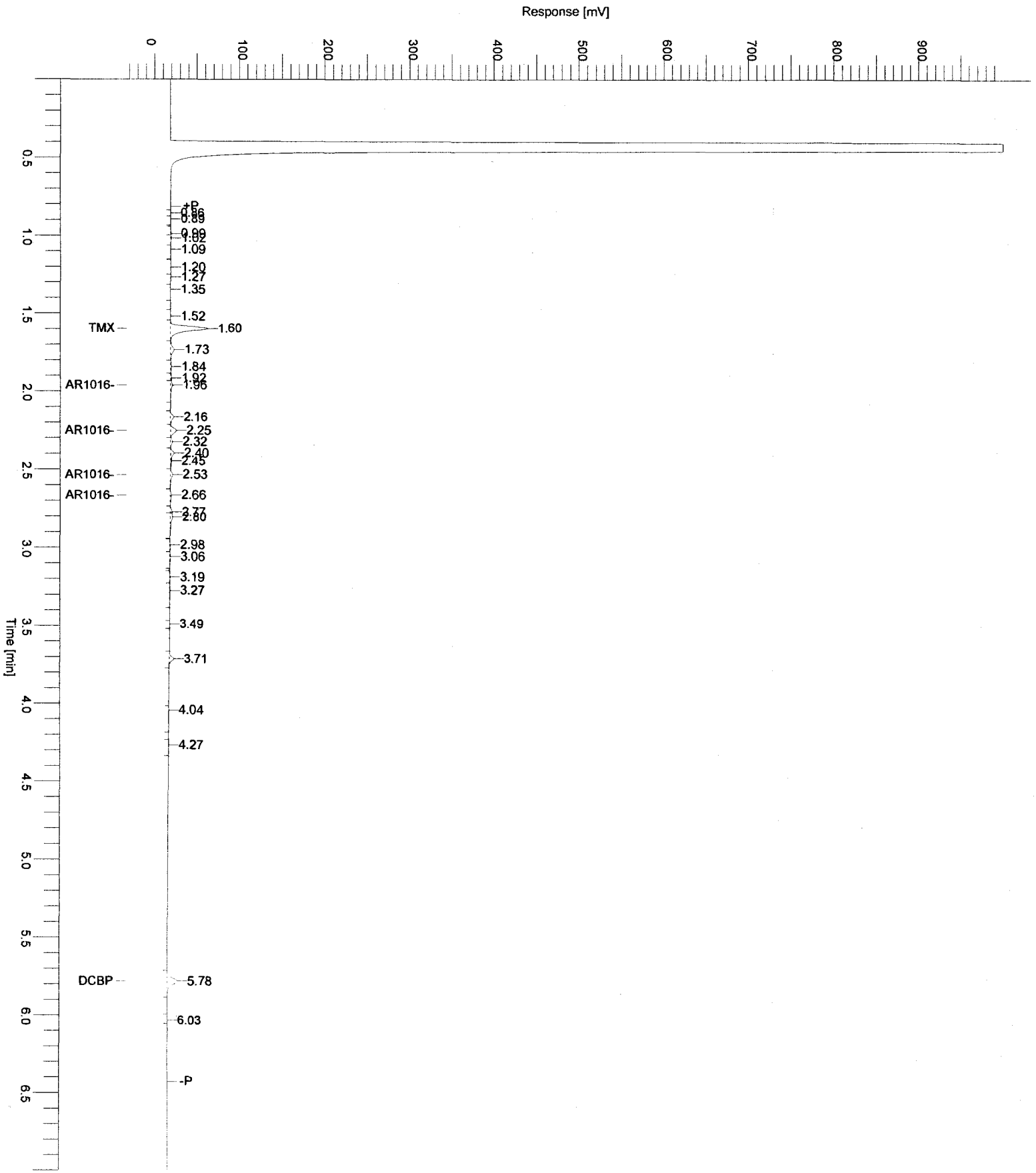
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
5	2.43	BV	23257	AR1016-A	-0.0275	-7e-03	4
7	2.55	VB	15571	AR1016-B	-0.0117	-3e-03	4
9	2.74	VB	9012	AR1016-C	-0.0274	-7e-03	4
10	2.82	BB	4932	AR1016-D	-0.0516	-0.0129	4
			52772			-0.0296	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.22		0	AR1260-A	0.0000	-------	-
-	4.89		0	AR1260-B	0.0000	-------	-
-	5.11		0	AR1260-C	0.0000	-------	-
-	5.54		0	AR1260-D	0.0000	-------	-
			0			0.0000	

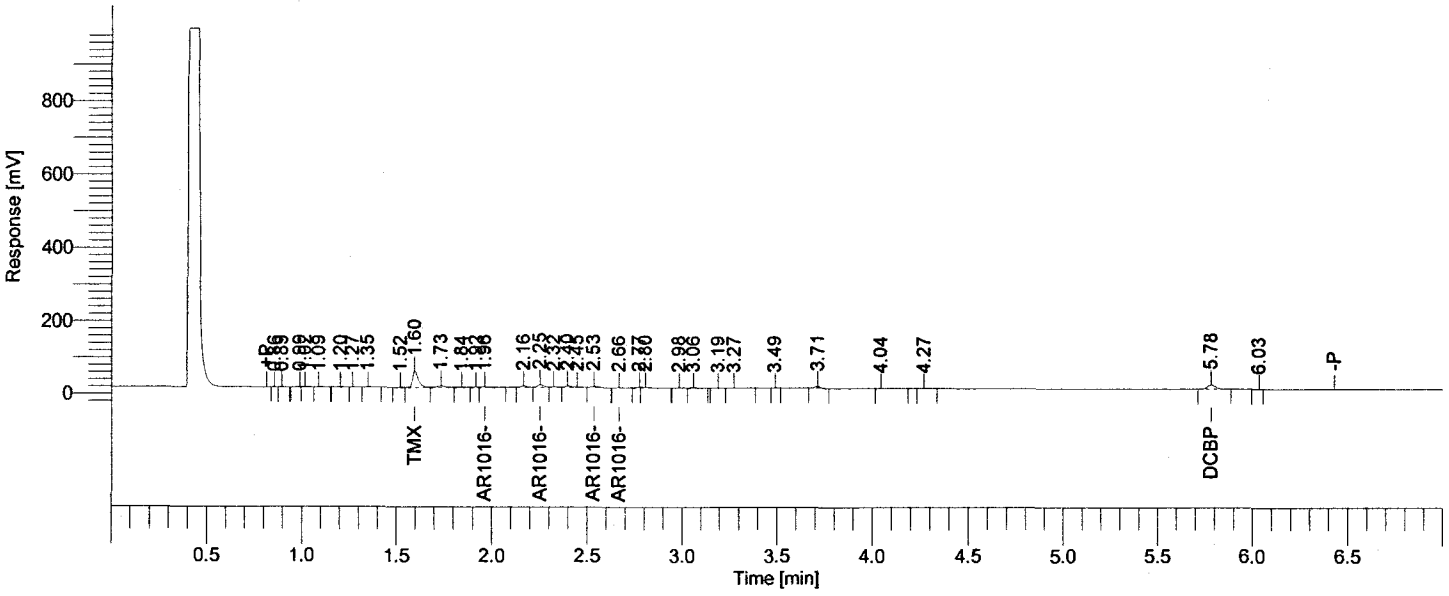
Chromatogram

Sample Name : AW60024909 Sample #: A6691506 Page 1 of 1
FileName : H:\TURBO6\5890-12\12B46127.raw
Date : 06/22/2006 14:24:37
Method : 12DINS Time of Injection: 06/20/2006 22:42:49
Start Time : 0.00 min End Time : 7.00 min Low Point : -32.93 mV High Point : 1000.00 mV
Scale Factor: 1.0 Plot Offset: -32.93 mV Plot Scale: 1032.9 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/22/2006 14:24:36
Reprocess Number	: buf2042: 110624		
Operator	: tchrom	Sample Name	: AW60024909
Sample Number	: A6691506	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/20/2006 22:42:49	Cycle	: 1

Raw Data File : H:\TURBO6\5890-12\12B46127.raw <Modified>
Result File : H:\TURBO6\5890-12\12B46127.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B46127.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B46127.rst
Calib Method : h:\turbo6\5890-12\12b-66(06-11-06).mth from H:\TURBO6\5890-12\12B46127.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
10	1.60	VV	92433	TMX	0.0146	------	0
	2.25		31295	AR1016	0.0113	0.0028	4
32	5.78	BB	35480	DCBP	0.0090	------	0
			159208			0.0028	

BW 6/23/06

06/22/2006 14:24:36 Result: H:\TURBO6\5890-12\12B46127.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
14	1.96	VB	5782	AR1016-A	0.0261	0.0065	4
16	2.25	BV	15668	AR1016-B	0.0366	0.0092	4
20	2.53	BB	6456	AR1016-C	-5e-03	-1e-03	4
21	2.66	BB	3388	AR1016-D	0.0052	0.0013	4
			31295			0.0158	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.51		0	AR1260-A	0.0000	-------	-
-	4.64		0	AR1260-B	0.0000	-------	-
-	5.25		0	AR1260-C	0.0000	-------	-
-	5.30		0	AR1260-D	0.0000	-------	-
			0			0.0000	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-MPI-06-GW/D

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix: (soil/water) WATER Lab Sample ID: A6691509

Sample wt/vol: 1060.00 (g/mL) ML Lab File ID: 12B46130.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 06/15/2006 06/16/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 06/19/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/20/2006

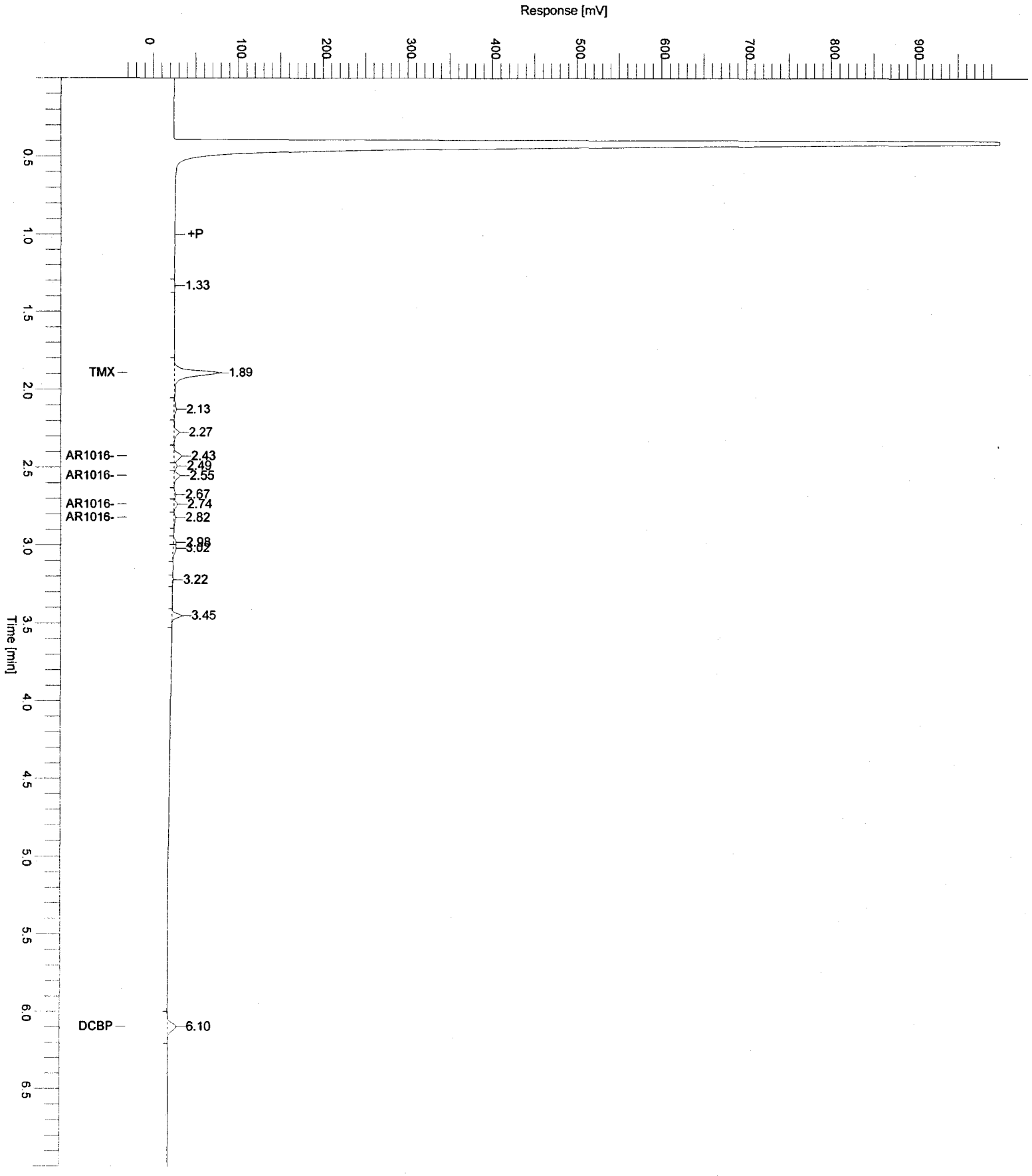
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.18	J
11104-28-2	Aroclor 1221	0.47	U
11141-16-5	Aroclor 1232	0.47	U
53469-21-9	Aroclor 1242	0.47	U
12672-29-6	Aroclor 1248	0.47	U
11097-69-1	Aroclor 1254	0.47	U
11096-82-5	Aroclor 1260	0.47	U

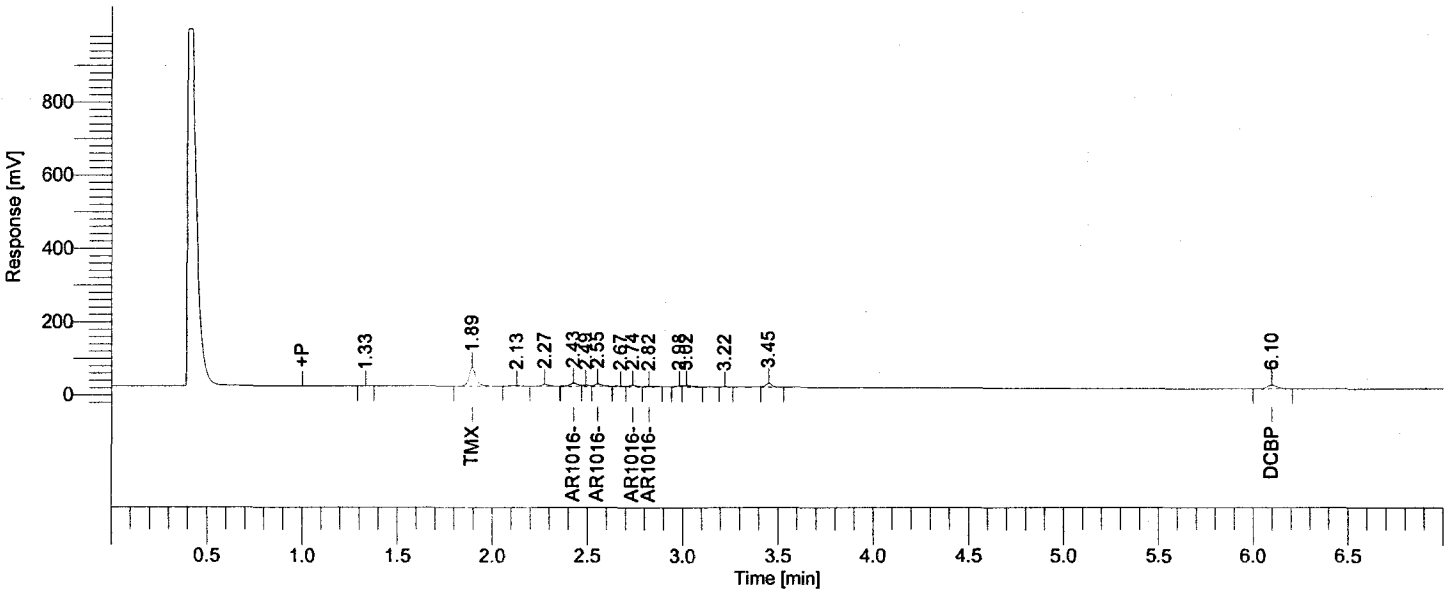
Chromatogram

Sample Name : AW60024912 Sample #: A6691509 Page 1 of 1
FileName : H:\TURBO6\5890-12\12A46130.raw
Date : 06/22/2006 14:26:44
Method : 12DINS Time of Injection: 06/20/2006 23:41:51
Start Time : 0.00 min End Time : 7.00 min Low Point : -30.95 mV High Point : 1000.00 mV
Scale Factor: 1.0 Plot Offset: -30.95 mV Plot Scale: 1030.9 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/22/2006 14:26:43
Reprocess Number	: buf2042: 110625		
Operator	: tchrom	Sample Name	: AW60024912
Sample Number	: A6691509	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/20/2006 23:41:51	Cycle	: 1

Raw Data File : H:\TURBO6\5890-12\12A46130.raw <Modified>
Result File : H:\TURBO6\5890-12\12A46130.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A46130.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A46130.rst
Calib Method : h:\turbo6\5890-12\12a-66(06-11-06).mth from H:\TURBO6\5890-12\12A46130.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
2	1.89	BV	136053	TMX	0.0105	-------	0
	2.43		55109	AR1016	-0.0277	-7e-03	4
15	6.10	BB	37905	DCBP	0.0069	-------	0
			229068			-7e-03	

6/23/06

06/22/2006 14:26:43 Result: H:\TURBO6\5890-12\12A46130.rst

Group Report For : AR1016

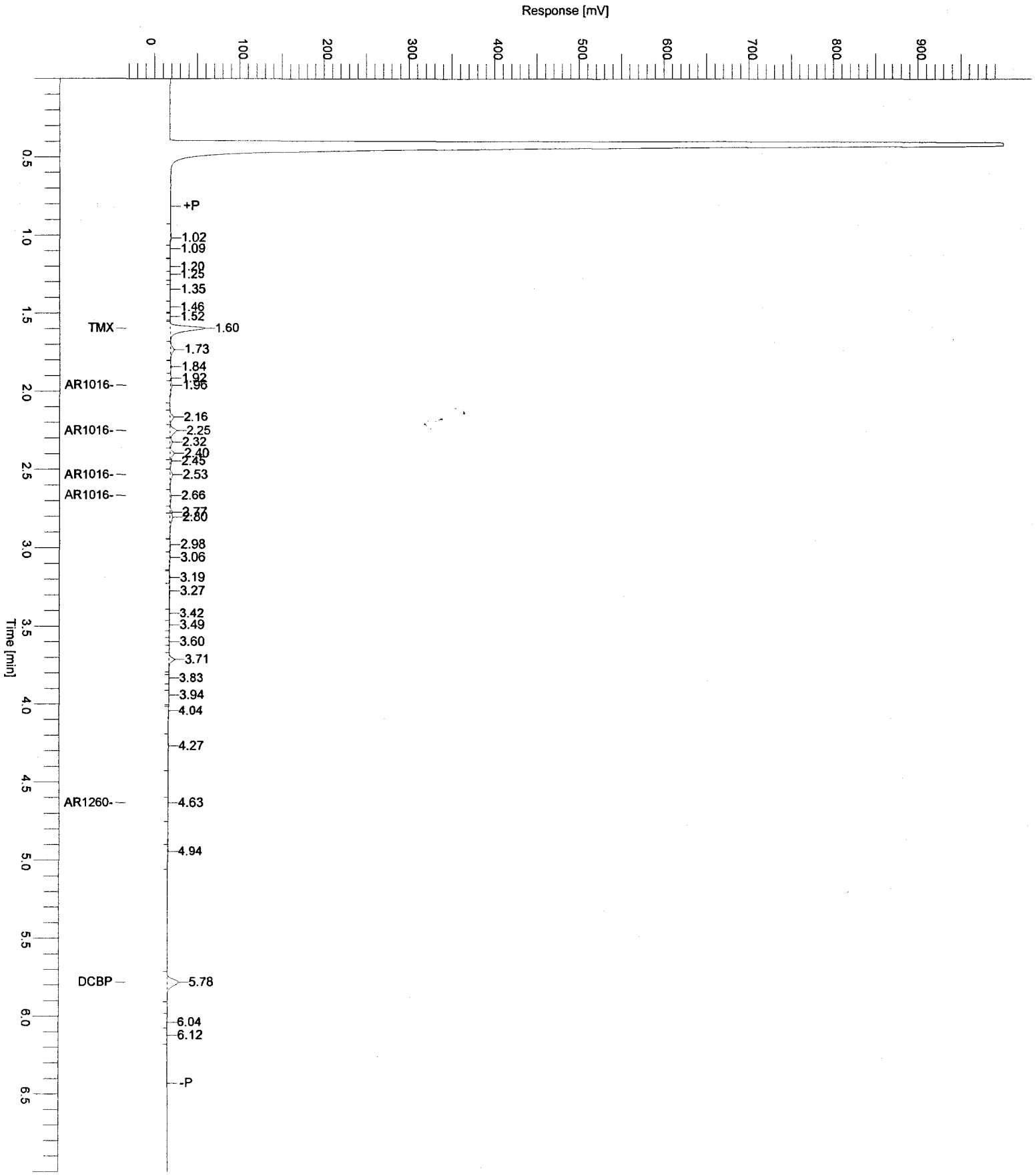
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
5	2.43	BV	23759	AR1016-A	-0.0263	-7e-03	4
7	2.55	VB	16089	AR1016-B	-1e-02	-2e-03	4
9	2.74	VV	9910	AR1016-C	-0.0262	-7e-03	4
10	2.82	VB	5351	AR1016-D	-0.0501	-0.0125	4
			55109			-0.0280	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.22		0	AR1260-A	0.0000	-------	-
-	4.89		0	AR1260-B	0.0000	-------	-
-	5.11		0	AR1260-C	0.0000	-------	-
-	5.54		0	AR1260-D	0.0000	-------	-
			0			0.0000	

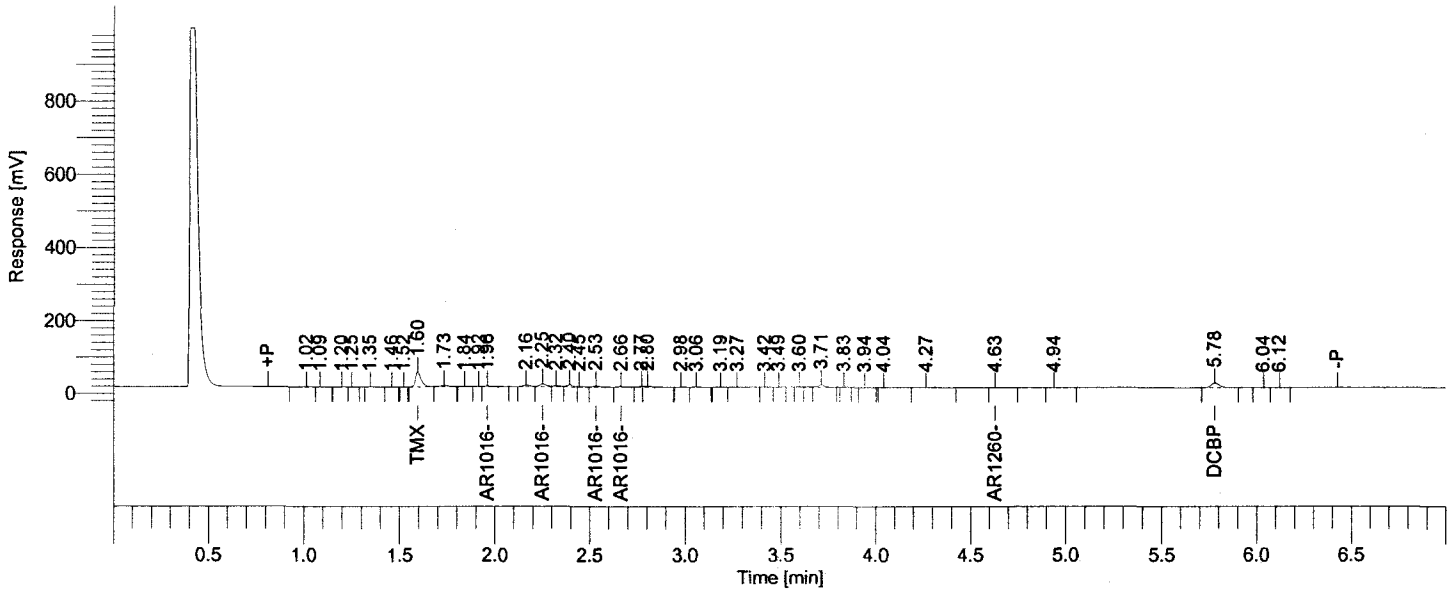
Chromatogram

Sample Name : AW60024912 Sample #: A6691509 Page 1 of 1
FileName : H:\TURBO6\5890-12\12B46130.raw
Date : 06/22/2006 14:26:47
Method : 12DINS Time of Injection: 06/20/2006 23:41:51
Start Time : 0.00 min End Time : 7.00 min Low Point : -32.92 mV High Point : 1000.00 mV
Scale Factor: 1.0 Plot Offset: -32.92 mV Plot Scale: 1032.9 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/22/2006 14:26:45
Reprocess Number	: buf2042: 110626		
Operator	: tchrom	Sample Name	: AW60024912
Sample Number	: A6691509	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/20/2006 23:41:51	Cycle	: 1

Raw Data File : H:\TURBO6\5890-12\12B46130.raw <Modified>
Result File : H:\TURBO6\5890-12\12B46130.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B46130.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B46130.rst
Calib Method : h:\turbo6\5890-12\12b-66(06-11-06).mth from H:\TURBO6\5890-12\12B46130.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
8	1.60	BB	83267	TMX	0.0130	-------	0
	2.25		35902	AR1016	0.0162	0.0040	4
36	5.78	BB	38863	DCBP	0.0099	-------	0
			158031			0.0040	

AW 6/23/06

06/22/2006 14:26:45 Result: H:\TURBO6\5890-12\12B46130.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
12	1.96	VB	5068	AR1016-A	0.0200	0.0050	4
14	2.25	VV	18267	AR1016-B	0.0475	0.0119	4
18	2.53	VB	8350	AR1016-C	-2e-04	-6e-05	4
19	2.66	BV	4216	AR1016-D	0.0098	0.0024	4
			35902			0.0192	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.51		0	AR1260-A	0.0000	-------	-
34	4.63	BV	339	AR1260-B	-0.0197	-5e-03	4
-	5.25		0	AR1260-C	0.0000	-------	-
-	5.30		0	AR1260-D	0.0000	-------	-
			339			-5e-03	

Standards

PCB INITIAL CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo Contract:

Instrument: HP5890-12 A Date(s) Analyzed:

Column: ZB-35 06/11/2006 to 06/11/2006

	LEVEL (ng/ul) Area											
COMPOUND	0.025	0.05	0.1	0.25	0.5	1.0	2.5	Curve	R Squared	m_1	m_2	b
AR1016	63009	141645	257025	548690	1009988	1804418	4193317	1st	0.998448	1652367		100910
AR1260	37691	79694	157570	385030	744567	1389214	3227587	1st	0.998654	1285171		47782
COMPOUND	0.005	0.01	0.02	0.03	0.04	0.05						
TMX	71762	133730	236338	362205	445628	565352		1st	0.997981	10845273		22333
DCBP	25541	48799	90263	137400	162229	198787		1st	0.992205	3842284		11244

Name	Level	File ID:
ICM66NE	0.025	H:\TURBO6\5890-12\12A45169.raw
ICM66NG	0.05	H:\TURBO6\5890-12\12A45168.raw
ICM66NF	0.10	H:\TURBO6\5890-12\12A45167.raw
ICM66NE	0.25	H:\TURBO6\5890-12\12A45166.raw
ICM66NK	0.5	H:\TURBO6\5890-12\12A45165.raw
ICM66ND	1.0	H:\TURBO6\5890-12\12A45164.raw
ICM66NC	2.5	H:\TURBO6\5890-12\12A45163.raw

Curve	Formula
1st Order	Area = Amt*m1 + b
2nd Order	Area = m1*Amt + m2((Amt)^2) + b

JUN 1 3 2006

FORM VIA PCB

6B

PCB INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo Contract:

Instrument: HP5890-12 A Date(s) Analyzed:

Column: ZB-35 06/11/2006 to 06/11/2006

	LEVEL					INITIAL	WINDOW
COMPOUND	A	C	E	AVE RT	WINDOW (+/-)	From	To
TMX	1.89	1.89	1.89	1.89	0.08	1.81	1.97
AR1016-A	2.43	2.43	2.42	2.43	0.08	2.35	2.51
AR1016-B	2.56	2.56	2.56	2.56	0.08	2.48	2.64
AR1016-C	2.74	2.74	2.74	2.74	0.08	2.66	2.82
AR1016-D	2.82	2.82	2.81	2.82	0.08	2.74	2.90
AR1260-A	4.22	4.22	4.22	4.22	0.08	4.14	4.30
AR1260-B	4.90	4.90	4.90	4.90	0.08	4.82	4.98
AR1260-C	5.11	5.11	5.11	5.11	0.08	5.03	5.19
AR1260-D	5.54	5.54	5.54	5.54	0.08	5.46	5.62
DCBP	6.10	6.10	6.10	6.10	0.08	6.02	6.18

JUN 13 2006

PCB SINGLE POINT CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo

Instrument: HP5890-12 A Date(s) Analyzed:

Column: ZB-35 06/11/2006 to 06/11/2006

	LEVEL (ng/ul)				
COMPOUND	0.5				
	Area	Calibration Factor	File ID:	Date	Time
AR1221	327065	654130	H:\TURBO6\5890-12\12A45153.raw	06/11/2006	14:51
AR1232	358118	716236	H:\TURBO6\5890-12\12A45155.raw	06/11/2006	15:30
AR1242	821619	1643238	H:\TURBO6\5890-12\12A45157.raw	06/11/2006	16:10
AR1248	859912	1719824	H:\TURBO6\5890-12\12A45159.raw	06/11/2006	16:49
AR1254	1092282	2184564	H:\TURBO6\5890-12\12A45161.raw	06/11/2006	17:28

JUN 3 2006

FORM VIA PCB

6B

PCB INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo

Instrument: HP5890-12 A Date(s) Analyzed:

Column: ZB-35 06/11/2006 to 06/11/2006

			INITIAL	WINDOW
COMPOUND	Retention Time	WINDOW (+/-)	From	To
AR1221-A	1.33	0.08	1.25	1.41
AR1221-B	1.49	0.08	1.41	1.57
AR1221-C	2.02	0.08	1.94	2.10
AR1221-D	2.13	0.08	2.05	2.21
AR1232-A	1.86	0.08	1.78	1.94
AR1232-B	2.02	0.08	1.94	2.10
AR1232-C	2.13	0.08	2.05	2.21
AR1232-D	2.42	0.08	2.34	2.50
AR1242-A	2.13	0.08	2.05	2.21
AR1242-B	2.42	0.08	2.34	2.50
AR1242-C	2.55	0.08	2.47	2.63
AR1242-D	2.74	0.08	2.66	2.82
AR1248-A	2.98	0.08	2.90	3.06
AR1248-B	3.14	0.08	3.06	3.22
AR1248-C	3.23	0.08	3.15	3.31
AR1248-D	3.57	0.08	3.49	3.65
AR1254-A	3.81	0.08	3.73	3.89
AR1254-B	3.88	0.08	3.80	3.96
AR1254-C	4.06	0.08	3.98	4.14
AR1254-D	4.42	0.08	4.34	4.50

JUN 15 2006

PCB INITIAL CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo Contract:

Instrument: HP5890-12 B Date(s) Analyzed:

Column: ZB-5 06/11/2006 to 06/11/2006

	LEVEL (ng/ul) Area											
COMPOUND	0.025	0.05	0.1	0.25	0.5	1.0	2.5	Curve	R Squared	m_1	m_2	b
AR1016	32723	62016	125355	254820	504553	897568	2011759	2nd	0.999676	956248	-64134	20465
AR1260	22292	44225	85059	197374	367198	635817	1434759	2nd	0.999306	683334	-46746	16728
COMPOUND	0.005	0.01	0.02	0.03	0.04	0.05						
TMX	33060	64299	120617	186167	223565	273721		2nd	0.997944	6811540	-26843991	-1007
DCBP	20490	39269	72596	108938	128805	157037		2nd	0.997796	4047494	-18859675	662

Name	Level	File ID:
ICM66NE	0.025	H:\TURBO6\5890-12\12B45169.raw
ICM66NG	0.05	H:\TURBO6\5890-12\12B45168.raw
ICM66NF	0.10	H:\TURBO6\5890-12\12B45167.raw
ICM66NE	0.25	H:\TURBO6\5890-12\12B45166.raw
ICM66NK	0.5	H:\TURBO6\5890-12\12B45165.raw
ICM66ND	1.0	H:\TURBO6\5890-12\12B45164.raw
ICM66NC	2.5	H:\TURBO6\5890-12\12B45163.raw

Curve	Formula
1st Order	Area = Amt*m1 + b
2nd Order	Area = m1*Amt + m2((Amt)^2) + b

JUN 15 2006

FORM VIA PCB

6B

PCB INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo Contract:

Instrument: HP5890-12 B Date(s) Analyzed:

Column: ZB-5 06/11/2006 to 06/11/2006

	LEVEL					INITIAL	WINDOW
COMPOUND	A	C	E	AVE RT	WINDOW (+/-)	From	To
TMX	1.60	1.60	1.60	1.60	0.08	1.52	1.68
AR1016-A	1.96	1.96	1.96	1.96	0.08	1.88	2.04
AR1016-B	2.25	2.25	2.25	2.25	0.08	2.17	2.33
AR1016-C	2.54	2.54	2.54	2.54	0.08	2.46	2.62
AR1016-D	2.64	2.64	2.64	2.64	0.08	2.56	2.72
AR1260-A	4.51	4.51	4.51	4.51	0.08	4.43	4.59
AR1260-B	4.64	4.64	4.64	4.64	0.08	4.56	4.72
AR1260-C	5.25	5.25	5.25	5.25	0.08	5.17	5.33
AR1260-D	5.31	5.31	5.31	5.31	0.08	5.23	5.39
DCBP	5.79	5.78	5.78	5.78	0.08	5.70	5.86

JUN 13 2006

PCB SINGLE POINT CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo

Instrument: HP5890-12 B Date(s) Analyzed:

Column: ZB-5 06/11/2006 to 06/11/2006

	LEVEL (ng/ul)				
COMPOUND	0.5				
	Area	Calibration Factor	File ID:	Date	Time
AR1221	170139	340278	H:\TURBO6\5890-12\12B45153.raw	06/11/2006	14:51
AR1232	110604	221208	H:\TURBO6\5890-12\12B45155.raw	06/11/2006	15:30
AR1242	389841	779682	H:\TURBO6\5890-12\12B45157.raw	06/11/2006	16:10
AR1248	529343	1058686	H:\TURBO6\5890-12\12B45159.raw	06/11/2006	16:49
AR1254	694272	1388544	H:\TURBO6\5890-12\12B45161.raw	06/11/2006	17:28

JUN 13 2006

FORM VIA PCB

6B

PCB INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo

Instrument: HP5890-12 B Date(s) Analyzed:

Column: ZB-5 06/11/2006 to 06/11/2006

			INITIAL	WINDOW
COMPOUND	Retention Time	WINDOW (+/-)	From	To
AR1221-A	1.34	0.08	1.26	1.42
AR1221-B	1.55	0.08	1.47	1.63
AR1221-C	1.82	0.08	1.74	1.90
AR1221-D	1.96	0.08	1.88	2.04
AR1232-A	1.73	0.08	1.65	1.81
AR1232-B	1.82	0.08	1.74	1.90
AR1232-C	1.91	0.08	1.83	1.99
AR1232-D	1.96	0.08	1.88	2.04
AR1242-A	1.96	0.08	1.88	2.04
AR1242-B	2.25	0.08	2.17	2.33
AR1242-C	2.54	0.08	2.46	2.62
AR1242-D	2.64	0.08	2.56	2.72
AR1248-A	2.98	0.08	2.90	3.06
AR1248-B	3.07	0.08	2.99	3.15
AR1248-C	3.20	0.08	3.12	3.28
AR1248-D	3.24	0.08	3.16	3.32
AR1254-A	3.71	0.08	3.63	3.79
AR1254-B	3.83	0.08	3.75	3.91
AR1254-C	3.94	0.08	3.86	4.02
AR1254-D	4.23	0.08	4.15	4.31

JUN 1 2 2006

FORM VIB PCB

7A

CONFIRMATION COLUMN

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-12 A ICAL Date(s) Analyzed:

Column: ZB-35 06/11/2006 to: 06/11/2006

CCV ID: ICM66NK Date/Time: 06/20/2006 12:12

FILE ID: H:\TURBO6\5890-12\12A46097.raw

		DAILY	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.89	1.81	1.97	0.0212	0.0300	-29.2 *
AR1016	2.74	2.66	2.82	0.3835	0.500	-23.3 *
AR1260	4.90	4.82	4.98	0.3731	0.500	-25.4 *
DCBP	6.10	6.02	6.18	0.0238	0.0300	-20.8 *

Ave %D = 24.7

* Value >15.0% Difference

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-12 B ICAL Date(s) Analyzed:

Column: ZB-5 06/11/2006 to: 06/11/2006

CCV ID: ICM66NK Date/Time: 06/20/2006 12:12

FILE ID: H:\TURBO6\5890-12\12B46097.raw

		DAILY	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.60	1.52	1.68	0.0304	0.0300	1.2
AR1016	2.53	2.45	2.61	0.4734	0.500	-5.3
AR1260	4.64	4.56	4.72	0.5024	0.500	0.5
DCBP	5.78	5.70	5.86	0.0296	0.0300	-1.5

Ave %D = 2.1

* Value >15.0% Difference

CONFIRMATION
COLUMN

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-12 A ICAL Date(s) Analyzed:

Column: ZB-35 06/11/2006 to: 06/11/2006

CCV ID: ICM54VE Date/Time: 06/20/2006 12:32

FILE ID: H:\TURBO6\5890-12\12A46098.raw

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.89	1.81	1.97	0.0211	0.0300	-29.6 *
AR1254	4.06	3.98	4.14	0.3696	0.500	-26.1 *
DCBP	6.10	6.02	6.18	0.0237	0.0300	-21.0 *

Ave %D = 25.5

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-12 B ICAL Date(s) Analyzed:

Column: ZB-5 06/11/2006 to: 06/11/2006

CCV ID: ICM54VE Date/Time: 06/20/2006 12:32

FILE ID: H:\TURBO6\5890-12\12B46098.raw

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.60	1.52	1.68	0.0310	0.0300	3.3
AR1254	3.83	3.75	3.91	0.4996	0.500	-0.1
DCBP	5.78	5.70	5.86	0.0297	0.0300	-1.2

Ave %D = 1.5

* Value >15.0% Difference

CONFIRMATION COLUMN

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-12 A ICAL Date(s) Analyzed:

Column: ZB-35 06/11/2006 to: 06/11/2006

CCV ID: ICM66NK Date/Time: 06/20/2006 17:07

FILE ID: H:\TURBO6\5890-12\12A46110.raw

		DAILY WINDOW		Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.89	1.81	1.97	0.0219	0.0300	-27.2 *
AR1016	2.74	2.66	2.82	0.3965	0.500	-20.7 *
AR1260	4.89	4.81	4.97	0.3903	0.500	-21.9 *
DCBP	6.10	6.02	6.18	0.0248	0.0300	-17.2 *

Ave %D = 21.7

* Value >15.0% Difference

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-12 B ICAL Date(s) Analyzed:

Column: ZB-5 06/11/2006 to: 06/11/2006

CCV ID: ICM66NK Date/Time: 06/20/2006 17:07

FILE ID: H:\TURBO6\5890-12\12B46110.raw

		DAILY	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.60	1.52	1.68	0.0311	0.0300	3.7
AR1016	2.53	2.45	2.61	0.5306	0.500	6.1
AR1260	4.64	4.56	4.72	0.5146	0.500	2.9
DCBP	5.78	5.70	5.86	0.0311	0.0300	3.5

Ave %D = 4.1

* Value >15.0% Difference

CONFIRMATION COLUMN

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-12 A ICAL Date(s) Analyzed:

Column: ZB-35 06/11/2006 to: 06/11/2006

CCV ID: ICM54VE Date/Time: 06/20/2006 21:04

FILE ID: H:\TURBO6\5890-12\12A46122.raw

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.89	1.81	1.97	0.0217	0.0300	-27.8 *
AR1254	4.06	3.98	4.14	0.3793	0.500	-24.1 *
DCBP	6.10	6.02	6.18	0.0239	0.0300	-20.2 *

Ave %D = 24.0

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-12 B ICAL Date(s) Analyzed:

Column: ZB-5 06/11/2006 to: 06/11/2006

CCV ID: ICM54VE Date/Time: 06/20/2006 21:04

FILE ID: H:\TURBO6\5890-12\12B46122.raw

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.60	1.52	1.68	0.0316	0.0300	5.2
AR1254	3.83	3.75	3.91	0.5078	0.500	1.6
DCBP	5.78	5.70	5.86	0.0307	0.0300	2.3

Ave %D = 3.0

* Value >15.0% Difference

CONFIRMATION COLUMN

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-12 A ICAL Date(s) Analyzed:

Column: ZB-35 06/11/2006 to: 06/11/2006

CCV ID: ICM66NK Date/Time: 06/21/2006 01:00

FILE ID: H:\TURBO6\5890-12\12A46134.raw

		DAILY	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.89	1.81	1.97	0.0232	0.0300	-22.6 *
AR1016	2.74	2.66	2.82	0.4150	0.500	-17.0 *
AR1260	4.89	4.81	4.97	0.4383	0.500	-12.3
DCBP	6.09	6.01	6.17	0.0263	0.0300	-12.2

Ave %D = 16.1

* Value >15.0% Difference

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-12 B ICAL Date(s) Analyzed:

Column: ZB-5 06/11/2006 to: 06/11/2006

CCV ID: ICM66NK Date/Time: 06/21/2006 01:00

FILE ID: H:\TURBO6\5890-12\12B46134.raw

		DAILY	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.60	1.52	1.68	0.0325	0.0300	8.4
AR1016	2.53	2.45	2.61	0.5495	0.500	9.9
AR1260	4.64	4.56	4.72	0.5427	0.500	8.5
DCBP	5.78	5.70	5.86	0.0327	0.0300	8.9

Ave %D = 8.9

* Value >15.0% Difference

FORM VII PCB

7A

CONFIRMATION COLUMN

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-12 A ICAL Date(s) Analyzed:

Column: ZB-35 06/11/2006 to: 06/11/2006

CCV ID: ICM66NL Date/Time: 06/28/2006 09:49

FILE ID: H:\TURBO6\5890-12\12A47022.raw

		DAILY	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.89	1.81	1.97	0.0165	0.0300	-45.2 *
AR1016	2.74	2.66	2.82	0.3109	0.500	-37.8 *
AR1260	4.90	4.82	4.98	0.3164	0.500	-36.7 *
DCBP	6.10	6.02	6.18	0.0199	0.0300	-33.6 *

Ave %D = 38.3

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-12 B ICAL Date(s) Analyzed:

Column: ZB-5 06/11/2006 to: 06/11/2006

CCV ID: ICM66NL Date/Time: 06/28/2006 09:49

FILE ID: H:\TURBO6\5890-12\12B47022.raw

		DAILY	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.60	1.52	1.68	0.0317	0.0300	5.6
AR1016	2.53	2.45	2.61	0.5548	0.500	11.0
AR1260	4.64	4.56	4.72	0.5095	0.500	1.9
DCBP	5.78	5.70	5.86	0.0302	0.0300	0.5

Ave %D = 4.7

* Value >15.0% Difference

FORM VII PCB

7A

CONFIRMATION COLUMN

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-12 A ICAL Date(s) Analyzed:

Column: ZB-35 06/11/2006 to: 06/11/2006

CCV ID: ICM54VF Date/Time: 06/28/2006 10:09

FILE ID: H:\TURBO6\5890-12\12A47023.raw

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.89	1.81	1.97	0.0160	0.0300	-46.7 *
AR1254	4.06	3.98	4.14	0.3169	0.500	-36.6 *
DCBP	6.10	6.02	6.18	0.0201	0.0300	-33.0 *

Ave %D = 38.8

* Value >15.0% Difference

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-12 B ICAL Date(s) Analyzed:

Column: ZB-5 06/11/2006 to: 06/11/2006

CCV ID: ICM54VF Date/Time: 06/28/2006 10:09

FILE ID: H:\TURBO6\5890-12\12B47023.raw

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.60	1.52	1.68	0.0321	0.0300	6.9
AR1254	3.83	3.75	3.91	0.5193	0.500	3.9
DCBP	5.78	5.70	5.86	0.0318	0.0300	6.1

Ave %D = 5.6

* Value >15.0% Difference

7A

CONFIRMATION COLUMN

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-12 A ICAL Date(s) Analyzed:

Column: ZB-35 06/11/2006 to: 06/11/2006

CCV ID: ICM54VF Date/Time: 06/28/2006 14:16

FILE ID: H:\TURBO6\5890-12\12A47035.raw

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.89	1.81	1.97	0.0176	0.0300	-41.4 *
AR1254	4.06	3.98	4.14	0.3342	0.500	-33.2 *
DCBP	6.10	6.02	6.18	0.0209	0.0300	-30.3 *

Ave %D = 35.0

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-12 B ICAL Date(s) Analyzed:

Column: ZB-5 06/11/2006 to: 06/11/2006

CCV ID: ICM54VF Date/Time: 06/28/2006 14:16

FILE ID: H:\TURBO6\5890-12\12B47035.raw

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.60	1.52	1.68	0.0322	0.0300	7.4
AR1254	3.83	3.75	3.91	0.5230	0.500	4.6
DCBP	5.78	5.70	5.86	0.0319	0.0300	6.2

Ave %D = 6.1

* Value >15.0% Difference

FORM VII PCB

7A

CONFIRMATION COLUMN

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-12 A ICAL Date(s) Analyzed:

Column: ZB-35 06/11/2006 to: 06/11/2006

CCV ID: ICM66NL Date/Time: 06/28/2006 17:33

FILE ID: H:\TURBO6\5890-12\12A47045.raw

		DAILY WINDOW		Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.89	1.81	1.97	0.0186	0.0300	-37.9 *
AR1016	2.74	2.66	2.82	0.3396	0.500	-32.1 *
AR1260	4.22	4.14	4.30	0.3518	0.500	-29.6 *
DCBP	6.09	6.01	6.17	0.0222	0.0300	-26.0 *

Ave %D = 31.4

* Value >15.0% Difference

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-12 B ICAL Date(s) Analyzed:

Column: ZB-5 06/11/2006 to: 06/11/2006

CCV ID: ICM66NL Date/Time: 06/28/2006 17:33

FILE ID: H:\TURBO6\5890-12\12B47045.raw

		DAILY	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.60	1.52	1.68	0.0327	0.0300	8.9
AR1016	2.53	2.45	2.61	0.5665	0.500	13.3
AR1260	4.64	4.56	4.72	0.5346	0.500	6.9
DCBP	5.78	5.70	5.86	0.0326	0.0300	8.6

Ave %D = 9.4

* Value >15.0% Difference

TotalChrom Method File H:\TURBO6\5890-12\12A-66(06-11-06).mth
Printed by : RudzG on: 06/13/2006 15:59:31
Created by : DelongG on: 06/02/2006 13:20:22
Edited by : RudzG on: 06/13/2006 15:59:28
Number of Times Edited : 13
Number of Times Calibrated : 389
Description: NEW 7 PT 1016/1260 CURVE FOR INST #12 6/2/06

Global Sample Information

Default Sample Volume : 1.000 uL
Quantitation Units : ng
Void Time : 0.000 min
Correct amounts during calibration : Yes
Convert unknowns to concentration units : Yes
Reject outliers during calibration : No

An External Standard calibration will be used
Unknown peaks will be quantitated using a response factor of 1.000000e+06
First peak will be relative retention reference

Processed by: JUN 13 2006
Reviewed by: DJB 6/17/06

Component Information

TMX
Component Type : Single Peak Component
Retention Time : 1.893 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.030000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.020000
Value 6 : -1.000000
Value 7 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt	ISTD Resp.	# Replicates
A	0.0050	71761.57	27849.87	————	————	1
B	0.0100	133730.13	53044.79	————	————	1
C	0.0200	236337.98	94668.18	————	————	1
D	0.0300	362204.61	143296.25	————	————	1
E	0.0400	445628.14	175392.95	————	————	1
F	0.0500	565352.11	214698.77	————	————	1

Calibration Curve : y = (22332.705634) + (10845279.418892)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.997981

AR1016-A
Component Type : Single Peak Component
Retention Time : 2.425 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt	ISTD Resp	# Replicates
a	0.0500	40134.62	10857.90	————	————	1
b	0.1000	70841.27	18959.47	————	————	1
c	0.2500	145189.47	40462.22	————	————	1
d	0.5000	264598.50	72667.16	————	————	1
e	1.0000	463440.36	128049.64	————	————	1
f	2.5000	1030463.49	287001.97	————	————	1
H	0.0250	16695.17	5408.44	————	————	1

Calibration Curve : y = (34396 008480) + (404653 292890)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0 996552

AR1016-B
Component Type : Single Peak Component
Retention Time : 2.555 min
Search Window : 3.00 s, 0 00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100 0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	22724.26	7750.13	———	———	1
b	0.1000	40590.80	13913.47	———	———	1
c	0.2500	85560.38	30036.02	———	———	1
d	0.5000	157309.68	54219.63	———	———	1
e	1.0000	277201.93	95855.71	———	———	1
f	2.5000	625711.27	216919.41	———	———	1
H	0.0250	9595.35	3647.16	———	———	1

Calibration Curve : y = (18448.140255) + (246227.498541)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.997244

AR1016
Component Type : Named Group
Group Members
AR1016-A
AR1016-B
AR1016-C
AR1016-D
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.600000
Value 4 : 0.000000
Value 5 : 0.250000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0 0500	141645.41	46711.81	———	———	1
b	0 1000	257024.97	84200.56	———	———	1
c	0.2500	548689.60	182791.00	———	———	1
d	0 5000	1009987.87	333581.86	———	———	1
e	1.0000	1804417.97	601407.98	———	———	1
f	2.5000	4193316.83	1.43e+06	———	———	1
H	0 0250	63009.38	23204.78	———	———	1

Calibration Curve : y = (100909.973393) + (1652366.603602)x + (0 000000)x^2 + (0.000000)x^3
R-squared : 0 998448

AR1016-C
Component Type : Single Peak Component
Retention Time : 2.739 min
Search Window : 3 00 s, 0 00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	54673.93	18743.60	----------	----------	1
b	0.1000	100337.82	34125.35	----------	----------	1
c	0.2500	222822.61	75533.78	----------	----------	1
d	0.5000	414200.55	139295.12	----------	----------	1
e	1.0000	758262.92	258289.90	----------	----------	1
f	2.5000	1835849.53	645682.06	----------	----------	1
H	0.0250	26518.17	9826.97	----------	----------	1

Calibration Curve : y = (28889.855720) + (725522.380387)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999499

AR1016-D
Component Type : Single Peak Component
Retention Time : 2.814 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	24112.61	9360.18	----------	----------	1
b	0.1000	45255.08	17202.26	----------	----------	1
c	0.2500	95117.15	36758.98	----------	----------	1
d	0.5000	173879.13	67399.95	----------	----------	1
e	1.0000	305512.76	119212.72	----------	----------	1
f	2.5000	701292.55	276399.56	----------	----------	1
h	0.0250	10200.69	4322.21	----------	----------	1

Calibration Curve : y = (19175.968938) + (275963.431785)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.997727

AR1260-A
Component Type : Single Peak Component
Retention Time : 4.216 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find largest peak in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt	ISTD Resp.	# Replicates
a	0.0500	33204.81	9334.42	----------	----------	1
b	0.1000	66669.23	17285.04	----------	----------	1
c	0.2500	167340.70	39729.93	----------	----------	1
d	0.5000	308711.78	73079.79	----------	----------	1
e	1.0000	562662.01	131773.21	----------	----------	1
f	2.5000	1295147.67	309549.42	----------	----------	1
H	0.0250	16453.11	4828.34	----------	----------	1

06/13/2006 15:59:31 Method: H:\TURBO6\5890-12\12A-66(06-11-06) mth

Calibration Curve : y = (25039.848992) + (514104.038531)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.997990

AR1260
Component Type : Named Group
Group Members
AR1260-A
AR1260-B
AR1260-C
AR1260-D
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.600000
Value 4 : 0.000000
Value 5 : 0.250000

Calibration Level

Level Name	Amount	Area	Height	ISTD AmL	ISTD Resp.	# Replicates
a	0.0500	79694.48	25823.76	————	————	1
b	0.1000	157570.47	48702.52	————	————	1
c	0.2500	385029.74	111554.04	————	————	1
d	0.5000	744567.43	206855.35	————	————	1
e	1.0000	1389214.47	379233.91	————	————	1
f	2.5000	3227586.52	895036.86	————	————	1
H	0.0250	37690.94	12898.67	————	————	1

Calibration Curve : y = (47782.020939) + (1285170.600028)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.998654

AR1260-B
Component Type : Single Peak Component
Retention Time : 4.895 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	26196.58	9102.78	————	————	1
b	0.1000	52908.17	17656.57	————	————	1
c	0.2500	129545.32	40171.80	————	————	1
d	0.5000	276611.74	76748.57	————	————	1
e	1.0000	513294.75	142111.64	————	————	1
f	2.5000	1222582.08	345715.33	————	————	1
H	0.0250	14004.63	4975.42	————	————	1

Calibration Curve : y = (10475.539802) + (488545.650216)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999151

AR1260-C
Component Type : Single Peak Component
Retention Time : 5.111 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	14574.79	5276.47	----------	----------	1
b	0.1000	27225.12	9647.52	----------	----------	1
c	0.2500	63620.09	22196.59	----------	----------	1
d	0.5000	117617.19	40563.95	----------	----------	1
e	1.0000	219430.35	74457.77	----------	----------	1
f	2.5000	504749.58	171422.13	----------	----------	1
H	0.0250	4376.00	2025.13	----------	----------	1

Calibration Curve : y = (9201.461688) + (200493.306258)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.998260

AR1260-D
Component Type : Single Peak Component
Retention Time : 5.542 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	5718.30	2110.09	----------	----------	1
b	0.1000	10767.94	4113.39	----------	----------	1
c	0.2500	24523.63	9455.72	----------	----------	1
d	0.5000	41626.71	16463.04	----------	----------	1
e	1.0000	93827.37	30891.30	----------	----------	1
f	2.5000	205107.19	68349.98	----------	----------	1
h	0.0250	2857.20	1069.78	----------	----------	1

Calibration Curve : y = (3065.170457) + (82027.605023)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.996905

DCBP
Component Type : Single Peak Component
Retention Time : 6.096 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.030000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.020000
Value 6 : 0.005000
Value 7 : 1.000000

Calibration Level

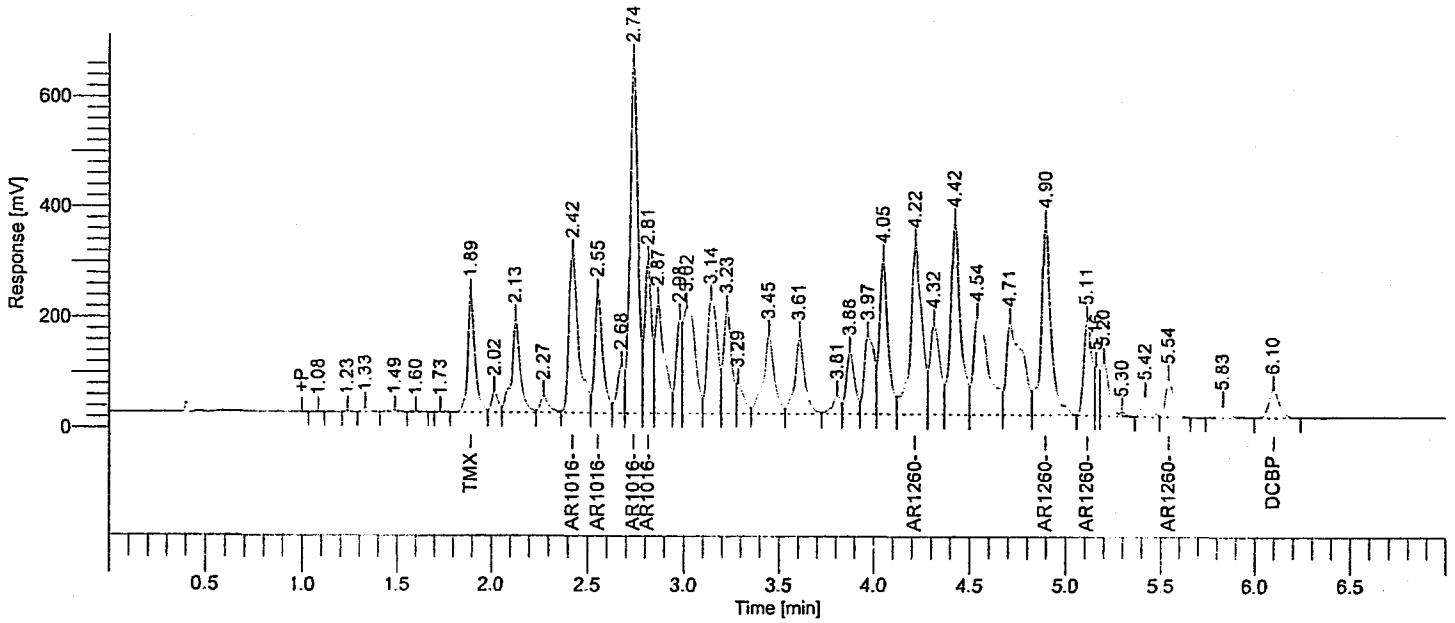
Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	25541.16	7048.31	----------	----------	1
B	0.0100	48798.59	13243.22	----------	----------	1
C	0.0200	90262.99	23850.71	----------	----------	1
D	0.0300	137400.00	35175.60	----------	----------	1
E	0.0400	162229.41	42231.18	----------	----------	1
F	0.0500	198786.96	51590.80	----------	----------	1

06/13/2006 15:59:31 Method: H:\TURBO6\5890-12\12A-66(06-11-06).mth

Calibration Curve : y = (11244.036777) + (3842289.684734)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.992205

Software Version	: 6.2.1.0 104:0104	Date	: 06/13/2006 15:47.54
Reprocess Number	: buf23: 892		
Operator	: tchrom	Sample Name	: ICM66NC
Sample Number	: 2 5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1 000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/11/2006 18:08:25	Cycle	: 11

Raw Data File : H:\TURBO6\5890-12\12A45163.raw <Modified>
Result File : H:\TURBO6\5890-12\12A45163.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A45163.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A45163.rst
Calib Method : h:\turbo6\5890-12\12a-66(06-11-06).mth from H:\TURBO6\5890-12\12A45163.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D45.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
7	1.89	VV	565352	TMX	0 0500	——	0
	2.74		4193317	AR1016	2.5000	0.6250	4
	4.90		3227587	AR1260	2.5000	0.6250	4
41	6.10	VB	198787	DCBP	0.0500	——	0
			8185042			1.2500	

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
11	2.42	VV	1030463	AR1016-A	2.5000	0 6250	4
12	2 55	VV	625711	AR1016-B	2.5000	0.6250	4
14	2.74	VV	1835850	AR1016-C	2 5000	0.6250	4
15	2.81	VV	701293	AR1016-D	2.5000	0.6250	4
			4193317			2 5000	

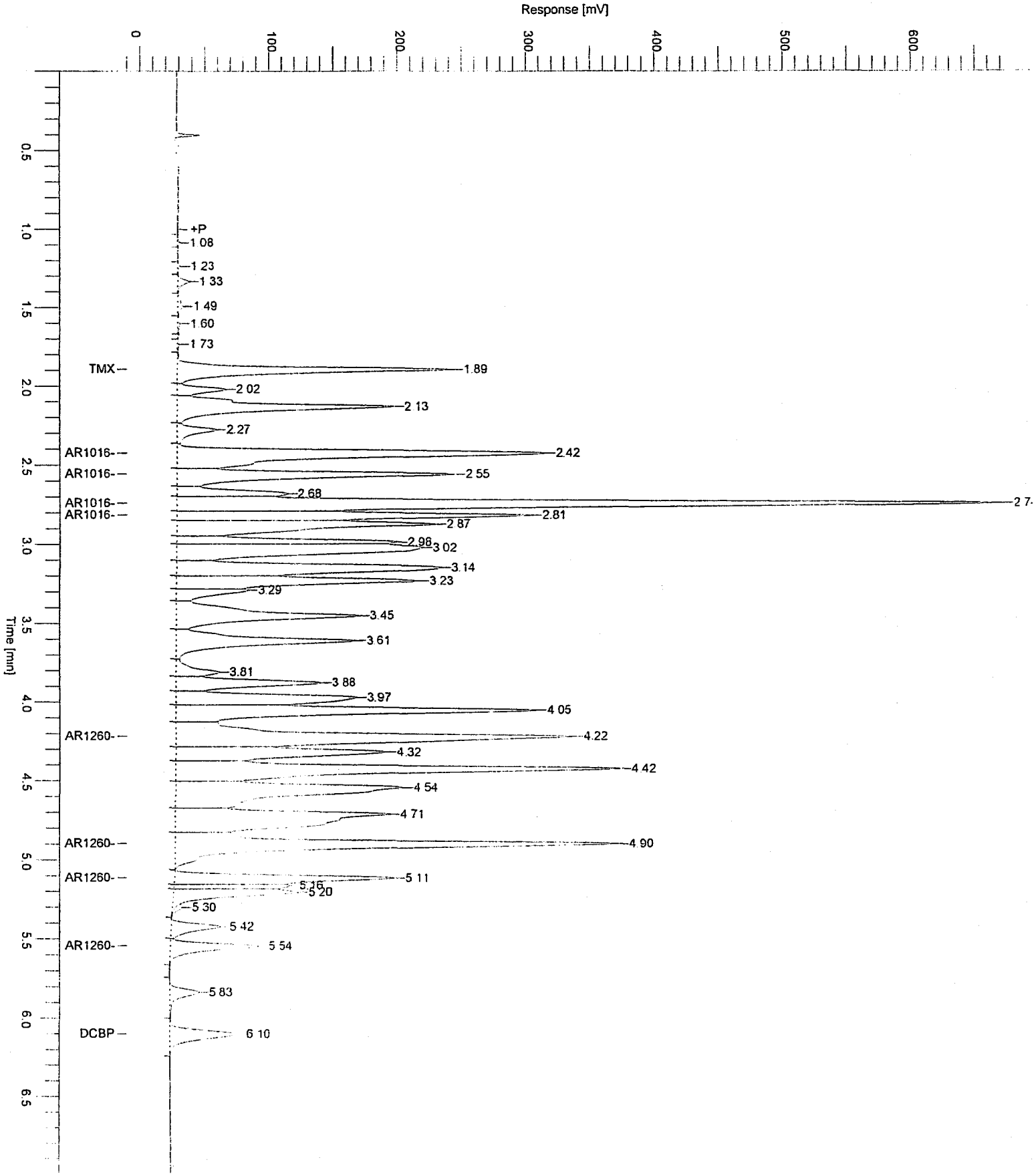
JUN 13 2006

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
28	4.22	VV	1295148	AR1260-A	2.5000	0.6250	4
33	4.90	VB	1222582	AR1260-B	2 5000	0.6250	4
34	5.11	BV	504750	AR1260-C	2.5000	0.6250	4
39	5.54	VB	205107	AR1260-D	2 5000	0.6250	4
			3227587			2.5000	

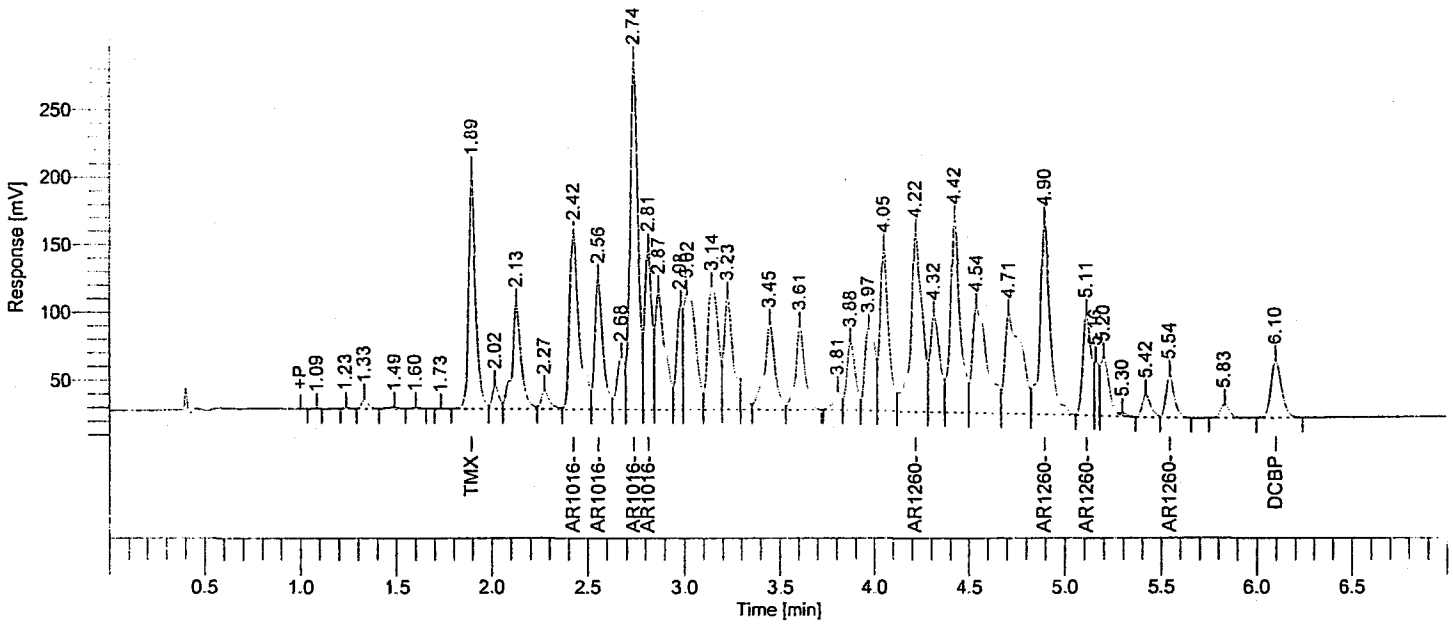
Chromatogram

Sample Name : ICM66NC Sample #: 2 5NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12A45163 raw
Date : 06/13/2006 15:47:55
Method : 12DINS Time of Injection: 06/11/2006 18:08:25
Start Time : 0 00 min End Time : 7 00 min Low Point : -10 06 mV High Point : 672.25 mV
Scale Factor: 1.0 Plot Offset: -10 06 mV Plot Scale: 682.3 mV



Software Version	: 6 2 1 0 104:0104	Date	: 06/13/2006 15:48:00
Reprocess Number	: buf23: 894		
Operator	: tchrom	Sample Name	: ICM66ND
Sample Number	: 1 0NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7 00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000 000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/11/2006 18:28:07	Cycle	: 12

Raw Data File : H:\TURBO6\5890-12\12A45164.raw <Modified>
Result File : H:\TURBO6\5890-12\12A45164.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A45164.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A45164.rst
Calib Method : h:\turbo6\5890-12\12a-66(06-11-06).mth from H:\TURBO6\5890-12\12A45164.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D45.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
7	1.89	VV	445628	TMX	0.0400	——	0
	2.74		1804418	AR1016	1.0000	0.2500	4
	4.90		1389214	AR1260	1.0000	0.2500	4
40	6.10	VB	162229	DCBP	0.0400	——	0
			3801490			0.5000	

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
11	2.42	VV	463440	AR1016-A	1.0000	0.2500	4
12	2.56	VV	277202	AR1016-B	1.0000	0.2500	4
14	2.74	VV	758263	AR1016-C	1.0000	0.2500	4
15	2.81	VV	305513	AR1016-D	1.0000	0.2500	4
			1804418			1.0000	

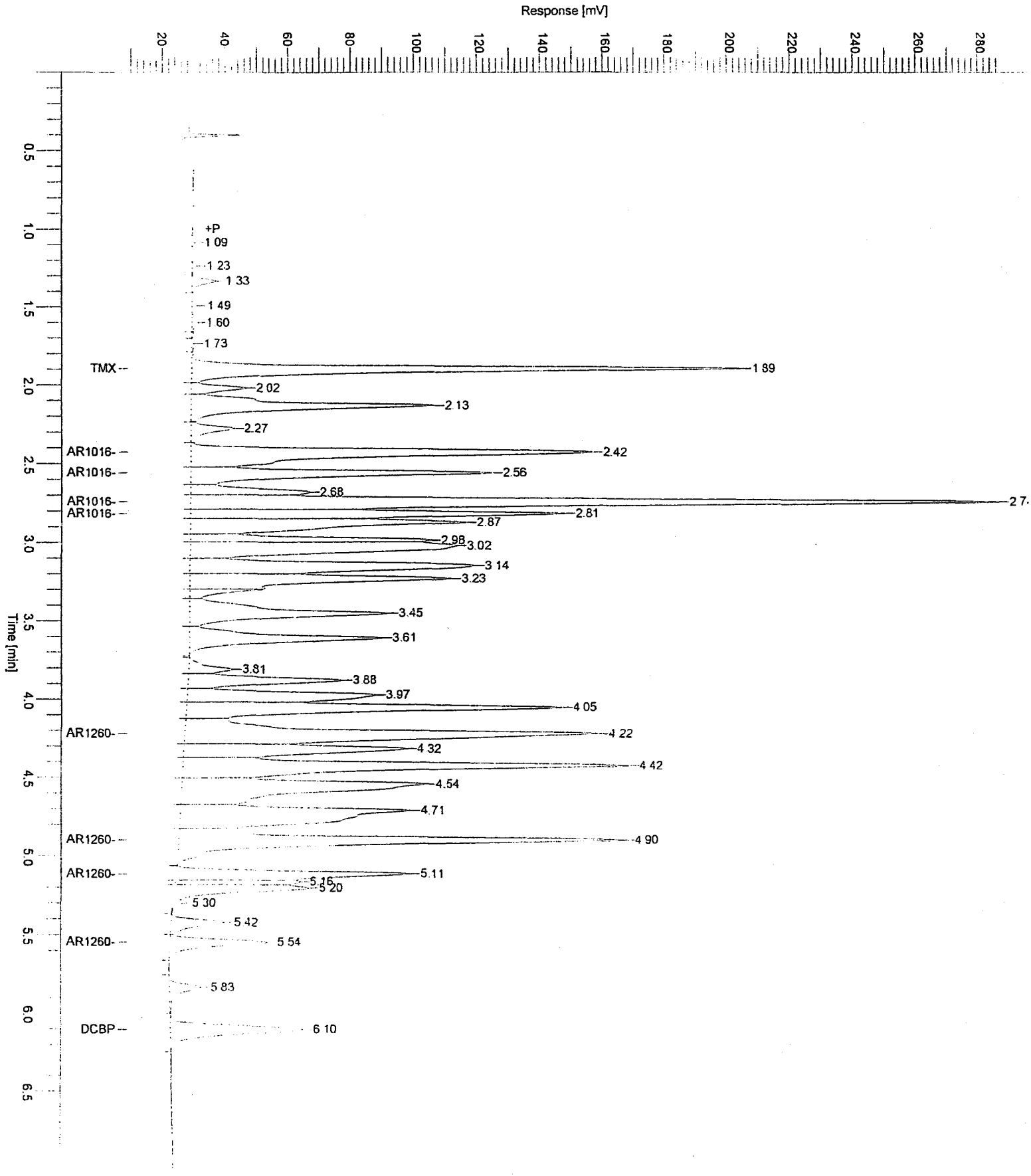
JUN 13 2006

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
27	4.22	VV	562662	AR1260-A	1.0000	0.2500	4
32	4.90	VB	513295	AR1260-B	1.0000	0.2500	4
33	5.11	BV	219430	AR1260-C	1.0000	0.2500	4
38	5.54	VB	93827	AR1260-D	1.0000	0.2500	4
			1389214			1.0000	

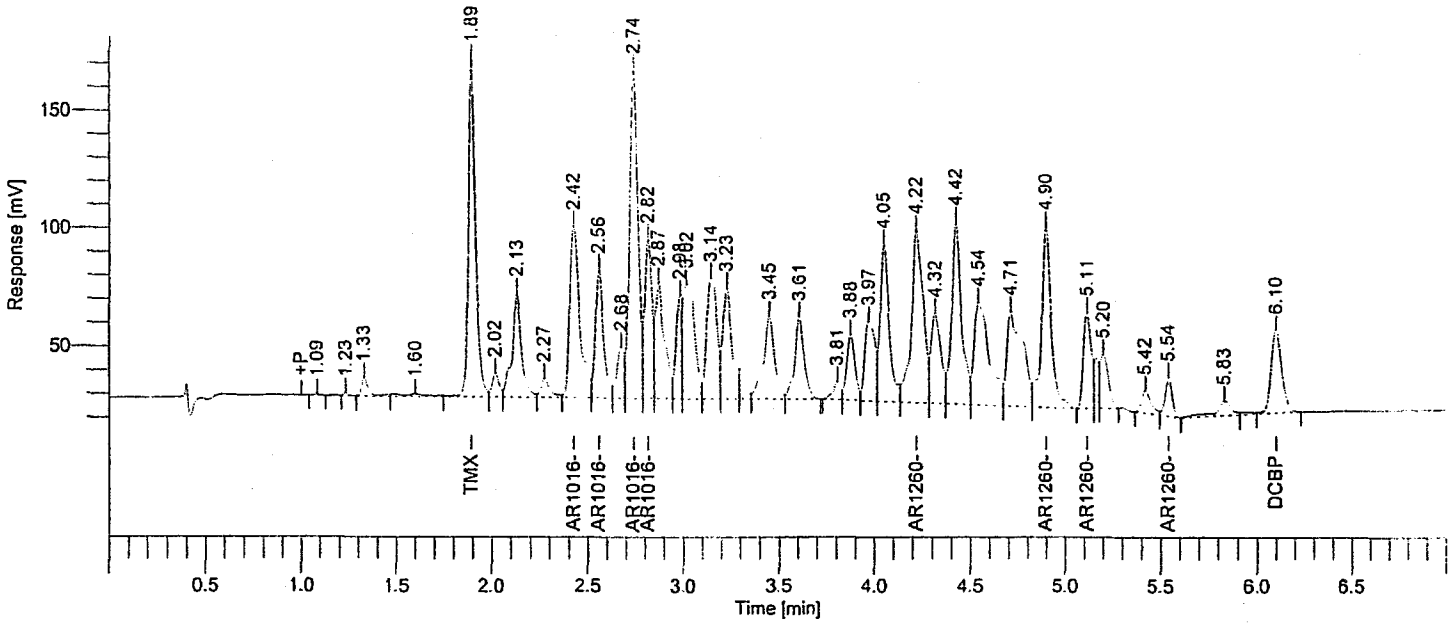
Chromatogram

Sample Name : ICM66ND Sample #: 1 0NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12A45164.raw
Date : 06/13/2006 15:48:00
Method : 12DINS Time of Injection: 06/11/2006 18:28:07
Start Time : 0.00 min End Time : 7.00 min Low Point : 9.01 mV High Point : 287 00 mV
Scale Factor: 1.0 Plot Offset: 9 01 mV Plot Scale: 278.0 mV



Software Version	: 6 2.1.0.104:0104	Date	: 06/13/2006 15:48:05
Reprocess Number	: buf23: 896		
Operator	: tchrom	Sample Name	: ICM66NK
Sample Number	: 0 5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000 000000
Sample Amount	: 1.0000	Dilution Factor	: 1 00
Data Acquisition Time	: 06/11/2006 18:47:50	Cycle	: 13

Raw Data File : H:\TURBO6\5890-12\12A45165.raw <Modified>
Result File : H:\TURBO6\5890-12\12A45165.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A45165.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A45165 rst
Calib Method : h:\turbo6\5890-12\12a-66(06-11-06).mth from H:\TURBO6\5890-12\12A45165.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D45.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
5	1.89	VV	362205	TMX	0.0300	——	0
	2.74		1009988	AR1016	0.5000	0.1250	4
	4.90		744567	AR1260	0.5000	0.1250	4
36	6.10	VB	137400	DCBP	0.0300	——	0
			2254160			0.2500	

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
9	2.42	VV	264599	AR1016-A	0 5000	0 1250	4
10	2.56	VV	157310	AR1016-B	0 5000	0 1250	4
12	2.74	VV	414201	AR1016-C	0.5000	0 1250	4
13	2.82	VV	173879	AR1016-D	0.5000	0 1250	4
			1009988			0.5000	

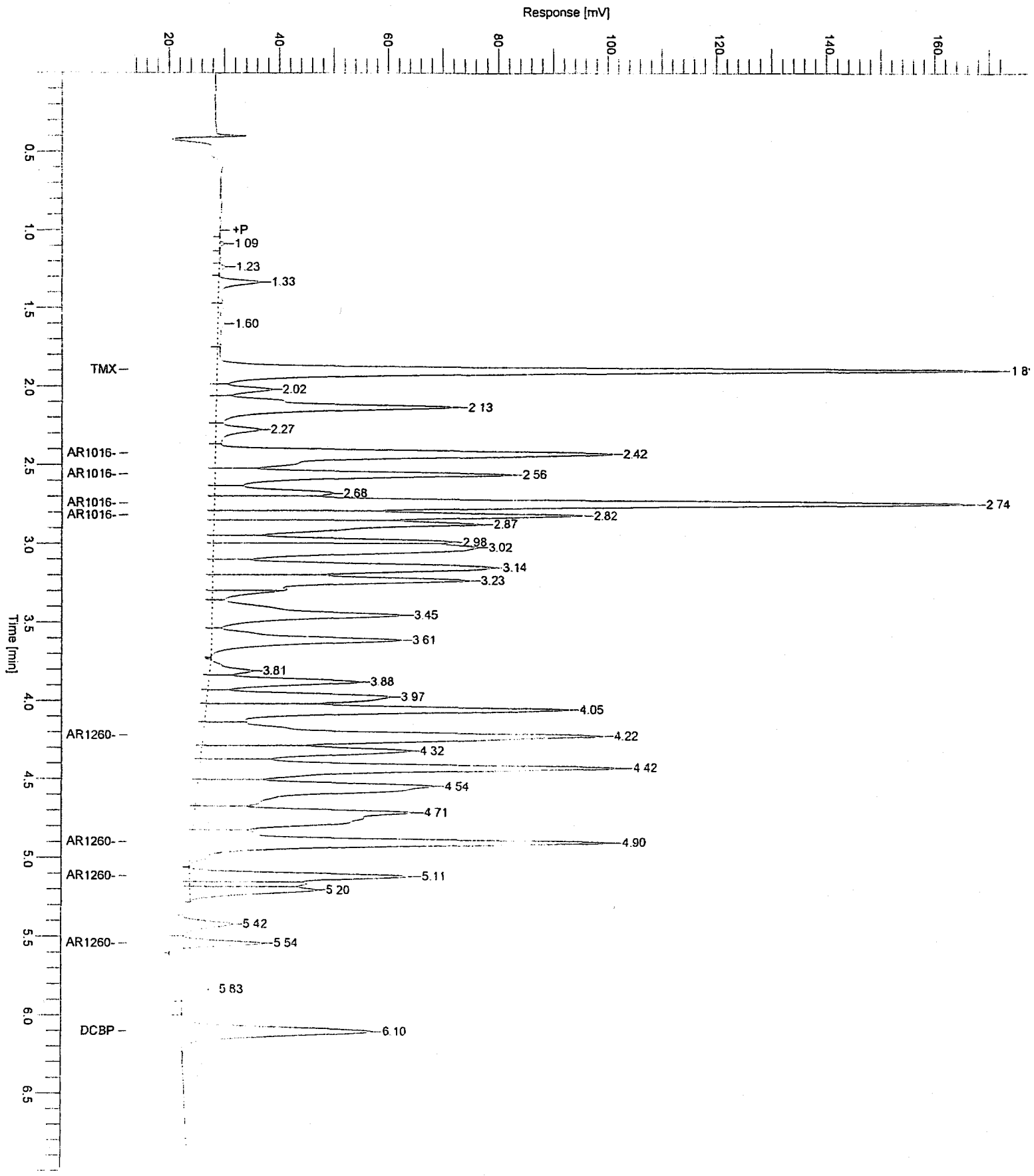
JUN 13 2006

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
25	4.22	VV	308712	AR1260-A	0.5000	0.1250	4
30	4.90	VB	276612	AR1260-B	0.5000	0.1250	4
31	5.11	BV	117617	AR1260-C	0.5000	0.1250	4
34	5.54	VB	41627	AR1260-D	0.5000	0 1250	4
			744567			0.5000	

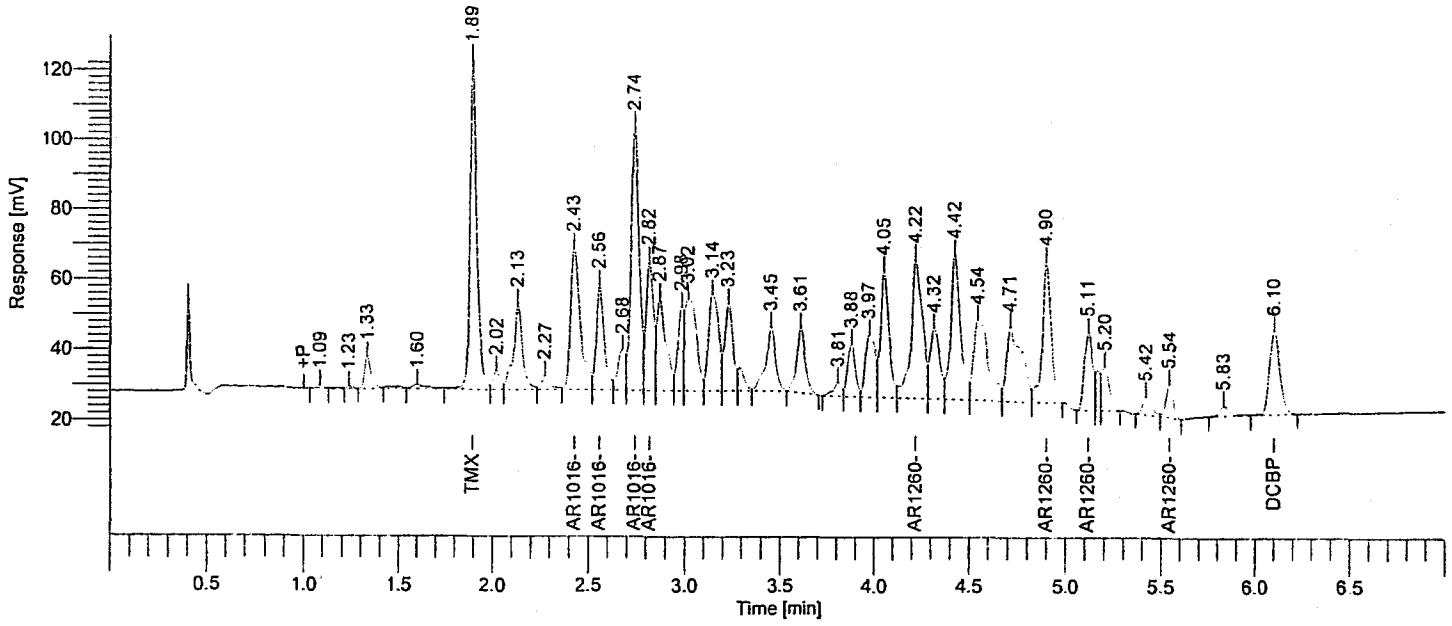
Chromatogram

Sample Name : ICM66NK Sample #. 0.5NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12A45165 raw
Date : 06/13/2006 15:48:05
Method . 12DINS Time of Injection: 06/11/2006 18:47:50
Start Time : 0.00 min End Time : 7.00 min Low Point : 12 58 mV High Point : 172 07 mV
Scale Factor: 1.0 Plot Offset: 12.58 mV Plot Scale: 159 5 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/13/2006 15:48:10
Reprocess Number	: buf23: 898		
Operator	: tchrom	Sample Name	: ICM66NE
Sample Number	: 0.25NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/11/2006 19:07:30	Cycle	: 14

Raw Data File : H:\TURBO6\5890-12\12A45166.raw <Modified>
Result File : H:\TURBO6\5890-12\12A45166.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A45166.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A45166.rst
Calib Method : h:\turbo6\5890-12\12a-66(06-11-06).mth from H:\TURBO6\5890-12\12A45166.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D45.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
5	1.89	VV	236338	TMX	0.0200	——	0
	2.74		548690	AR1016	0.2500	0.0625	4
	4.90		385030	AR1260	0.2500	0.0625	4
36	6.10	VB	90263	DCBP	0.0200	——	0
			1260320			0.1250	

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
9	2.43	VV	145189	AR1016-A	0.2500	0.0625	4
10	2.56	VV	85560	AR1016-B	0.2500	0.0625	4
12	2.74	VV	222823	AR1016-C	0.2500	0.0625	4
13	2.82	VV	95117	AR1016-D	0.2500	0.0625	4
			548690			0.2500	

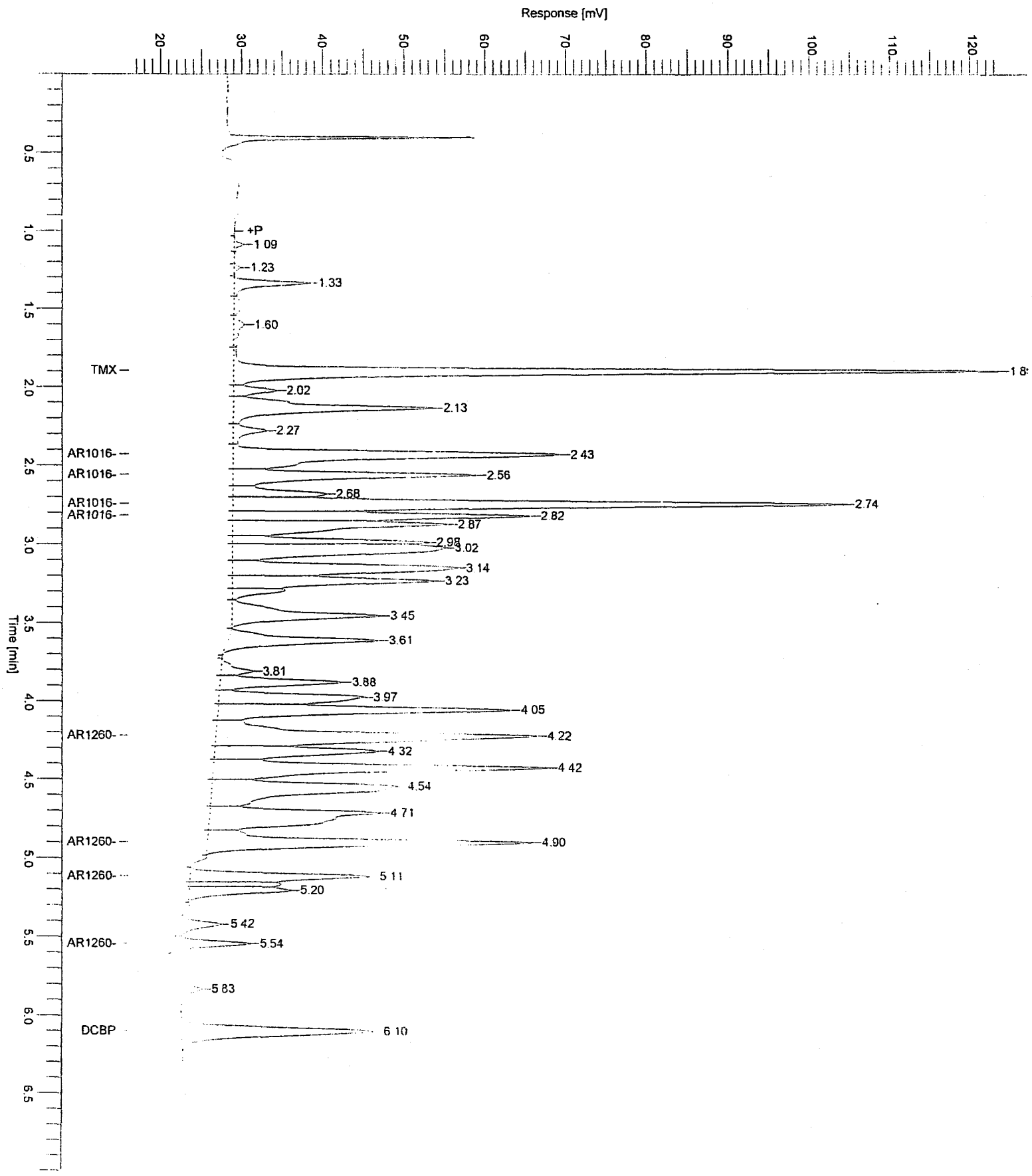
JUN 13 2006

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc	AVG NG CONC (5pts)	# PEAKS USED
25	4.22	VV	167341	AR1260-A	0.2500	0.0625	4
30	4.90	VB	129545	AR1260-B	0.2500	0.0625	4
31	5.11	BV	63620	AR1260-C	0.2500	0.0625	4
34	5.54	VB	24524	AR1260-D	0.2500	0.0625	4
			385030			0.2500	

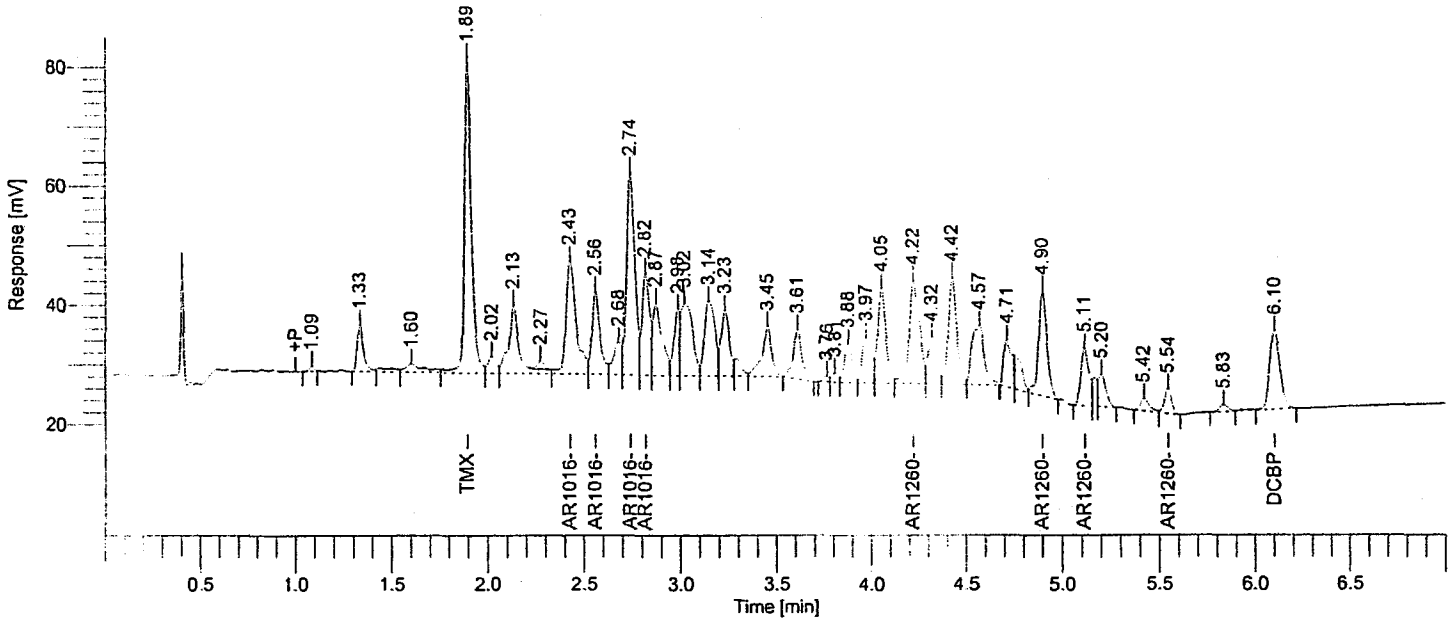
Chromatogram

Sample Name : ICM66NE Sample #: 0.25NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12A45166.raw
Date : 06/13/2006 15:48:10
Method : 12DINS Time of Injection: 06/11/2006 19:07:30
Start Time : 0.00 min End Time : 7.00 min Low Point : 16.10 mV High Point : 123.68 mV
Scale Factor: 1.0 Plot Offset: 16.10 mV Plot Scale: 107.6 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/13/2006 15:48:14
Reprocess Number	: buf23; 900		
Operator	: tchrom	Sample Name	: ICM66NF
Sample Number	: 0.1NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/11/2006 19:27:15	Cycle	: 15

Raw Data File : H:\TURBO6\5890-12\12A45167.raw <Modified>
Result File : H:\TURBO6\5890-12\12A45167.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A45167.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A45167.rst
Calib Method : h:\turbo6\5890-12\12a-66(06-11-06).mth from H:\TURBO6\5890-12\12A45167.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D45.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
4	1.89	VV	133730	TMX	0.0100	——	0
	2.74		257025	AR1016	0.1000	0.0250	4
	4.90		157570	AR1260	0.1000	0.0250	4
36	6.10	VB	48799	DCBP	0.0100	——	0
			597124			0.0500	

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
8	2.43	VV	70841	AR1016-A	0.1000	0.0250	4
9	2.56	VV	40591	AR1016-B	0.1000	0.0250	4
11	2.74	VV	100338	AR1016-C	0.1000	0.0250	4
12	2.82	VV	45255	AR1016-D	0.1000	0.0250	4
			257025			0.1000	

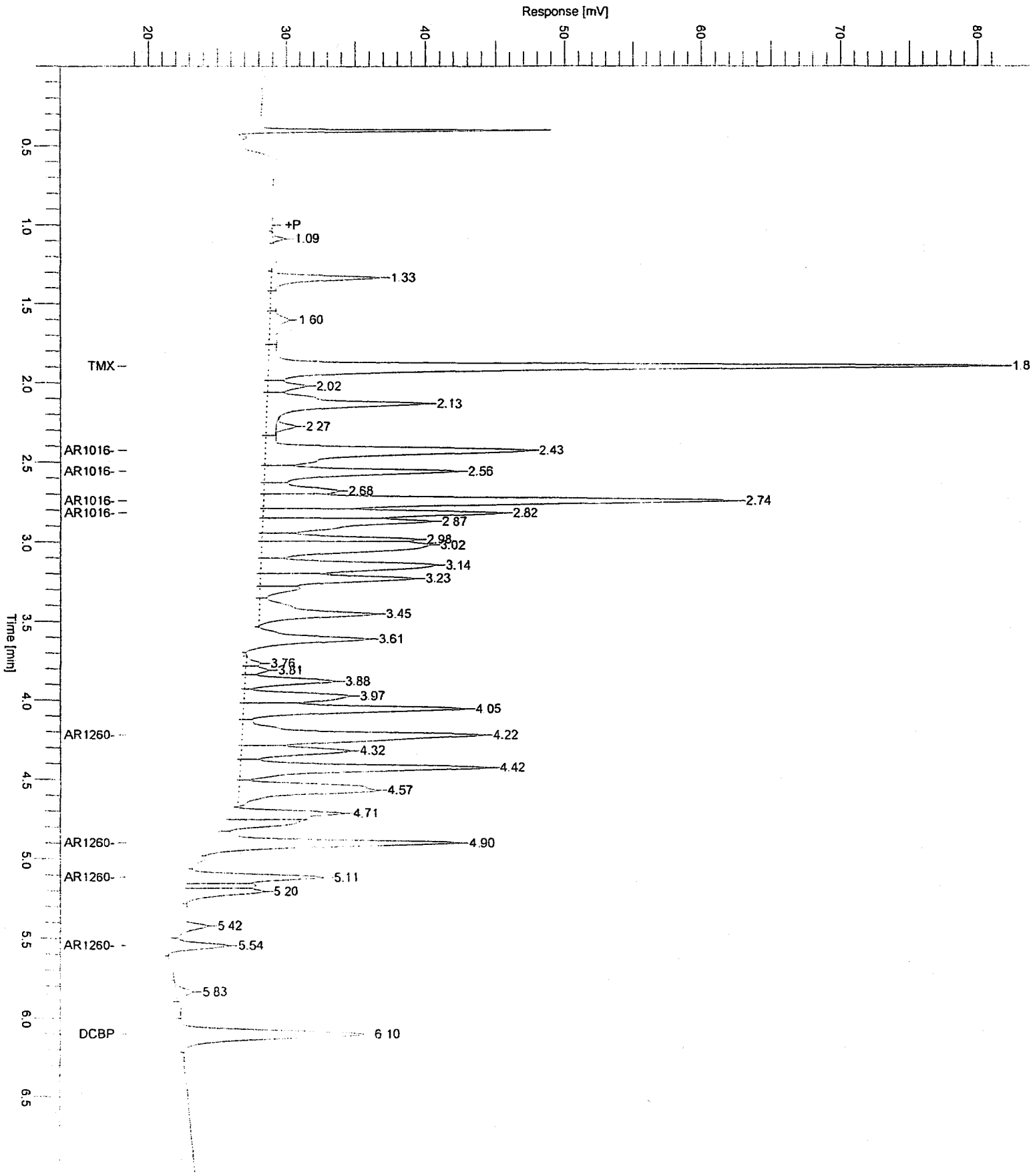
JUN 13 2006

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
25	4.22	VV	66669	AR1260-A	0.1000	0.0250	4
30	4.90	VB	52908	AR1260-B	0.1000	0.0250	4
31	5.11	BV	27225	AR1260-C	0.1000	0.0250	4
34	5.54	VB	10768	AR1260-D	0.1000	0.0250	4
			157570			0.1000	

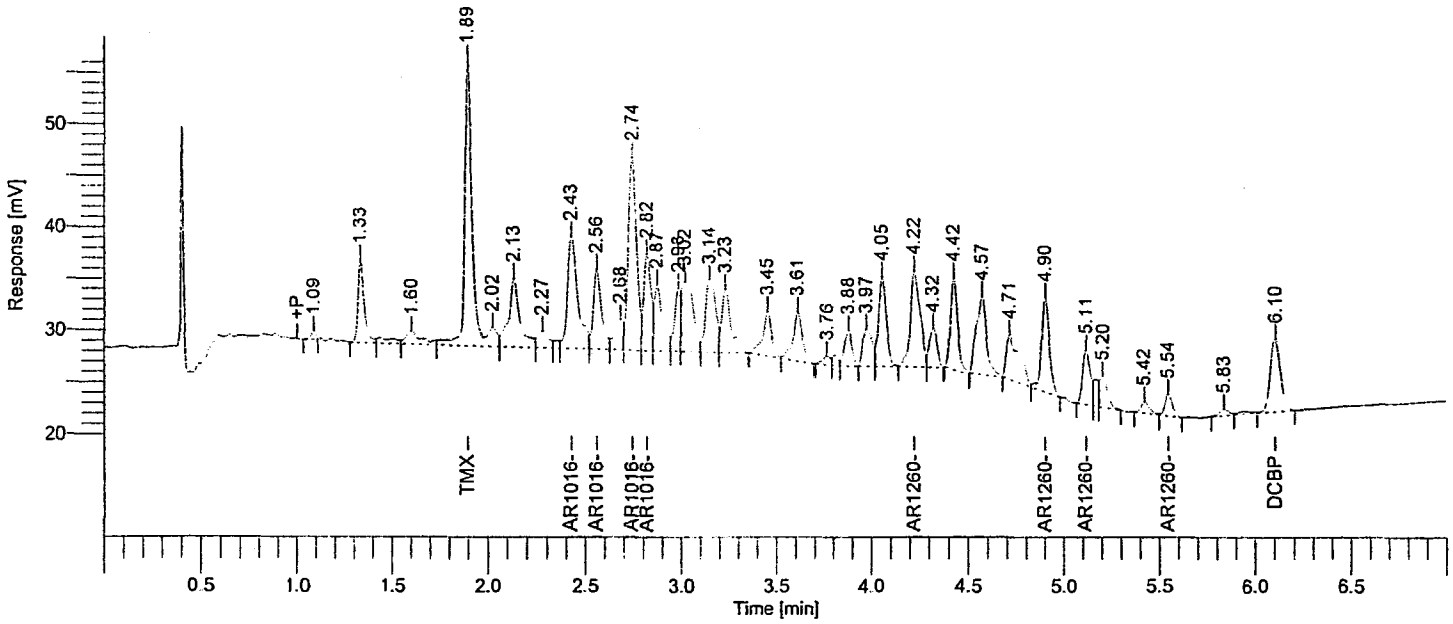
Chromatogram

Sample Name : ICM66NF Sample #: 0 1NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12A45167.raw
Date : 06/13/2006 15:48:15
Method : 12DINS Time of Injection: 06/11/2006 19:27:15
Start Time : 0 00 min End Time : 7 00 min Low Point : 18.43 mV High Point : 81.69 mV
Scale Factor: 1 0 Plot Offset: 18 43 mV Plot Scale: 63.3 mV



Software Version	: 6 2 1 0 104:0104	Date	: 06/13/2006 15:48:19
Reprocess Number	: buf23: 902		
Operator	: tchrom	Sample Name	: ICM66NG
Sample Number	: 0 05NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/11/2006 19:46:58	Cycle	: 16

Raw Data File : H:\TURBO6\5890-12\12A45168.raw <Modified>
Result File : H:\TURBO6\5890-12\12A45168.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A45168 raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A45168 rst
Calib Method : h:\turbo6\5890-12\12a-66(06-11-06).mth from H:\TURBO6\5890-12\12A45168.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D45.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
4	1.89	VE	71762	TMX	0.0050	——	0
	2.74		141645	AR1016	0.0500	0.0125	4
	4.22		79694	AR1260	0.0500	0.0125	4
35	6.10	VB	25541	DCBP	0.0050	——	0
			318643			0.0250	

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
8	2.43	VV	40135	AR1016-A	0.0500	0.0125	4
9	2.56	VV	22724	AR1016-B	0.0500	0.0125	4
11	2.74	VV	54674	AR1016-C	0.0500	0.0125	4
12	2.82	VV	24113	AR1016-D	0.0500	0.0125	4
			141645			0.0500	

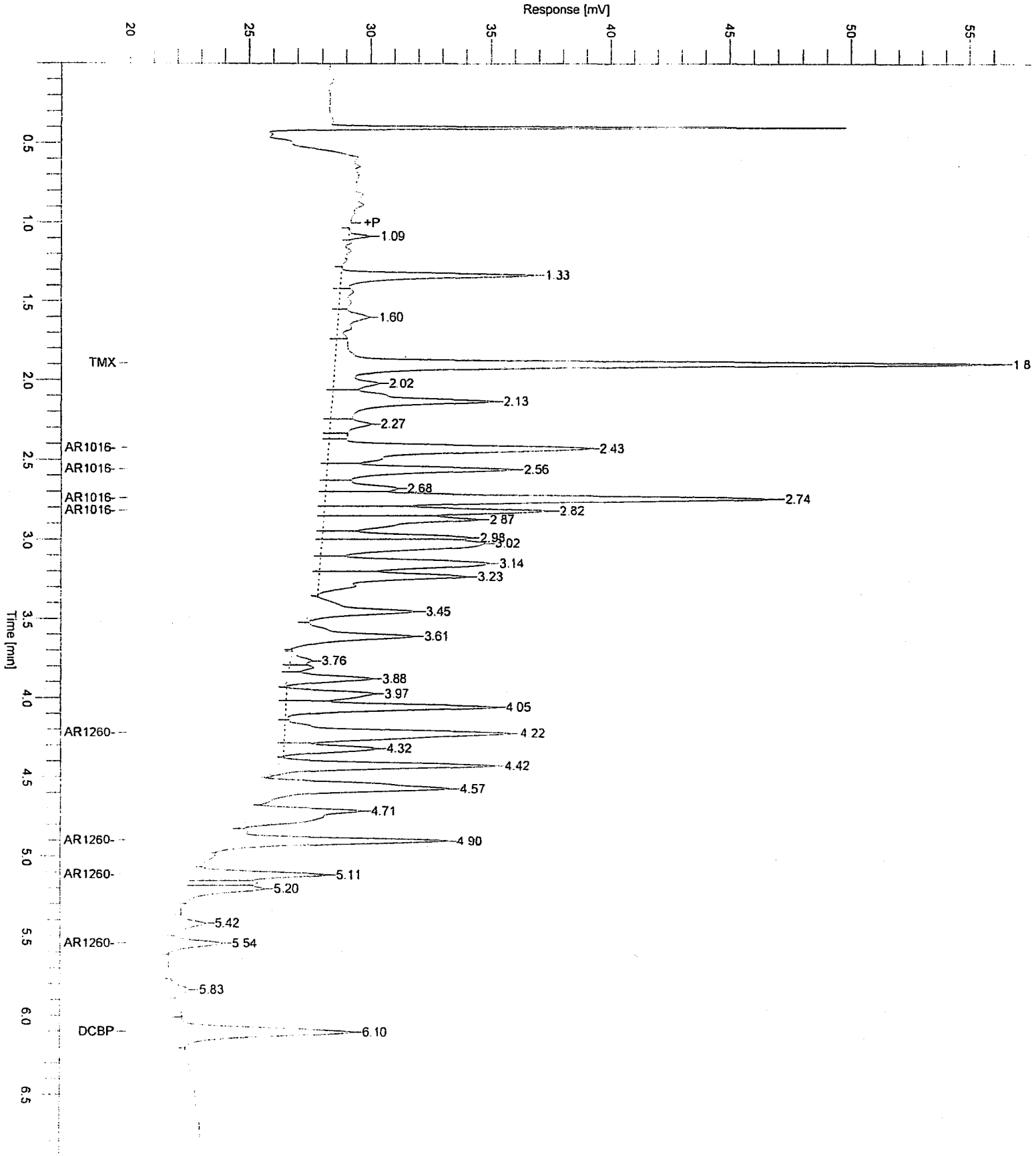
JUN 13 2006

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
24	4.22	VV	33205	AR1260-A	0.0500	0.0125	4
29	4.90	VB	26197	AR1260-B	0.0500	0.0125	4
30	5.11	BV	14575	AR1260-C	0.0500	0.0125	4
33	5.54	VB	5718	AR1260-D	0.0500	0.0125	4
			79694			0.0500	

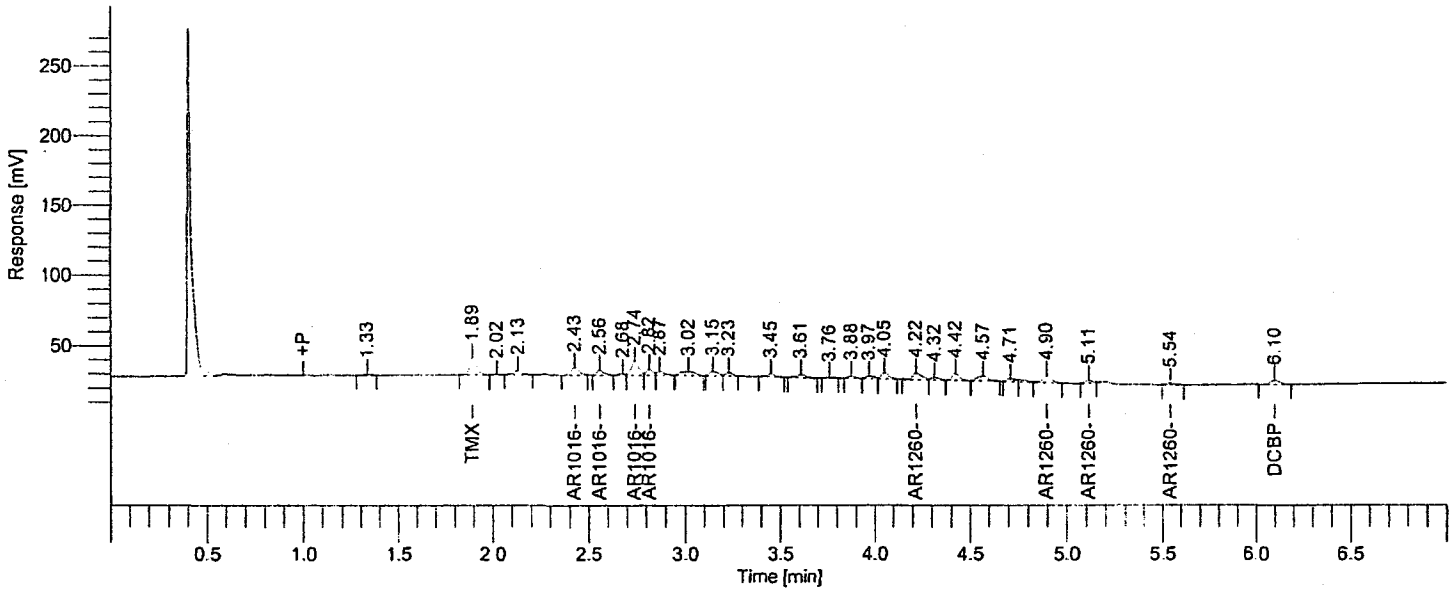
Chromatogram

Sample Name : ICM66NG Sample #: 0 05NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12A45168.raw
Date : 06/13/2006 15.48 19
Method : 12DINS Time of Injection: 06/11/2006 19:46:58
Start Time : 0.00 min End Time : 7.00 min Low Point : 19 91 mV High Point : 56 34 mV
Scale Factor: 1 0 Plot Offset: 19.91 mV Plot Scale: 36 4 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/13/2006 15:48:22
Reprocess Number	: buf23: 904		
Operator	: tchrom	Sample Name	: ICM66NE
Sample Number	: 0.025NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/11/2006 20:06:42	Cycle	: 17

Raw Data File : H:\TURBO6\5890-12\12A45169.raw <Modified>
Result File : H:\TURBO6\5890-12\12A45169.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A45169.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A45169.rst
Calib Method : h:\turbo6\5890-12\12a-66(06-11-06).mth from H:\TURBO6\5890-12\12A45169.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D45.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
2	1.89	BB	27878	TMX	0.0015	——	0
	2.74		63009	AR1016	0.0250	0.0063	4
	4.90		37691	AR1260	0.0250	0.0063	4
28	6.10	BB	10443	DCBP	0.0018	——	0
			139022			0.0125	

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
5	2.43	BV	16695	AR1016-A	0.0250	0.0063	4
6	2.56	VV	9595	AR1016-B	0.0250	0.0063	4
8	2.74	VV	26518	AR1016-C	0.0250	0.0063	4
9	2.82	VV	10201	AR1016-D	0.0250	0.0063	4
			63009			0.0250	

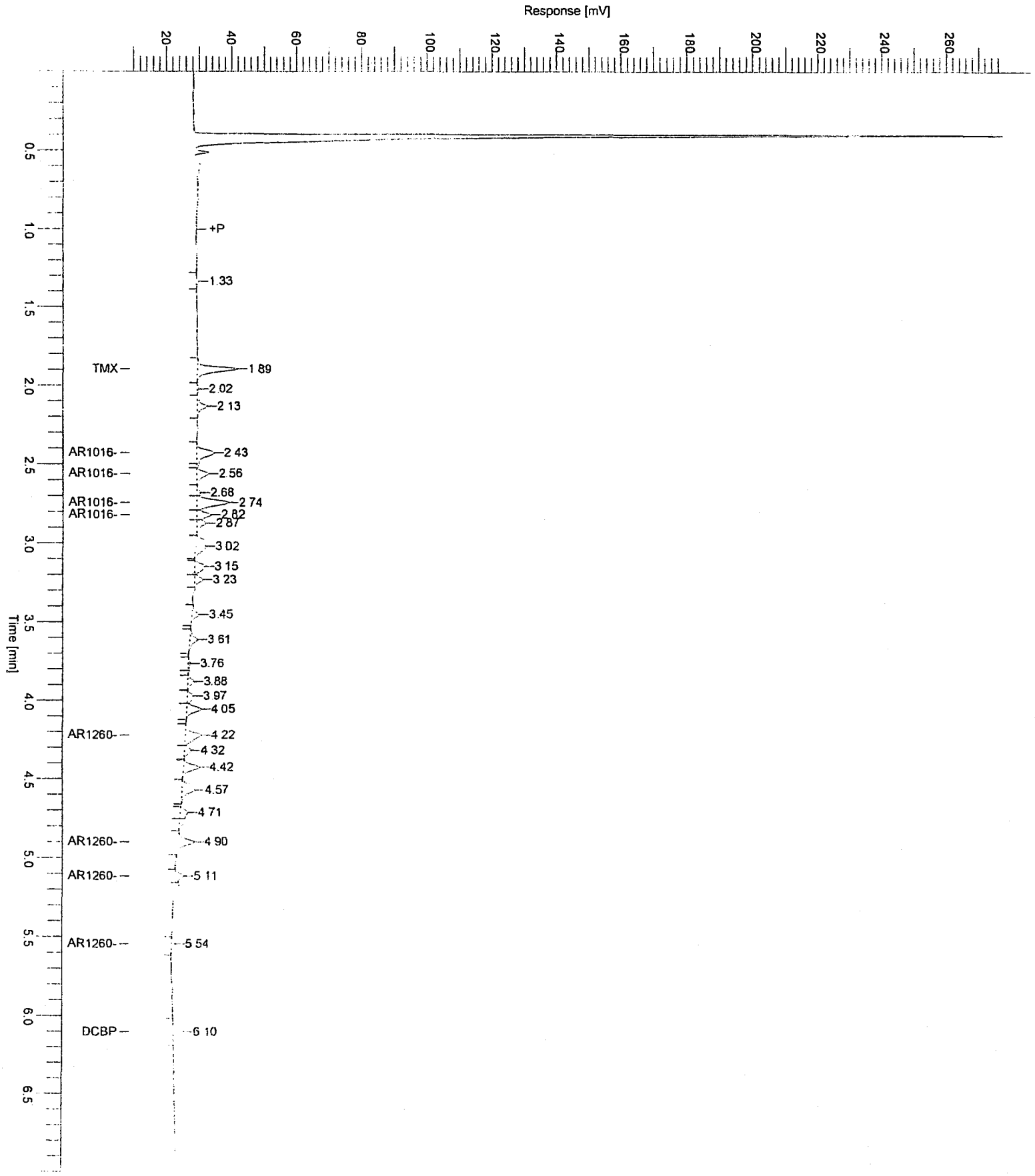
JUN 15 2006

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
20	4.22	BV	16453	AR1260-A	0.0250	0.0063	4
25	4.90	VB	14005	AR1260-B	0.0250	0.0063	4
26	5.11	BB	4376	AR1260-C	0.0250	0.0063	4
27	5.54	BB	2857	AR1260-D	0.0250	0.0063	4
			37691			0.0250	

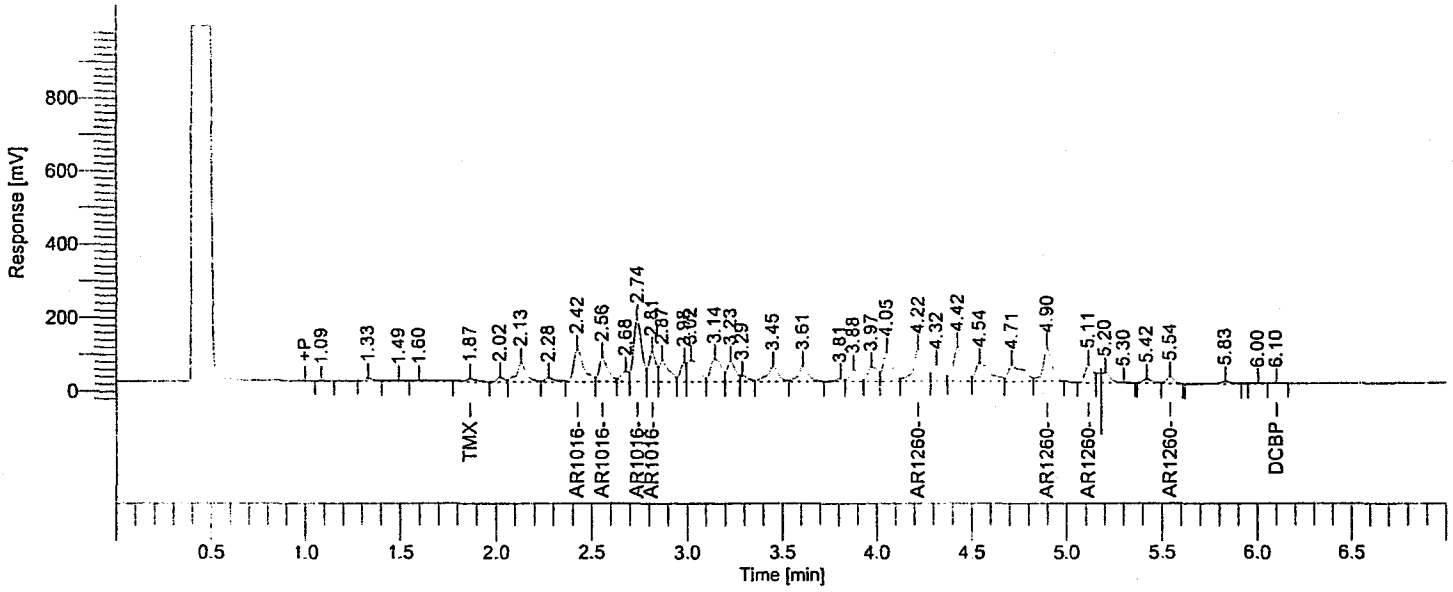
Chromatogram

Sample Name . ICM66NE Sample #: 0 025NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12A45169.raw
Date : 06/13/2006 15:48:23
Method : 12DINS Time of Injection. 06/11/2006 20:06:42
Start Time : 0 00 min End Time : 7.00 min Low Point : 8 84 mV High Point : 277 53 mV
Scale Factor: 1 0 Plot Offset: 8 84 mV Plot Scale. 268 7 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/13/2006 15:48:26
Reprocess Number	: buf23: 906		
Operator	: tchrom	Sample Name	: ACM66FA
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/11/2006 20:26:23	Cycle	: 18

Raw Data File : H:\TURBO6\5890-12\12A45170.raw <Modified>
Result File : H:\TURBO6\5890-12\12A45170.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A45170.raw
Proc Method : h:\turbo6\5890-12\laproc mth from H:\TURBO6\5890-12\12A45170.rst
Calib Method : h:\turbo6\5890-12\12a-66(06-11-06) mth from H:\TURBO6\5890-12\12A45170.rst
Report Format File: h:\turbo6\default\acm-%d rpt
Sequence File : H:\TURBO6\5890-12\12D45.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.87	VB	48557	~~TMX~~	0.0031	1.5525e+07	97113.0225	~~-99.8~~
2.74		1266657	AR1016	0.6615	1.9147e+06	2.5333e+06	10.3
4.90		851361	AR1260	0.5828	1.4607e+06	1.7027e+06	-2.9
		2166575		1.2475		4.3331e+06	

Group Report For : AR1016

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.42	VV	329875	AR1016-A	0.6641	4.9669e+05	6.5975e+05	10.7
2.56	VV	213344	AR1016-B	0.7337	2.9078e+05	4.2669e+05	22.3
2.74	VV	508798	AR1016-C	0.6375	7.9815e+05	1.0176e+06	6.2
2.81	VV	214639	AR1016-D	0.6548	3.2778e+05	4.2928e+05	9.1
		1266657		2.6901		2.5333e+06	

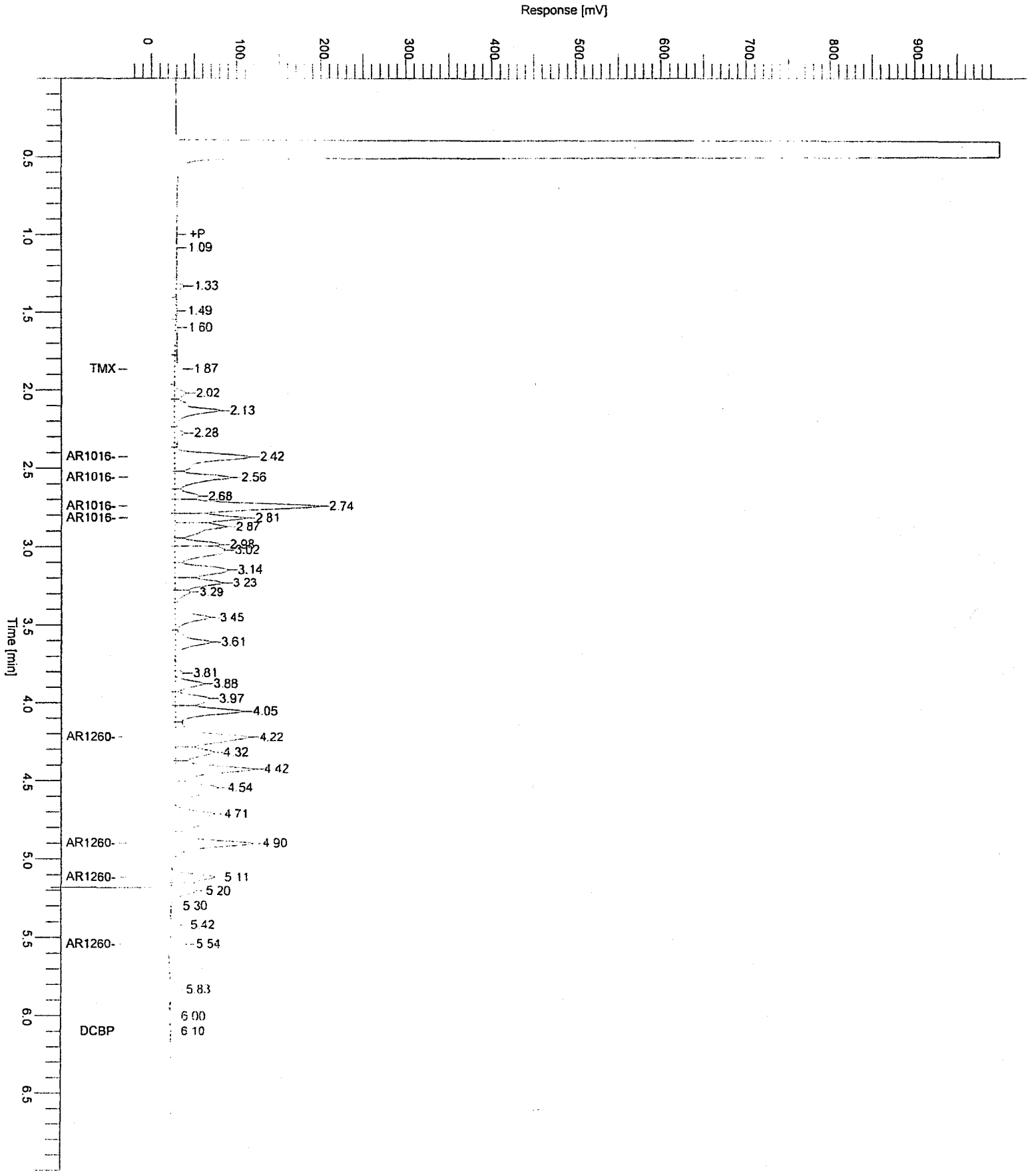
JUN 13 2006

Group Report For . AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
4.22	VV	366756	AR1260-A	0.6143	5.9705e+05	7.3351e+05	2.4
4.90	VB	291309	AR1260-B	0.5310	5.4855e+05	5.8262e+05	-11.5
5.11	BV	144789	AR1260-C	0.6334	2.2858e+05	2.8958e+05	5.6
5.54	VB	48507	AR1260-D	0.5659	85716.3534	97014.9217	-5.7
		851361		2.3447		1.7027e+06	

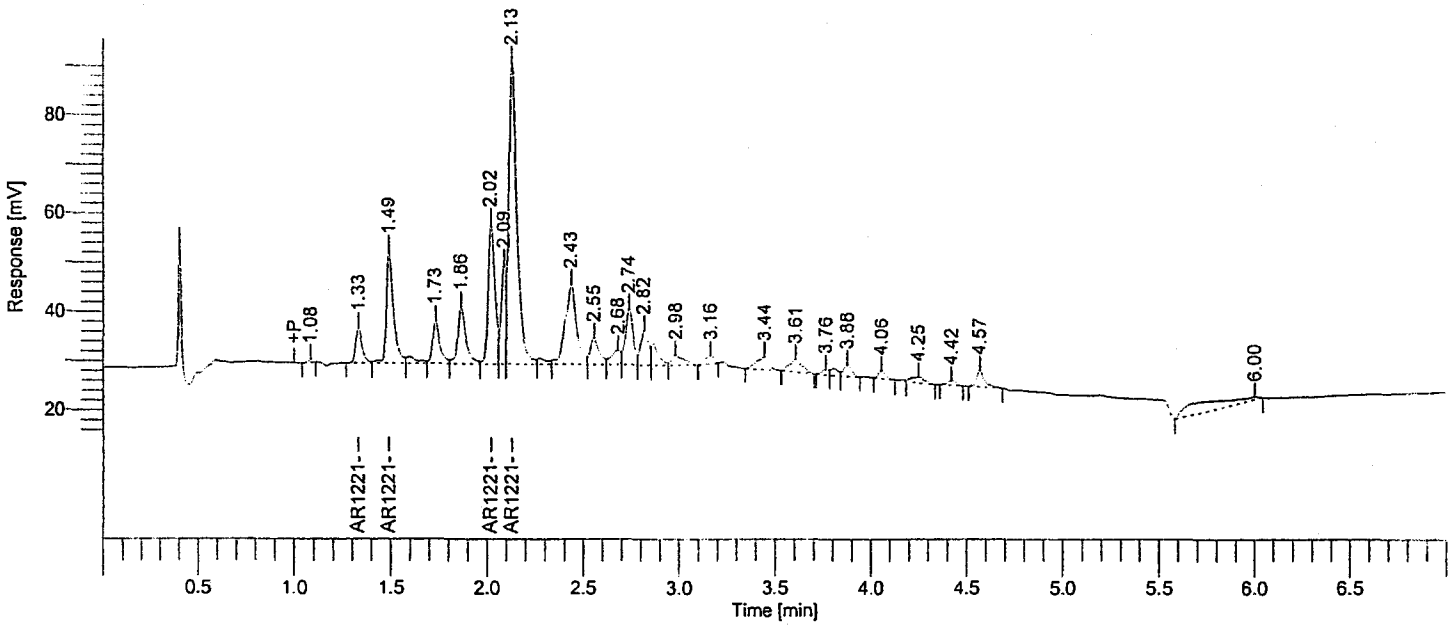
Chromatogram

Sample Name : ACM66FA Sample #: 0.6NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12A45170.raw
Date : 06/13/2006 15:48:26
Method : 12DINS Time of Injection: 06/11/2006 20:26:23
Start Time : 0.00 min End Time : 7.00 min Low Point : -28.43 mV High Point : 1000.00 mV
Scale Factor: 1.0 Plot Offset: -28.43 mV Plot Scale: 1028.4 mV



Software Version	: 6 2.1.0.104:0104	Date	: 06/13/2006 15:46:46
Reprocess Number	: buf23: 872		
Operator	: tchrom	Sample Name	: ICM21SA
Sample Number	: 0 5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7 00 min
Sampling Rate	: 5 0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1 0000	Dilution Factor	: 1 00
Data Acquisition Time	: 06/11/2006 14:51:06	Cycle	: 1

Raw Data File : H:\TURBO6\5890-12\12A45153.raw <Modified>
Result File : H:\TURBO6\5890-12\12A45153.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A45153.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A45153.rst
Calib Method : h:\turbo6\5890-12\12a-21(06-11-06).mth from H:\TURBO6\5890-12\12A45153.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D45.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	2.13		327065	AR1221	0.5000	0.1250	4
			327065			0.1250	

Group Report For : AR1221

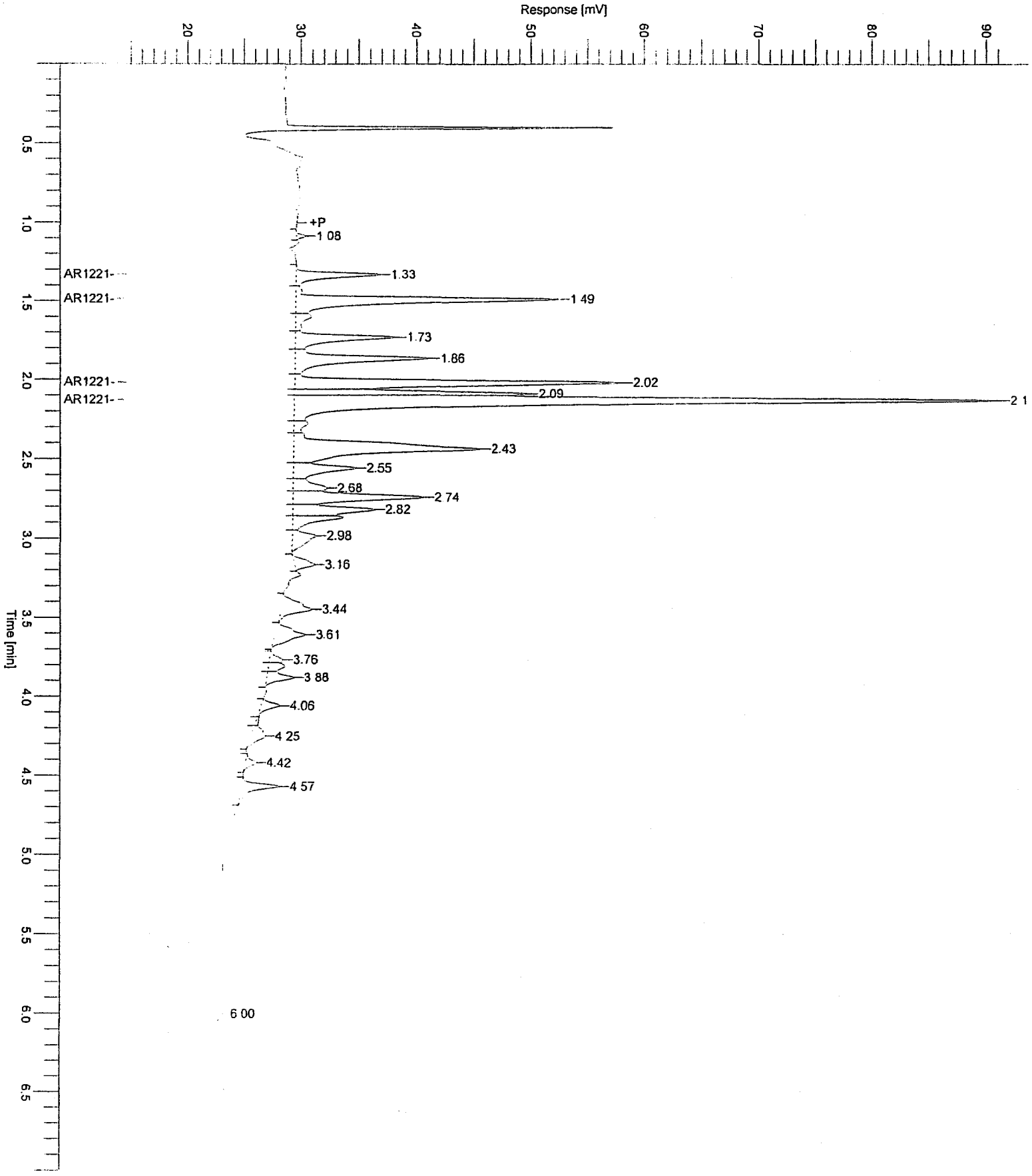
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
2	1.33	BV	16608	AR1221-A	0.5000	0.1250	4
3	1 49	VV	59785	AR1221-B	0.5000	0.1250	4
6	2 02	VV	70410	AR1221-C	0.5000	0.1250	4
8	2.13	VV	180261	AR1221-D	0.5000	0.1250	4
			327065			0.5000	

Processed by: _____ JUN 13 2006

Reviewed by: DYB 6/17/06

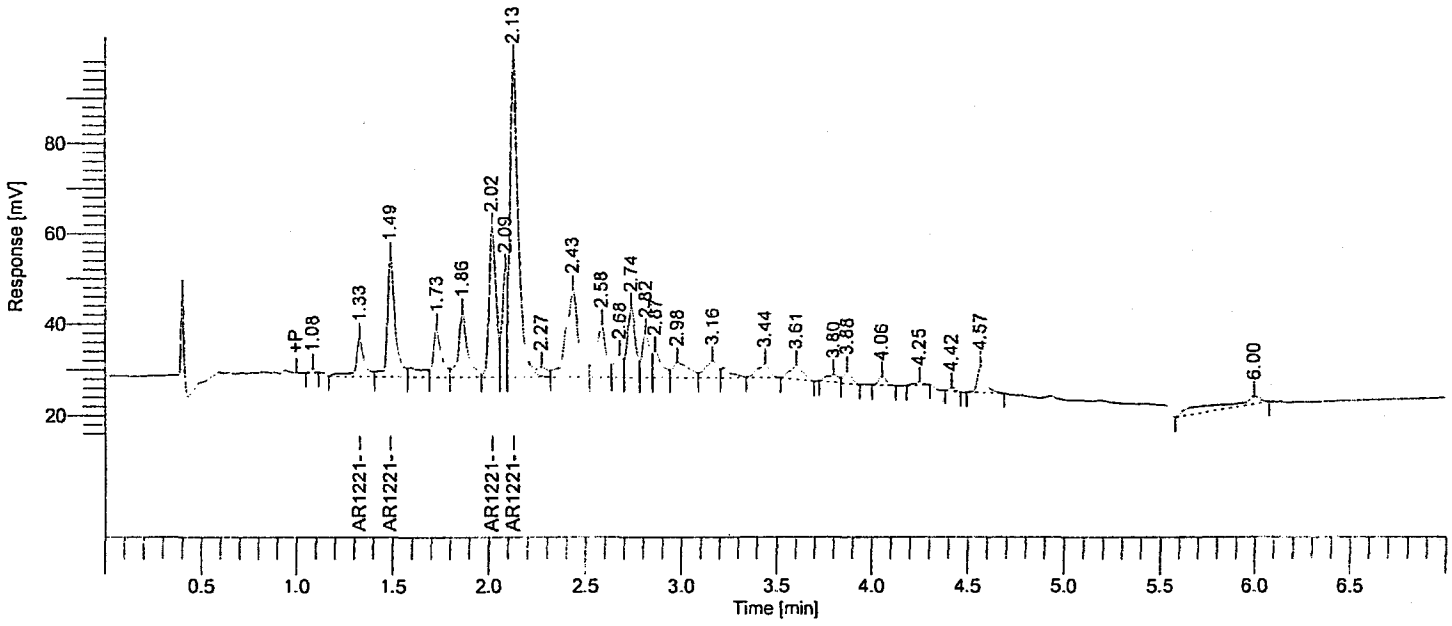
Chromatogram

Sample Name . ICM21SA Sample #: 0 5NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12A45153 raw
Date : 06/13/2006 15:46:47
Method : 12DINS Time of Injection: 06/11/2006 14:51:06
Start Time : 0 00 min End Time : 7.00 min Low Point : 14.64 mV High Point : 91 18 mV
Scale Factor: 1.0 Plot Offset: 14.64 mV Plot Scale: 76 5 mV



Software Version	: 6.2.1 0.104:0104	Date	: 06/13/2006 15:46:55
Reprocess Number	: buf23: 874		
Operator	: tchrom	Sample Name	: ACM21QA
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0 00 min	End Time	: 7.00 min
Sampling Rate	: 5 0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/11/2006 15:10:51	Cycle	: 2

Raw Data File : H:\TURBO6\5890-12\12A45154.raw <Modified>
Result File : H:\TURBO6\5890-12\12A45154.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A45154.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A45154.rst
Calib Method : h:\turbo6\5890-12\12a-21(06-11-06).mth from H:\TURBO6\5890-12\12A45154.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-12\12D45.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.13		392945	AR1221	0.6007	6.5413e+05	7.8589e+05	0.1
		392945		0.6007		7.8589e+05	

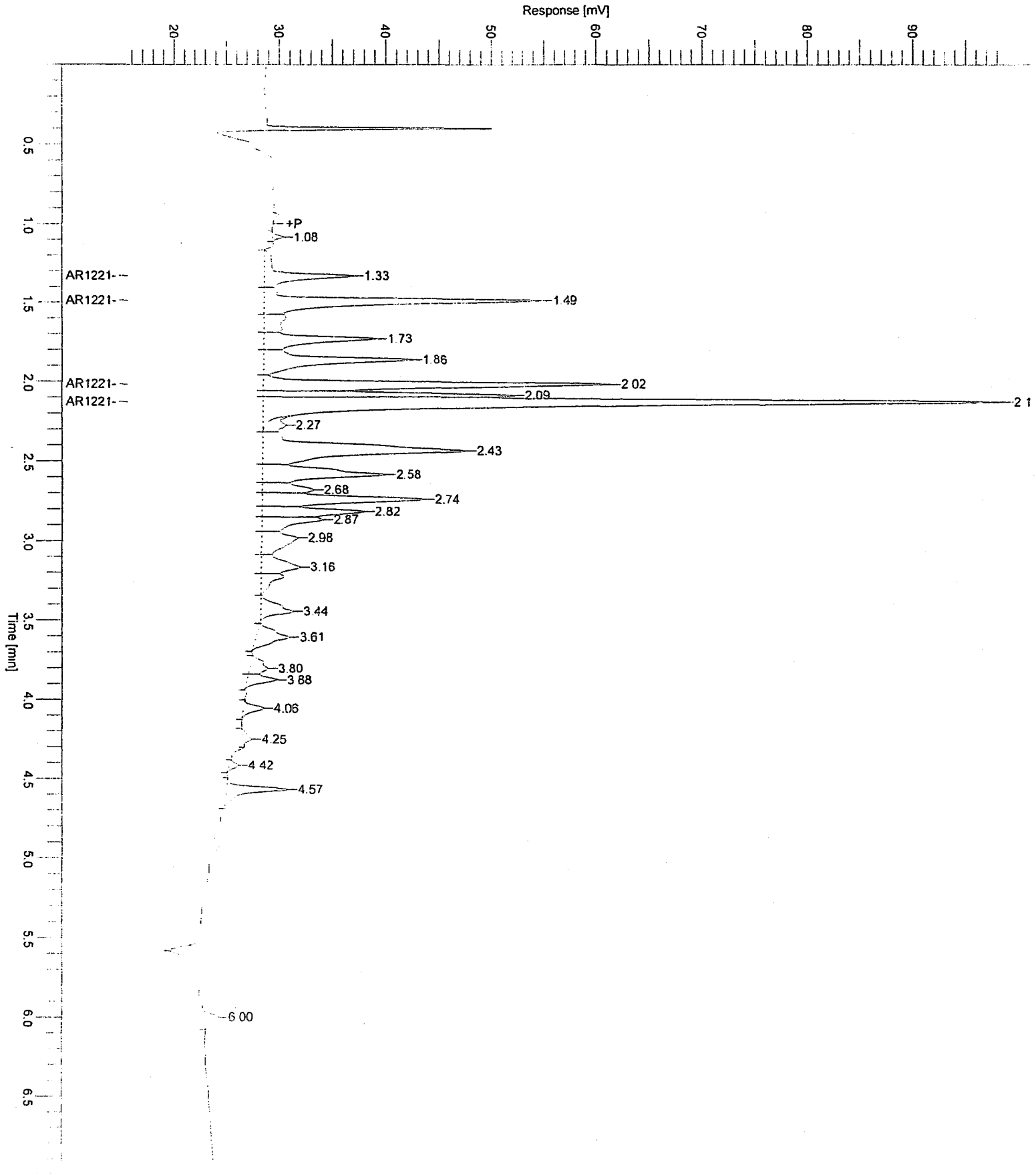
JUN 13 2006

Group Report For : AR1221

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.33	BV	27219	AR1221-A	0.8194	33216 6600	54438.3041	36.6
1.49	VV	74145	AR1221-B	0.6201	1.1957e+05	1 4829e+05	3.3
2.02	VV	82458	AR1221-C	0.5856	1.4082e+05	1 6492e+05	-2.4
2.13	VE	209124	AR1221-D	0.5801	3 6052e+05	4 1825e+05	-3.3
		392945		2.6051		7 8589e+05	

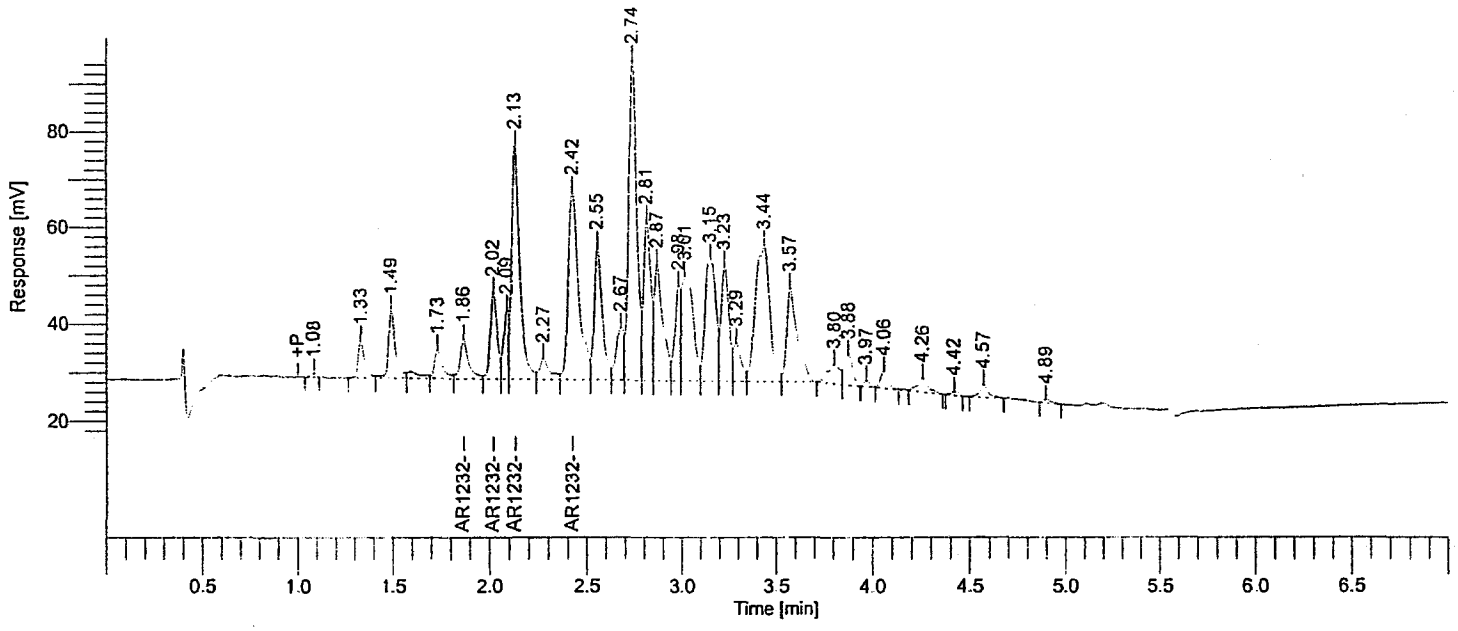
Chromatogram

Sample Name : ACM21QA Sample #: 0 6NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12A45154 raw
Date . 06/13/2006 15:46:55
Method : 12DINS Time of Injection: 06/11/2006 15:10:51
Start Time : 0.00 min End Time . 7 00 min Low Point : 15.66 mV High Point : 98 66 mV
Scale Factor: 1.0 Plot Offset: 15 66 mV Plot Scale: 83.0 mV



Software Version	: 6.2.1.0.104.0104	Date	: 06/13/2006 15:47:03
Reprocess Number	: buf23. 876		
Operator	: tchrom	Sample Name	: ICM32HA
Sample Number	: 0 5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/11/2006 15:30:35	Cycle	: 3

Raw Data File : H:\TURBO6\5890-12\12A45155.raw <Modified>
Result File : H:\TURBO6\5890-12\12A45155.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A45155.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A45155.rst
Calib Method : h:\turbo6\5890-12\12a-32(06-11-06).mth from H:\TURBO6\5890-12\12A45155.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D45.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	2.13		358118	AR1232	0.5000	0.1250	4
			358118			0.1250	

Group Report For : AR1232

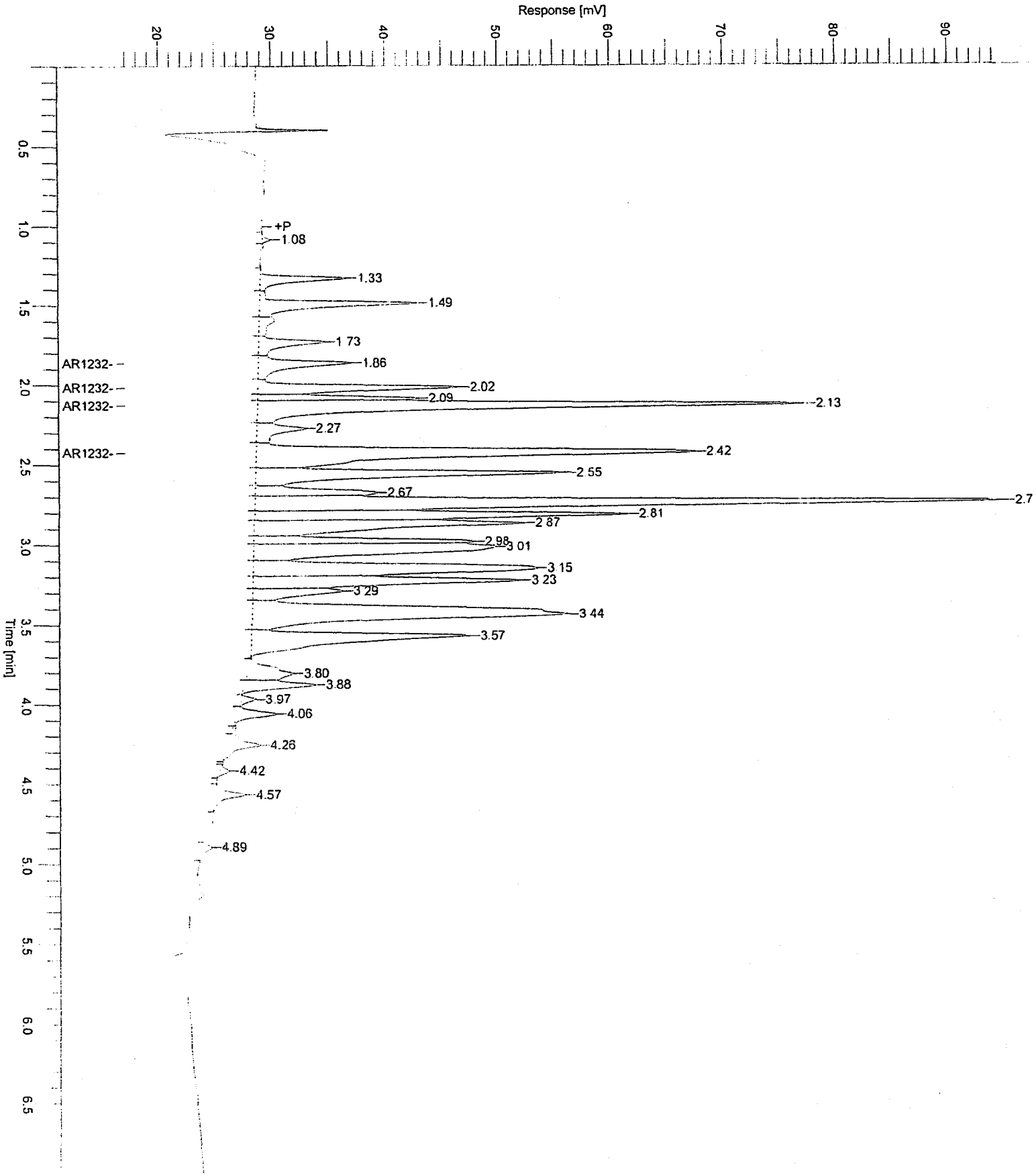
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
5	1.86	VV	25253	AR1232-A	0.5000	0.1250	4
6	2.02	VV	44302	AR1232-B	0.5000	0.1250	4
8	2.13	VV	140238	AR1232-C	0.5000	0.1250	4
10	2.42	VV	148325	AR1232-D	0.5000	0.1250	4
			358118			0.5000	

Processed by: JUN 13 2006

Reviewed by: DJB 6/17/06

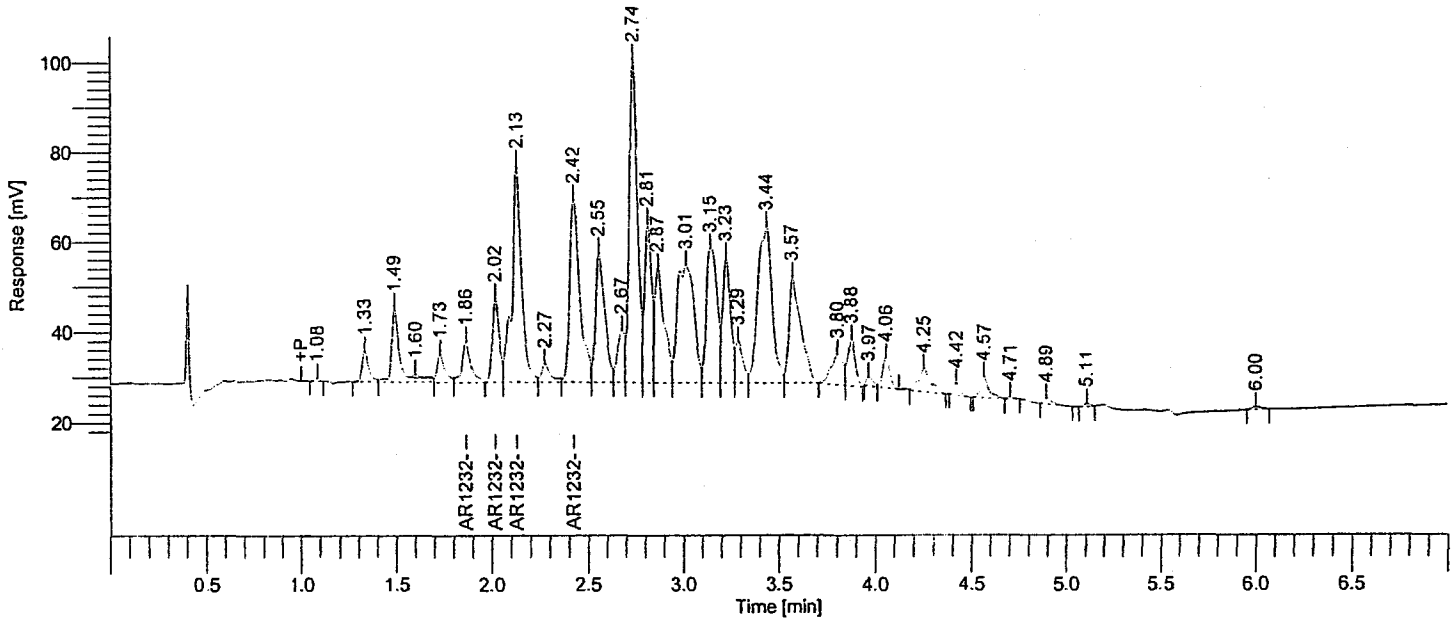
Chromatogram

Sample Name : ICM32HA Sample #: 0 5NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12A45155.raw
Date : 06/13/2006 15:47:03
Method : 12DINS Time of Injection: 06/11/2006 15:30:35
Start Time : 0 00 min End Time : 7.00 min Low Point : 16 93 mV High Point : 95.00 mV
Scale Factor: 1 0 Plot Offset: 16 93 mV Plot Scale: 78 1 mV



Software Version	: 6 2 1 0.104:0104	Date	: 06/13/2006 15:55:39
Operator	: tchrom	Sample Name	: ACM32CA
Sample Number	: 0 6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7 00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1 000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/11/2006 15:50:16	Cycle	: 4

Raw Data File : H:\TURBO6\5890-12\12A45156.raw <Modified>
Result File : H:\TURBO6\5890-12\12A45156.rst [Editing in Progress]
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A45156 raw
Proc Method : h:\turbo6\5890-12\aproc.mth from H:\TURBO6\5890-12\12A45156.rst [Editing in Progress]
Calib Method : h:\turbo6\5890-12\12a-32(06-11-06).mth from H:\TURBO6\5890-12\12A45156.rst [Editing in Progress]
Report Format File: h:\turbo6\default\acm-%d rpt
Sequence File : H:\TURBO6\5890-12\12D45 seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.13		388939	AR1232	0.5430	7.1624e+05	7.7788e+05	-9.5
		388939		0.5430		7.7788e+05	

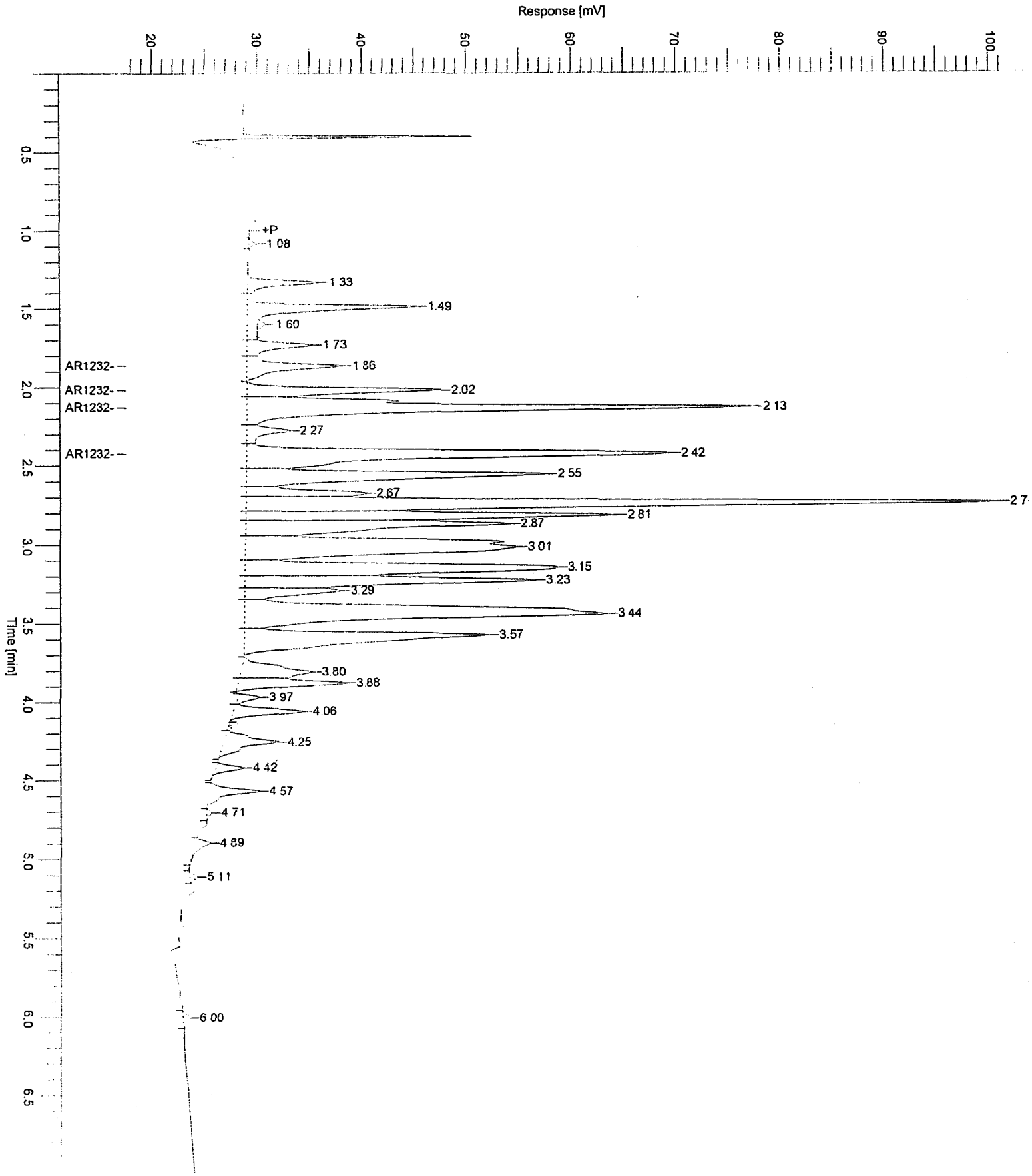
JUN 1 3 2006

Group Report For : AR1232

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.86	VB	28540	AR1232-A	0 5651	50506.1580	57079.0372	-5.8
2.02	BV	45445	AR1232-B	0 5129	88604.7833	90890.8840	-14.5
2.13	VV	163875	AR1232-C	0.5843	2.8048e+05	3.2775e+05	-2.6
2.42	VV	151079	AR1232-D	0 5093	2.9665e+05	3.0216e+05	-15.1
		388939		2.1715		7.7788e+05	

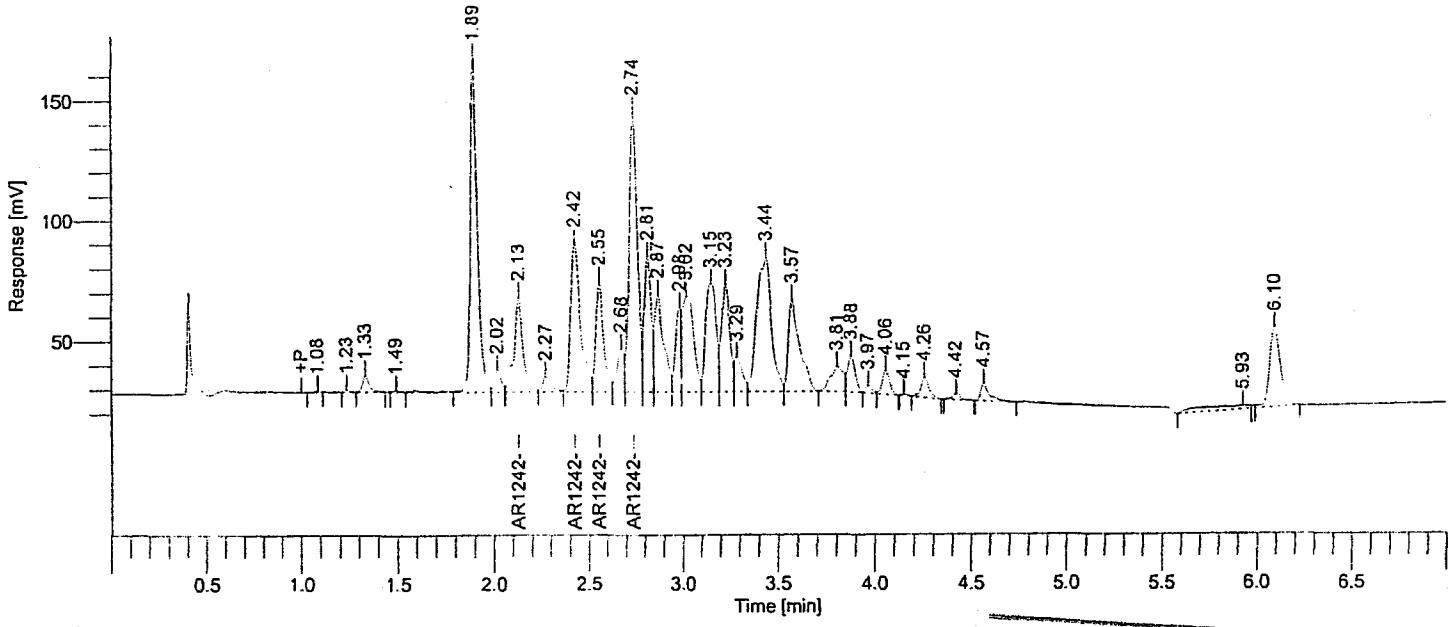
Chromatogram

Sample Name : ACM32CA Sample #: 0 6NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12A45156 raw
Date : 06/13/2006 15:56:31
Method : *Time of Injection:* 06/11/2006 15:50:16
Start Time : 0.00 min End Time : 7.00 min Low Point : 17.45 mV High Point : 101.03 mV
Scale Factor: 1.0 Plot Offset: 17 45 mV Plot Scale: 83 6 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/13/2006 15:47:18
Reprocess Number	: buf23: 880		
Operator	: tchrom	Sample Name	: ICM42TA
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0 00 min	End Time	: 7 00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000 000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/11/2006 16:10:02	Cycle	: 5

Raw Data File : H:\TURBO6\5890-12\12A45157.raw <Modified>
Result File : H:\TURBO6\5890-12\12A45157.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A45157.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A45157.rst
Calib Method : h:\turbo6\5890-12\12a-42(06-11-06).mth from H:\TURBO6\5890-12\12A45157.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D45.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	2.74		821619	AR1242	0.5000	0 1250	4
			821619			0 1250	

Processed by: JUN 13 2006

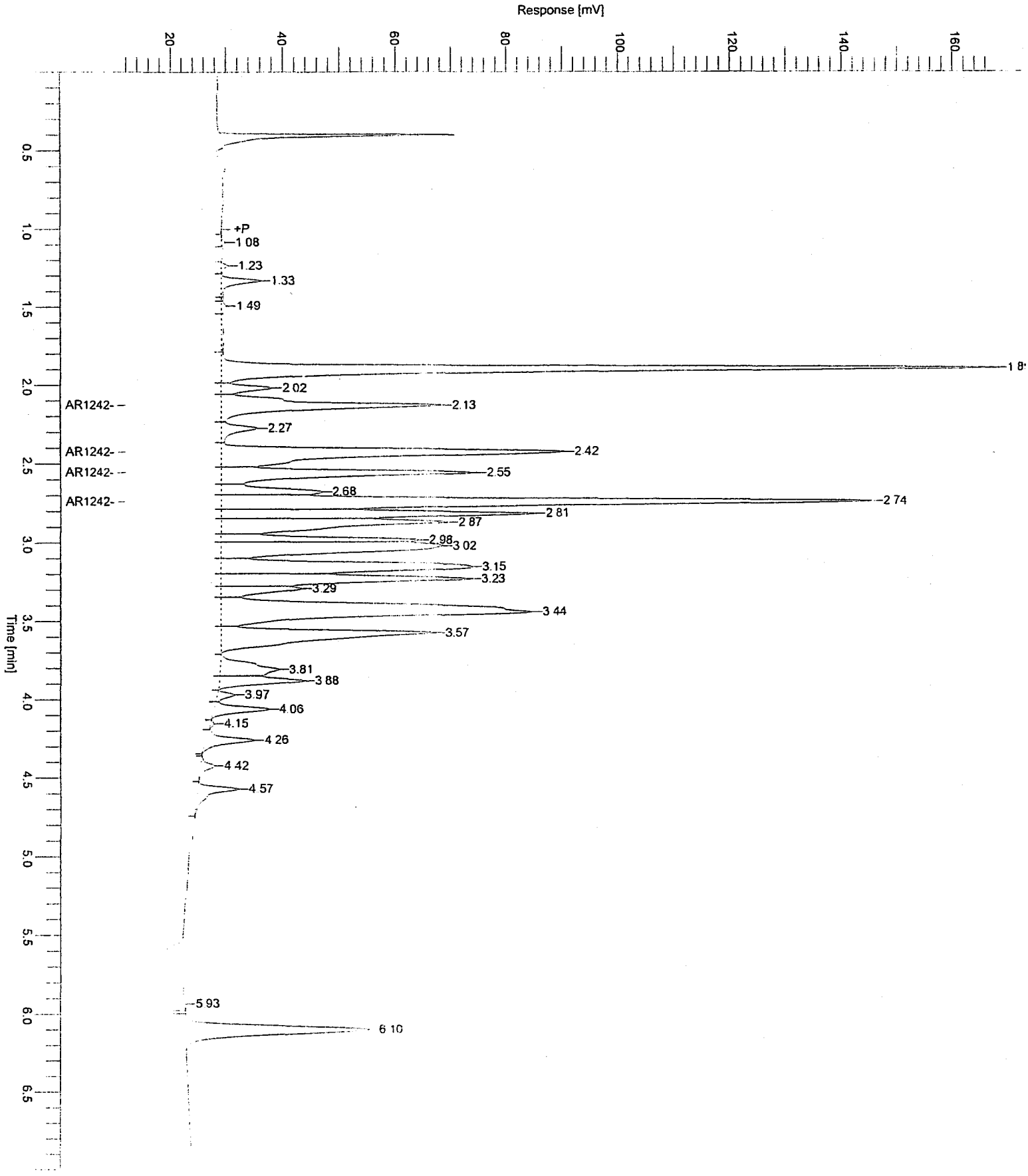
Reviewed by: 6/17/06

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
7	2 13	VV	128688	AR1242-A	0.5000	0 1250	4
9	2.42	VV	219653	AR1242-B	0.5000	0 1250	4
10	2 55	VV	129819	AR1242-C	0 5000	0 1250	4
12	2.74	VV	343460	AR1242-D	0.5000	0 1250	4
			821619			0 5000	

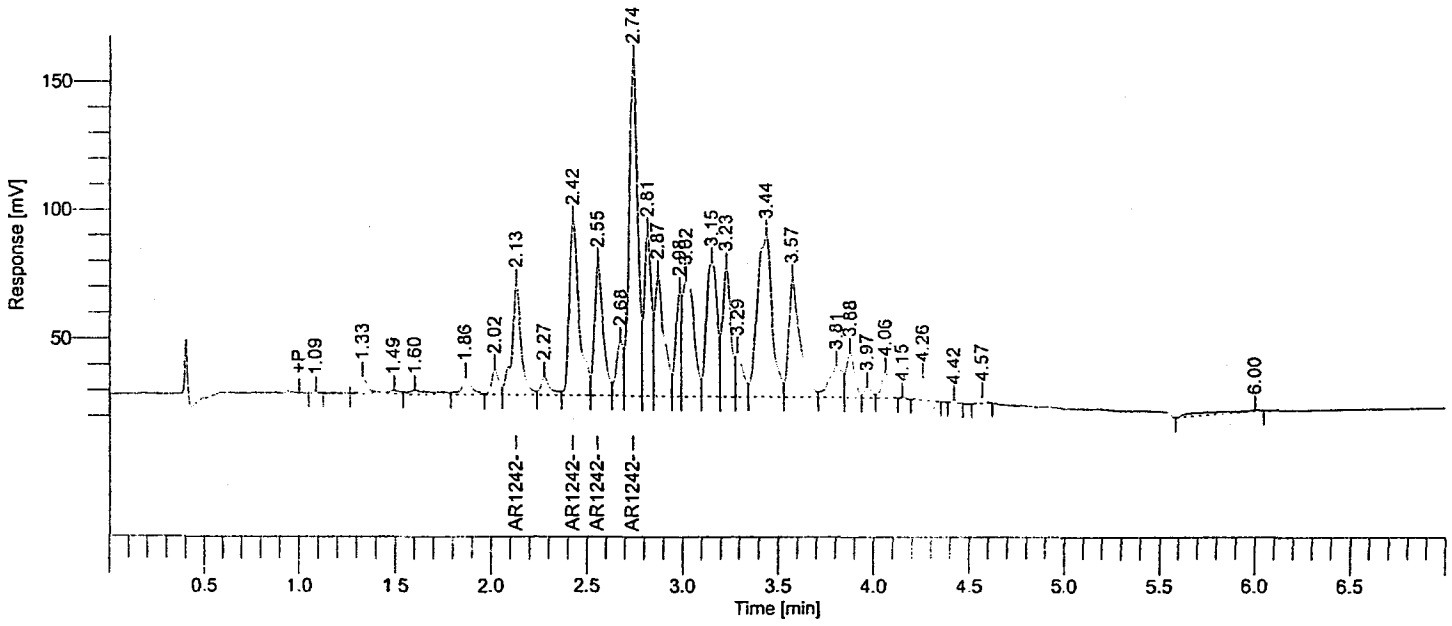
Chromatogram

Sample Name : ICM42TA Sample #: 0 5NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12A45157.raw
Date : 06/13/2006 15:47:18
Method : 12DINS Time of Injection: 06/11/2006 16:10:02
Start Time : 0.00 min End Time : 7.00 min Low Point : 11.95 mV High Point : 167.95 mV
Scale Factor: 1.0 Plot Offset: 11.95 mV Plot Scale: 156.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/13/2006 15:47:24
Reprocess Number	: buf23: 882		
Operator	: tchrom	Sample Name	: ACM42PA
Sample Number	: 0 6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/11/2006 16:29:45	Cycle	: 6

Raw Data File : H:\TURBO6\5890-12\12A45158.raw <Modified>
Result File : H:\TURBO6\5890-12\12A45158.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A45158.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A45158.rst
Calib Method : h:\turbo6\5890-12\12a-42(06-11-06).mth from H:\TURBO6\5890-12\12A45158.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-12\12D45.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.74		939120	AR1242	0.5715	1.6432e+06	1.8782e+06	-4.7
		939120		0.5715		1.8782e+06	

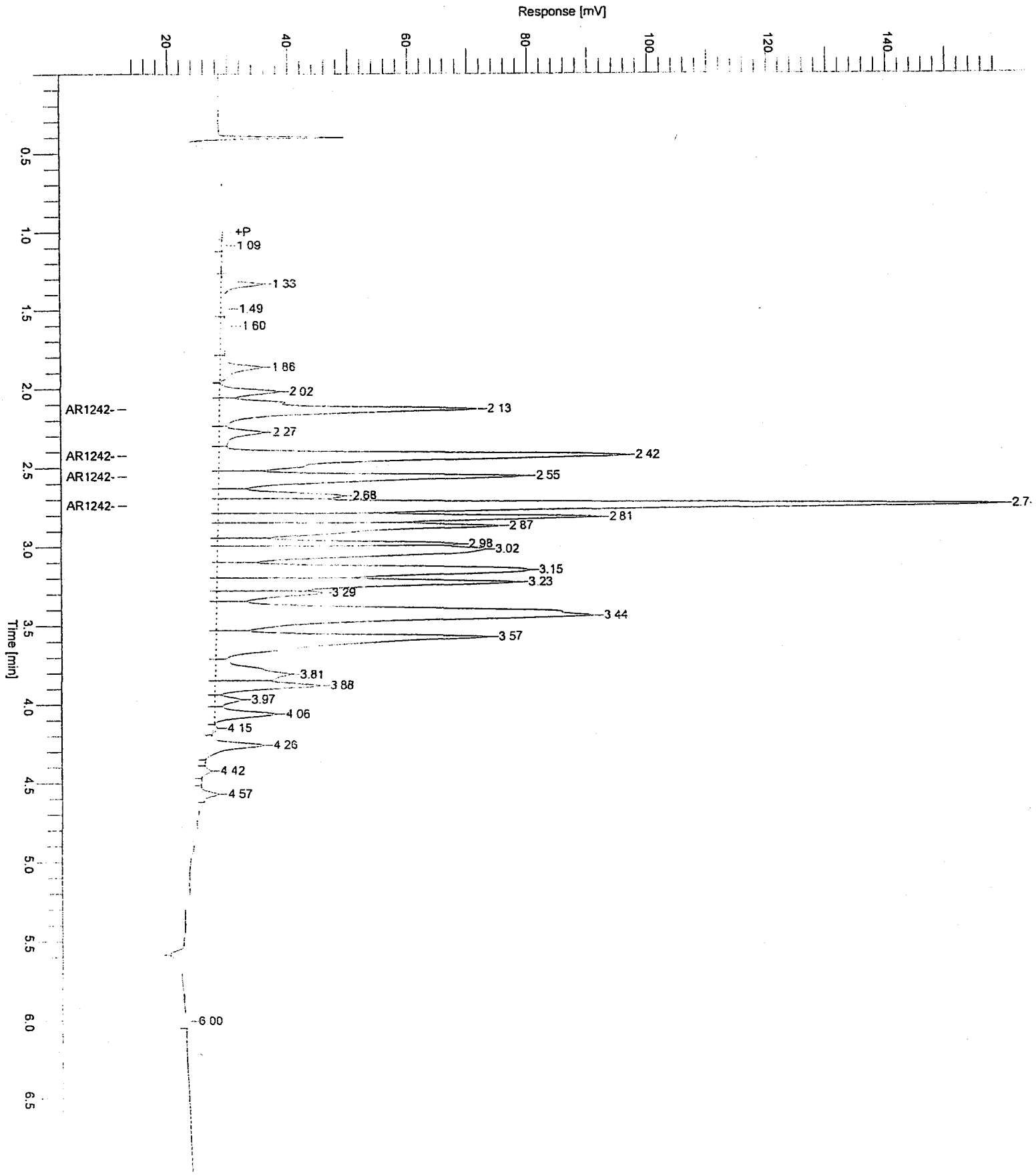
Group Report For : AR1242

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.13	VV	141316	AR1242-A	0.5491	2.5738e+05	2.8263e+05	-8.5
2.42	VV	247990	AR1242-B	0.5645	4.3931e+05	4.9598e+05	-5.9
2.55	VV	158592	AR1242-C	0.6108	2.5964e+05	3.1718e+05	1.8
2.74	VV	391221	AR1242-D	0.5695	6.8692e+05	7.8244e+05	-5.1
		939120		2.2939		1.8782e+06	

JUN 13 2006

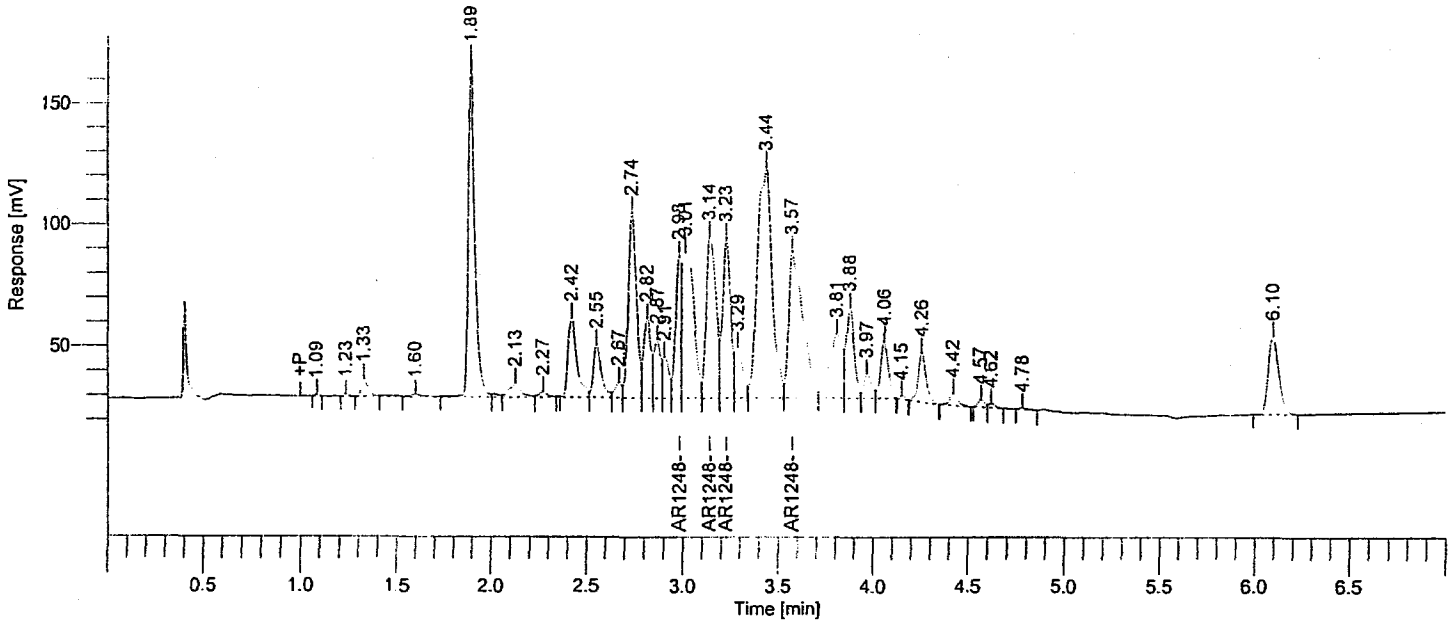
Chromatogram

Sample Name : ACM42PA Sample #: 0 6NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12A45158.raw
Date : 06/13/2006 15:47:25
Method : 12DINS Time of Injection: 06/11/2006 16:29:45
Start Time : 0 00 min End Time : 7 00 min Low Point : 12 94 mV High Point : 159 24 mV
Scale Factor: 1 0 Plot Offset: 12 94 mV Plot Scale: 146.3 mV



Software Version	: 6.2 1 0.104:0104	Date	: 06/13/2006 15:47:31
Reprocess Number	: buf23: 884		
Operator	: tchrom	Sample Name	: ICM48SA
Sample Number	: 0 5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1 00
Data Acquisition Time	: 06/11/2006 16:49:30	Cycle	: 7

Raw Data File : H:\TURBO6\5890-12\12A45159.raw <Modified>
Result File : H:\TURBO6\5890-12\12A45159.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A45159.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A45159.rst
Calib Method : h:\turbo6\5890-12\12a-48(06-11-06).mth from H:\TURBO6\5890-12\12A45159.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D45.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	3.14		859912	AR1248	0.5000	0.1250	4
			859912			0.1250	

Group Report For : AR1248

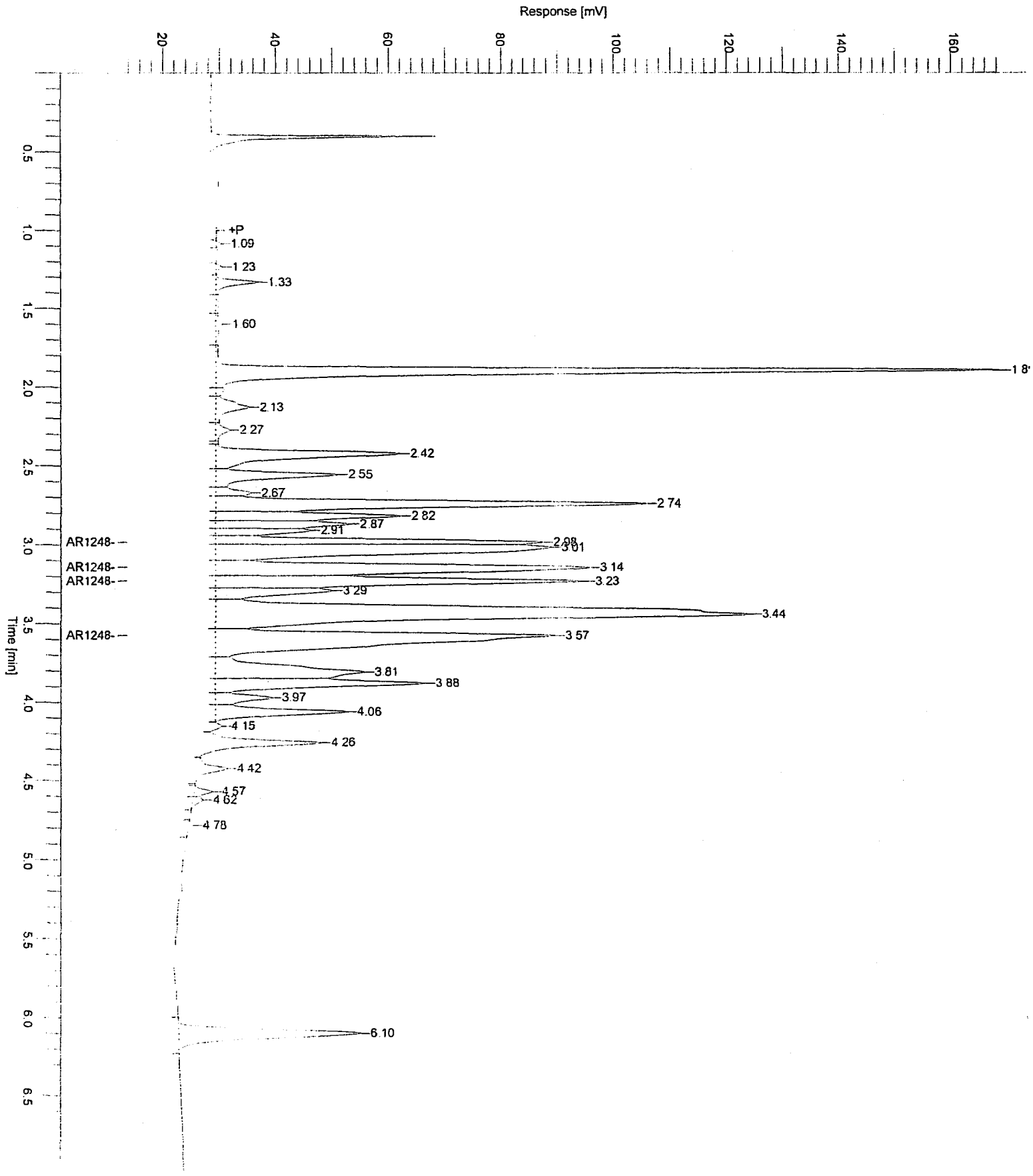
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
15	2.98	VV	120469	AR1248-A	0.5000	0.1250	4
17	3 14	VV	236438	AR1248-B	0 5000	0.1250	4
18	3 23	VV	196252	AR1248-C	0.5000	0.1250	4
21	3 57	VV	306752	AR1248-D	0 5000	0.1250	4
			859912			0.5000	

Processed by: JUN 15 2006

Reviewed by: DJB 6/17

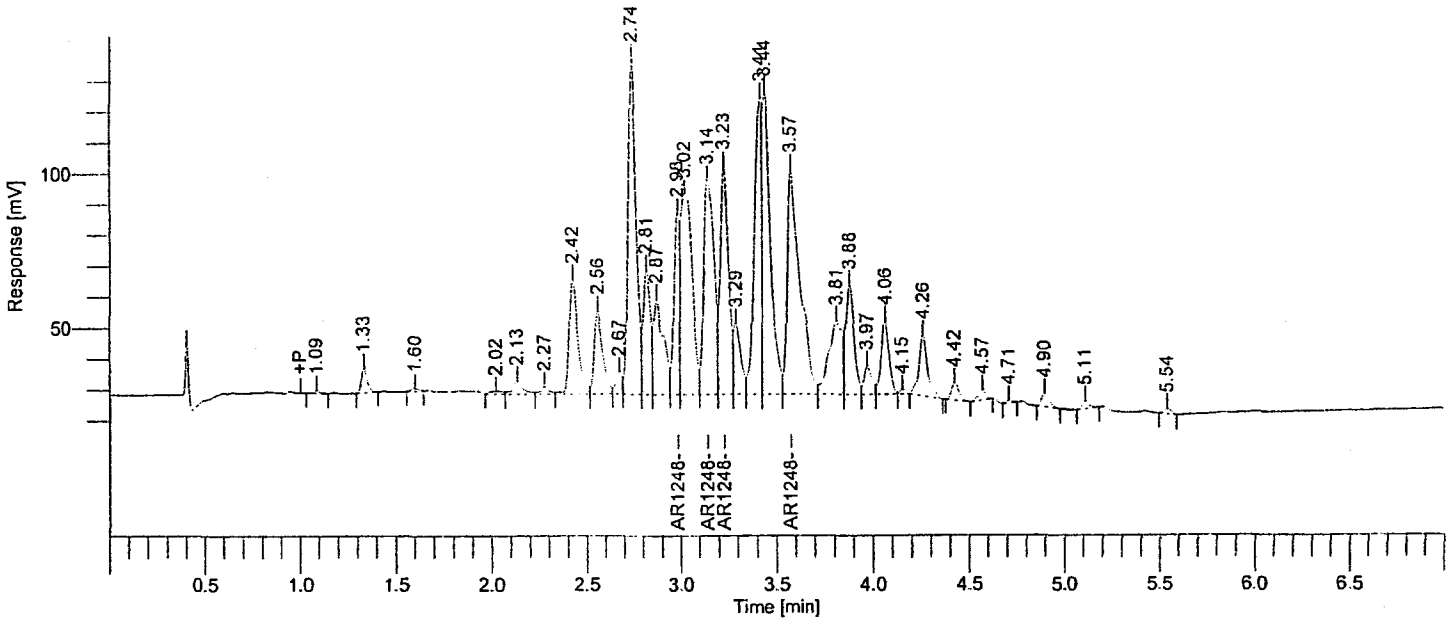
Chromatogram

Sample Name : ICM48SA Sample #: 0 5NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12A45159 raw
Date : 06/13/2006 15.47:31
Method : 12DINS Time of Injection: 06/11/2006 16:49:30
Start Time : 0 00 min End Time : 7.00 min Low Point : 13.70 mV High Point : 168.77 mV
Scale Factor: 1 0 Plot Offset: 13.70 mV Plot Scale: 155 1 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/13/2006 15:47:37
Reprocess Number	: buf23: 886		
Operator	: tchrom	Sample Name	: ACM48NA
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/11/2006 17:09:11	Cycle	: 8

Raw Data File : H:\TURBO6\5890-12\12A45160.raw <Modified>
Result File : H:\TURBO6\5890-12\12A45160.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A45160.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A45160.rst
Calib Method : h:\turbo6\5890-12\12a-48(06-11-06).mth from H:\TURBO6\5890-12\12A45160.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-12\12D45.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.23		936834	AR1248	0.5447	1.7198e+06	1.8737e+06	-9.2
		936834		0.5447		1.8737e+06	

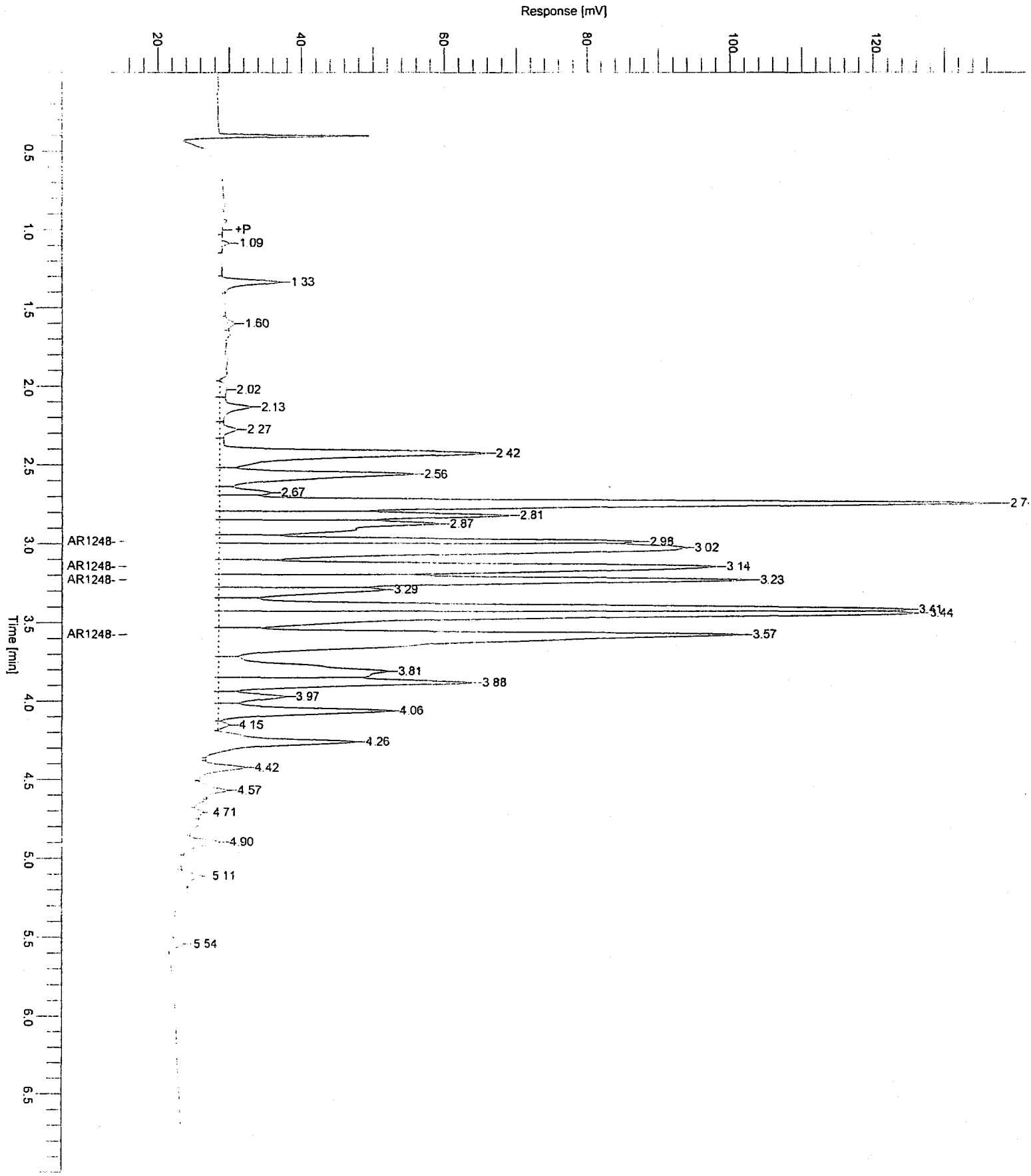
Group Report For : AR1248

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.98	VV	119585	AR1248-A	0.4963	2.4094e+05	2.3917e+05	-17.3
3.14	VV	255604	AR1248-B	0.5405	4.7288e+05	5.1121e+05	-9.9
3.23	VV	225709	AR1248-C	0.5750	3.9250e+05	4.5142e+05	-4.2
3.57	VV	335936	AR1248-D	0.5476	6.1350e+05	6.7187e+05	-8.7
		936834		2.1595		1.8737e+06	

JUN 13 2006

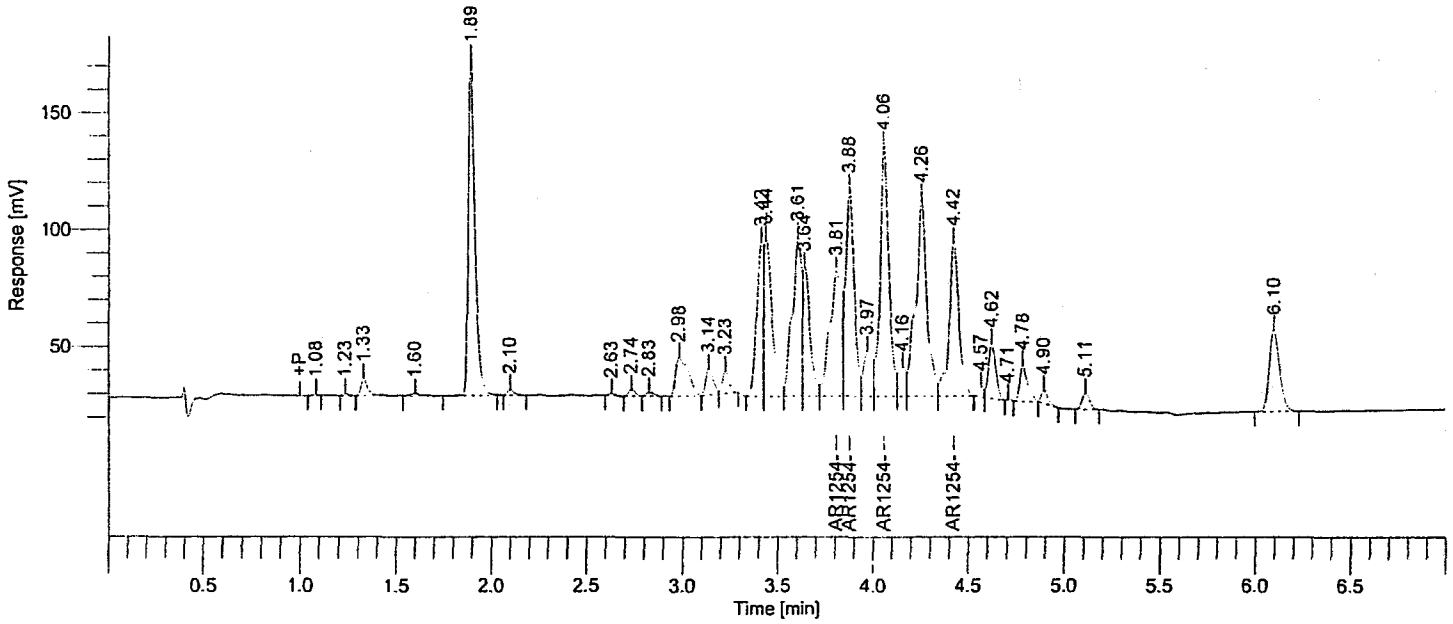
Chromatogram

Sample Name : ACM48NA Sample #: 0 6NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12A45160.raw
Date : 06/13/2006 15:47:38
Method : 12DINS Time of Injection: 06/11/2006 17:09:11
Start Time : 0.00 min End Time : 7.00 min Low Point : 15.72 mV High Point : 137 74 mV
Scale Factor: 1.0 Plot Offset: 15.72 mV Plot Scale: 122 0 mV



Software Version	6 2.1 0 104:0104	Date	06/13/2006 15:47:43
Reprocess Number	buf23: 888		
Operator	tchrom	Sample Name	ICM54VE
Sample Number	0.5NG	Study	ICAL
AutoSampler	NONE	Rack/Vial	0/0
Instrument Name	HP5890-12	Channel	A
Interface Serial #	3090270362	A/D mV Range	1000
Delay Time	0 00 min	End Time	7.00 min
Sampling Rate	5 0000 pts/s		
Sample Volume	1 000000 uL	Area Reject	1000.000000
Sample Amount	1.0000	Dilution Factor	1.00
Data Acquisition Time	06/11/2006 17:28:56	Cycle	9

Raw Data File : H:\TURBO6\5890-12\12A45161.raw <Modified>
Result File : H:\TURBO6\5890-12\12A45161.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A45161 raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A45161.rst
Calib Method : h:\turbo6\5890-12\12a-54(06-11-06).mth from H:\TURBO6\5890-12\12A45161.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D45.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	4.06		1092282	AR1254	0 5000	0.1250	4
			1092282			0.1250	

Group Report For : AR1254

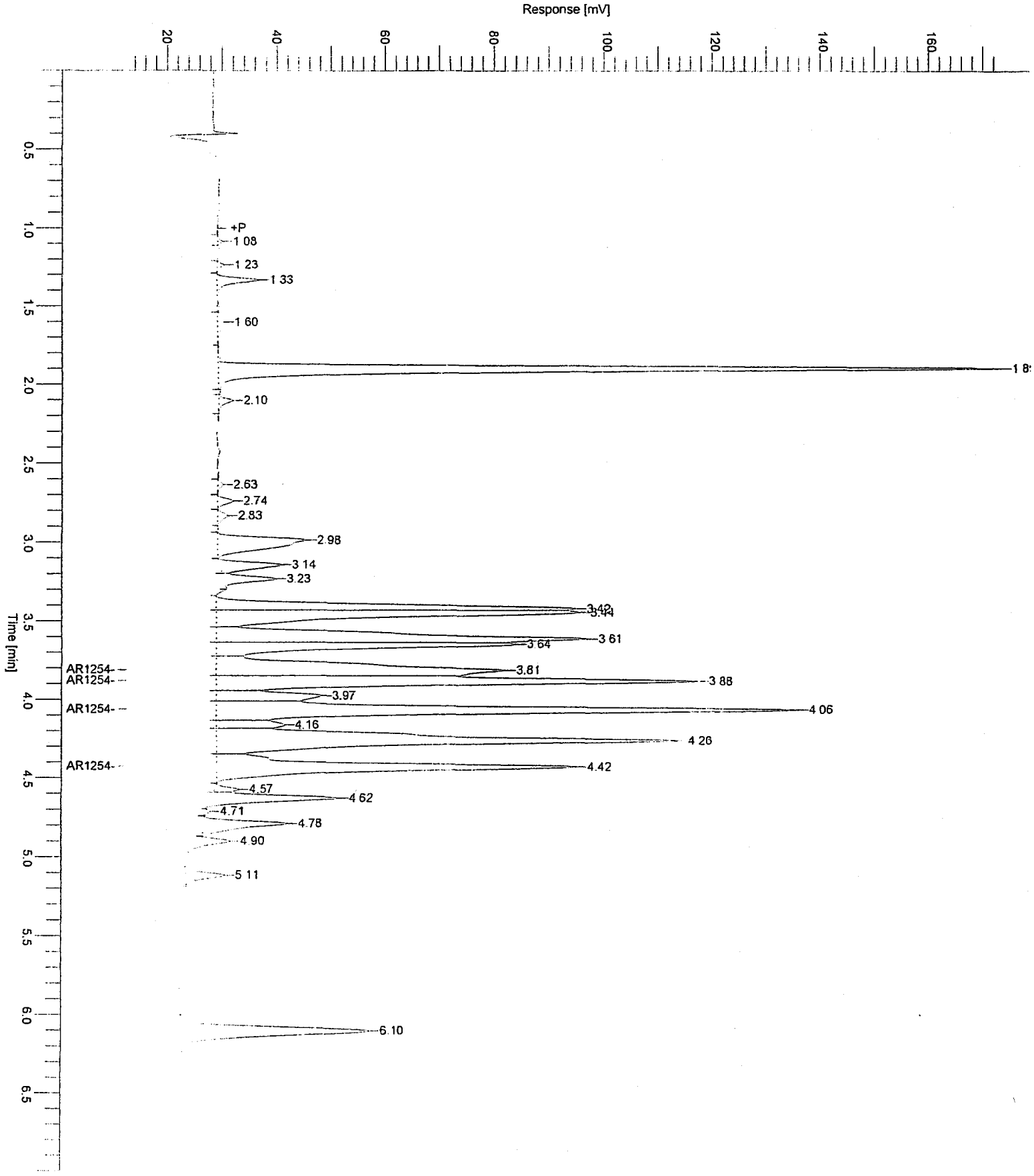
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc	AVG NG CONC (5pts)	# PEAKS USED
17	3 81	VV	232806	AR1254-A	0.5000	0.1250	4
18	3 88	VV	278087	AR1254-B	0.5000	0.1250	4
20	4 06	VV	344395	AR1254-C	0 5000	0 1250	4
23	4.42	VB	236994	AR1254-D	0 5000	0.1250	4
			1092282			0.5000	

Processed by: JUN 13 2006

Reviewed by: 6/17/06

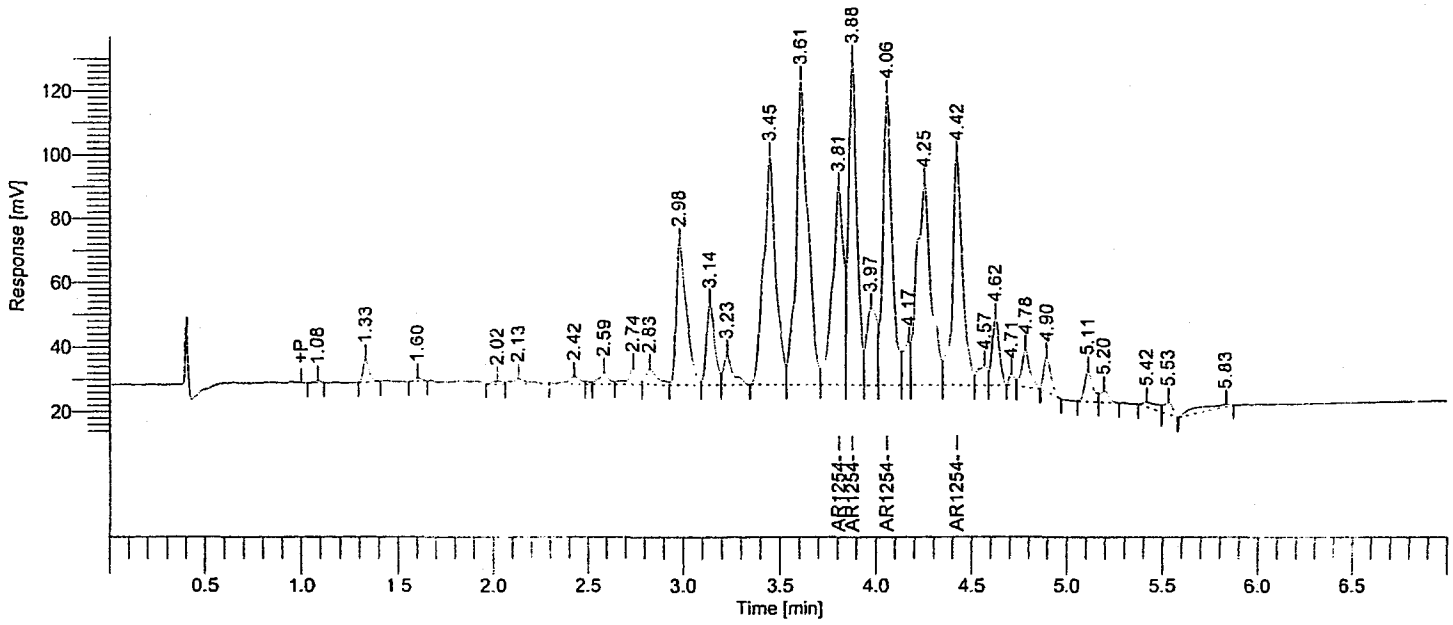
Chromatogram

Sample Name : ICM54VE Sample #. 0 5NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12A45161 raw
Date : 06/13/2006 15:47:44
Method : 12DINS Time of Injection: 06/11/2006 17:28:56
Start Time : 0 00 min End Time : 7.00 min Low Point : 12 70 mV High Point . 173.46 mV
Scale Factor: 1 0 Plot Offset: 12 70 mV Plot Scale: 160.8 mV



Software Version	: 6.2.1 0 104:0104	Date	: 06/13/2006 15:47:49
Reprocess Number	: buf23: 890		
Operator	: tchrom	Sample Name	: ACM54SA
Sample Number	: 0 6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/11/2006 17:48:38	Cycle	: 10

Raw Data File : H:\TURBO6\5890-12\12A45162.raw <Modified>
Result File : H:\TURBO6\5890-12\12A45162.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A45162.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A45162.rst
Calib Method : h:\turbo6\5890-12\12a-54(06-11-06) mth from H:\TURBO6\5890-12\12A45162.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-12\12D45.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.88		1120410	AR1254	0.5129	2 1846e+06	2.2408e+06	-14.5
		1120410		0.5129		2.2408e+06	

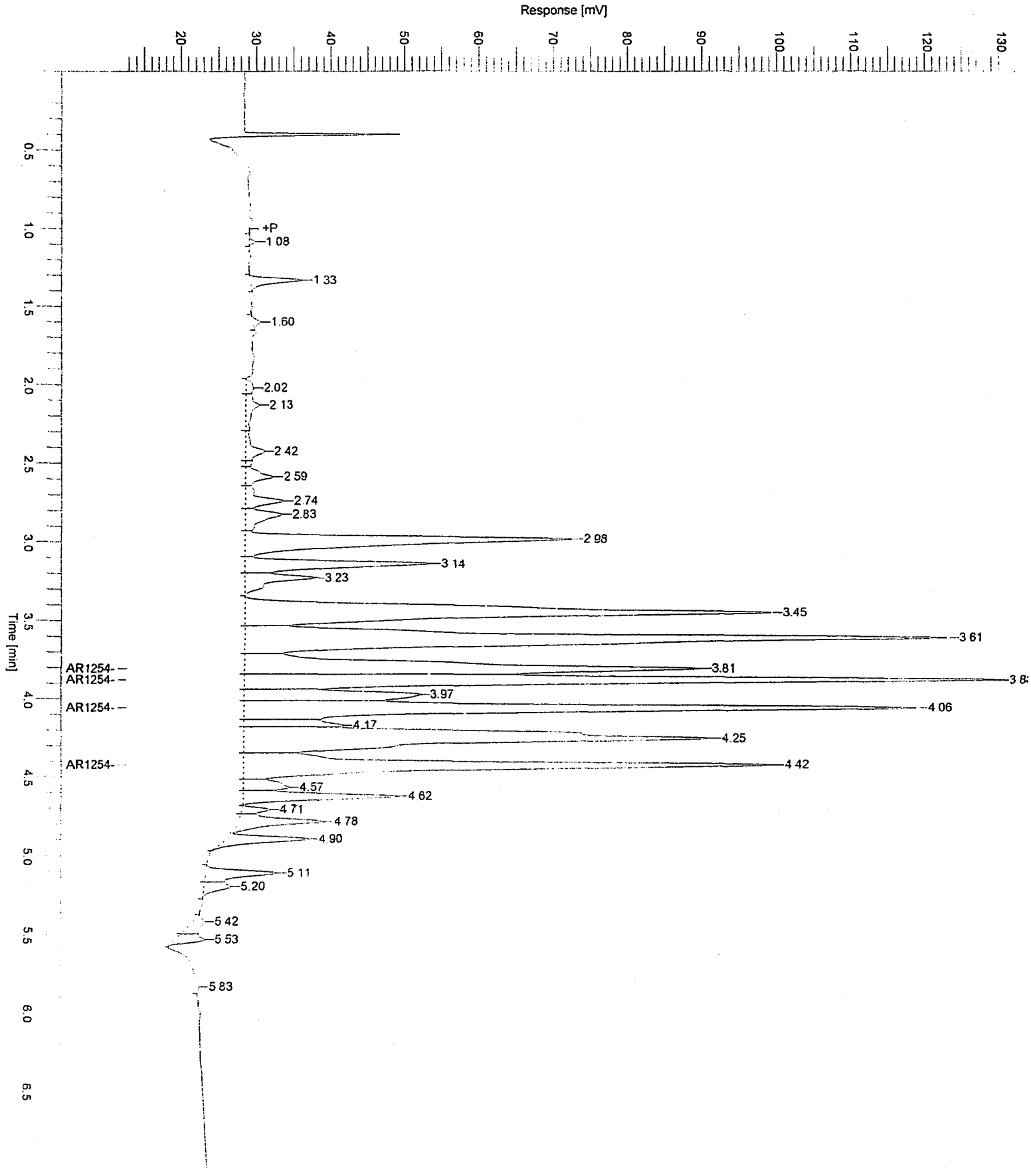
JUN 1 3 2006

Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.81	VV	244574	AR1254-A	0.5253	4 6561e+05	4 8915e+05	-12.5
3.88	VV	313420	AR1254-B	0.5635	5.5617e+05	6 2684e+05	-6.1
4 06	VV	301637	AR1254-C	0.4379	6.8879e+05	6 0327e+05	-27.0
4 42	VV	260780	AR1254-D	0.5502	4 7399e+05	5.2156e+05	-8 3
		1120410		2.0769		2 2408e+06	

Chromatogram

Sample Name : ACM54SA Sample #: 0.6NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12A45162.raw
Date : 06/13/2006 15:47:49
Method : 12DINS Time of Injection: 06/11/2006 17:48:38
Start Time : 0.00 min End Time : 7.00 min Low Point : 12.78 mV High Point : 130 08 mV
Scale Factor: 1.0 Plot Offset: 12.78 mV Plot Scale: 117.3 mV



TotalChrom Method File H:\TURBO6\5890-12\12B-66(06-11-06) mth
Printed by : RudzG on: 06/13/2006 16:21:55
Created by : DelongG on: 06/02/2006 13:23:40
Edited by : RudzG on: 06/13/2006 16:21:51
Number of Times Edited : 10
Number of Times Calibrated : 325
Description: NEW 7 PT 1016/1260 CURVE FOR INST #12 6/2/06

Global Sample Information

Default Sample Volume : 1.000 uL
Quantitation Units : ng
Void Time : 0.000 min
Correct amounts during calibration : Yes
Convert unknowns to concentration units : Yes
Reject outliers during calibration : No

An External Standard calibration will be used
Unknown peaks will be quantitated using a response factor of 1.000000e+06
First peak will be relative retention reference

Processed by: JUN 13 2006
Reviewed by: DYB 6/17/06

Component Information

TMX
Component Type : Single Peak Component
Retention Time : 1.597 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.030000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.020000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	33059.80	16592.02	————	————	1
B	0.0100	64298.93	31691.76	————	————	1
C	0.0200	120616.76	58329.84	————	————	1
D	0.0300	186167.29	88431.45	————	————	1
E	0.0400	223564.80	105868.51	————	————	1
F	0.0500	273721.20	128611.70	————	————	1

Calibration Curve : y = (-1087.812831) + (6811540.029577)x + (-26843990.940495)x^2 + (0.000000)x^3
R-squared : 0.997944

AR1016-A
Component Type : Single Peak Component
Retention Time : 1.962 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	7479.56	3279.29	————	————	1
b	0.1000	14717.07	6127.35	————	————	1
c	0.2500	33810.95	13762.44	————	————	1
d	0.5000	62339.84	24905.85	————	————	1
e	1.0000	110403.38	43720.63	————	————	1
f	2.5000	245765.48	96305.72	————	————	1
H	0.0250	4089.92	1766.75	————	————	1

Calibration Curve : y = (2698 482959) + (118584 535734)x + (-8582 758179)x^2 + (0 000000)x^3
R-squared : 0.999572

AR1016-B
Component Type : Single Peak Component
Retention Time : 2.252 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	17377.18	6797.95	----------	----------	1
b	0.1000	32040.85	12226.91	----------	----------	1
c	0.2500	68381.84	26395.81	----------	----------	1
d	0.5000	128688.11	47867.50	----------	----------	1
e	1.0000	224205.82	83563.69	----------	----------	1
f	2.5000	491504.28	182541.76	----------	----------	1
H	0.0250	9043.60	3674.31	----------	----------	1

Calibration Curve : y = (6866.855836) + (241160.127546)x + (-19003.035957)x^2 + (0.000000)x^3
R-squared : 0.999534

AR1016
Component Type : Named Group
Group Members
AR1016-A
AR1016-B
AR1016-C
AR1016-D
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.600000
Value 4 : 0.000000
Value 5 : 0.250000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp	# Replicates
a	0.0500	62015.90	24726.48	----------	----------	1
b	0.1000	125354.94	46364.13	----------	----------	1
c	0.2500	254819.94	99496.44	----------	----------	1
d	0.5000	504553.18	186890.48	----------	----------	1
e	1.0000	897567.81	331844.92	----------	----------	1
f	2.5000	2011758.67	743829.40	----------	----------	1
H	0.0250	32722.75	13267.60	----------	----------	1

Calibration Curve : y = (29465.435318) + (956247.941083)x + (-64134.905887)x^2 + (0.000000)x^3
R-squared : 0.999676

AR1016-C
Component Type : Single Peak Component
Retention Time : 2.537 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	26776.39	10527.91	----------	----------	1
b	0.1000	55063.27	19689.59	----------	----------	1
c	0.2500	109379.78	42655.01	----------	----------	1
d	0.5000	218933.43	80713.45	----------	----------	1
e	1.0000	394467.70	145095.23	----------	----------	1
f	2.5000	897470.42	331815.88	----------	----------	1
H	0.0250	13904.36	5618.40	----------	----------	1

Calibration Curve : y = (8446.602908) + (415820.882562)x + (-24174.676423)x^2 + (0.000000)x^3
R-squared : 0.999725

AR1016-D
Component Type : Single Peak Component
Retention Time : 2.642 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	10382.76	4121.33	----------	----------	1
b	0.1000	23533.75	8320.27	----------	----------	1
c	0.2500	43247.37	16683.17	----------	----------	1
d	0.5000	94591.81	33403.68	----------	----------	1
e	1.0000	168490.91	59465.37	----------	----------	1
f	2.5000	377018.49	133166.04	----------	----------	1
h	0.0250	5684.87	2208.15	----------	----------	1

Calibration Curve : y = (2453.493616) + (180682.395241)x + (-12374.435327)x^2 + (0.000000)x^3
R-squared : 0.999490

AR1260-A
Component Type : Single Peak Component
Retention Time : 4.512 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	10699.68	4564.60	----------	----------	1
b	0.1000	20594.19	8602.22	----------	----------	1
c	0.2500	47001.03	19379.62	----------	----------	1
d	0.5000	86005.30	35300.18	----------	----------	1
e	1.0000	153939.32	63481.67	----------	----------	1
f	2.5000	340184.89	141847.80	----------	----------	1
H	0.0250	5561.08	2385.28	----------	----------	1

Calibration Curve : y = (3711 391295) + (165284 063696)x + (-12325.878165)x^2 + (0 000000)x^3
R-squared : 0.999660

AR1260-B
Component Type . Single Peak Component
Retention Time . 4 641 min
Search Window . 3.00 s, 0.00 %
Reference Component .
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	25761.97	9046.79	————	————	1
b	0.1000	46564.21	16201.05	————	————	1
c	0.2500	107315.08	36795.29	————	————	1
d	0.5000	198134.84	67401.66	————	————	1
e	1.0000	365664.57	123753.32	————	————	1
f	2.5000	832451.65	283620.63	————	————	1
H	0.0250	13186.26	4669.09	————	————	1

Calibration Curve : y = (7892.595889) + (383547.391692)x + (-21564.796240)x^2 + (0.000000)x^3
R-squared : 0.999852

AR1260
Component Type : Named Group
Group Members
AR1260-A
AR1260-B
AR1260-C
AR1260-D
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.600000
Value 4 : 0.000000
Value 5 : 0.250000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	44224.65	16592.92	————	————	1
b	0.1000	85058.88	30755.64	————	————	1
c	0.2500	197373.70	70078.88	————	————	1
d	0.5000	367197.81	128691.25	————	————	1
e	1.0000	635816.98	230787.52	————	————	1
f	2.5000	1434759.34	522868.88	————	————	1
H	0.0250	22291.74	8468.09	————	————	1

Calibration Curve : y = (16728.135134) + (683334.128634)x + (-46745.629929)x^2 + (0.000000)x^3
R-squared : 0.999306

AR1260-C
Component Type : Single Peak Component
Retention Time : 5.248 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt	ISTD Resp	# Replicates
a	0.0500	2094.45	906.40	----------	----------	1
b	0.1000	4682.55	1870.30	----------	----------	1
c	0.2500	11204.54	4412.54	----------	----------	1
d	0.5000	22654.36	8370.40	----------	----------	1
e	1.0000	31124.89	13441.25	----------	----------	1
f	2.5000	68822.32	29975.87	----------	----------	1
H	0.0250	912.02	414.94	----------	----------	1

Calibration Curve : y = (1253.882706) + (36691.326669)x + (-3912.703635)x^2 + (0.000000)x^3
R-squared : 0.991900

AR1260-D
Component Type : Single Peak Component
Retention Time : 5.304 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	5668.55	2075.12	----------	----------	1
b	0.1000	13217.93	4082.07	----------	----------	1
c	0.2500	31853.04	9491.43	----------	----------	1
d	0.5000	60403.32	17619.01	----------	----------	1
e	1.0000	85088.21	30111.28	----------	----------	1
f	2.5000	193300.48	67424.58	----------	----------	1
h	0.0250	2632.38	998.78	----------	----------	1

Calibration Curve : y = (3870.265245) + (97811.346576)x + (-8942.251889)x^2 + (0.000000)x^3
R-squared : 0.992867

DCBP
Component Type : Single Peak Component
Retention Time : 5.783 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.030000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.020000
Value 6 : 0.010000
Value 7 : 1.000000

Calibration Level

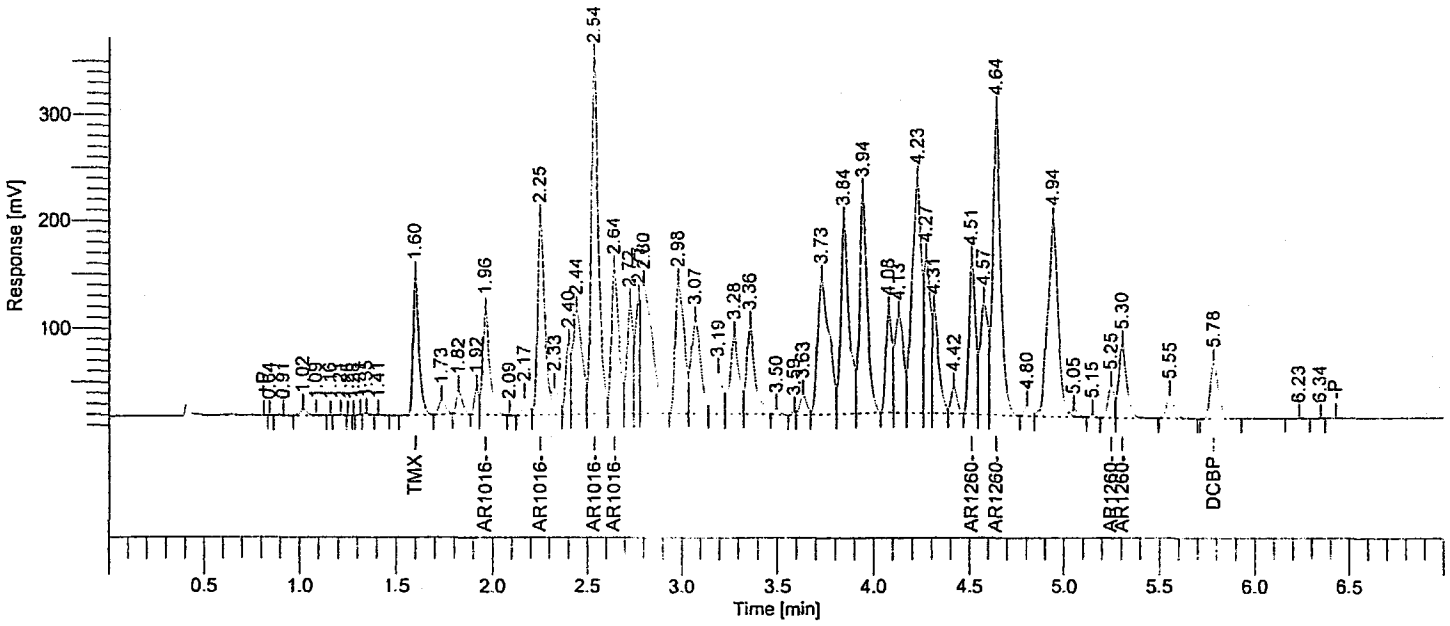
Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	20489.60	7051.55	----------	----------	1
B	0.0100	39269.20	13193.74	----------	----------	1
C	0.0200	72595.88	23745.52	----------	----------	1
D	0.0300	108938.00	0.00	----------	----------	0
E	0.0400	128805.20	41915.20	----------	----------	1
F	0.0500	157037.00	51261.16	----------	----------	1

06/13/2006 16:21:55 Method: H:\TURBO6\5890-12\12B-66(06-11-06).mth

Calibration Curve . y = (662.180088) + (4047493.569665)x + (-18859674.673974)x^2 + (0.000000)x^3
R-squared : 0.997796

Software Version	: 6.2.1.0.104:0104	Date	: 06/13/2006 15:47:57
Reprocess Number	: buf23: 893		
Operator	: tchrom	Sample Name	: ICM66NC
Sample Number	: 2 5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/11/2006 18:08:25	Cycle	: 11

Raw Data File : H:\TURBO6\5890-12\12B45163.raw <Modified>
Result File : H:\TURBO6\5890-12\12B45163.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B45163.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B45163 rst
Calib Method : h:\turbo6\5890-12\12b-66(06-11-06).mth from H:\TURBO6\5890-12\12B45163.rst
Report Format File: h:\turbo6\5890-12\samp.rpt
Sequence File : H:\TURBO6\5890-12\12D45.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
12	1.60	BB	273721	TMX	0.0500	----	0
	2.54		2011759	AR1016	2.5000	0 6250	4
	4.64		1434759	AR1260	2.5000	0.6250	4
55	5.78	BB	157037	DCBP	0.0500	----	0
			3877276			1.2500	

JUN 1 3 2006

Group Report For : AR1016

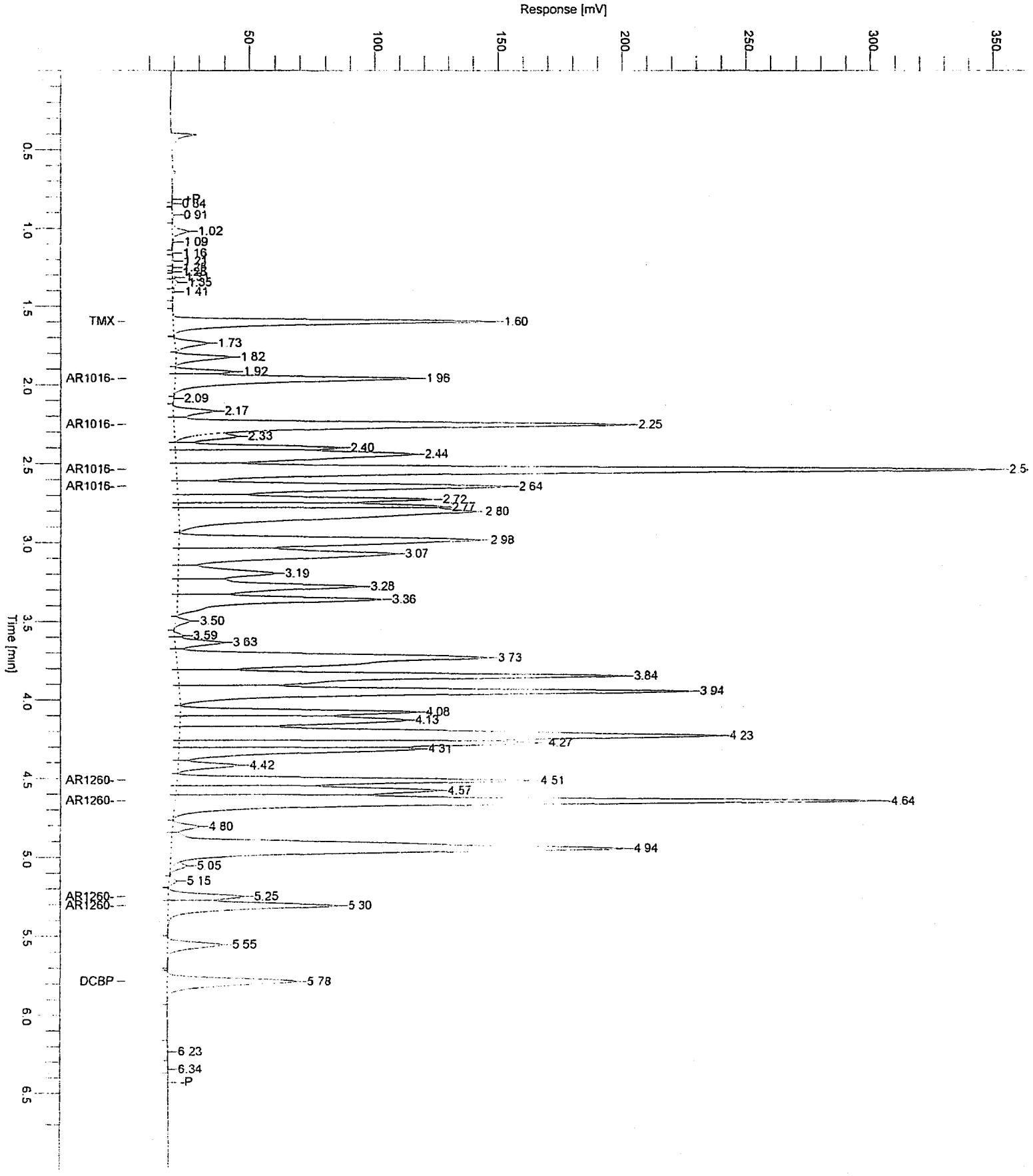
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
16	1.96	VB	245765	AR1016-A	2.5000	0 6250	4
19	2.25	VE	491504	AR1016-B	2.5000	0.6250	4
23	2.54	VV	897470	AR1016-C	2.5000	0.6250	4
24	2.64	VV	377018	AR1016-D	2.5000	0.6250	4
			2011759			2.5000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
45	4.51	BV	340185	AR1260-A	2.5000	0.6250	4
47	4 64	VB	832452	AR1260-B	2.5000	0 6250	4
52	5 25	BV	68822	AR1260-C	2.5000	0 6250	4
53	5.30	VB	193300	AR1260-D	2.5000	0 6250	4
			1434759			2 5000	

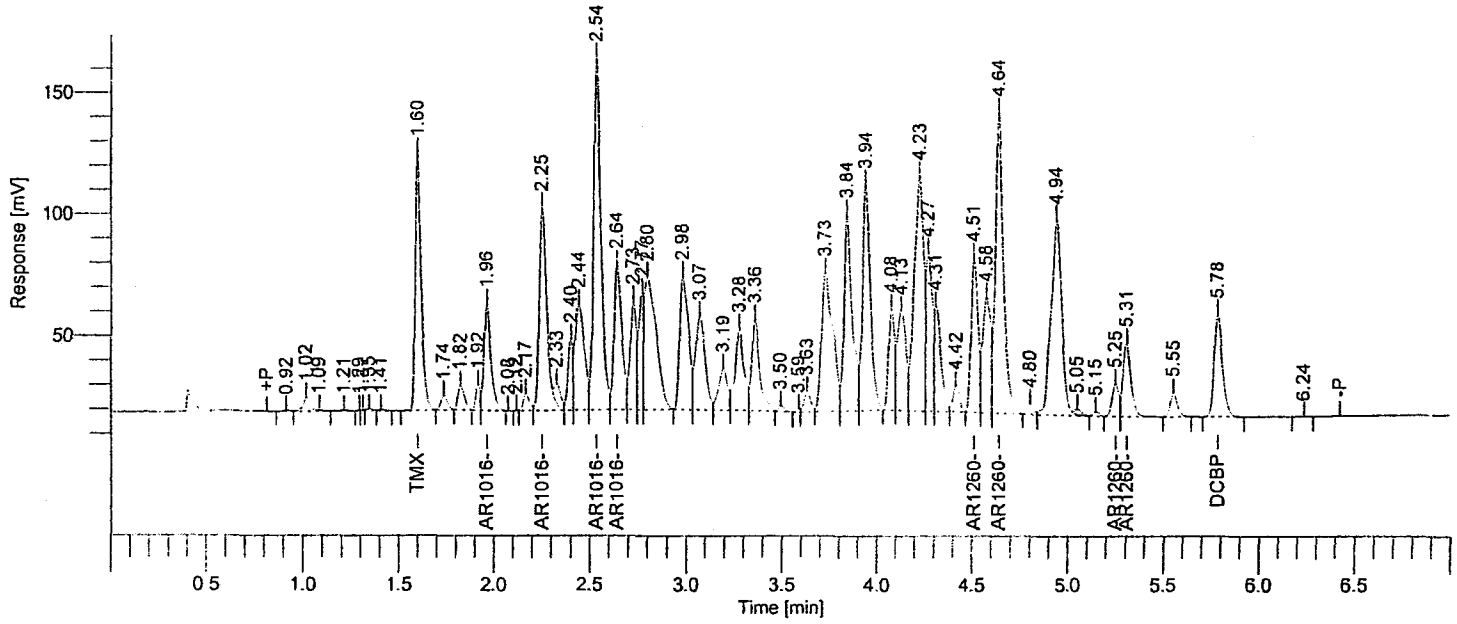
Chromatogram

Sample Name ICM66NC Sample #: 2.5NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12B45163.raw
Date : 06/13/2006 15:47:57
Method : 12DINS Time of Injection: 06/11/2006 18:08:25
Start Time : 0.00 min End Time : 7.00 min Low Point : 0.69 mV High Point : 352.26 mV
Scale Factor: 1.0 Plot Offset: 0.69 mV Plot Scale: 351.6 mV



Software Version	: 6 2.1 0 104:0104	*Date*	: 06/13/2006 16:15:27
Reprocess Number	: buf23: 908		
Operator	: tchrom	Sample Name	: ICM66ND
Sample Number	: 1 0NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5 0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1 0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/11/2006 18:28:07	Cycle	: 1

Raw Data File : H:\TURBO6\5890-12\12B45164 raw <Modified>
Result File : H:\TURBO6\5890-12\12B45164.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B45164.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B45164.rst
Calib Method : h:\turbo6\5890-12\12b-66(06-11-06).mth from H:\TURBO6\5890-12\12B45164.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D45.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
9	1.60	BB	223565	TMX	0.0400	------	0
	2.54		897568	AR1016	1 0000	0.2500	4
	4.64		635817	AR1260	1.0000	0.2500	4
53	5.78	BB	128805	DCBP	0.0400	------	0
			1885755			0.5000	

JUN 1 3 2006

Group Report For : AR1016

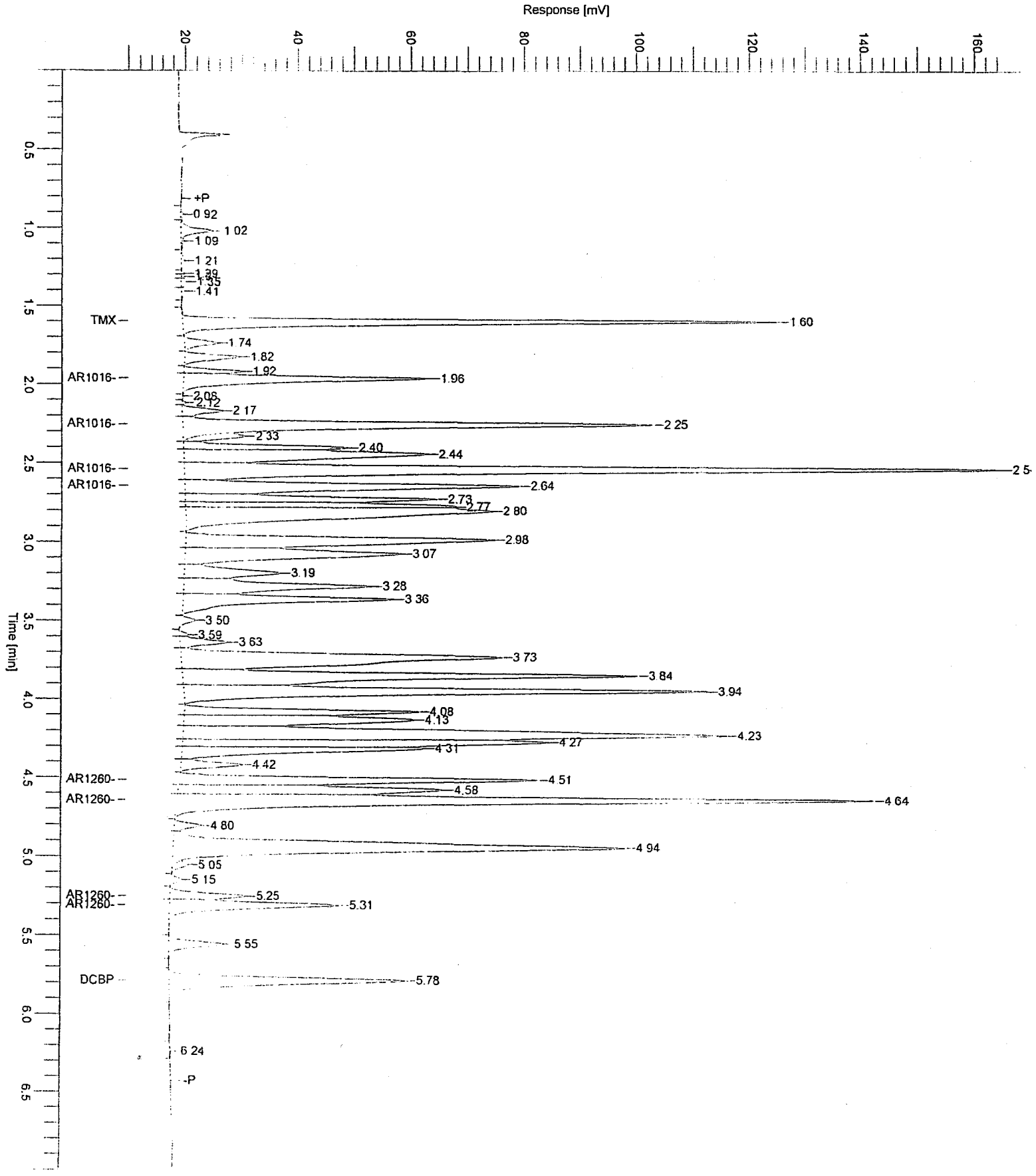
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
13	1.96	VB	110403	AR1016-A	1.0000	0.2500	4
17	2 25	VE	224206	AR1016-B	1 0000	0.2500	4
21	2 54	VV	394468	AR1016-C	1.0000	0.2500	4
22	2 64	VV	168491	AR1016-D	1 0000	0.2500	4
			897568			1.0000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
43	4 51	BV	153939	AR1260-A	1.0000	0.2500	4
45	4 64	VB	365665	AR1260-B	1.0000	0.2500	4
50	5 25	BV	31125	AR1260-C	1 0000	0 2500	4
51	5 31	VB	85088	AR1260-D	1.0000	0.2500	4
			635817			1 0000	

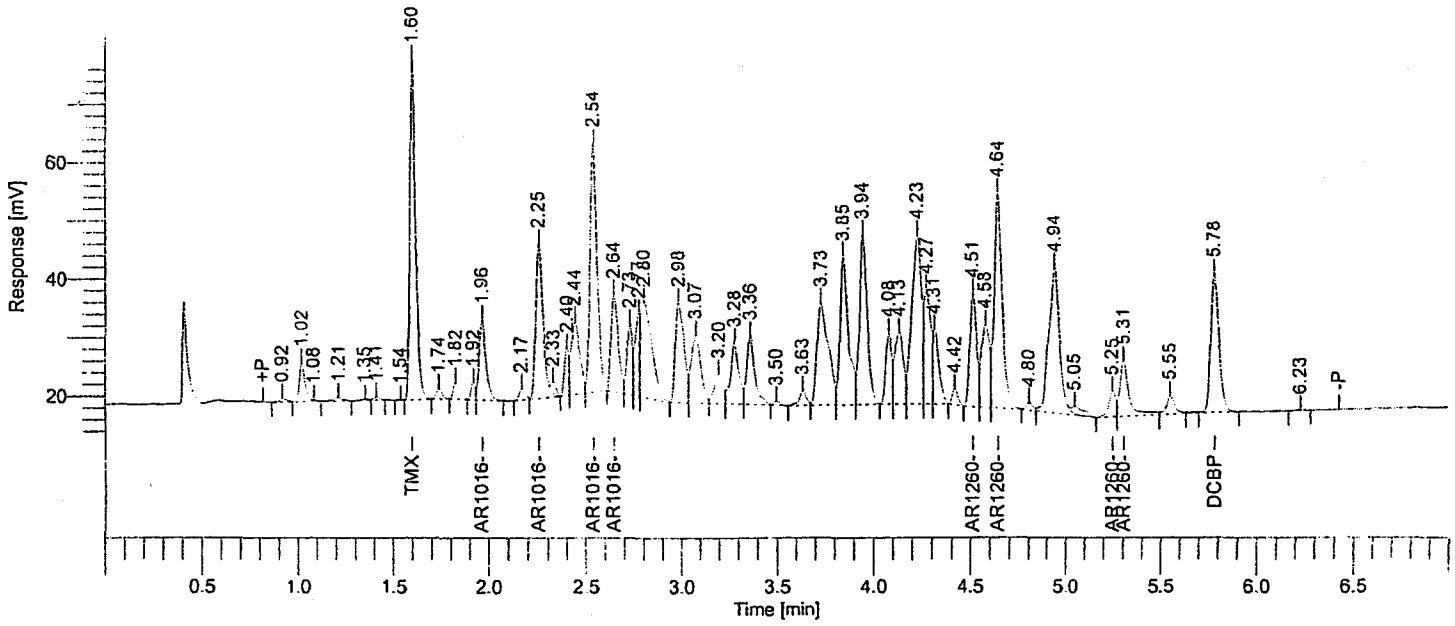
Chromatogram

Sample Name : ICM66ND Sample #: 1.0NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12B45164 raw
Date : 06/13/2006 16:15:28
Method : 12DINS Time of Injection: 06/11/2006 18:28:07
Start Time : 0.00 min End Time : 7 00 min Low Point : 9.95 mV High Point : 164 93 mV
Scale Factor: 1.0 Plot Offset: 9 95 mV Plot Scale: 155.0 mV



Software Version	: 6.2.1.0 104:01-04	Date	: 06/13/2006 15:48:12
Reprocess Number	: buf23: 899		
Operator	: tchrom	Sample Name	: ICM66NE
Sample Number	: 0.25NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/11/2006 19:07:30	Cycle	: 14

Raw Data File : H:\TURBO6\5890-12\12B45166.raw <Modified>
Result File : H:\TURBO6\5890-12\12B45166.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B45166.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B45166.rst
Calib Method : h:\turbo6\5890-12\12b-66(06-11-06).mth from H:\TURBO6\5890-12\12B45166.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D45.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
8	1.60	VB	120617	TMX	0.0200	——	0
	2.54		254820	AR1016	0.2500	0.0625	4
	4.64		197374	AR1260	0.2500	0.0625	4
48	5.78	VB	72596	DCBP	0.0200	——	0
			645406			0.1250	

JUN 13 2006

Group Report For : AR1016

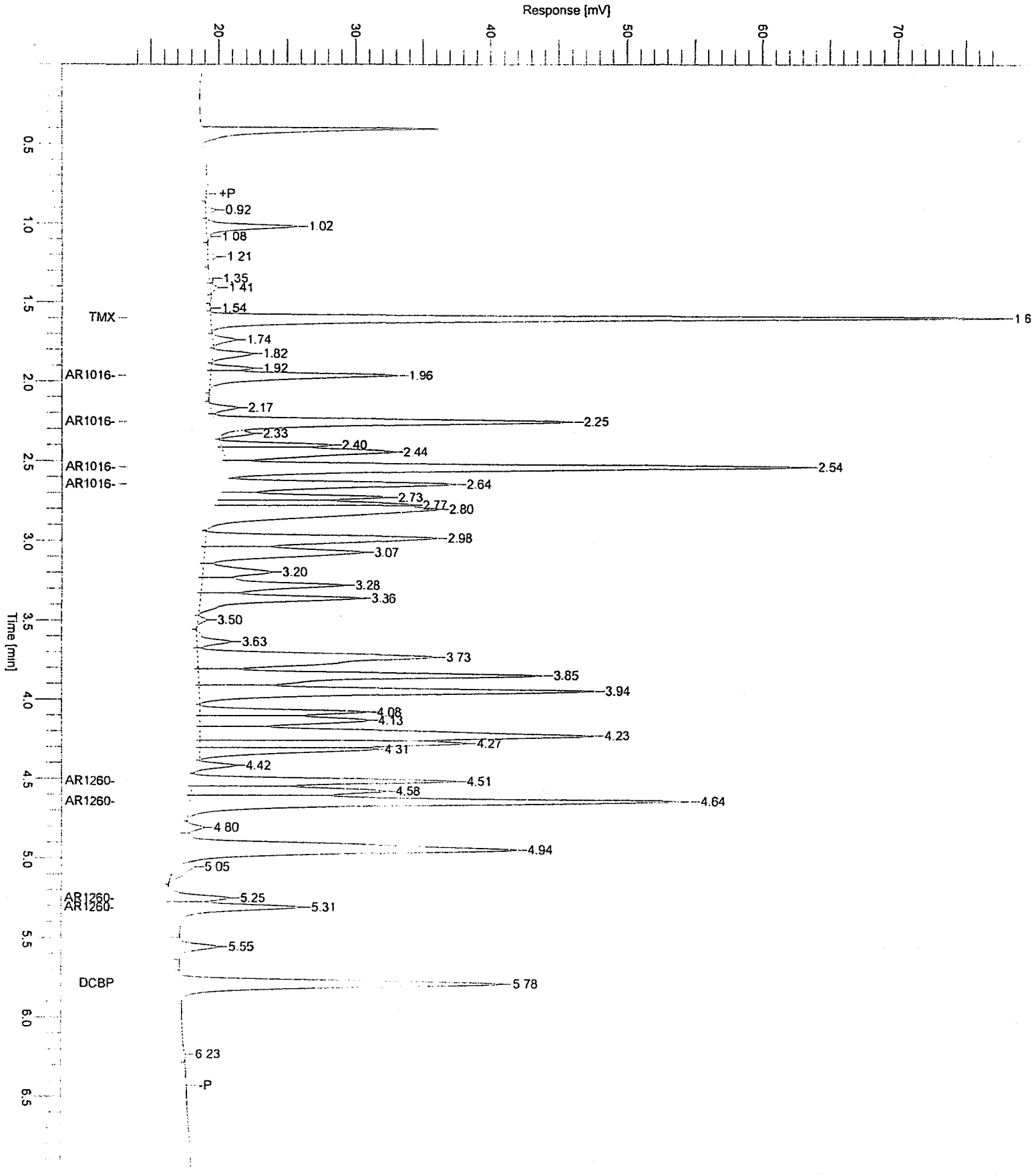
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
12	1.96	VB	33811	AR1016-A	0.2500	0.0625	4
14	2.25	VE	68382	AR1016-B	0.2500	0.0625	4
18	2.54	VB	109380	AR1016-C	0.2500	0.0625	4
19	2.64	BV	43247	AR1016-D	0.2500	0.0625	4
			254820			0.2500	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
39	4.51	BV	47001	AR1260-A	0.2500	0.0625	4
41	4.64	VB	107315	AR1260-B	0.2500	0.0625	4
45	5.25	BV	11205	AR1260-C	0.2500	0.0625	4
46	5.31	VV	31853	AR1260-D	0.2500	0.0625	4
			197374			0.2500	

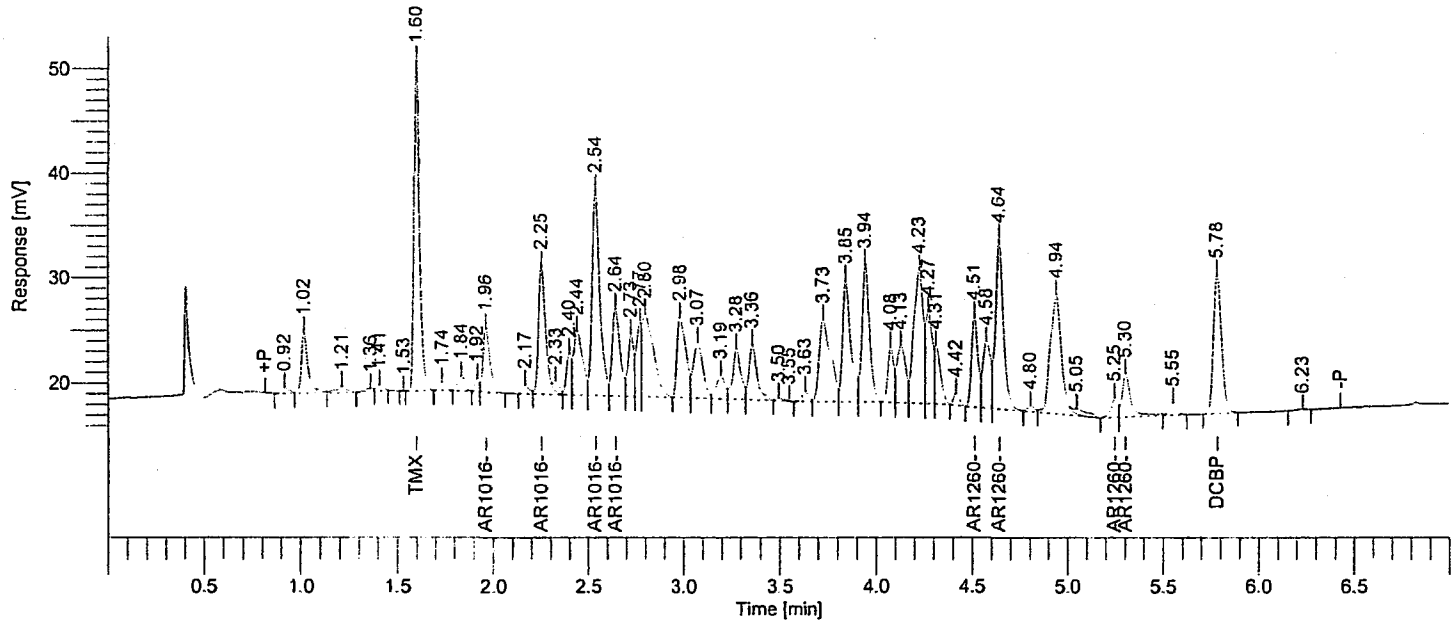
Chromatogram

Sample Name : ICM66NE Sample #: 0 25NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12B45166 raw
Date : 06/13/2006 15:48:13
Method : 12DINS Time of Injection: 06/11/2006 19:07:30
Start Time : 0.00 min End Time : 7 00 min Low Point : 13 28 mV High Point : 77.76 mV
Scale Factor: 1 0 Plot Offset: 13 28 mV Plot Scale: 64 5 mV



Software Version	: 6 2.1 0 104:0104	Date	: 06/13/2006 15:48:16
Reprocess Number	: buf23: 901		
Operator	: tchrom	Sample Name	: ICM66NF
Sample Number	: 0 1NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5 0000 pts/s		
Sample Volume	: 1 000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1 0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/11/2006 19:27:15	Cycle	: 15

Raw Data File : H:\TURBO6\5890-12\12B45167.raw <Modified>
Result File : H:\TURBO6\5890-12\12B45167.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B45167 raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B45167.rst
Calib Method : h:\turbo6\5890-12\12b-66(06-11-06).mth from H:\TURBO6\5890-12\12B45167.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D45.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc	AVG NG CONC (5pts)	# PEAKS USED
7	1.60	VB	64299	TMX	0.0100	——	0
	2.54		125355	AR1016	0 1000	0.0250	4
	4.64		85059	AR1260	0.1000	0.0250	4
48	5.78	BB	39269	DCBP	0.0100	——	0
			313982			0.0500	

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc	AVG NG CONC (5pts)	# PEAKS USED
11	1.96	VB	14717	AR1016-A	0 1000	0.0250	4
13	2.25	VE	32041	AR1016-B	0.1000	0 0250	4
17	2.54	VV	55063	AR1016-C	0 1000	0 0250	4
18	2 64	VV	23534	AR1016-D	0 1000	0.0250	4
			125355			0.1000	

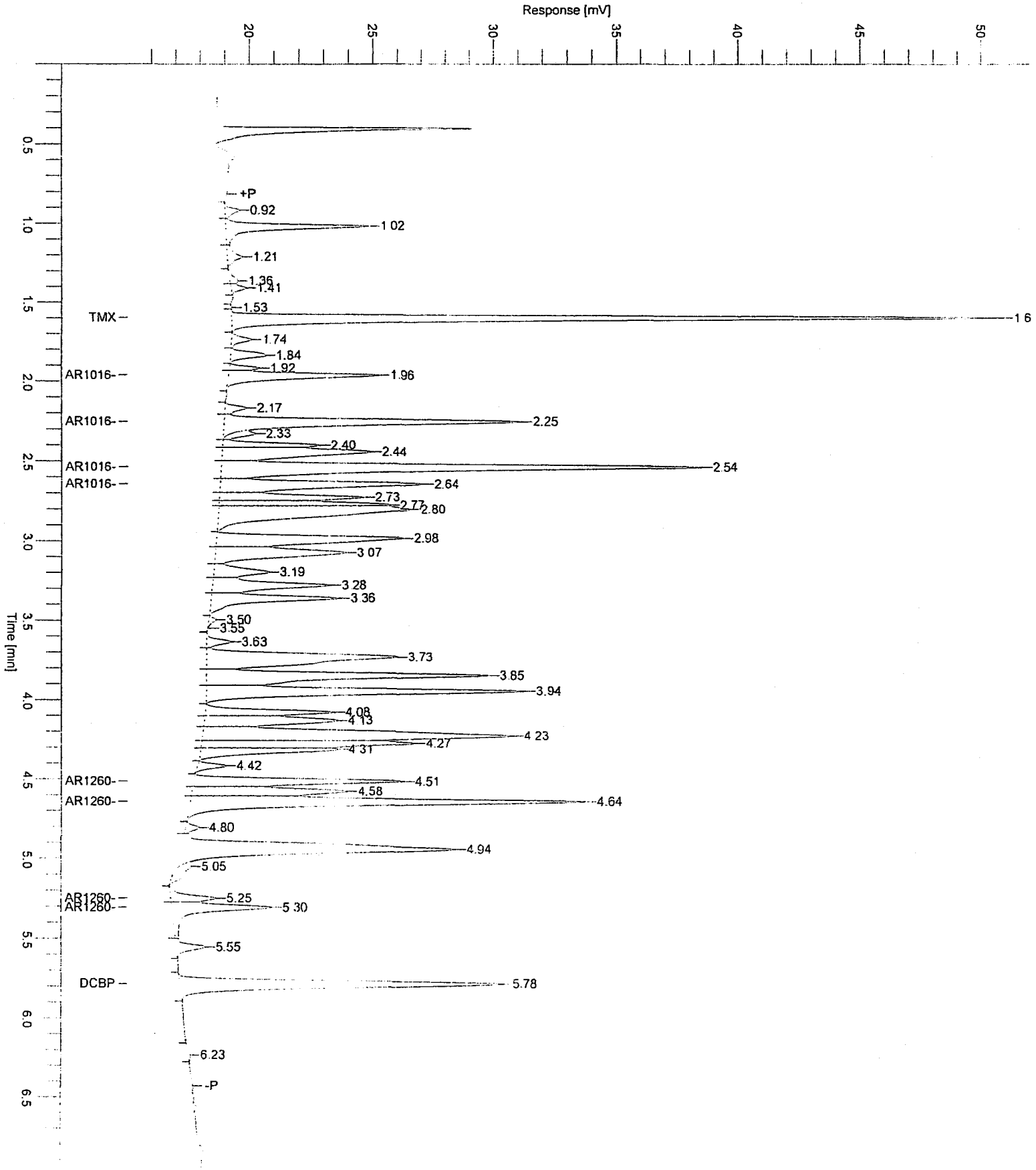
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc	AVG NG CONC (5pts)	# PEAKS USED
39	4 51	BV	20594	AR1260-A	0.1000	0 0250	4
41	4.64	VB	46564	AR1260-B	0 1000	0 0250	4
45	5.25	BV	4683	AR1260-C	0 1000	0.0250	4
46	5.30	VV	13218	AR1260-D	0 1000	0.0250	4
			85059			0.1000	

JUN 13 2006

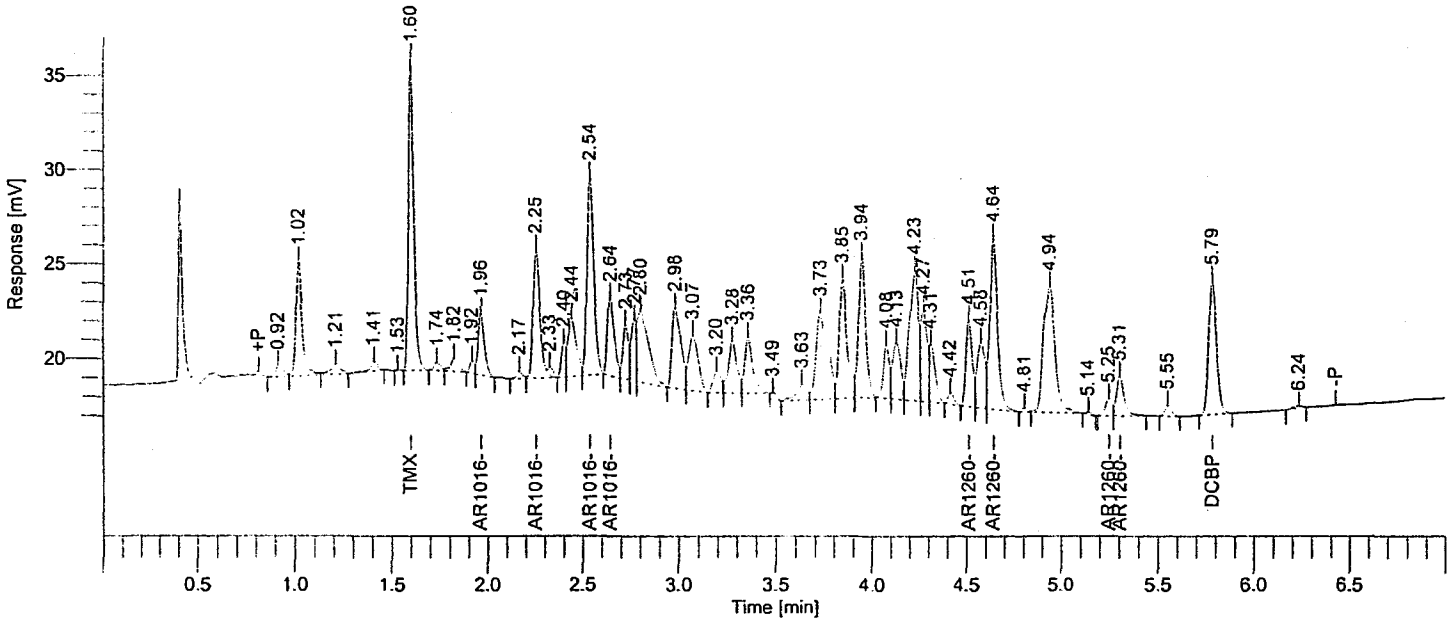
Chromatogram

Sample Name : ICM66NF Sample #: 0 1NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12B45167 raw
Date : 06/13/2006 15:48:17
Method : 12DINS Time of Injection: 06/11/2006 19:27:15
Start Time : 0.00 min End Time : 7.00 min Low Point : 15 03 mV High Point : 50.93 mV
Scale Factor: 1 0 Plot Offset: 15 03 mV Plot Scale: 35.9 mV



Software Version	: 6.2 1 0.104:0104	Date	: 06/13/2006 15:48:21
Reprocess Number	. buf23; 903		
Operator	. tchrom	Sample Name	: ICM66NG
Sample Number	: 0.05NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7 00 min
Sampling Rate	: 5 0000 pts/s		
Sample Volume	: 1 000000 uL	Area Reject	: 1000 000000
Sample Amount	: 1 0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/11/2006 19:46:58	Cycle	: 16

Raw Data File : H:\TURBO6\5890-12\12B45168.raw <Modified>
Result File : H:\TURBO6\5890-12\12B45168.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B45168.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B45168.rst
Calib Method : h:\turbo6\5890-12\12b-66(06-11-06).mth from H:\TURBO6\5890-12\12B45168.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D45.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
6	1.60	BB	33060	TMX	0.0050	——	0
	2.54		62016	AR1016	0.0500	0.0125	4
	4.64		44225	AR1260	0.0500	0.0125	4
46	5.79	BB	20490	DCBP	0.0050	——	0
			159790			0.0250	

JUN 13 2006

Group Report For : AR1016

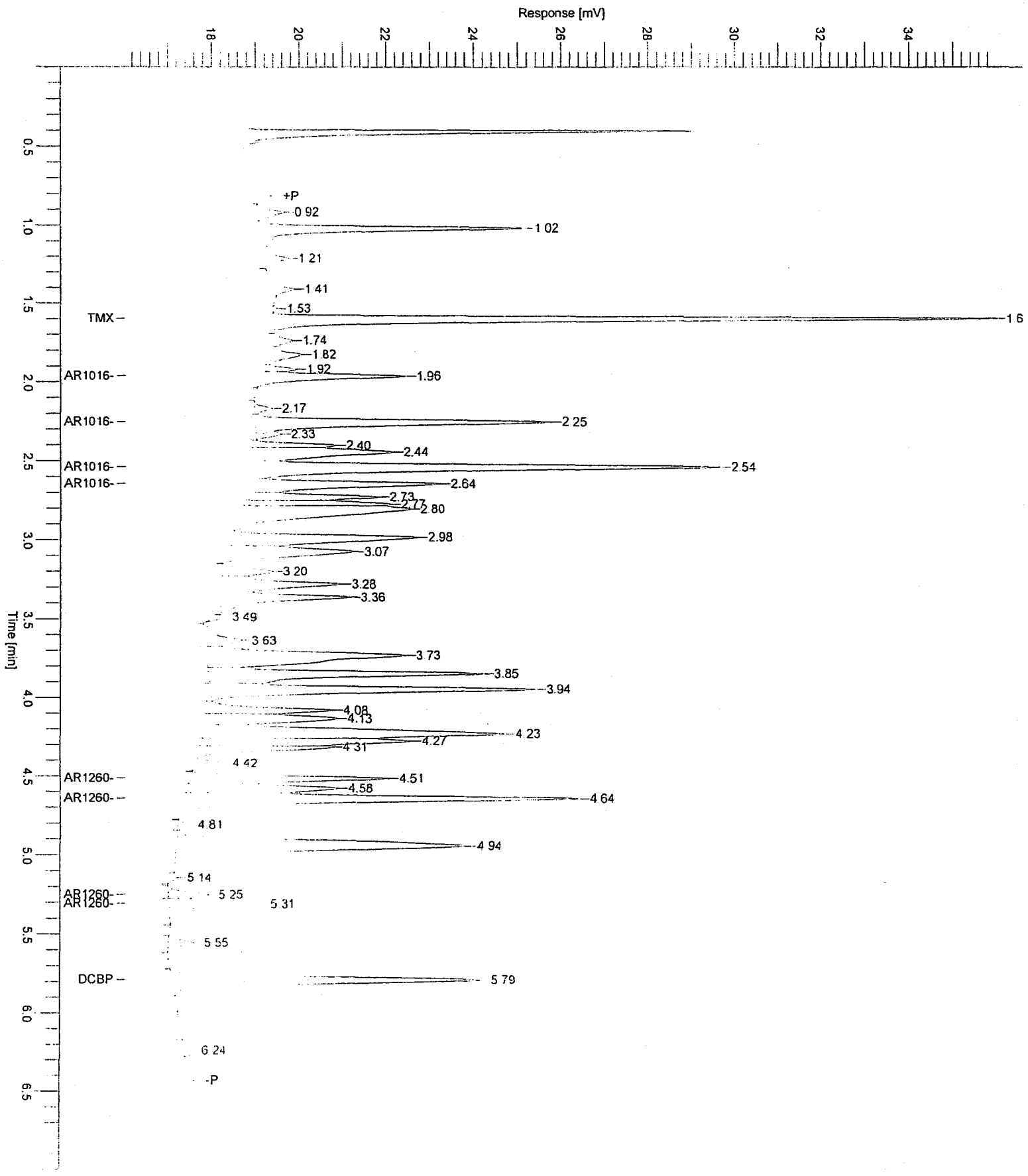
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
10	1.96	VB	7480	AR1016-A	0.0500	0 0125	4
12	2 25	VE	17377	AR1016-B	0.0500	0 0125	4
16	2 54	VB	26776	AR1016-C	0.0500	0.0125	4
17	2 64	BV	10383	AR1016-D	0 0500	0.0125	4
			62016			0.0500	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
37	4.51	BV	10700	AR1260-A	0.0500	0.0125	4
39	4 64	VB	25762	AR1260-B	0.0500	0.0125	4
43	5.25	BV	2094	AR1260-C	0.0500	0.0125	4
44	5.31	VB	5669	AR1260-D	0.0500	0.0125	4
			44225			0.0500	

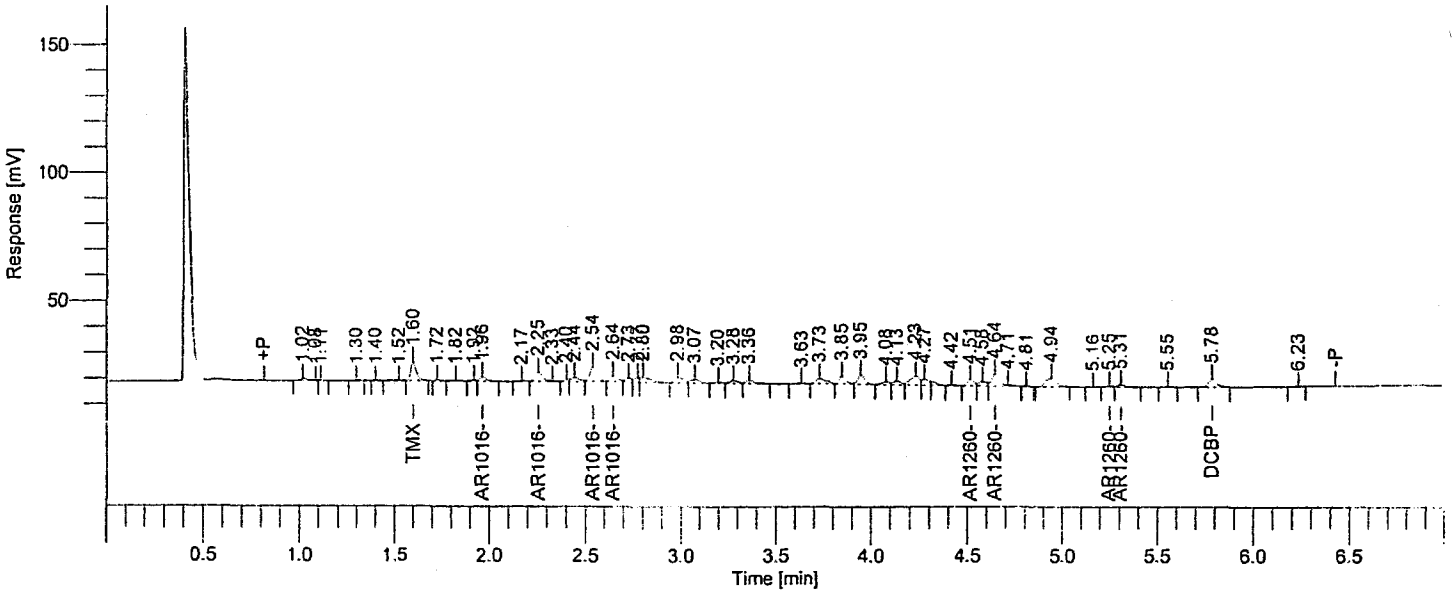
Chromatogram

Sample Name . ICM66NG Sample #: 0.05NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12B45168.raw
Date : 06/13/2006 15:48:21
Method : 12DINS Time of Injection: 06/11/2006 19:46:58
Start Time : 0 00 min End Time : 7.00 min Low Point : 16 06 mV High Point : 35.99 mV
Scale Factor: 1 0 Plot Offset: 16 06 mV Plot Scale: 19.9 mV



Software Version	: 6.2 1.0.104:0104	Date	: 06/13/2006 15:48:24
Reprocess Number	: buf23: 905		
Operator	: tchrom	Sample Name	: ICM66NE
Sample Number	: 0.025NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7 00 min
Sampling Rate	: 5 0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1 00
Data Acquisition Time	: 06/11/2006 20:06:42	Cycle	: 17

Raw Data File : H:\TURBO6\5890-12\12B45169.raw <Modified>
Result File : H:\TURBO6\5890-12\12B45169.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B45169.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B45169.rst
Calib Method : h:\turbo6\5890-12\12b-66(06-11-06).mth from H:\TURBO6\5890-12\12B45169.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D45.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
7	1.60	VV	14628	TMX	0.0020	——	0
	2 54		32723	AR1016	0 0250	0.0063	4
	4.64		22292	AR1260	0.0250	0.0063	4
46	5.78	BB	8955	DCBP	0.0019	——	0
			78597			0.0125	

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
11	1.96	VB	4090	AR1016-A	0.0250	0 0063	4
13	2.25	BE	9044	AR1016-B	0.0250	0.0063	4
17	2.54	VB	13904	AR1016-C	0.0250	0 0063	4
18	2.64	BV	5685	AR1016-D	0 0250	0 0063	4
			32723			0 0250	

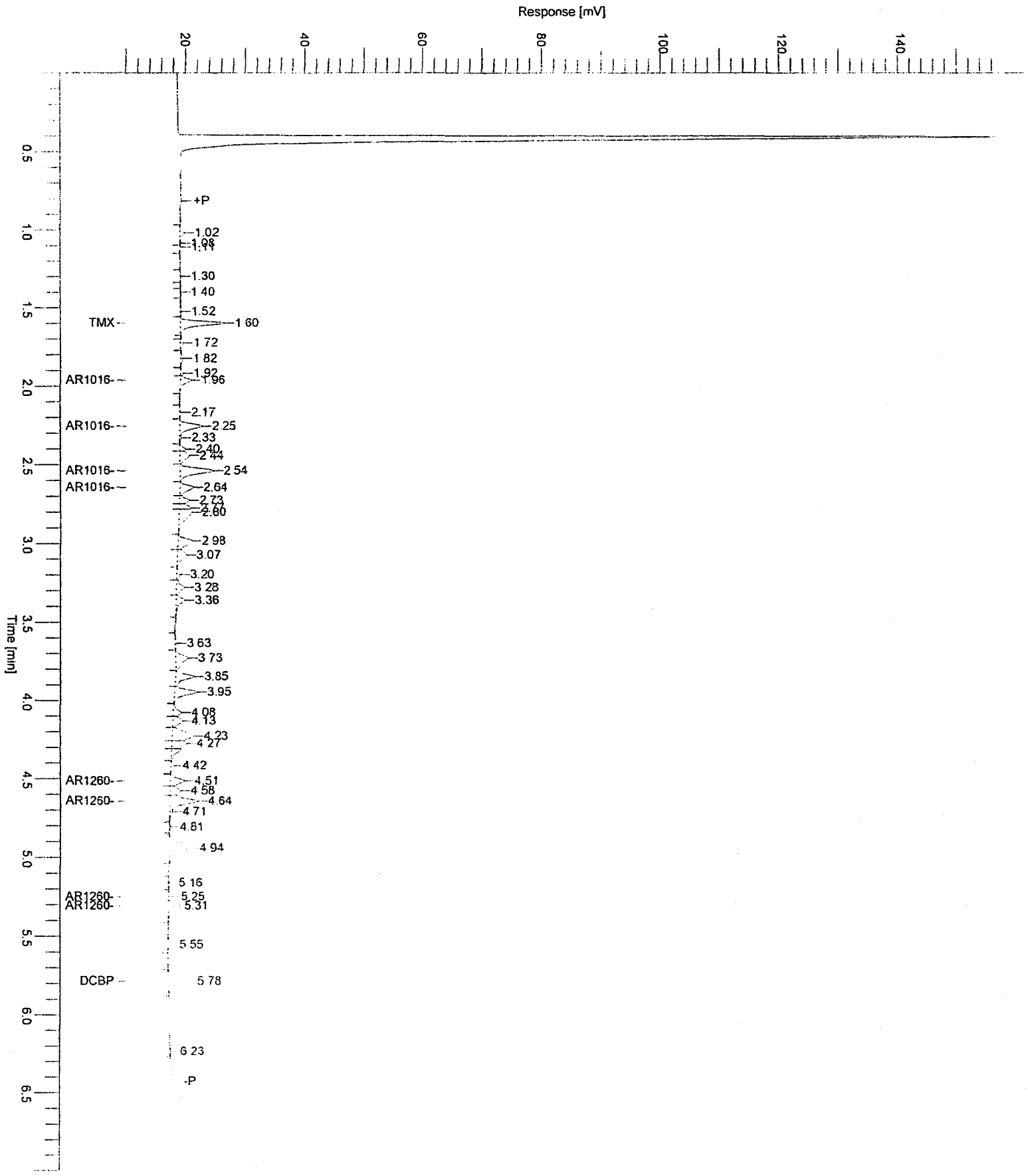
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
36	4 51	BV	5561	AR1260-A	0 0250	0 0063	4
38	4.64	VE	13186	AR1260-B	0 0250	0.0063	4
43	5.25	BV	912	AR1260-C	0 0250	0.0063	4
44	5.31	VB	2632	AR1260-D	0 0250	0.0063	4
			22292			0 0250	

JUN . . 2006

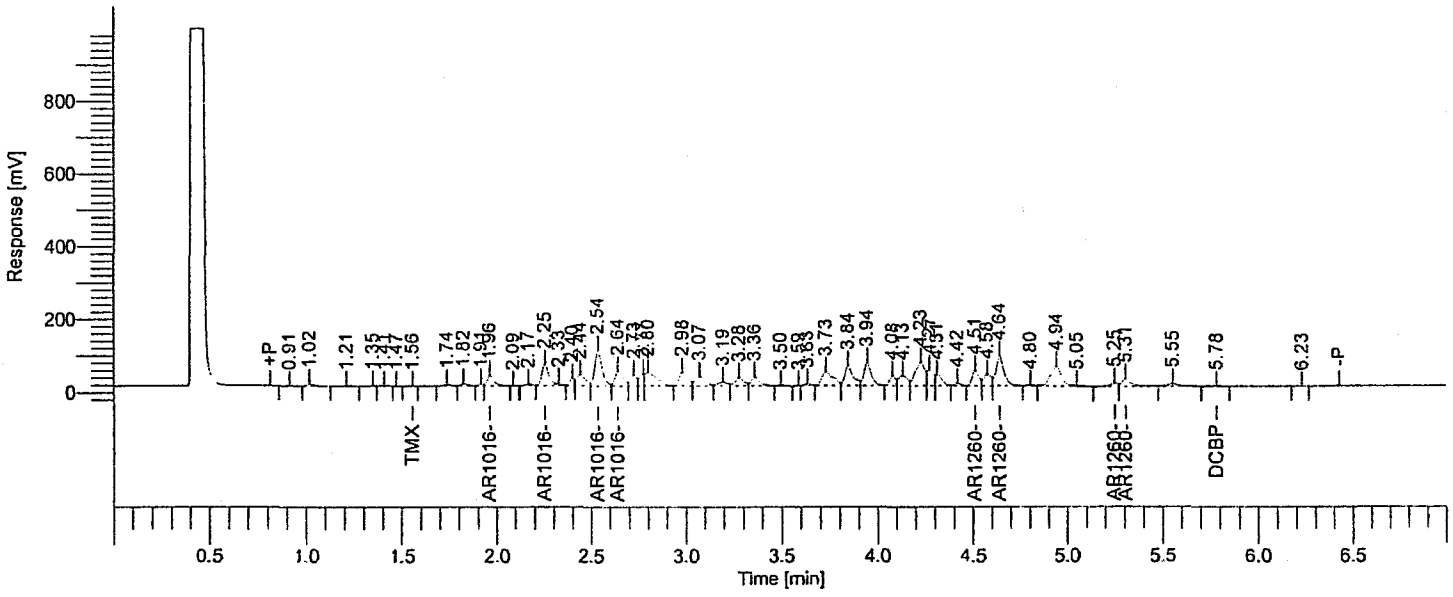
Chromatogram

Sample Name : ICM66NE Sample #: 0.025NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12B45169.raw
Date : 06/13/2006 15:48:25
Method : 12DINS Time of Injection: 06/11/2006 20:06:42
Start Time : 0.00 min End Time : 7.00 min Low Point : 9.98 mV High Point : 156.95 mV
Scale Factor: 1.0 Plot Offset: 9.98 mV Plot Scale: 147.0 mV



Software Version	: 6 2.1.0.104:0104	Date	: 06/13/2006 16:25:42
Reprocess Number	. buf23: 910		
Operator	: tchrom	Sample Name	: ACM66FA
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5 0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/11/2006 20:26:23	Cycle	: 1

Raw Data File : H:\TURBO6\5890-12\12B45170.raw <Modified>
Result File : H:\TURBO6\5890-12\12B45170.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B45170.raw
Proc Method : h:\turbo6\5890-12\bproc.mth from H:\TURBO6\5890-12\12B45170.rst
Calib Method : h:\turbo6\5890-12\12b-66(06-11-06) mth from H:\TURBO6\5890-12\12B45170.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-12\12D45.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.54		602289	AR1016	0.6355	9.4769e+05	1.2046e+06	5.9
4.64		442524	AR1260	0.6522	6.7849e+05	8 8505e+05	8.7
		1044813		1.2877		2.0896e+06	

Group Report For : AR1016

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.96	VB	69627	AR1016-A	0.5895	1.1810e+05	1 3925e+05	-1 7
2.25	VE	152560	AR1016-B	0.6360	2.3987e+05	3 0512e+05	6.0
2.54	VV	262904	AR1016-C	0.6354	4.1375e+05	5 2581e+05	5.9
2.64	VV	117198	AR1016-D	0.6654	1.7614e+05	2 3440e+05	10 9
		602289		2.5264		1.2046e+06	

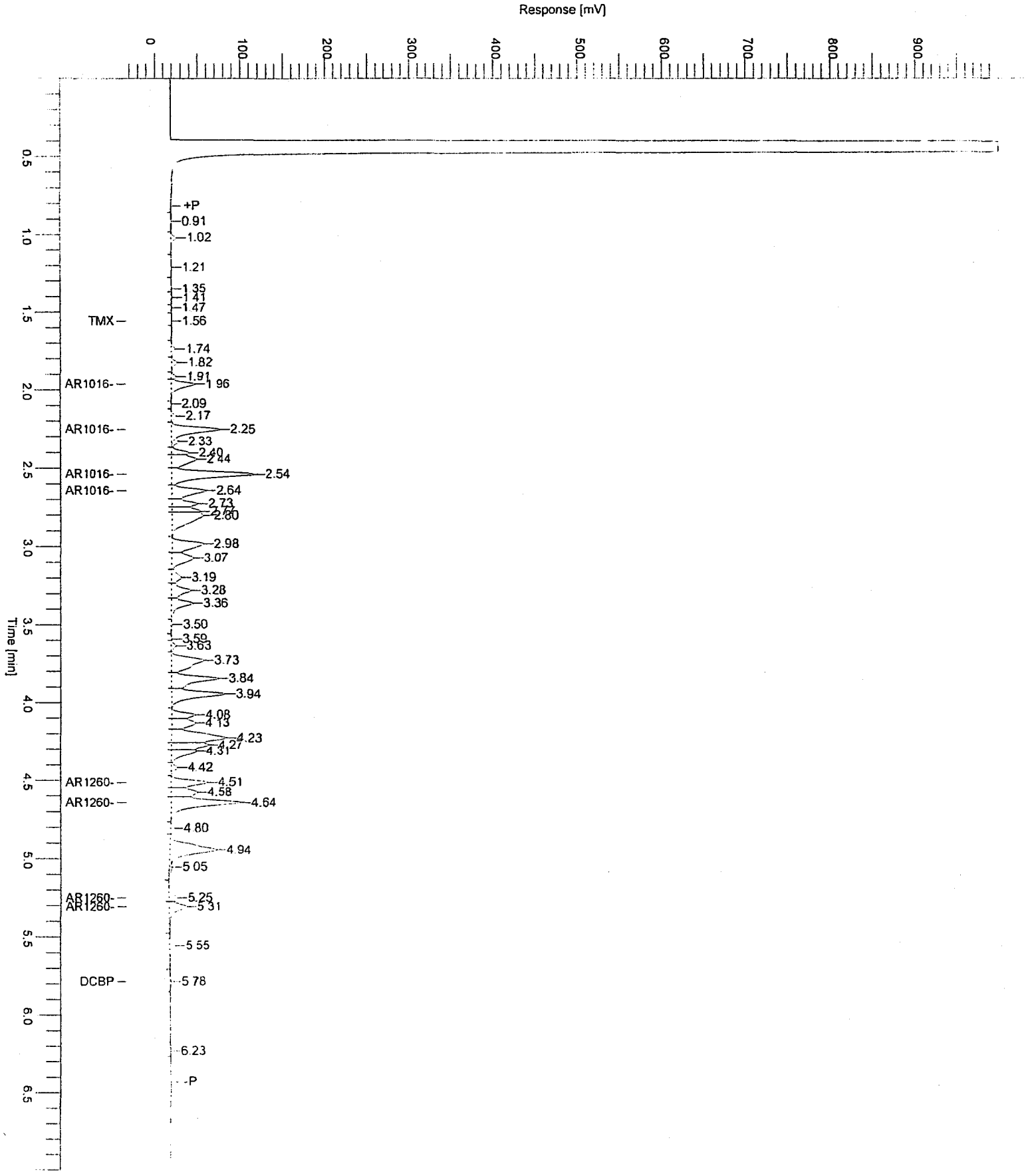
JUN 1 3 2006

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
4.51	BV	103500	AR1260-A	0.6337	1.6333e+05	2 0700e+05	5.6
4.64	VB	240908	AR1260-B	0.6298	3.8250e+05	4 8182e+05	5.0
5.25	BV	26883	AR1260-C	0.7601	35366.7543	53766.3415	26.7
5.31	VV	71233	AR1260-D	0.7386	96447.1154	1.4247e+05	23 1
		442524		2.7622		8.8505e+05	

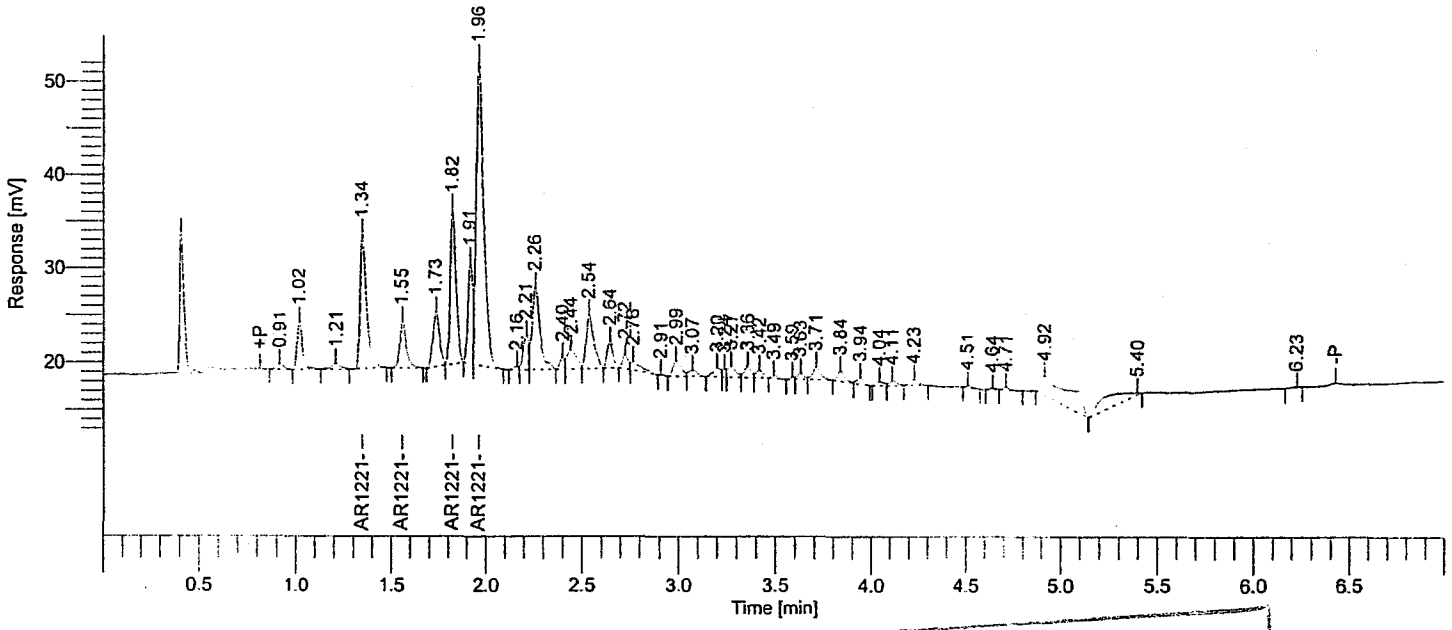
Chromatogram

Sample Name . ACM66FA Sample #: 0 6NG Page 1 of 1
FileName . H:\TURBO6\5890-12\12B45170.raw
Date : 06/13/2006 16:25:43
Method . 12DINS Time of Injection: 06/11/2006 20:26:23
Start Time . 0 00 min End Time : 7.00 min Low Point : -34.16 mV High Point : 1000.00 mV
Scale Factor: 1.0 Plot Offset: -34.16 mV Plot Scale: 1034 2 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/13/2006 15:46:51
Reprocess Number	: buf23: 873		
Operator	: tchrom	Sample Name	: ICM21SA
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5 0000 pts/s		
Sample Volume	: 1 000000 uL	Area Reject	: 1000 000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/11/2006 14:51:06	Cycle	: 1

Raw Data File : H:\TURBO6\5890-12\12B45153.raw <Modified>
Result File : H:\TURBO6\5890-12\12B45153.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B45153.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B45153.rst
Calib Method : h:\turbo6\5890-12\12b-21(06-11-06).mth from H:\TURBO6\5890-12\12B45153.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D45.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	1 96		170139	AR1221	0.5000	0.1250	4
			170139			0.1250	

Processed by: JUN 13 2006

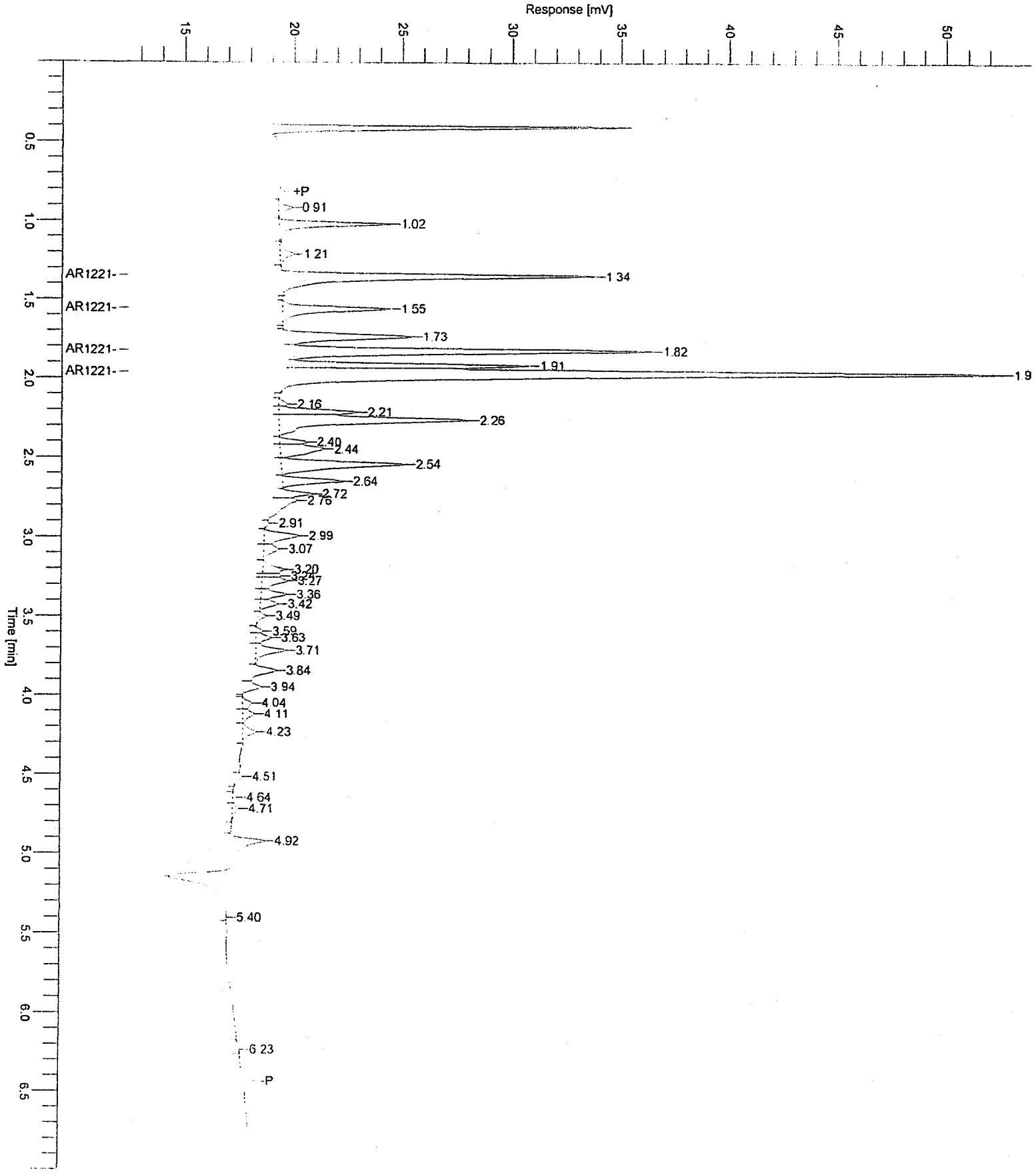
Reviewed by: DJB 6/17/06

Group Report For : AR1221

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
4	1.34	BB	33565	AR1221-A	0.5000	0 1250	4
5	1.55	BB	11843	AR1221-B	0.5000	0.1250	4
7	1.82	VB	35216	AR1221-C	0.5000	0 1250	4
9	1.96	VB	89516	AR1221-D	0.5000	0.1250	4
			170139			0.5000	

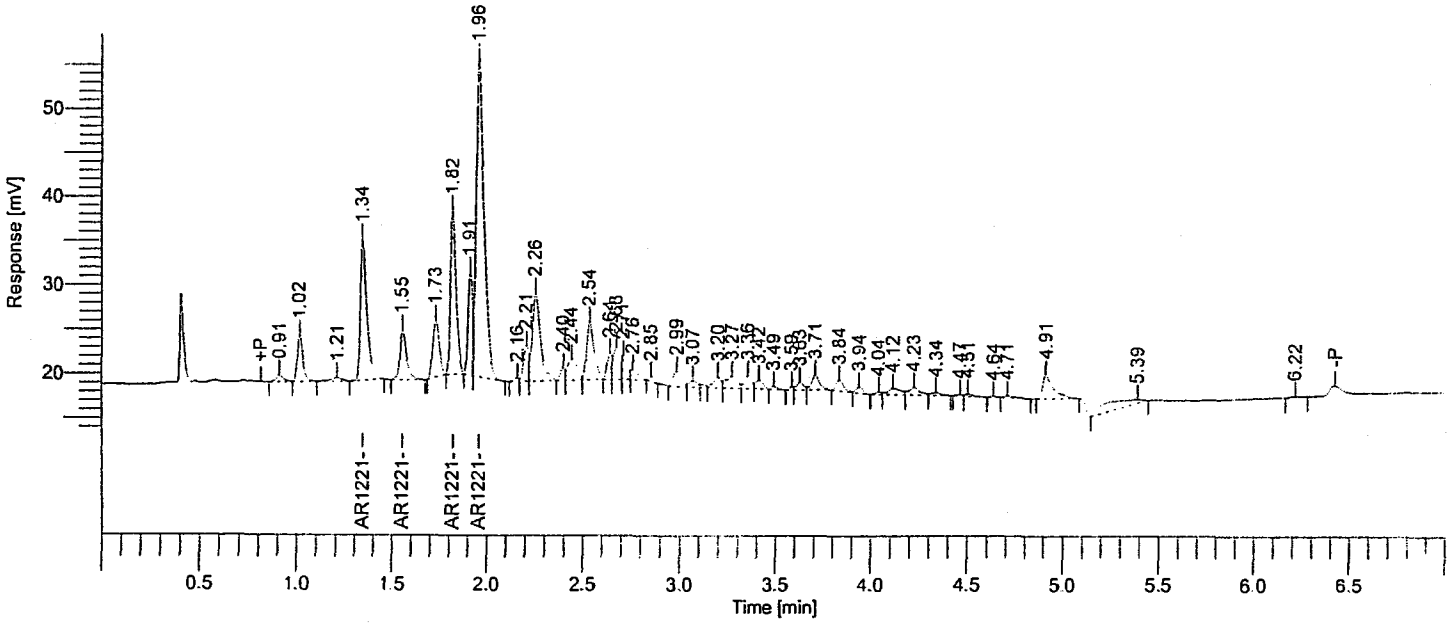
Chromatogram

Sample Name : ICM21SA Sample #: 0 5NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12B45153.raw
Date : 06/13/2006 15:46:51
Method : 12DINS Time of Injection: 06/11/2006 14:51:06
Start Time : 0.00 min End Time : 7.00 min Low Point : 12.44 mV High Point : 52.63 mV
Scale Factor: 1 0 Plot Offset: 12 44 mV Plot Scale: 40 2 mV



Software Version	: 6.2.1.0.104:0104	Date	. 06/13/2006 16:02:10
Operator	: tchrom	Sample Name	. ACM21QA
Sample Number	. 0.6NG	Study	. ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	. 1000
Delay Time	: 0 00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000 000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/11/2006 15:10:51	Cycle	: 2

Raw Data File : H:\TURBO6\5890-12\12B45154.raw <Modified>
Result File : H:\TURBO6\5890-12\12B45154.rst [Editing in Progress]
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B45154.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B45154.rst [Editing in Progress]
Calib Method : h:\turbo6\5890-12\12b-21(06-11-06) mth from H:\TURBO6\5890-12\12B45154.rst [Editing in Progress]
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D45.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.96		188626	AR1221	0.5543	3.4028e+05	3.7725e+05	-7 6
		188626		0.5543		3.7725e+05	

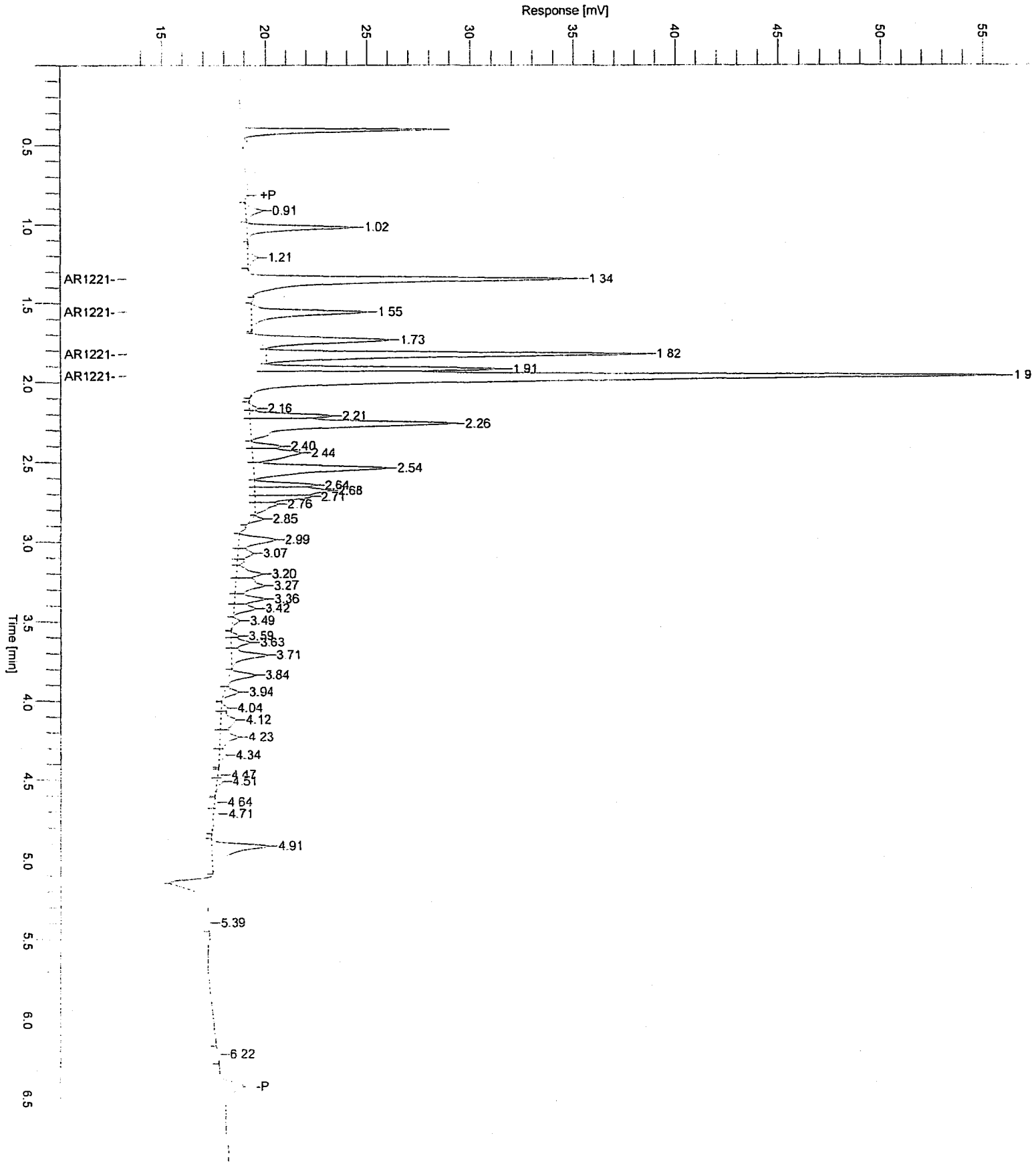
JUN 13 2006

Group Report For : AR1221

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.34	BB	37196	AR1221-A	0.5541	67129.2000	74392.0000	-7.7
1.55	BB	13731	AR1221-B	0.5797	23685.2000	27461.8000	-3 4
1.82	BB	38810	AR1221-C	0.5510	70431.5004	77620.0000	-8.2
1.96	VB	98889	AR1221-D	0.5524	1 7903e+05	1.9778e+05	-7.9
		188626		2.2372		3 7725e+05	

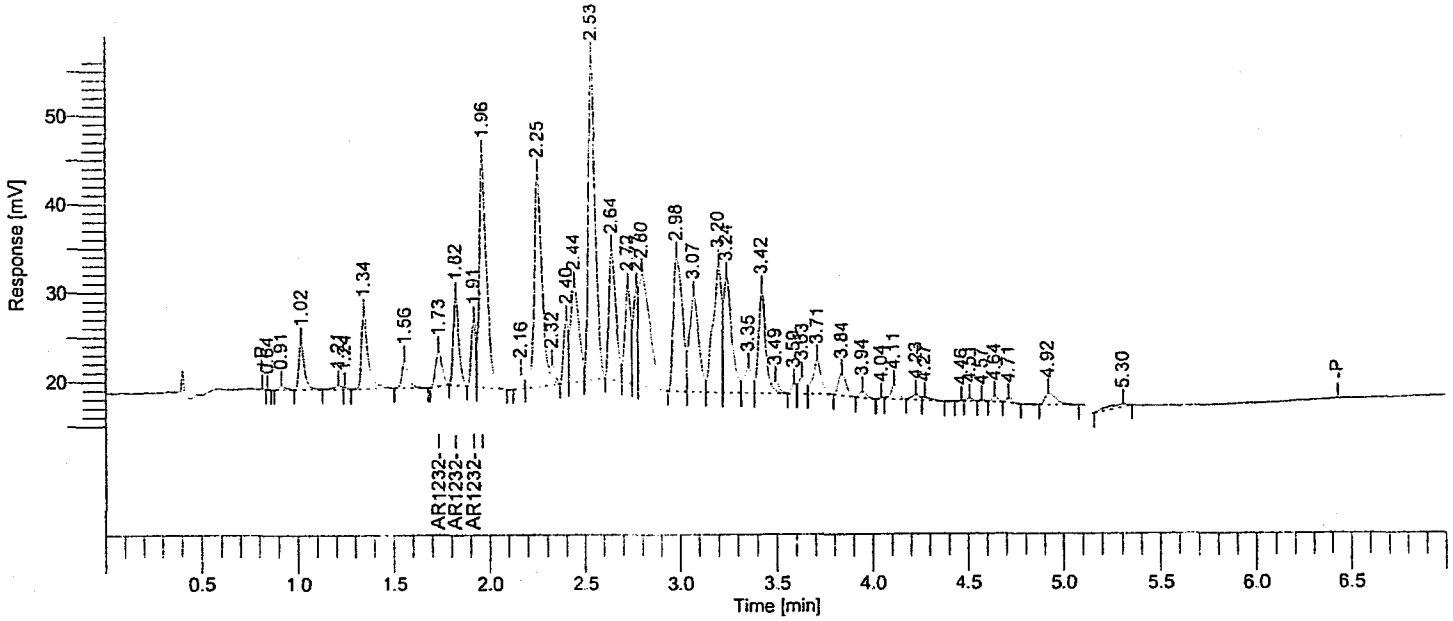
Chromatogram

Sample Name : ACM21QA Sample #: 0 6NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12B45154 raw
Date : 06/13/2006 15:46:59
Method . 12DINS Time of Injection: 06/11/2006 15:10:51
Start Time : 0.00 min End Time . 7 00 min Low Point : 13.32 mV High Point : 55.96 mV
Scale Factor: 1 0 Plot Offset: 13 32 mV Plot Scale: 42.6 mV



Software Version	. 6 2.1 0.104:0104	Date	: 06/13/2006 15:47:07
Reprocess Number	. buf23: 877		
Operator	. tchrom	Sample Name	: ICM32HA
Sample Number	: 0 5NG	Study	: tCAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	. 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7 00 min
Sampling Rate	. 5 0000 pts/s		
Sample Volume	: 1 000000 uL	Area Reject	: 1000.000000
Sample Amount	. 1 0000	Dilution Factor	: 1 00
Data Acquisition Time	: 06/11/2006 15:30:35	Cycle	: 3

Raw Data File : H:\TURBO6\5890-12\12B45155.raw <Modified>
Result File : H:\TURBO6\5890-12\12B45155.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B45155.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B45155.rst
Calib Method : h:\turbo6\5890-12\12b-32(06-11-06).mth from H:\TURBO6\5890-12\12B45155.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D45.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	1.96		110604	AR1232	0.5000	0.1250	4
			110604			0.1250	

Group Report For : AR1232

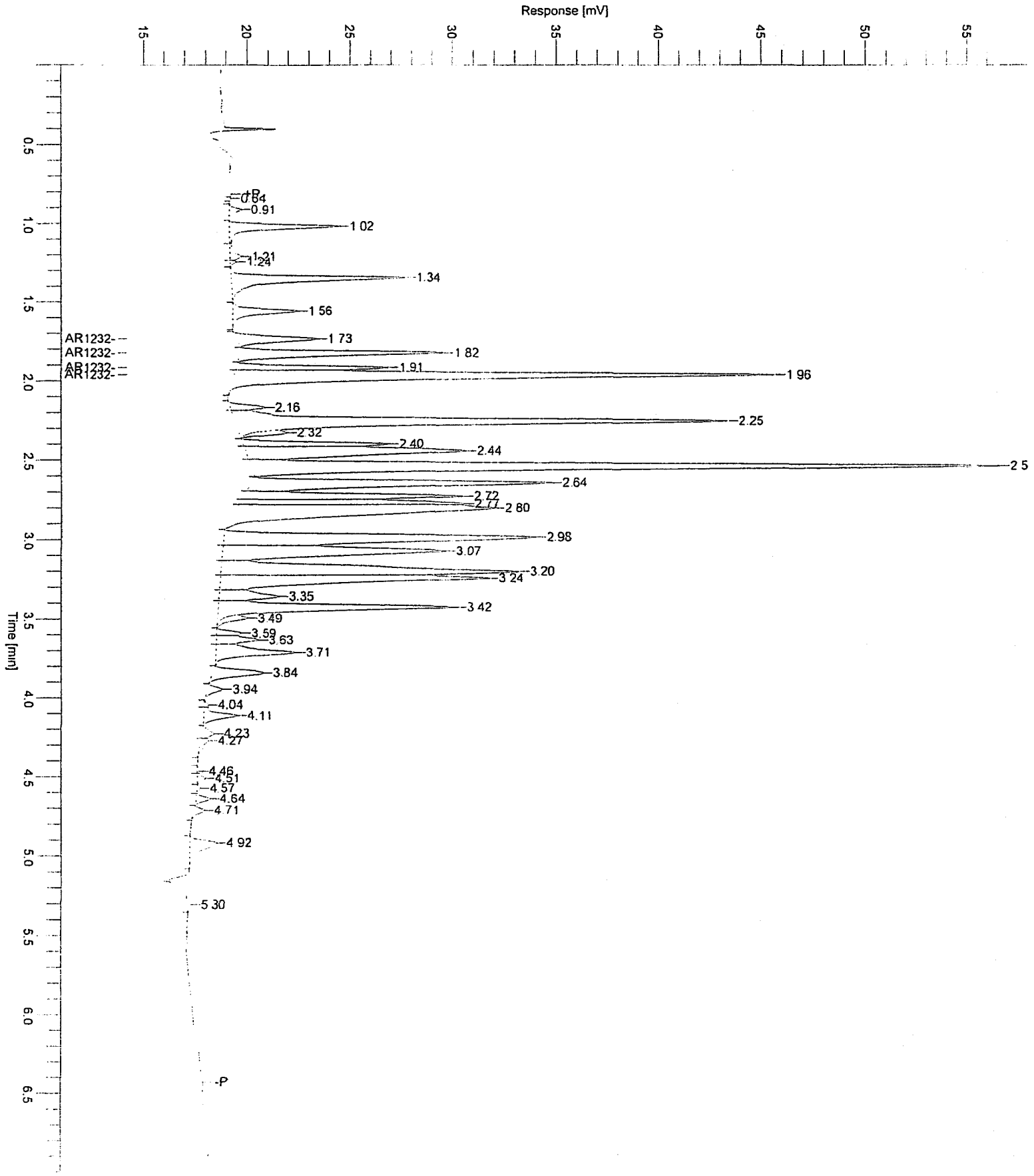
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
8	1.73	BB	9348	AR1232-A	0.5000	0.1250	4
9	1.82	BB	20544	AR1232-B	0.5000	0.1250	4
10	1.91	BV	12186	AR1232-C	0.5000	0.1250	4
11	1.96	VB	68527	AR1232-D	0.5000	0.1250	4
			110604			0.5000	

Processed by: JUN 13 2006

Reviewed by: 6/17/06

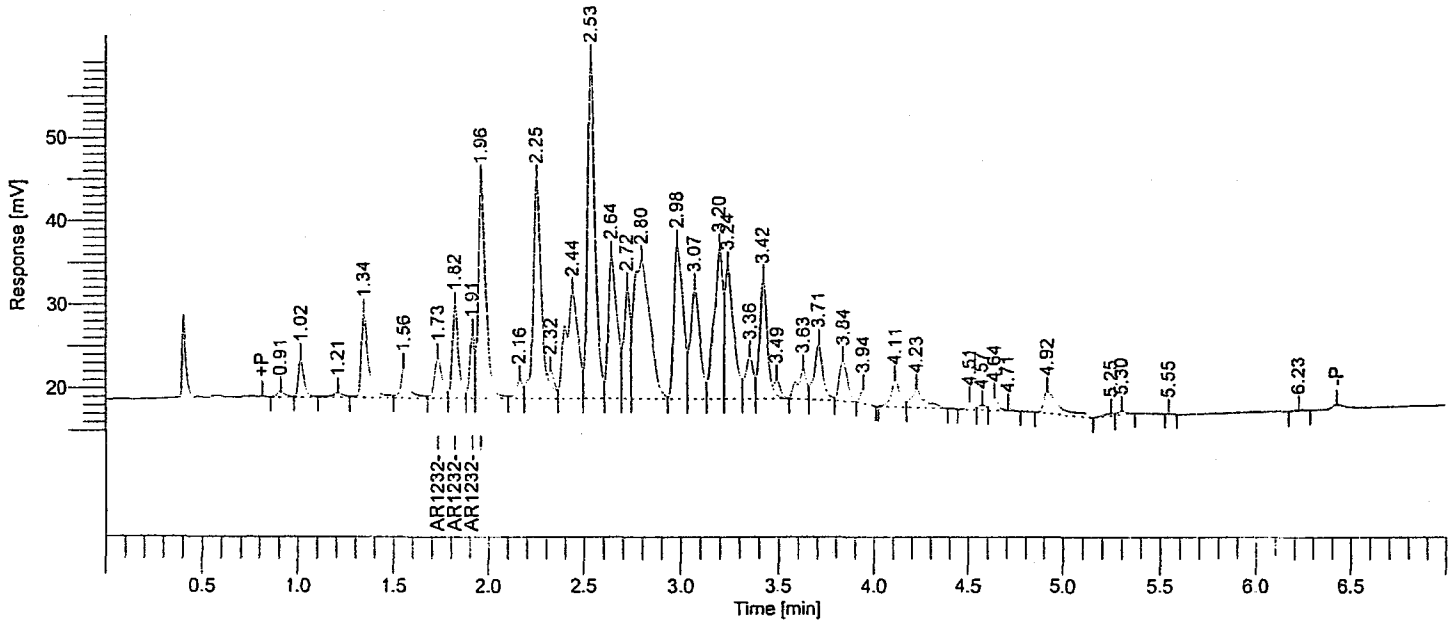
Chromatogram

Sample Name : ICM32HA Sample #: 0 5NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12B45155.raw
Date : 06/13/2006 15:47:07
Method : 12DINS Time of Injection: 06/11/2006 15:30:35
Start Time : 0.00 min End Time : 7.00 min Low Point : 14.22 mV High Point : 56.62 mV
Scale Factor: 1 0 Plot Offset: 14 22 mV Plot Scale: 42 4 mV



Software Version	6.2 1 0.104:0104	Date	06/13/2006 16:03:25
Operator	tchrom	Sample Name	ACM32CA
Sample Number	0 6NG	Study	ACM
AutoSampler	NONE	Rack/Vial	0/0
Instrument Name	HP5890-12	Channel	B
Interface Serial #	3090270362	A/D mV Range	1000
Delay Time	0 00 min	End Time	7.00 min
Sampling Rate	5 0000 pts/s		
Sample Volume	1 000000 uL	Area Reject	8000.000000
Sample Amount	1.0000	Dilution Factor	1.00
Data Acquisition Time	06/11/2006 15:50:16	Cycle	4

Raw Data File : H:\TURBO6\5890-12\12B45156 raw <Modified>
Result File : H:\TURBO6\5890-12\12B45156.rst [Editing in Progress]
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B45156.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B45156.rst [Editing in Progress]
Calib Method : h:\turbo6\5890-12\12b-32(06-11-06).mth from H:\TURBO6\5890-12\12B45156.rst [Editing in Progress]
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D45.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.96		122962	AR1232	0 5559	2.2121e+05	2.4592e+05	-7.4
		122962		0 5559		2.4592e+05	

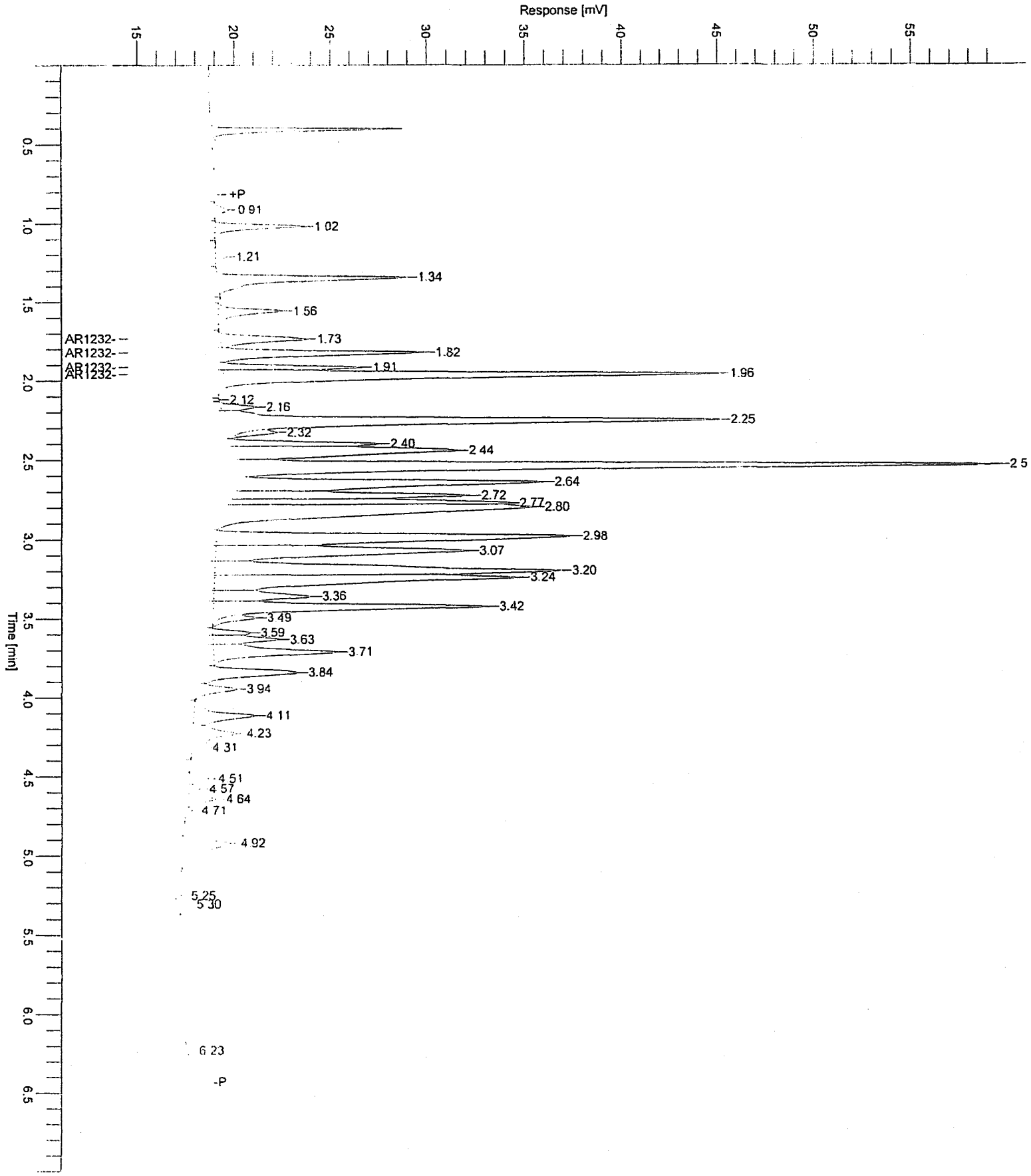
JUN 1 3 2006

Group Report For : AR1232

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.73	VV	13431	AR1232-A	0 7184	18696 0000	26861.4933	19.7
1.82	VV	24960	AR1232-B	0.6075	41087.4000	49920.3243	1.2
1.91	VV	13398	AR1232-C	0 5498	24371 4047	26796.4644	-8.4
1 96	VV	71173	AR1232-D	0 5193	1 3705e+05	1 4235e+05	-13.4
		122962		2.3949		2.4592e+05	

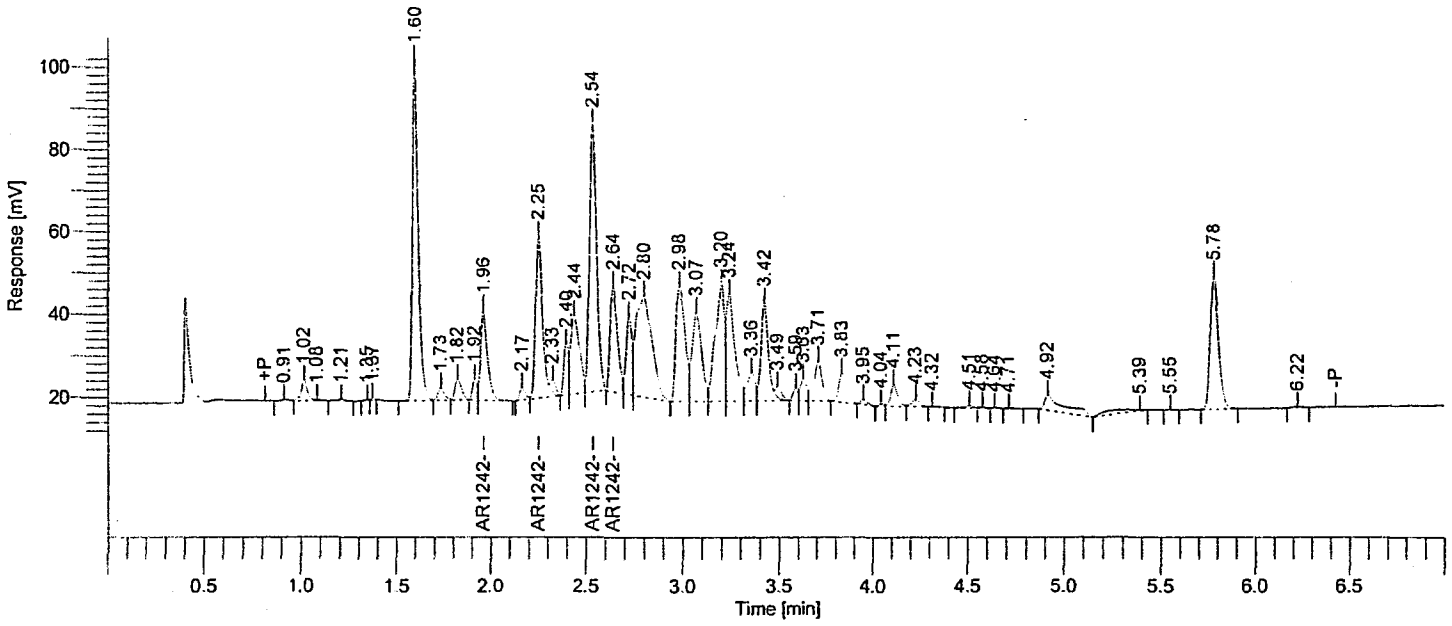
Chromatogram

Sample Name : ACM32CA Sample #: 0 6NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12B45156 raw
Date : 06/13/2006 15:47:14
Method : 12DINS Time of Injection: 06/11/2006 15:50:16
Start Time . 0.00 min End Time : 7.00 min Low Point : 14.52 mV High Point : 59 58 mV
Scale Factor: 1.0 Plot Offset: 14.52 mV Plot Scale: 45 1 mV

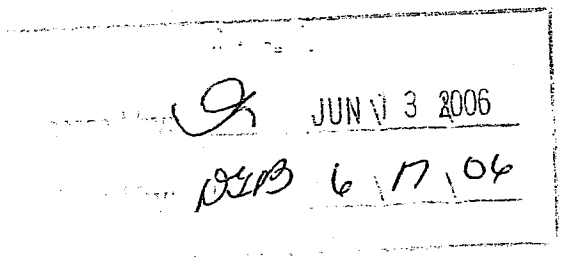


Software Version	: 6.2 1 0 104:0104	Date	: 06/13/2006 15:47:21
Reprocess Number	: buf23: 881		
Operator	: tchrom	Sample Name	: ICM42TA
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0 00 min	End Time	: 7.00 min
Sampling Rate	: 5 0000 pts/s		
Sample Volume	: 1 000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/11/2006 16:10:02	Cycle	: 5

Raw Data File : H:\TURBO6\5890-12\12B45157.raw <Modified>
Result File : H:\TURBO6\5890-12\12B45157.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B45157.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B45157.rst
Calib Method : h:\turbo6\5890-12\12b-42(06-11-06).mth from H:\TURBO6\5890-12\12B45157.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D45.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
	2.54		389841	AR1242	0.5000	0 1250	4
			389841			0.1250	

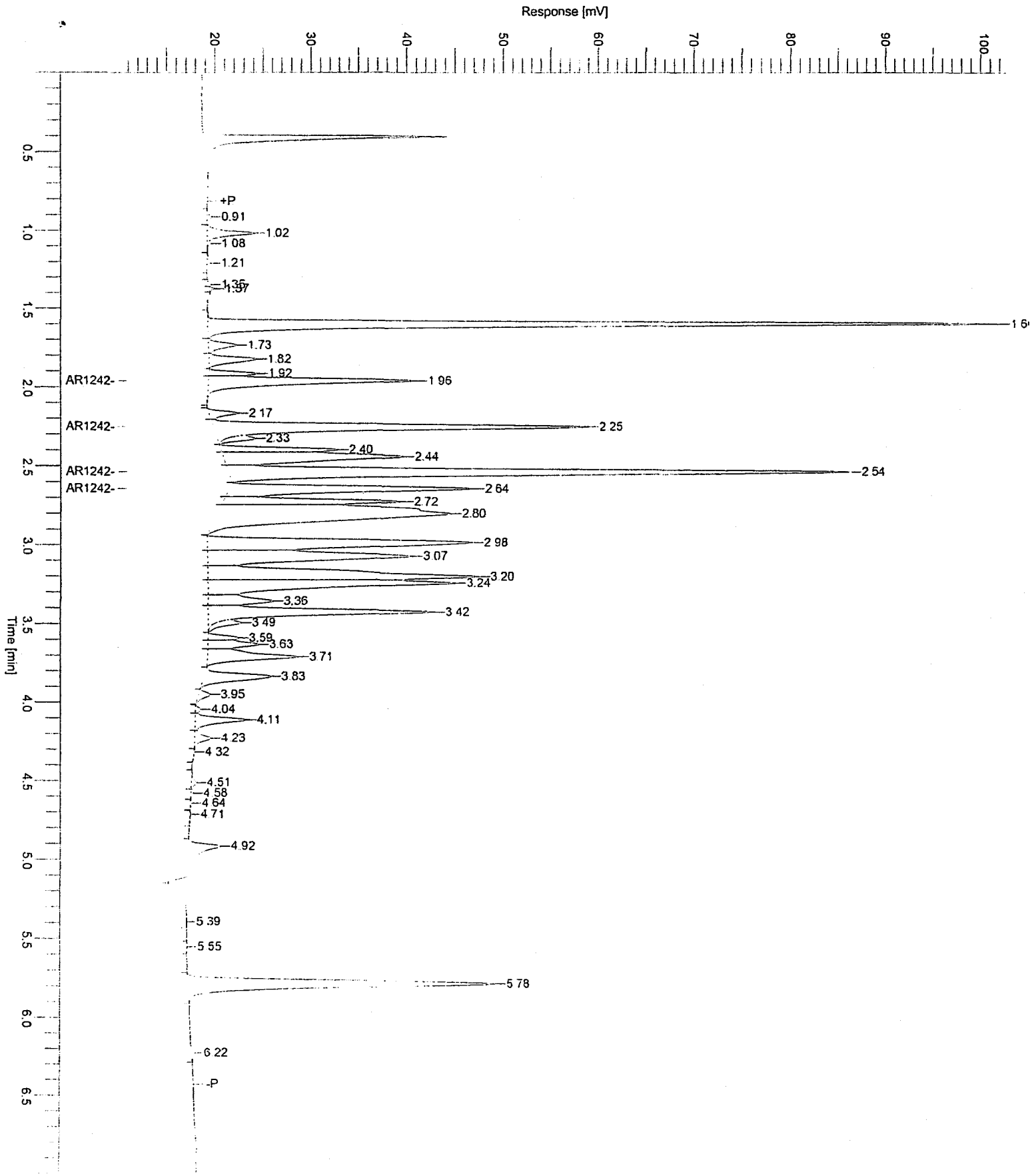


Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
11	1.96	VB	54644	AR1242-A	0.5000	0.1250	4
13	2.25	VE	102102	AR1242-B	0.5000	0 1250	4
17	2.54	VB	166429	AR1242-C	0.5000	0 1250	4
18	2.64	BV	66666	AR1242-D	0.5000	0.1250	4
			389841			0 5000	

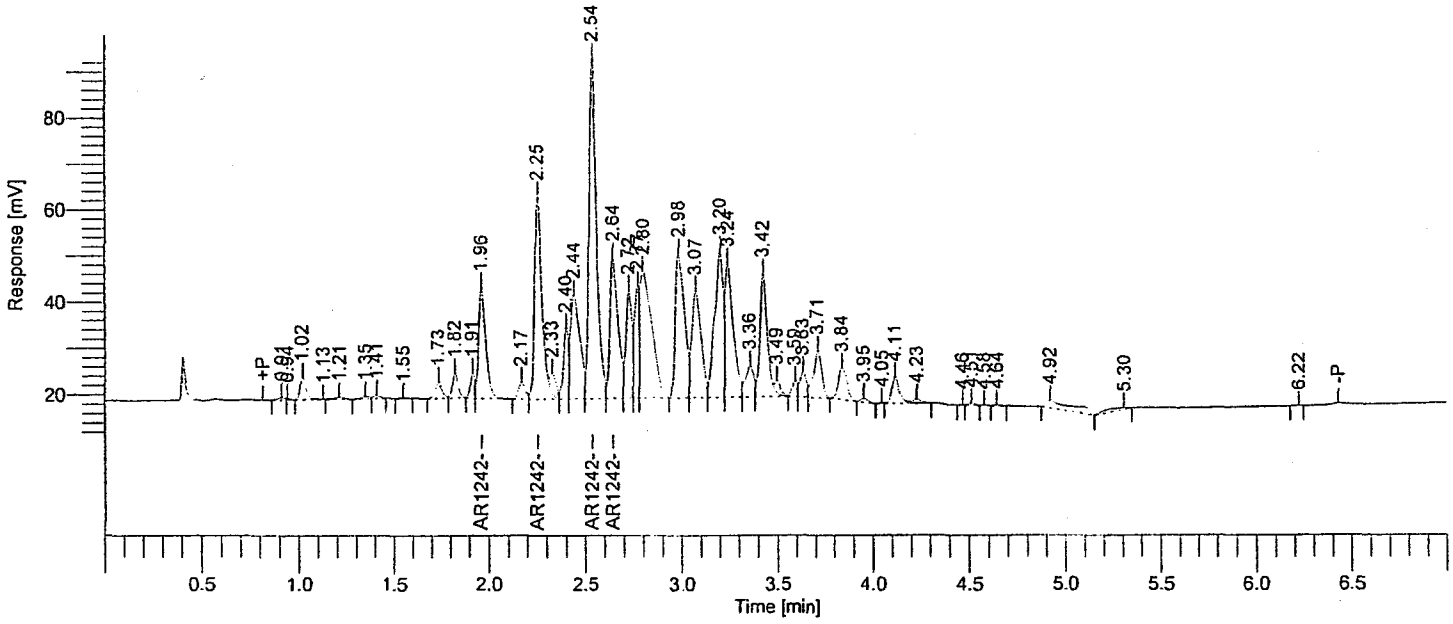
Chromatogram

Sample Name : ICM42TA Sample #: 0.5NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12B45157 raw
Date : 06/13/2006 15:47:22
Method : 12DINS Time of Injection: 06/11/2006 16:10:02
Start Time : 0.00 min End Time : 7.00 min Low Point : 10.87 mV High Point : 102.01 mV
Scale Factor: 1.0 Plot Offset: 10.87 mV Plot Scale: 91.1 mV



Software Version	: 6.2.1 0 104:0104	Date	: 06/13/2006 16:03:49
Operator	: tchrom	Sample Name	: ACM42PA
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1 000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/11/2006 16:29:45	Cycle	: 6

Raw Data File : H:\TURBO6\5890-12\12B45158.raw <Modified>
Result File : H:\TURBO6\5890-12\12B45158.rst [Editing in Progress]
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B45158.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B45158.rst [Editing in Progress]
Calib Method : h:\turbo6\5890-12\12b-42(06-11-06) mth from H:\TURBO6\5890-12\12B45158.rst [Editing in Progress]
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D45.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.54		468885	AR1242	0.6014	7.7968e+05	9.3777e+05	0.2
		468885		0.6014		9.3777e+05	

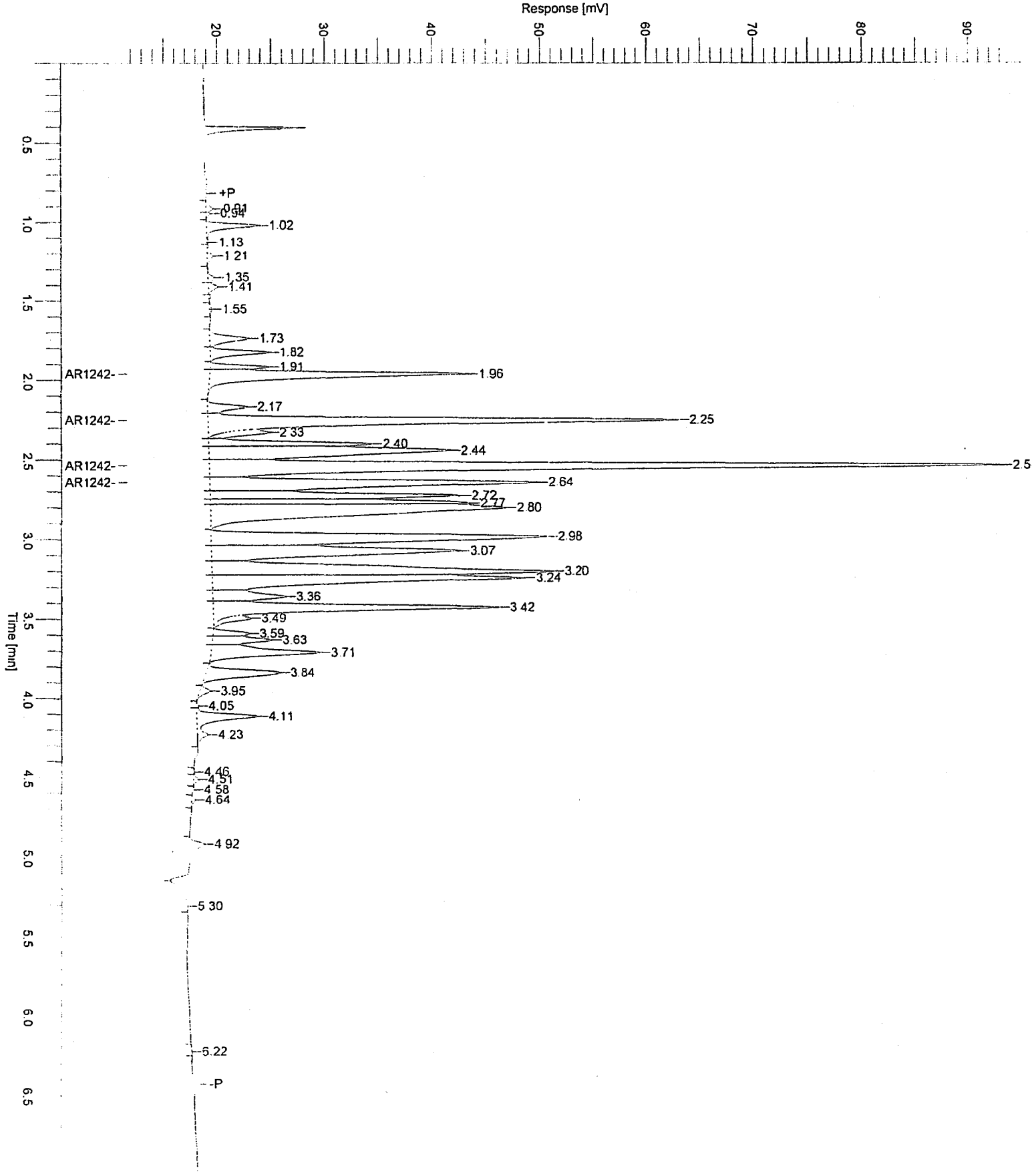
JUN 13 2006

Group Report For : AR1242

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.96	VB	60239	AR1242-A	0.5512	1.0929e+05	1 2048e+05	-8.1
2.25	VE	118388	AR1242-B	0.5798	2.0420e+05	2 3678e+05	-3.4
2.54	VV	201419	AR1242-C	0.6051	3 3286e+05	4 0284e+05	0.9
2 64	VV	88839	AR1242-D	0.6663	1 3333e+05	1 7768e+05	11.1
		468885		2.4024		9.3777e+05	

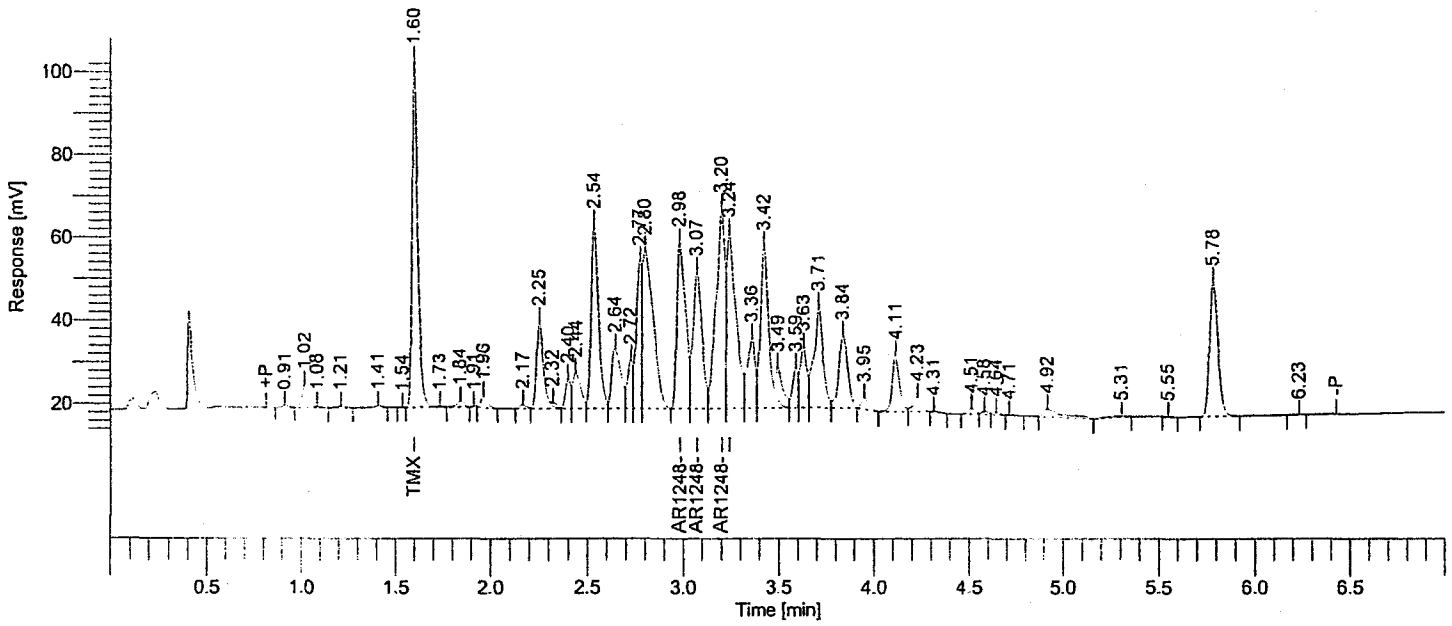
Chromatogram

Sample Name : ACM42PA Sample #: 0 6NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12B45158 raw
Date : 06/13/2006 15:47:28
Method : 12DINS Time of Injection: 06/11/2006 16:29.45
Start Time : 0 00 min End Time : 7.00 min Low Point : 11 66 mV High Point : 93.21 mV
Scale Factor: 1 0 Plot Offset: 11.66 mV Plot Scale: 81 5 mV



Software Version	6 2.1 0 104:0104	Date	: 06/13/2006 15:47:34
Reprocess Number	: buf23: 885		
Operator	: tchrom	Sample Name	: ICM48SA
Sample Number	: 0 5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1 000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/11/2006 16:49:30	Cycle	: 7

Raw Data File : H:\TURBO6\5890-12\12B45159.raw <Modified>
Result File : H:\TURBO6\5890-12\12B45159.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B45159.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B45159.rst
Calib Method : h:\turbo6\5890-12\12b-48(06-11-06).mth from H:\TURBO6\5890-12\12B45159.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D45.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
7	1.60	VE	176899	~~TMX~~	0.0366	——	0
	3.20		529343	AR1248	0.5000	0.1250	4
			706242			0.1250	

Processed by: JUN 13 2006

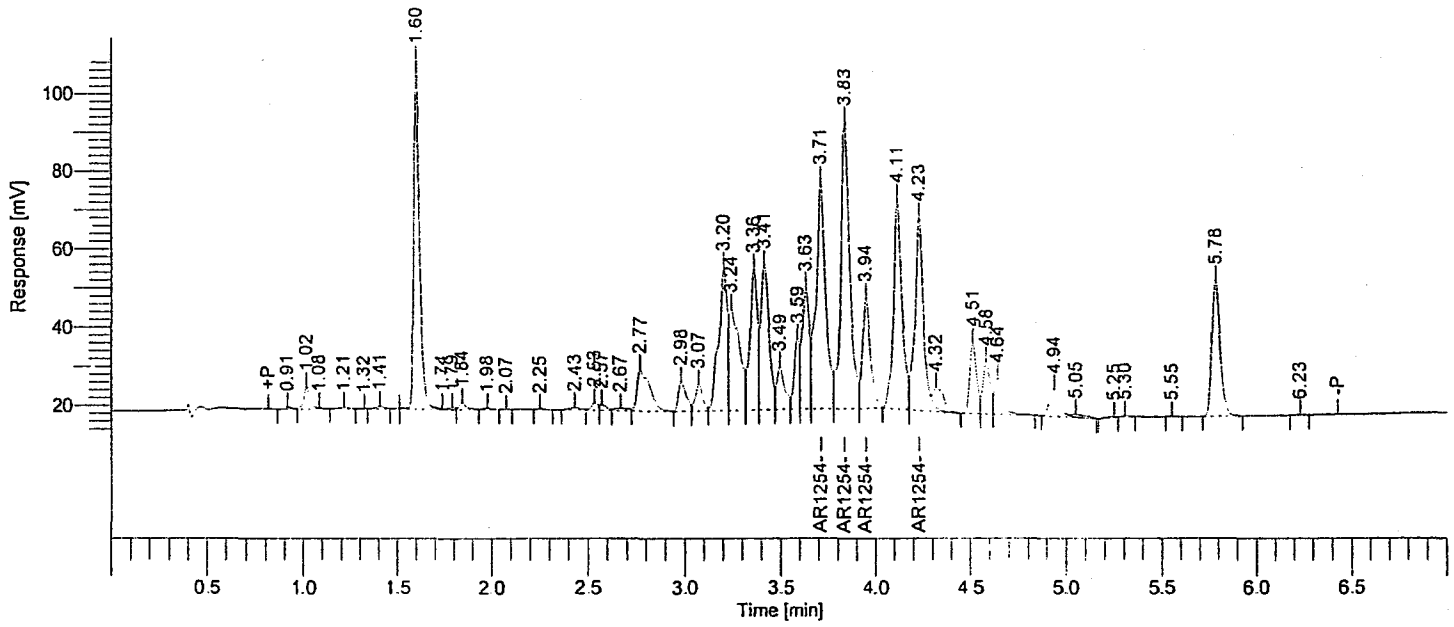
Reviewed by: DJB 6 17 06

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
22	2.98	BV	124003	AR1248-A	0.5000	0.1250	4
23	3 07	VV	110652	AR1248-B	0.5000	0.1250	4
24	3.20	VV	153889	AR1248-C	0.5000	0 1250	4
25	3.24	VV	140799	AR1248-D	0.5000	0.1250	4
			529343			0.5000	

Software Version	: 6.2 1 0 104:0104	Date	: 06/13/2006 15:47:46
Reprocess Number	: buf23: 889		
Operator	: tchrom	Sample Name	: ICM54VE
Sample Number	: 0.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/11/2006 17:28:56	Cycle	: 9

Raw Data File : H:\TURBO6\5890-12\12B45161.raw <Modified>
Result File : H:\TURBO6\5890-12\12B45161.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B45161.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B45161.rst
Calib Method : h:\turbo6\5890-12\12b-54(06-11-06).mth from H:\TURBO6\5890-12\12B45161.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D45.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc	AVG NG CONC (5pts)	# PEAKS USED
	3.83		694272	AR1254	0.5000	0.1250	4
			694272			0.1250	

Group Report For : AR1254

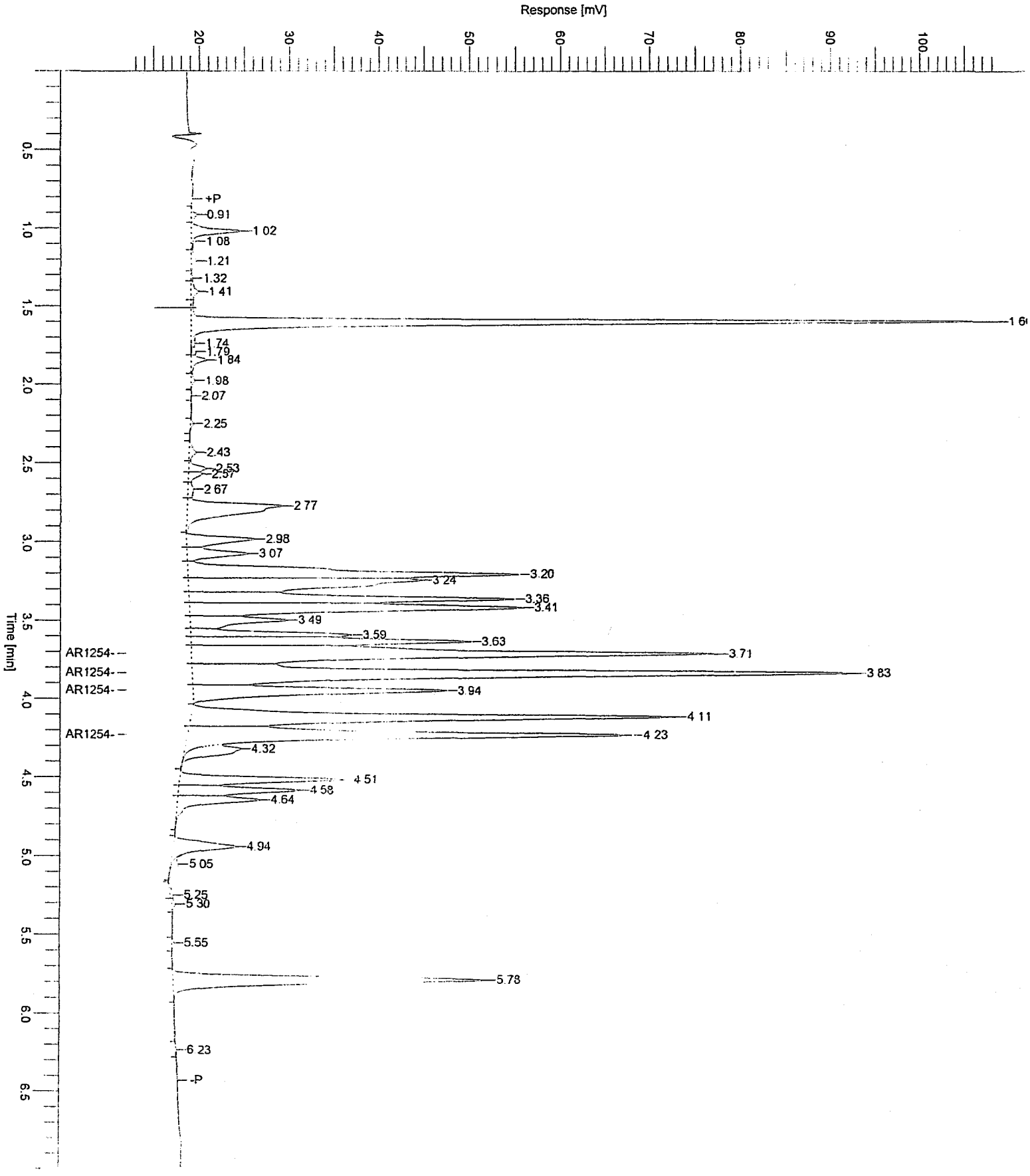
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc	AVG NG CONC (5pts)	# PEAKS USED
28	3.71	VV	207437	AR1254-A	0.5000	0.1250	4
29	3.83	VV	242805	AR1254-B	0.5000	0.1250	4
30	3.94	VB	84563	AR1254-C	0.5000	0.1250	4
32	4.23	VE	159466	AR1254-D	0.5000	0.1250	4
			694272			0.5000	

JUN 13 2006

Reviewed by: DJB 6 17 06

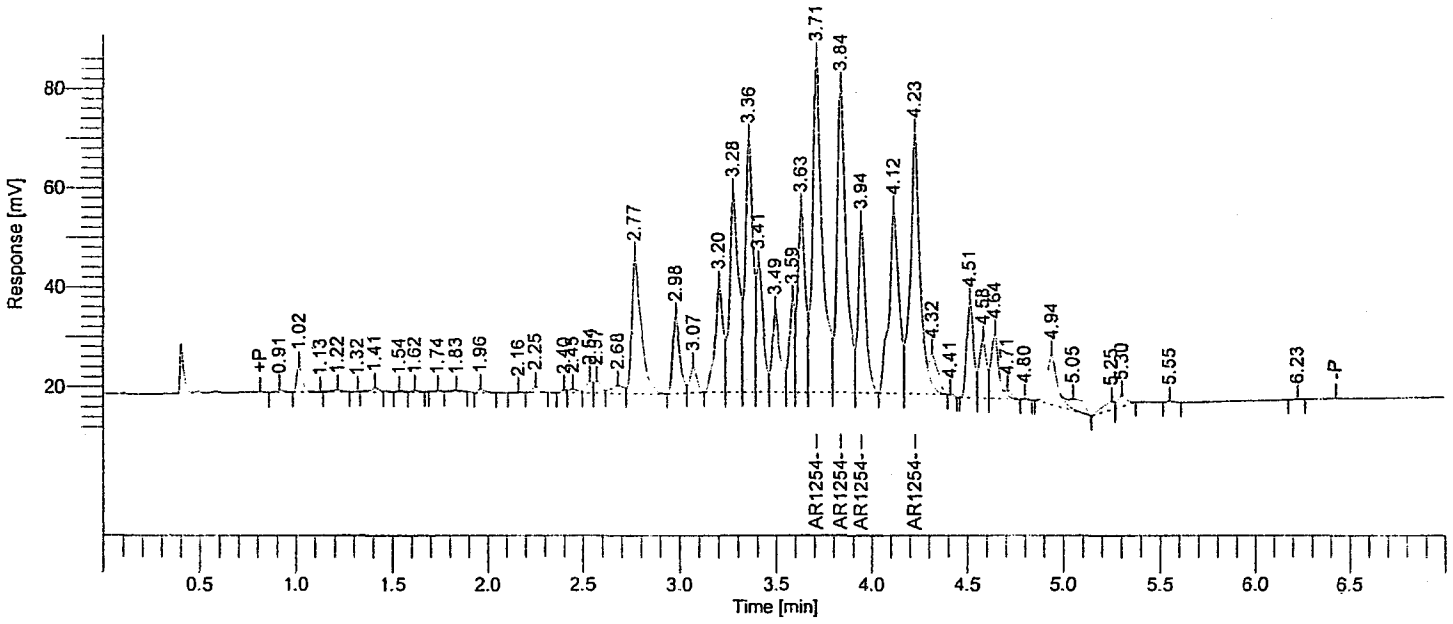
Chromatogram

Sample Name : ICM54VE Sample #: 0.5NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12B45161 raw
Date : 06/13/2006 15:47:46
Method : 12DINS Time of Injection: 06/11/2006 17:28:56
Start Time : 0.00 min End Time : 7.00 min Low Point : 12.05 mV High Point : 108.68 mV
Scale Factor: 1.0 Plot Offset: 12.05 mV Plot Scale: 96.6 mV



Software Version	: 6.2 1.0.104:0104	Date	: 06/13/2006 16:04:45
Operator	: tchrom	Sample Name	: ACM54SA
Sample Number	: 0.6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7 00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1 000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/11/2006 17:48:38	Cycle	: 10

Raw Data File : H:\TURBO6\5890-12\12B45162.raw <Modified>
Result File : H:\TURBO6\5890-12\12B45162.rst [Editing in Progress]
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B45162.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B45162.rst [Editing in Progress]
Calib Method : h:\turbo6\5890-12\12b-54(06-11-06).mth from H:\TURBO6\5890-12\12B45162.rst [Editing in Progress]
Report Format File: h:\turbo6\5890-12\samp.rpt
Sequence File : H:\TURBO6\5890-12\12D45.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.71		725295	AR1254	0.5223	1 3885e+06	1 4506e+06	-12 9
		725295		0.5223		1 4506e+06	

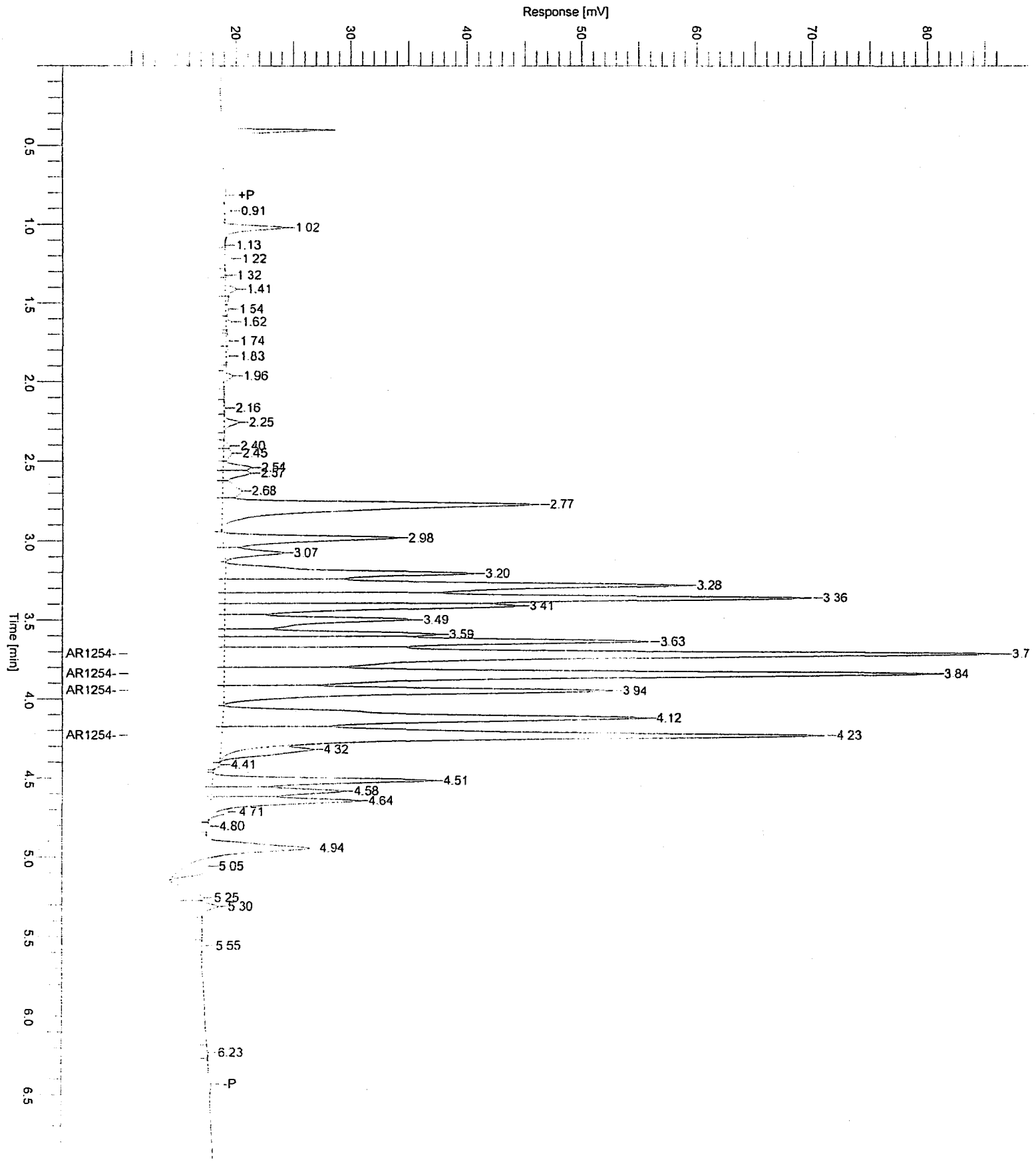
9 JUN 13 2006

Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.71	VV	234974	AR1254-A	0 5664	4 1487e+05	4.6995e+05	-5 6
3.84	VV	205448	AR1254-B	0.4231	4 8561e+05	4 1090e+05	-29 5
3.94	VB	98164	AR1254-C	0 5804	1 6913e+05	1 9633e+05	-3.3
4.23	VE	186708	AR1254-D	0.5854	3 1893e+05	3 7342e+05	-2 4
		725295		2.1553		1 4506e+06	

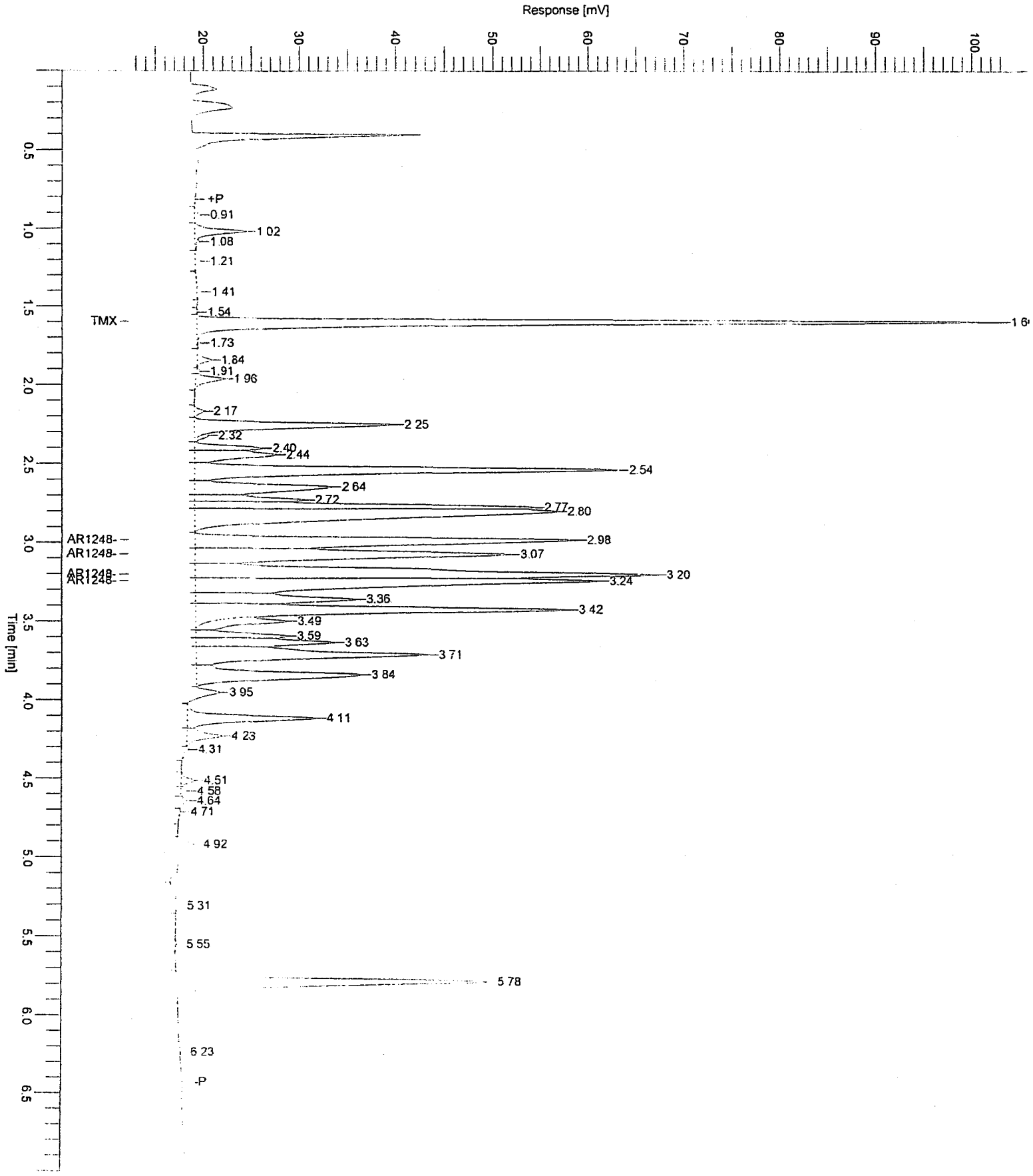
Chromatogram

Sample Name : ACM54SA Sample #: 0 6NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12B45162 raw
Date : 06/13/2006 15:47:52
Method : 12DINS Time of Injection: 06/11/2006 17:48:38
Start Time : 0 00 min End Time : 7.00 min Low Point : 10.74 mV High Point : 86.42 mV
Scale Factor: 1.0 Plot Offset: 10.74 mV Plot Scale: 75.7 mV



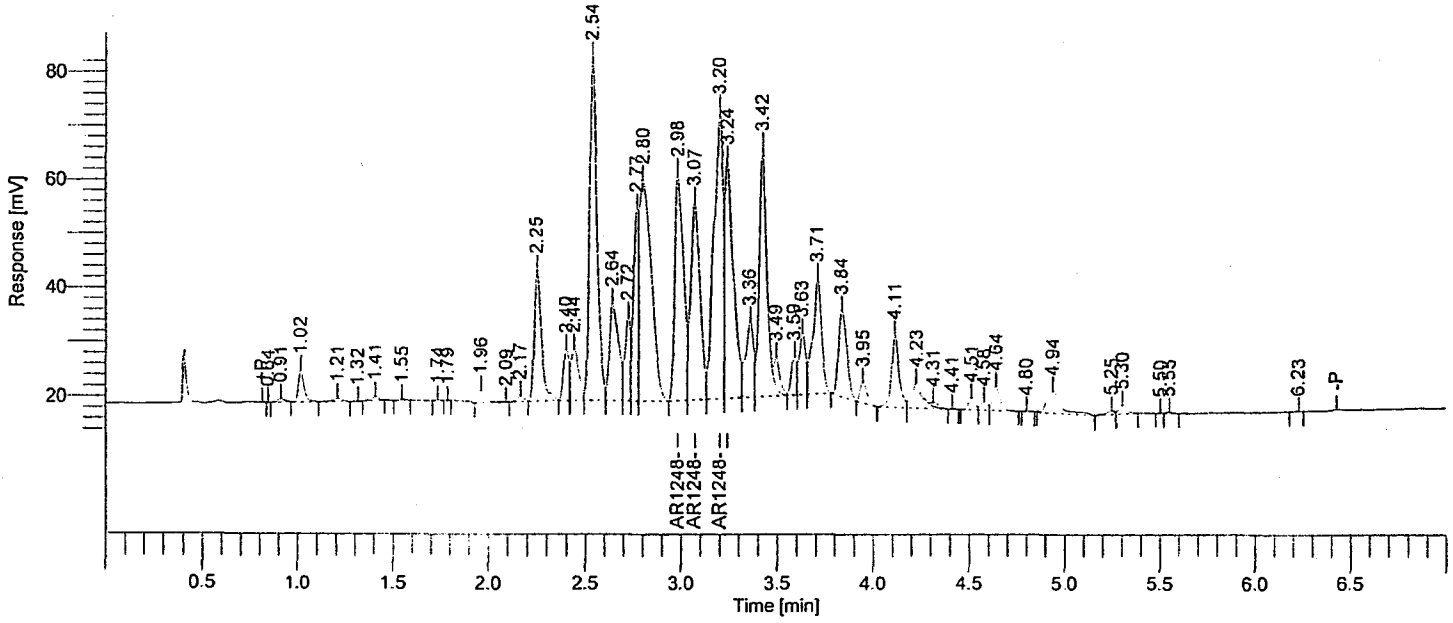
Chromatogram

Sample Name : ICM48SA Sample #: 0 5NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12B45159.raw
Date : 06/13/2006 15:47:35
Method : 12DINS Time of Injection: 06/11/2006 16:49:30
Start Time : 0.00 min End Time : 7.00 min Low Point : 12.24 mV High Point : 103.01 mV
Scale Factor: 1.0 Plot Offset: 12.24 mV Plot Scale: 90.8 mV



Software Version	: 6.2 1.0 104:0104	Date	: 06/13/2006 16:04 10
Operator	: tchrom	Sample Name	: ACM48NA
Sample Number	: 0 6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0 00 min	End Time	: 7 00 min
Sampling Rate	: 5 0000 pts/s		
Sample Volume	: 1 000000 µL	Area Reject	: 8000.000000
Sample Amount	: 1 0000	Dilution Factor	: 1 00
Data Acquisition Time	: 06/11/2006 17:09:11	Cycle	: 8

Raw Data File : H:\TURBO6\5890-12\12B45160.raw <Modified>
Result File : H:\TURBO6\5890-12\12B45160.rst [Editing in Progress]
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B45160.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B45160.rst [Editing in Progress]
Calib Method : h:\turbo6\5890-12\12b-48(06-11-06) mth from H:\TURBO6\5890-12\12B45160.rst [Editing in Progress]
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D45.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.20		572429	AR1248	0.5407	1.0587e+06	1.1449e+06	-9.9
		572429		0.5407		1.1449e+06	

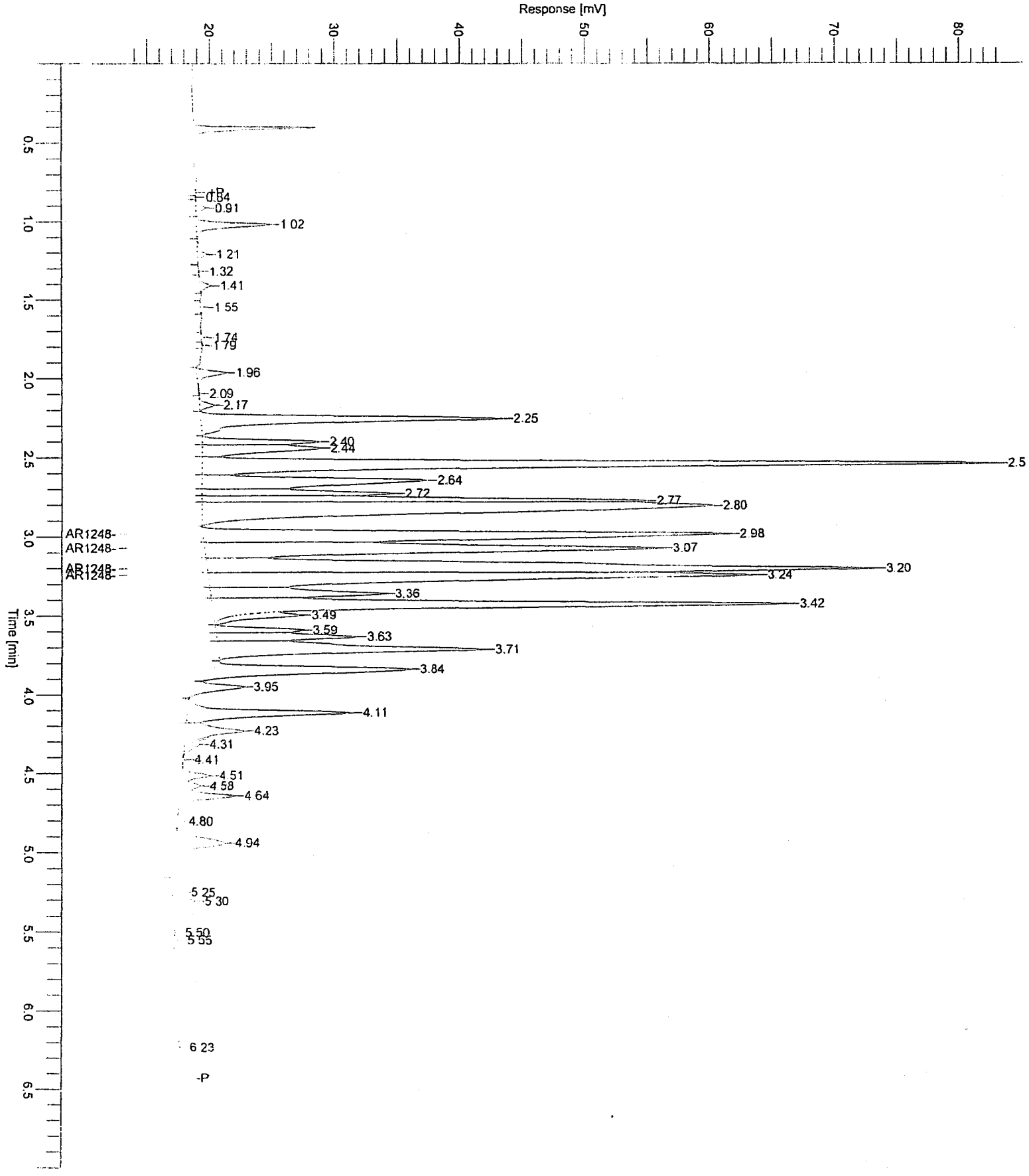
JUN 1 3 2006

Group Report For : AR1248

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.98	BV	133377	AR1248-A	0 5378	2 4801e+05	2.6675e+05	-10 4
3.07	VV	123714	AR1248-B	0 5590	2.2130e+05	2.4743e+05	-6.8
3.20	VV	178387	AR1248-C	0 5796	3.0778e+05	3.5677e+05	-3 4
3.24	VV	136951	AR1248-D	0 4863	2 8160e+05	2.7390e+05	-18 9
		572429		2 1628		1.1449e+06	

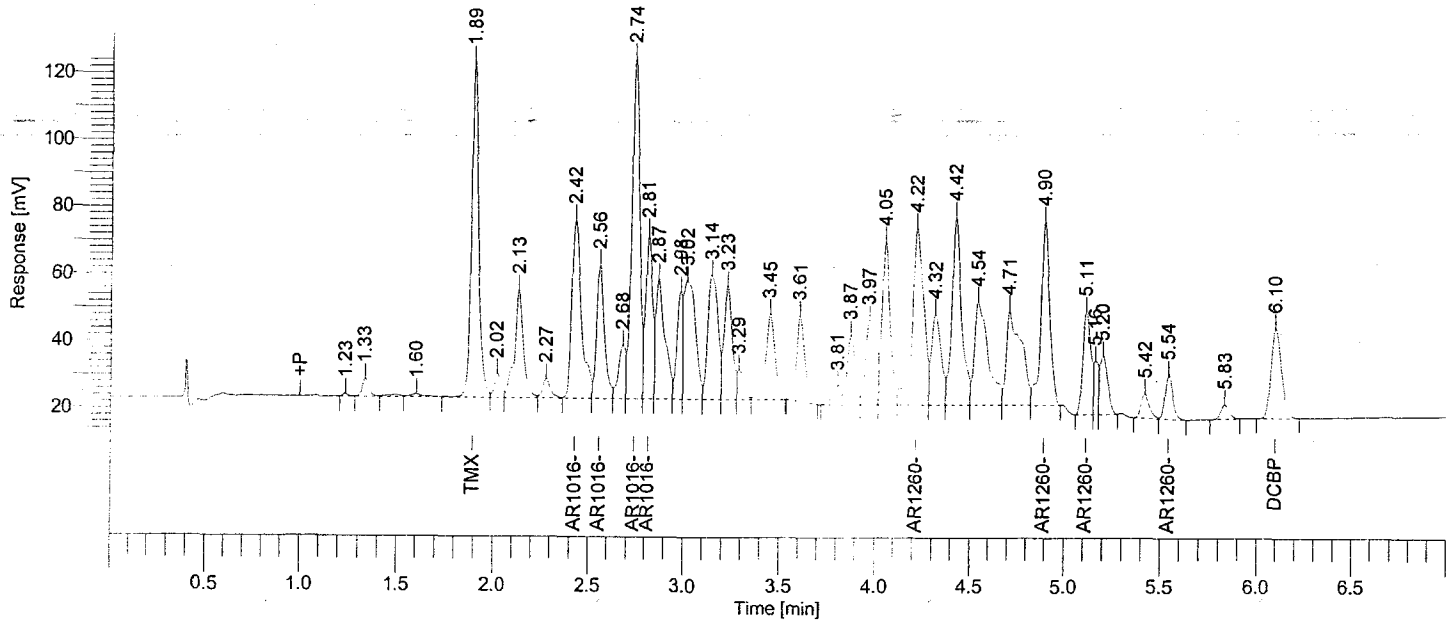
Chromatogram

Sample Name : ACM48NA Sample #: 0 6NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12B45160.raw
Date : 06/13/2006 15:47:41
Method . 12DINS Time of Injection: 06/11/2006 17:09:11
Start Time : 0.00 min End Time : 7.00 min Low Point : 13 45 mV High Point . 83.04 mV
Scale Factor: 1.0 Plot Offset: 13.45 mV Plot Scale: 69 6 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/20/2006 13:26:48
Reprocess Number	: buf2042: 110352		
Operator	: tchrom	Sample Name	: ICM66NK
Sample Number	: 0.5NG	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/20/2006 12:12:39	Cycle	: 4

Raw Data File : H:\TURBO6\5890-12\12A46097.raw <Modified>
Result File : H:\TURBO6\5890-12\12A46097.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A46097.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A46097.rst
Calib Method : h:\turbo6\5890-12\12a-66(06-11-06).mth from H:\TURBO6\5890-12\12A46097.rst
Report Format File: h:\turbo6\5890-12\l%d.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win
1.89	VV	252539	TMX	0.0212	11897398	505078	-29.2	1.82 - 1.96
2.74		734587	AR1016	0.3835	1915498	1469174	-23.3	2.67 - 2.81
4.90		527305	AR1260	0.3731	1413231	1054610	-25.4	4.83 - 4.97
6.10	VB	102488	DCBP	0.0237	4315778	204975	-20.8	6.03 - 6.17
		1616919		0.8016		3233837		

6/20/06 mfm

06/20/2006 13:26:48 Result: H:\TURBO6\5890-12\12A46097.rst

Group Report For : AR1016

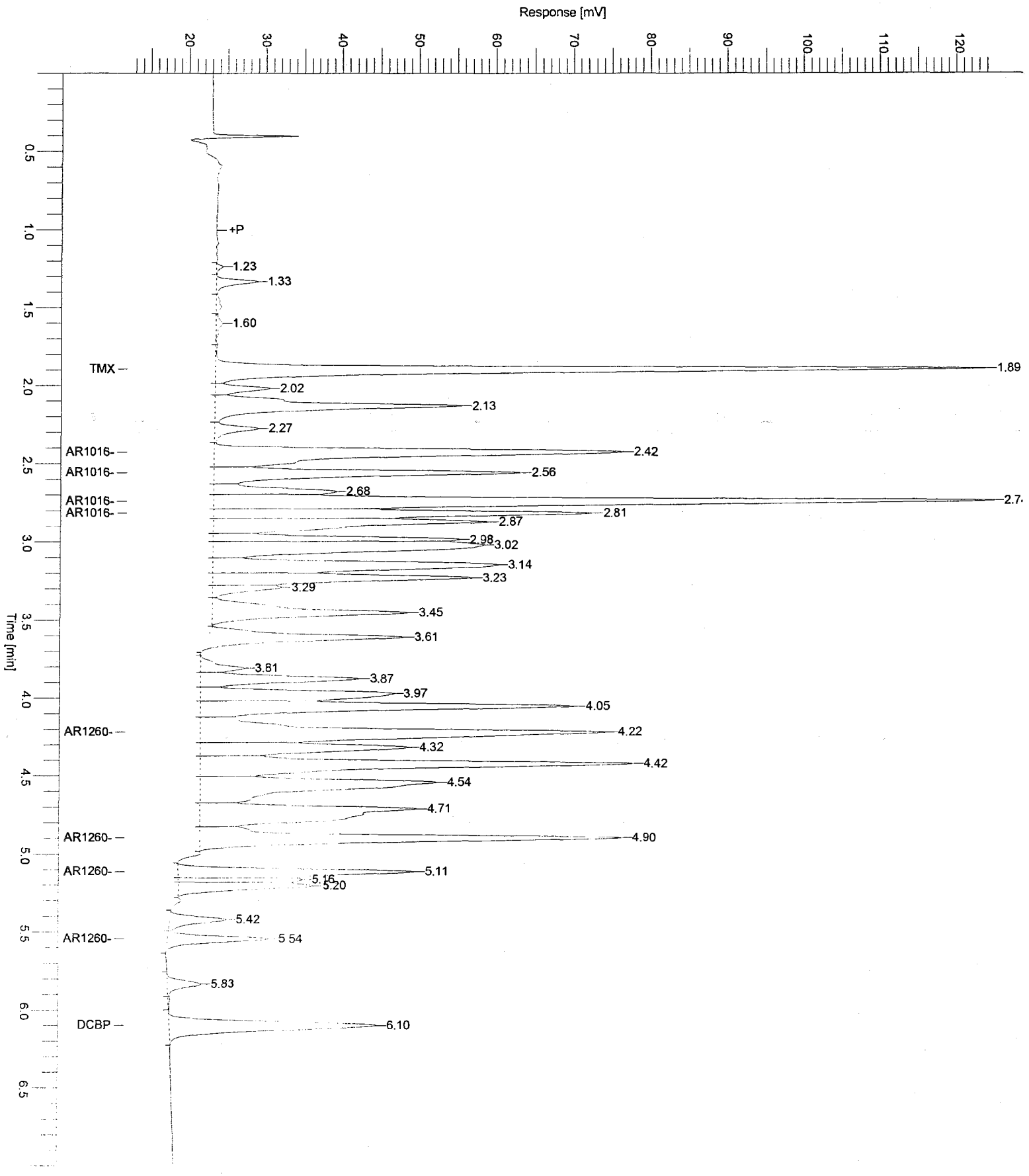
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win
2.42	VV	191434	AR1016-A	0.3881	493284	382869	-22.4	2.35 - 2.49
2.56	VV	113336	AR1016-B	0.3854	294099	226673	-22.9	2.49 - 2.63
2.74	VV	303151	AR1016-C	0.3780	801947	606303	-24.4	2.67 - 2.81
2.81	VV	126665	AR1016-D	0.3895	325195	253329	-22.1	2.74 - 2.88
		734587		1.5410		1469174		

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win
4.22	VV	224664	AR1260-A	0.3883	578591	449327	-22.3	4.15 - 4.29
4.90	VB	176936	AR1260-B	0.3407	519290	353872	-31.9	4.83 - 4.97
5.11	BV	89587	AR1260-C	0.4009	223443	179175	-19.8	5.04 - 5.18
5.54	VB	36118	AR1260-D	0.4029	89634	72236	-19.4	5.47 - 5.61
		527305		1.5329		1054610		

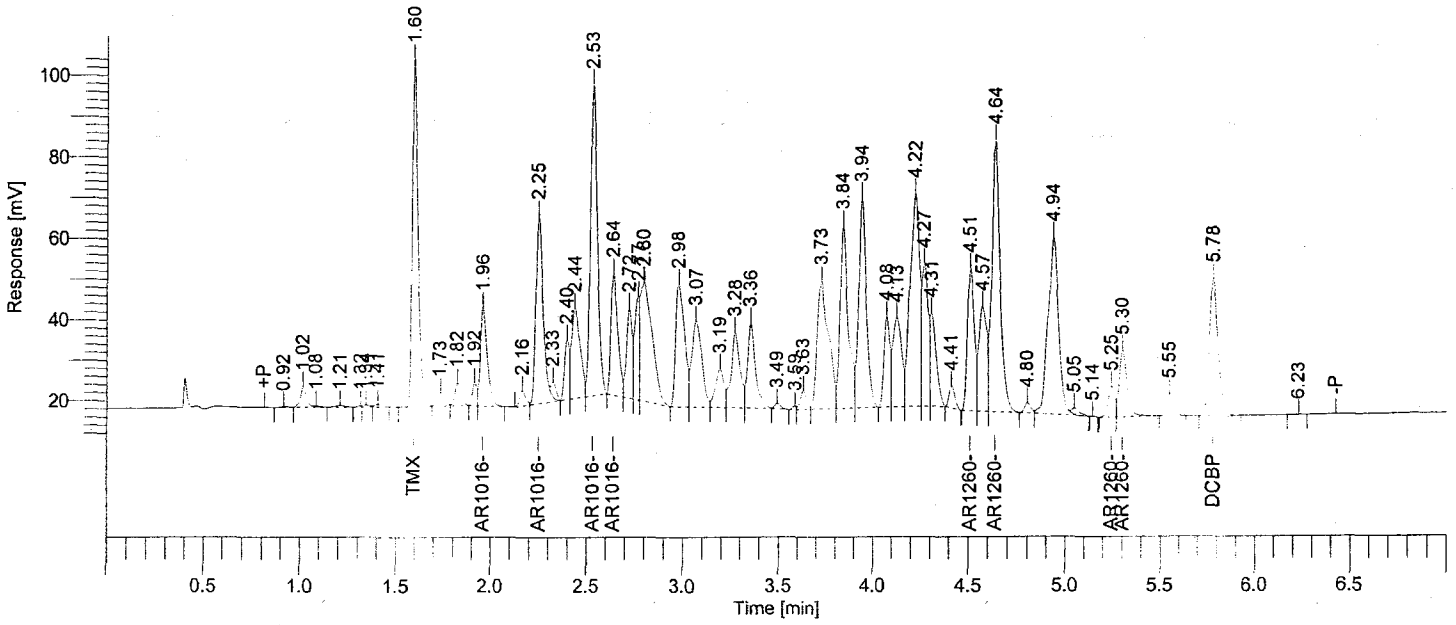
Chromatogram

Sample Name : ICM66NK Sample #: 0.5NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12A46097.raw
Date : 06/20/2006 13:26:49
Method : 12DINS Time of Injection: 06/20/2006 12:12:39
Start Time : 0.00 min End Time : 7.00 min Low Point : 12.04 mV High Point : 124.94 mV
Scale Factor: 1.0 Plot Offset: 12.04 mV Plot Scale: 112.9 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/20/2006 13:26:51
Reprocess Number	: buf2042: 110353		
Operator	: tchrom	Sample Name	: ICM66NK
Sample Number	: 0.5NG	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/20/2006 12:12:39	Cycle	: 4

Raw Data File : H:\TURBO6\5890-12\12B46097.raw <Modified>
Result File : H:\TURBO6\5890-12\12B46097.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B46097.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B46097.rst
Calib Method : h:\turbo6\5890-12\12b-66(06-11-06).mth from H:\TURBO6\5890-12\12B46097.rst
Report Format File: h:\turbo6\5890-12\l%d.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win
1.60	BV	181102	TMX	0.0304	5963091	362204	1.2	1.53 - 1.67
2.53		458739	AR1016	0.4734	969124	917478	-5.3	2.46 - 2.60
4.64		348203	AR1260	0.5023	693152	696405	0.5	4.57 - 4.71
5.78	BB	103808	DCBP	0.0296	3512529	207615	-1.5	5.71 - 5.85
		1091851		1.0356		2183702		

6/20/06 mm

06/20/2006 13:26:51 Result: H:\TURBO6\5890-12\12B46097.rst

Group Report For : AR1016

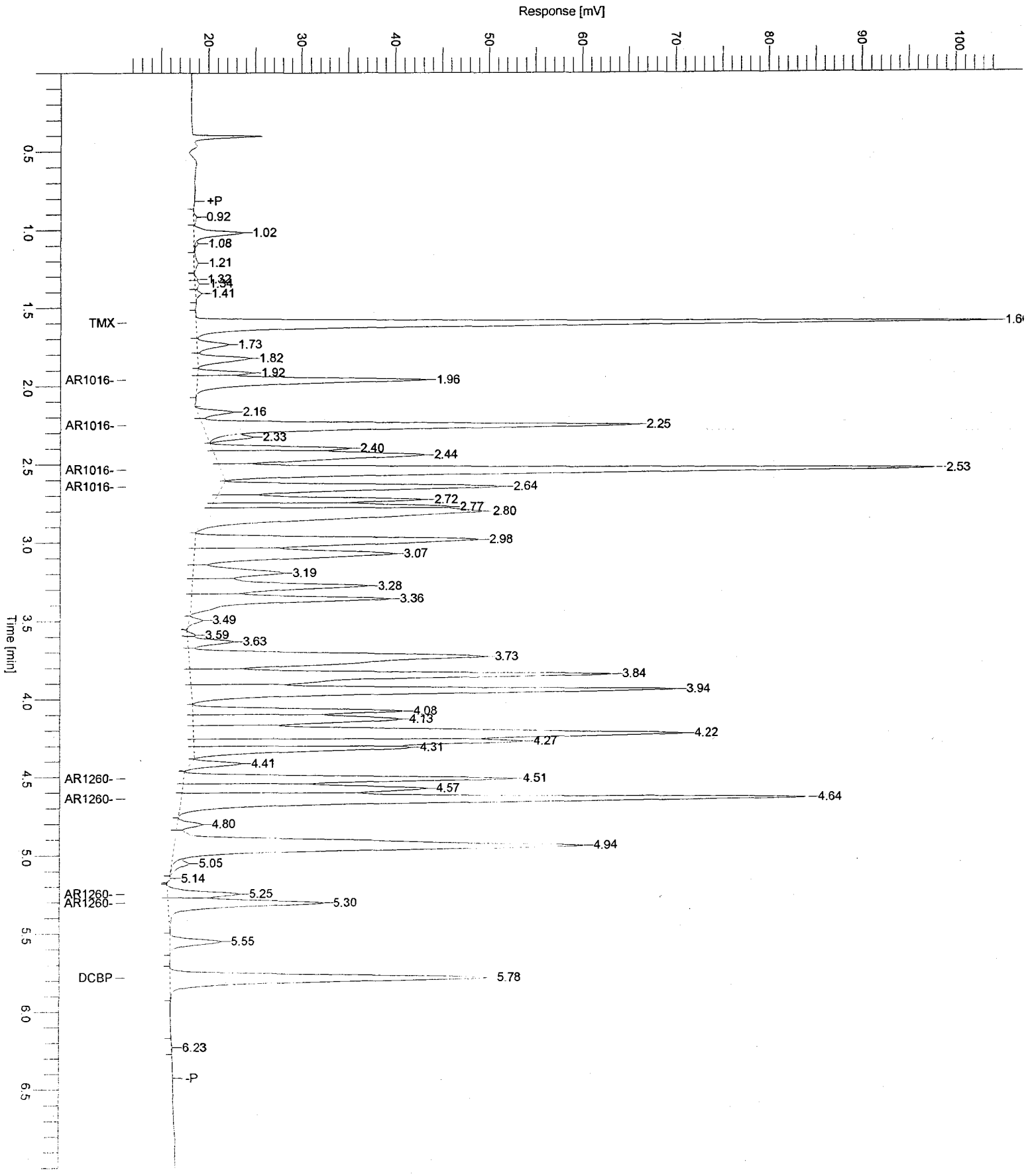
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win
1.96	VB	61924	AR1016-A	0.5189	119331	123848	3.8	1.89 - 2.03
2.25	VE	120908	AR1016-B	0.4920	245770	241816	-1.6	2.18 - 2.32
2.53	VB	196970	AR1016-C	0.4660	422681	393941	-6.8	2.46 - 2.60
2.64	BV	78936	AR1016-D	0.4363	180906	157873	-12.7	2.57 - 2.71
		458739		1.9132		917478		

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win
4.51	BV	85738	AR1260-A	0.5161	166113	171476	3.2	4.44 - 4.58
4.64	VB	197036	AR1260-B	0.5076	388148	394073	1.5	4.57 - 4.71
5.25	BV	17802	AR1260-C	0.4751	37472	35604	-5.0	5.18 - 5.32
5.30	VB	47626	AR1260-D	0.4673	101914	95253	-6.5	5.23 - 5.37
		348203		1.9662		696405		

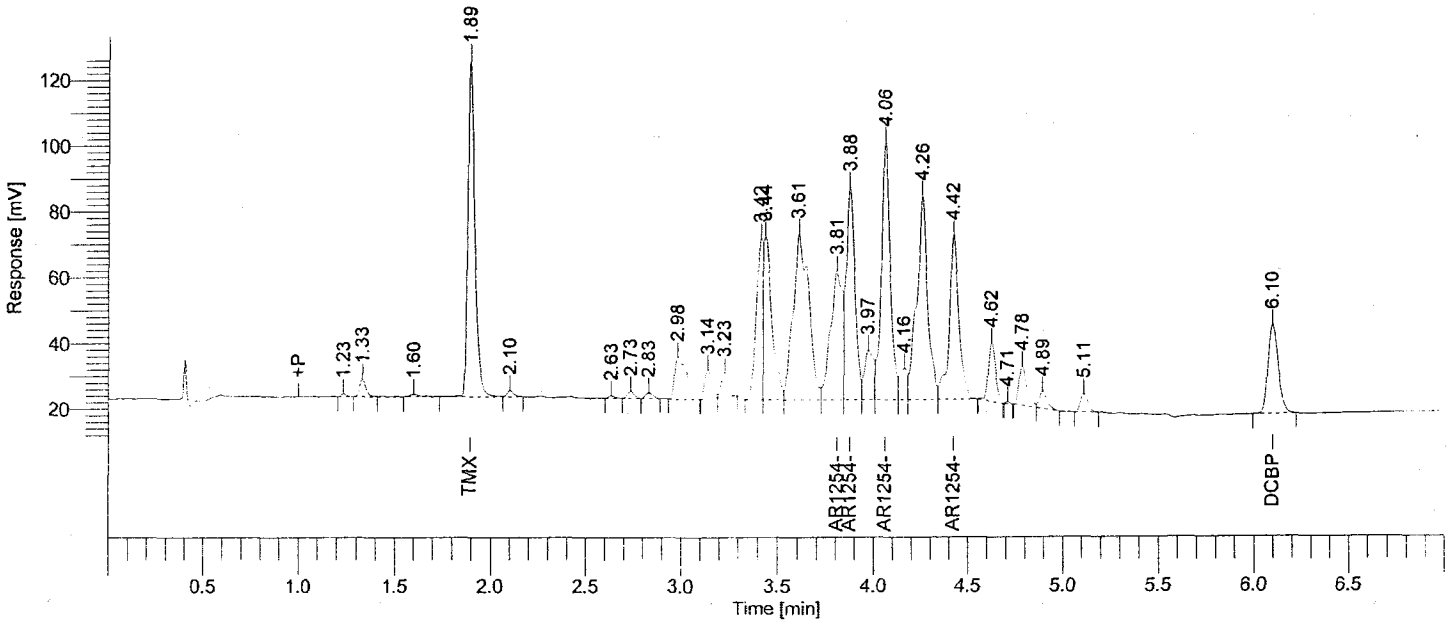
Chromatogram

Sample Name : ICM66NK Sample #: 0.5NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12B46097.raw
Date : 06/20/2006 13:26:52
Method : 12DINS Time of Injection: 06/20/2006 12:12:39
Start Time : 0.00 min End Time : 7.00 min Low Point : 11.34 mV High Point : 104.24 mV
Scale Factor: 1.0 Plot Offset: 11.34 mV Plot Scale: 92.9 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/20/2006 13:26:53
Reprocess Number	: buf2042: 110354		
Operator	: tchrom	Sample Name	: ICM54VE
Sample Number	: 0.5NG	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/20/2006 12:32:23	Cycle	: 5

Raw Data File : H:\TURBO6\5890-12\12A46098.raw <Modified>
Result File : H:\TURBO6\5890-12\12A46098.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A46098.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A46098.rst
Calib Method : h:\turbo6\5890-12\12a-54(06-11-06).mth from H:\TURBO6\5890-12\12A46098.rst
Report Format File: h:\turbo6\5890-12\I%d.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win
1.89	VV	251464	TMX	0.0211	11902337	502927	-29.6	1.82 - 1.96
4.06		807401	AR1254	0.3696	2184564	1614802	-26.1	3.99 - 4.13
6.10	BB	102309	DCBP	0.0237	4316710	204617	-21.0	6.03 - 6.17
		1161173		0.4144		2322347		

6/20/06 mm

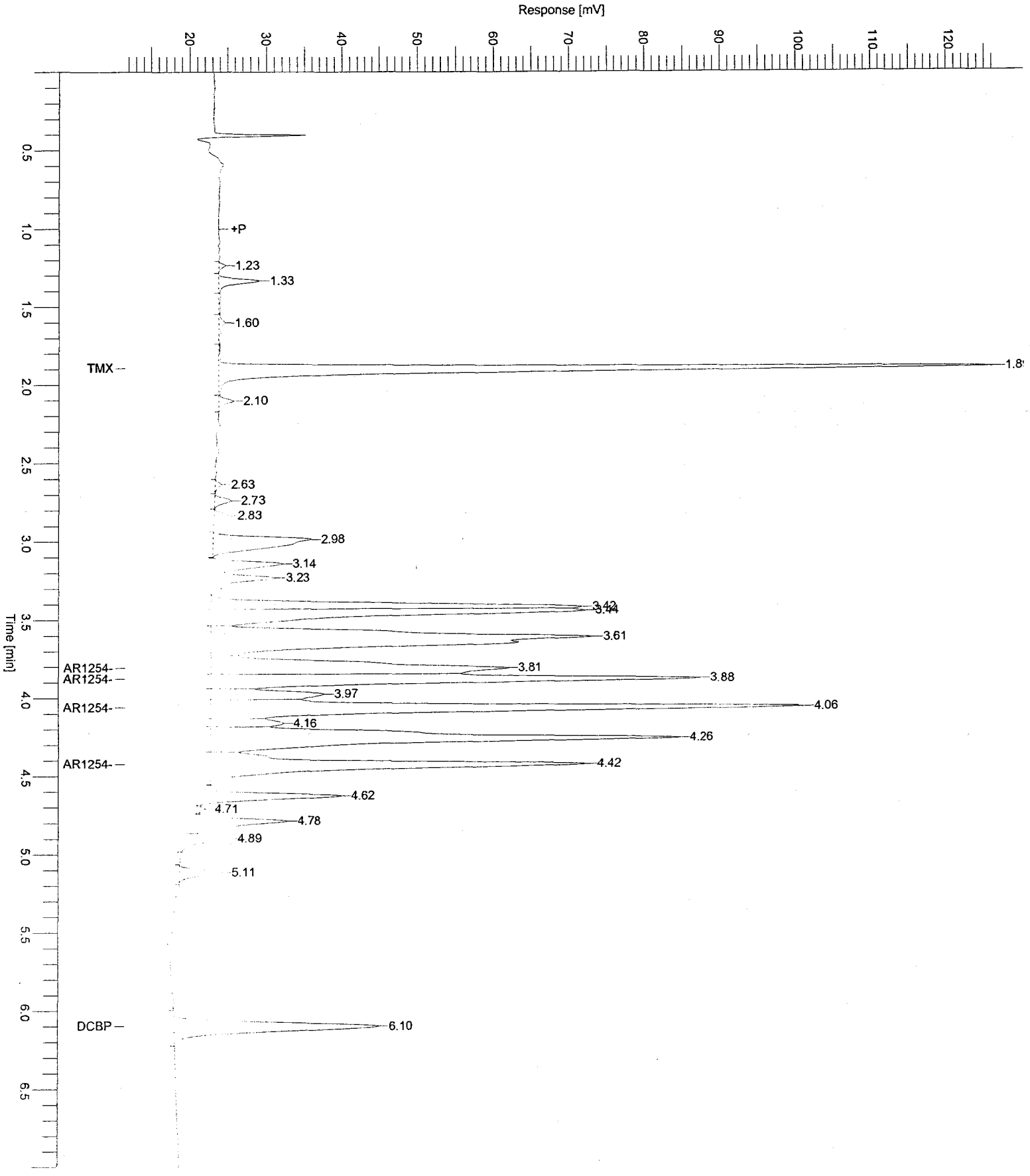
06/20/2006 13:26:53 Result: H:\TURBO6\5890-12\12A46098.rst

Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win
3.81	VV	171627	AR1254-A	0.3686	465612	343254	-26.3	3.74 - 3.88
3.88	VV	203152	AR1254-B	0.3653	556174	406304	-26.9	3.81 - 3.95
4.06	VV	253044	AR1254-C	0.3674	688790	506088	-26.5	3.99 - 4.13
4.42	VB	179579	AR1254-D	0.3789	473987	359157	-24.2	4.35 - 4.49
		807401		1.4801		1614802		

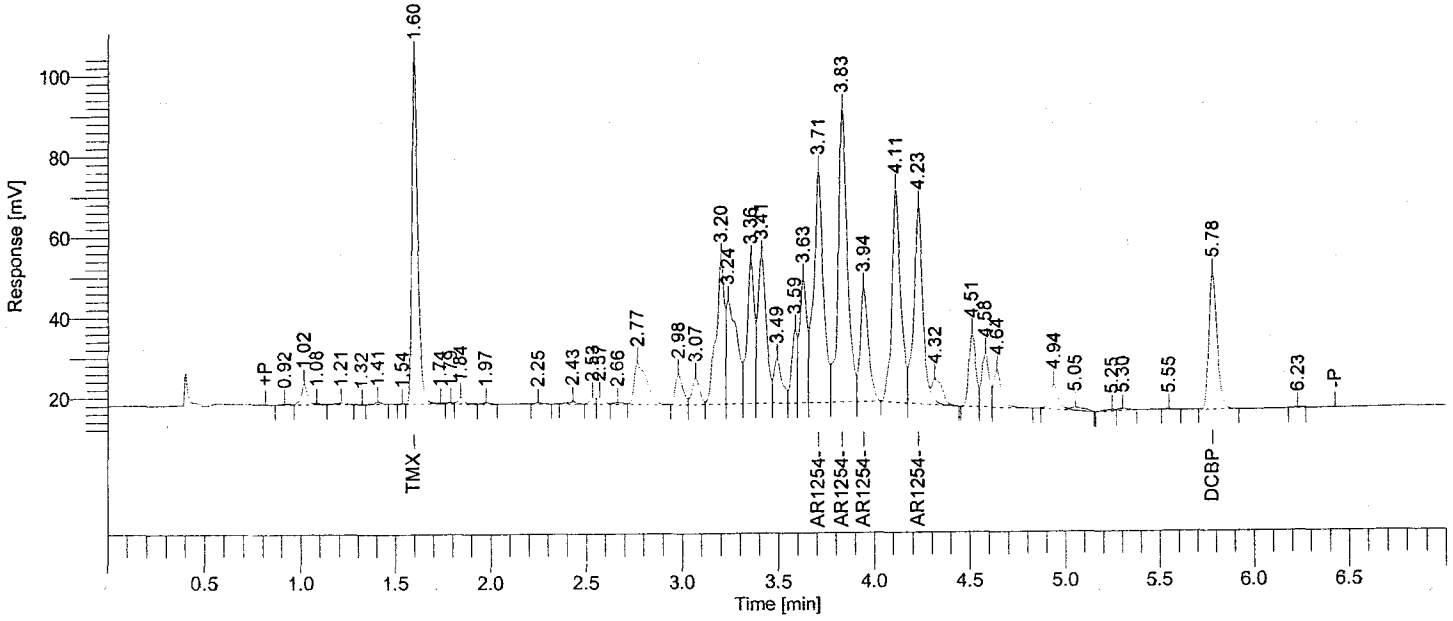
Chromatogram

Sample Name : ICM54VE Sample #: 0.5NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12A46098.raw
Date : 06/20/2006 13:26:55
Method : 12DINS Time of Injection: 06/20/2006 12:32:23
Start Time : 0.00 min End Time : 7.00 min Low Point : 11.56 mV High Point : 126.56 mV
Scale Factor: 1.0 Plot Offset: 11.56 mV Plot Scale: 115.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/20/2006 13:26:56
Reprocess Number	: buf2042: 110355		
Operator	: tchrom	Sample Name	: ICM54VE
Sample Number	: 0.5NG	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/20/2006 12:32:23	Cycle	: 5

Raw Data File : H:\TURBO6\5890-12\12B46098.raw <Modified>
Result File : H:\TURBO6\5890-12\12B46098.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B46098.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B46098.rst
Calib Method : h:\turbo6\5890-12\12b-54(06-11-06).mth from H:\TURBO6\5890-12\12B46098.rst
Report Format File: h:\turbo6\5890-12\l%d.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win
1.60	VE	184258	TMX	0.0310	5947339	368517	3.3	1.53 - 1.67
3.83		693699	AR1254	0.4996	1388544	1387399	-0.1	3.76 - 3.90
5.78	BB	104079	DCBP	0.0296	3510715	208158	-1.2	5.71 - 5.85
		982037		0.5602		1964073		

6/20/06 mm

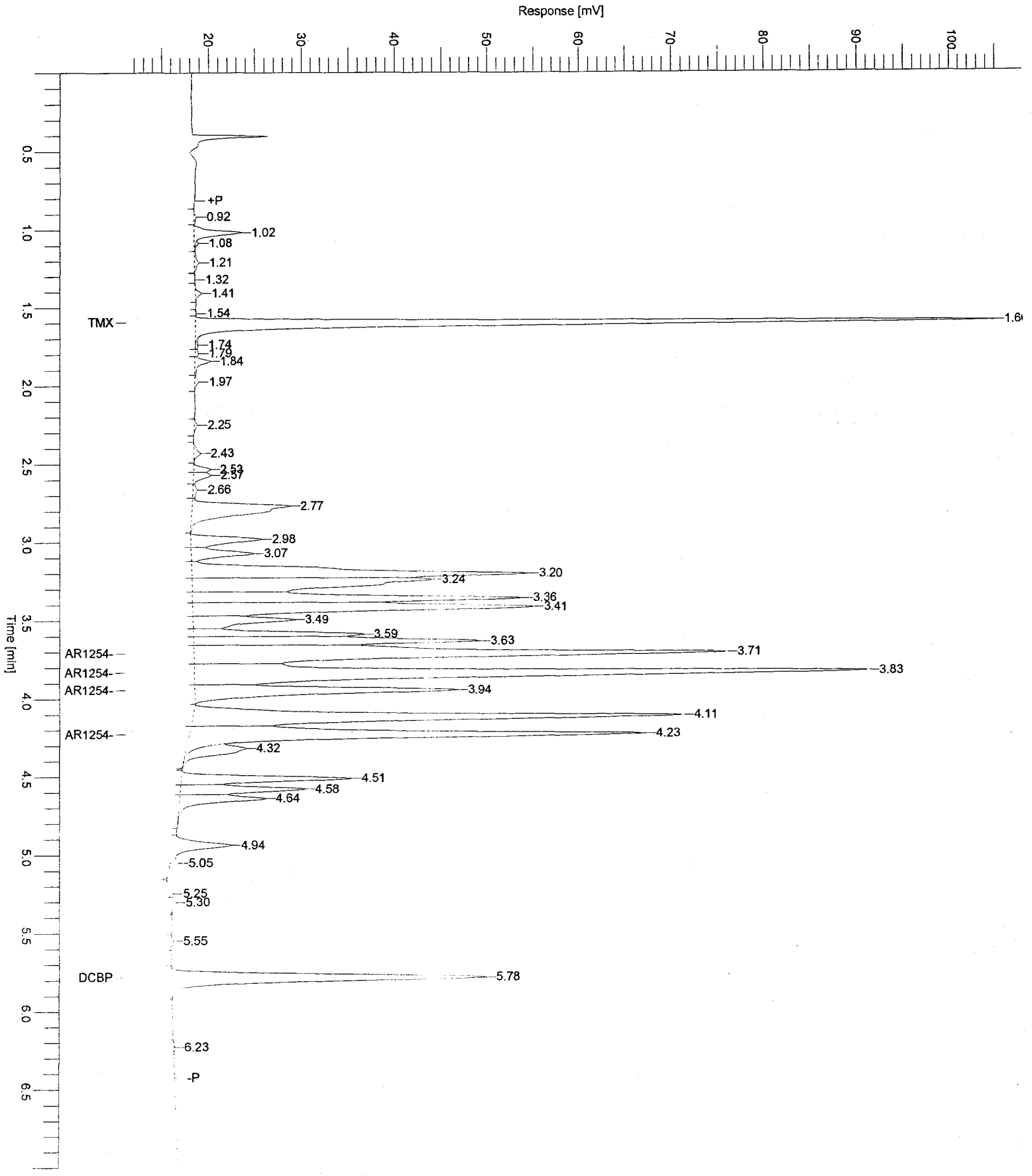
06/20/2006 13:26:56 Result: H:\TURBO6\5890-12\12B46098.rst

Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win
3.71	VV	206566	AR1254-A	0.4979	414875	413132	-0.4	3.64 - 3.78
3.83	VV	242199	AR1254-B	0.4988	485610	484397	-0.2	3.76 - 3.90
3.94	VB	85375	AR1254-C	0.5048	169127	170749	1.0	3.87 - 4.01
4.23	VE	159560	AR1254-D	0.5003	318932	319121	0.1	4.16 - 4.30
		693699		2.0017		1387399		

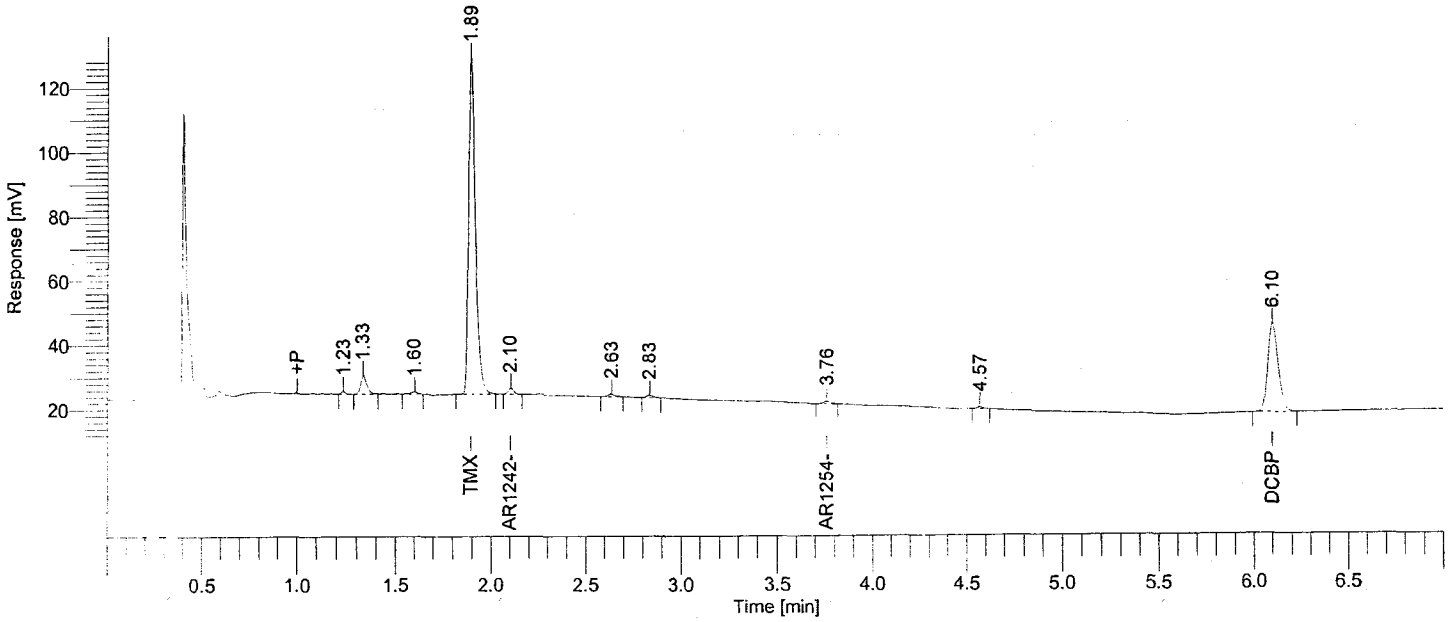
Chromatogram

Sample Name : ICM54VE Sample #: 0.5NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12B46098.raw
Date : 06/20/2006 13:26:57
Method : 12DINS Time of Injection: 06/20/2006 12:32:23
Start Time : 0.00 min End Time : 7.00 min Low Point : 11.14 mV High Point : 105.02 mV
Scale Factor: 1.0 Plot Offset: 11.14 mV Plot Scale: 93.9 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/20/2006 13:26:58
Reprocess Number	: buf2042: 110356		
Operator	: tchrom	Sample Name	: ICM3JAB
Sample Number	: 0.03NG	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/20/2006 12:52:50	Cycle	: 6

Raw Data File : H:\TURBO6\5890-12\12A46099.raw <Modified>
Result File : H:\TURBO6\5890-12\12A46099.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A46099.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A46099.rst
Calib Method : h:\turbo6\5890-12\12a-4-pcb(06-11-06).mth from H:\TURBO6\5890-12\12A46099.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
4	1.89	BV	253024	TMX	0.0213	-------	0
	2.10		3931	AR1242	0.0024	6.0e-04	4
	3.76		2073	AR1254	9.5e-04	2.4e-04	4
10	6.10	BB	103625	DCBP	0.0240	-------	0
			362653			8.4e-04	

6/20/06 mm

06/20/2006 13:26:58 Result: H:\TURBO6\5890-12\12A46099.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
5	2.10	VB	3931	AR1242-A	0.0153	0.0038	4
-	2.43		0	AR1242-B	0.0000	-------	-
-	2.56		0	AR1242-C	0.0000	-------	-
-	2.74		0	AR1242-D	0.0000	-------	-
			3931			0.0038	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.98		0	AR1248-A	0.0000	-------	-
-	3.14		0	AR1248-B	0.0000	-------	-
-	3.23		0	AR1248-C	0.0000	-------	-
-	3.57		0	AR1248-D	0.0000	-------	-
			0			0.0000	

Group Report For : AR1254

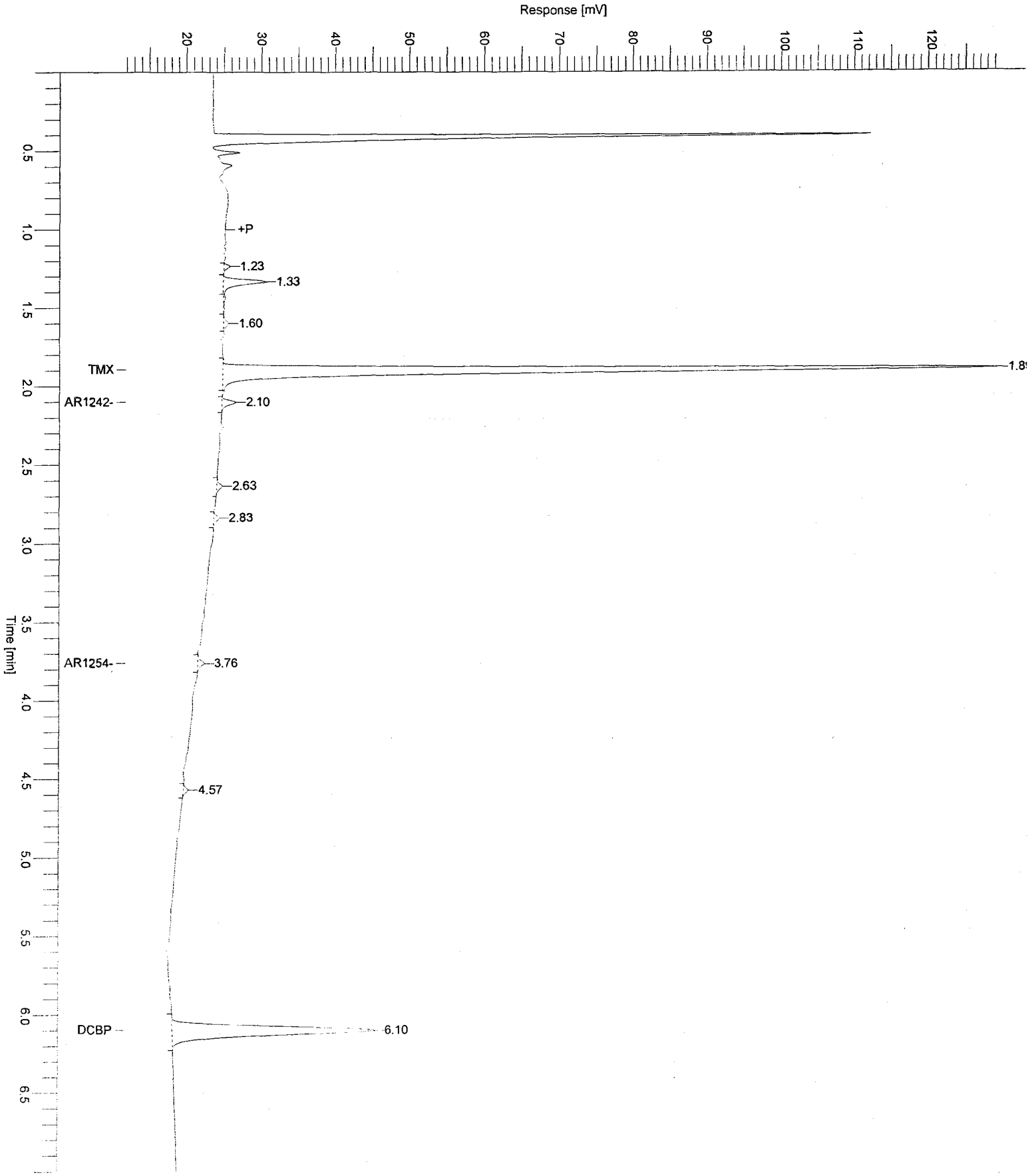
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
8	3.76	BB	2073	AR1254-A	0.0045	0.0011	4
-	3.89		0	AR1254-B	0.0000	-------	-
-	4.07		0	AR1254-C	0.0000	-------	-
-	4.44		0	AR1254-D	0.0000	-------	-
			2073			0.0011	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.22		0	AR1260-A	0.0000	-------	-
-	4.89		0	AR1260-B	0.0000	-------	-
-	5.11		0	AR1260-C	0.0000	-------	-
-	5.54		0	AR1260-D	0.0000	-------	-
			0			0.0000	

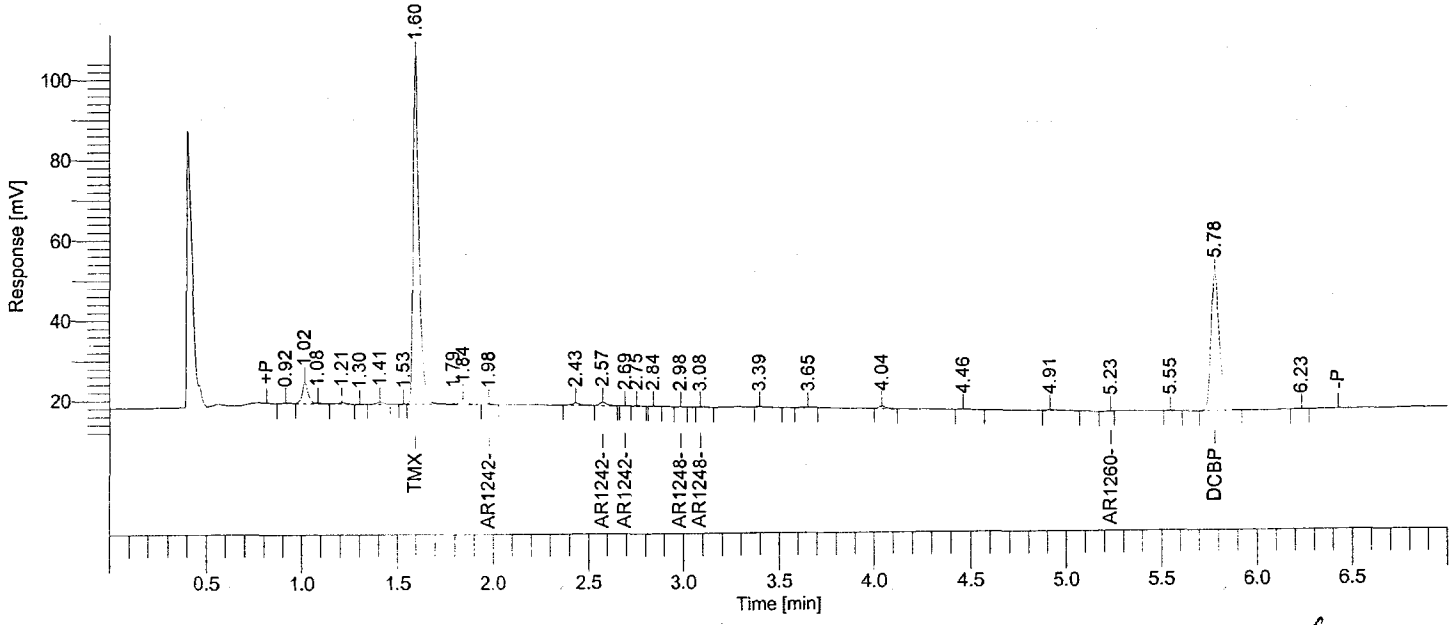
Chromatogram

Sample Name : ICM3JAB Sample #: 0.03NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12A46099.raw
Date : 06/20/2006 13:27:00
Method : 12DINS Time of Injection: 06/20/2006 12:52:50
Start Time : 0.00 min End Time : 7.00 min Low Point : 11.87 mV High Point : 129.26 mV
Scale Factor: 1.0 Plot Offset: 11.87 mV Plot Scale: 117.4 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/20/2006 13:27:01
Reprocess Number	: buf2042: 110357		
Operator	: tchrom	Sample Name	: ICM3JAB
Sample Number	: 0.03NG	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/20/2006 12:52:50	Cycle	: 6

Raw Data File : H:\TURBO6\5890-12\12B46099.raw <Modified>
Result File : H:\TURBO6\5890-12\12B46099.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B46099.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B46099.rst
Calib Method : h:\turbo6\5890-12\12b-4-pcb(06-11-06).mth from H:\TURBO6\5890-12\12B46099.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
8	1.60	VE	184299	TMX	0.0310	-------	0
	2.57		2801	AR1242	0.0036	9.0e-04	4
26	5.78	BB	104792	DCBP	0.0299	-------	0
			291891			9.0e-04	

6/20/06 mm

06/20/2006 13:27:01 Result: H:\TURBO6\5890-12\12B46099.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
11	1.98	BB	499	AR1242-A	0.0046	0.0011	4
-	2.25		0	AR1242-B	0.0000	-------	-
13	2.57	VB	2169	AR1242-C	0.0065	0.0016	4
14	2.69	BV	132	AR1242-D	9.9e-04	2.5e-04	4
			2801			0.0030	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
17	2.98	BV	421	AR1248-A	0.0017	4.2e-04	4
18	3.08	VB	538	AR1248-B	0.0024	6.1e-04	4
-	3.20		0	AR1248-C	0.0000	-------	-
-	3.24		0	AR1248-D	0.0000	-------	-
			959			0.0010	

Group Report For : AR1254

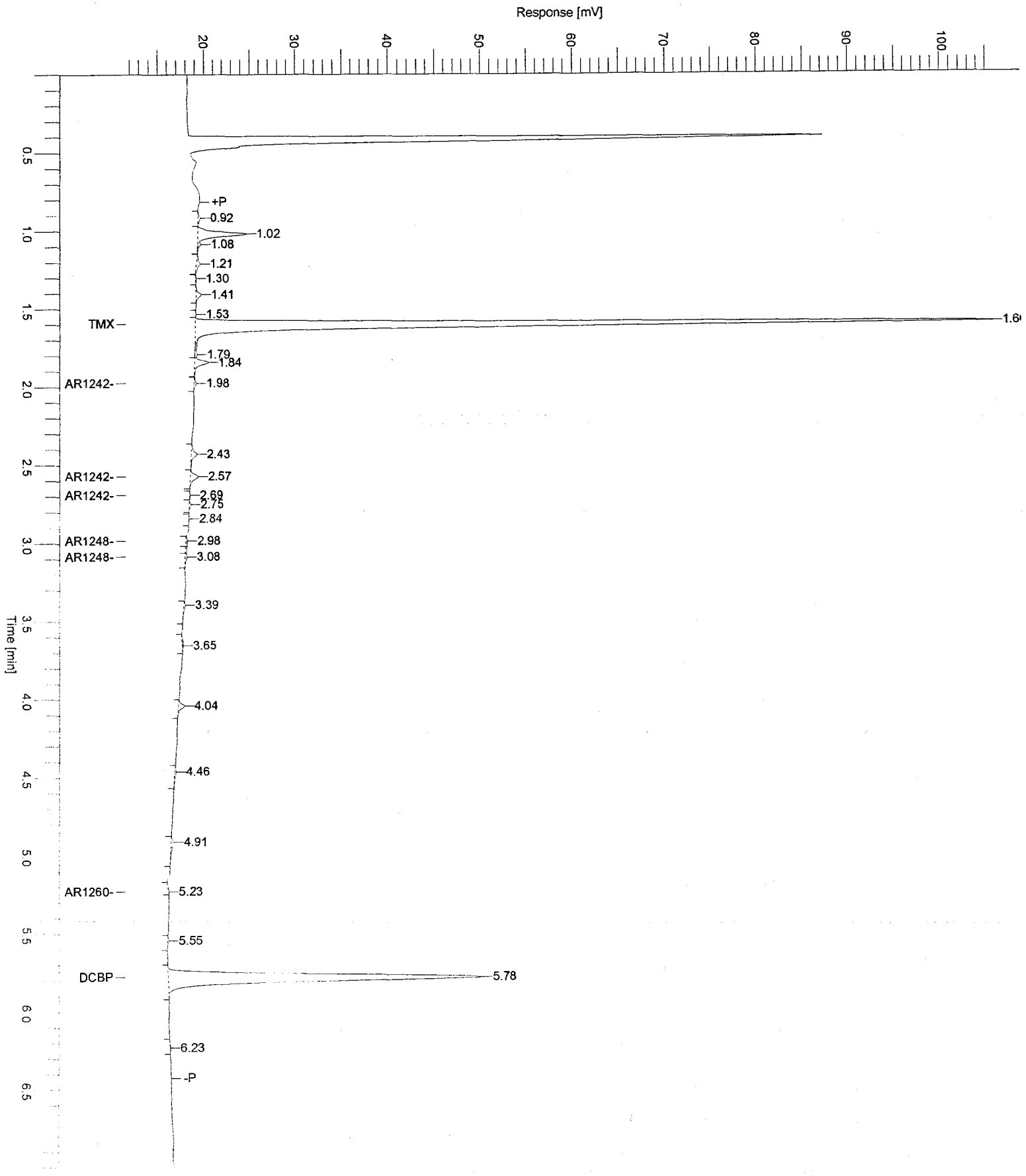
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.71		0	AR1254-A	0.0000	-------	-
-	3.83		0	AR1254-B	0.0000	-------	-
-	3.95		0	AR1254-C	0.0000	-------	-
-	4.23		0	AR1254-D	0.0000	-------	-
			0			0.0000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.51		0	AR1260-A	0.0000	-------	-
-	4.64		0	AR1260-B	0.0000	-------	-
24	5.23	BB	174	AR1260-C	-0.0293	-7e-03	4
-	5.30		0	AR1260-D	0.0000	-------	-
			174			-7e-03	

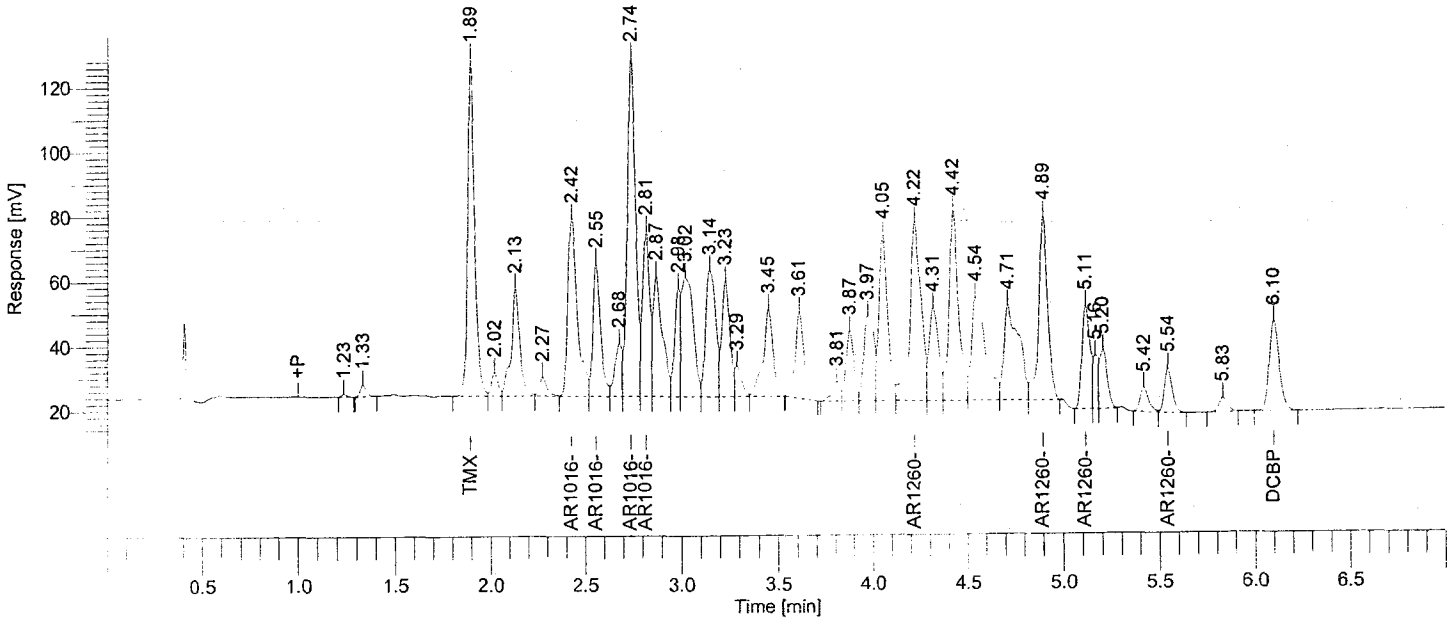
Chromatogram

Sample Name : ICM3JAB Sample #: 0.03NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12B46099.raw
Date : 06/20/2006 13:27:02
Method : 12DINS Time of Injection: 06/20/2006 12:52:50
Start Time : 0.00 min End Time : 7.00 min Low Point : 11.65 mV High Point : 105.84 mV
Scale Factor: 1.0 Plot Offset: 11.65 mV Plot Scale: 94.2 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/20/2006 22:50:01
Reprocess Number	: buf2048: 42825		
Operator	: tchrom	Sample Name	: ICM66NK
Sample Number	:	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/20/2006 17:07:39	Cycle	: 11

Raw Data File : H:\TURBO6\5890-12\12A46110.raw <Modified>
Result File : H:\TURBO6\5890-12\12A46110.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A46110.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A46110.rst
Calib Method : h:\turbo6\5890-12\12a-66(06-11-06).mth from H:\TURBO6\5890-12\12A46110.rst
Report Format File: h:\turbo6\5890-12\l%d.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Win
1.89	BV	259341	TMX	0.0219	11867205	518681	-27.2	1.82	-	1.96
2.74		756146	AR1016	0.3965	1906840	1512293	-20.7	2.67	-	2.81
4.89		549415	AR1260	0.3903	1407587	1098829	-21.9	4.82	-	4.96
6.10	VB	106695	DCBP	0.0248	4294909	213389	-17.2	6.03	-	6.17
		1671597		0.8336		3343193				

4/21/06

Group Report For : AR1016

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Win
2.42	VV	196557	AR1016-A	0.4007	490485	393113	-19.9	2.35	-	2.49
2.55	VV	116353	AR1016-B	0.3976	292624	232706	-20.5	2.48	-	2.62
2.74	VV	311993	AR1016-C	0.3902	799560	623985	-22.0	2.67	-	2.81
2.81	VV	131244	AR1016-D	0.4061	323184	262488	-18.8	2.74	-	2.88
		756146		1.5947		1512293				

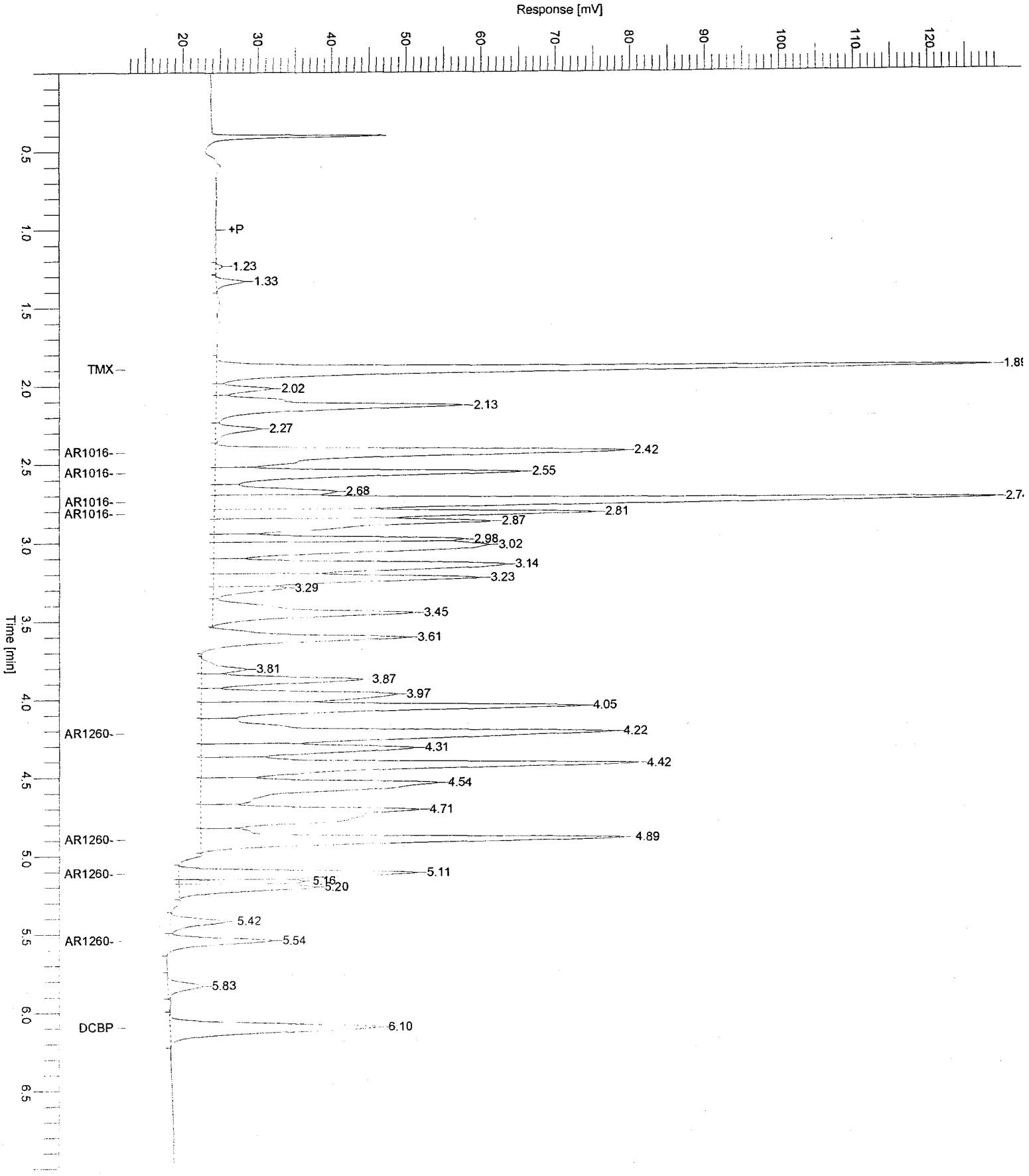
06/20/2006 22:50:01 Result: H:\TURBO6\5890-12\12A46110.rst

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win
4.22	VV	233619	AR1260-A	0.4057	575822	467237	-18.9	4.15 - 4.29
4.89	VB	183295	AR1260-B	0.3537	518159	366590	-29.3	4.82 - 4.96
5.11	BV	93008	AR1260-C	0.4180	222506	186016	-16.4	5.04 - 5.18
5.54	VB	39493	AR1260-D	0.4441	88930	78986	-11.2	5.47 - 5.61
		549415		1.6215		1098829		

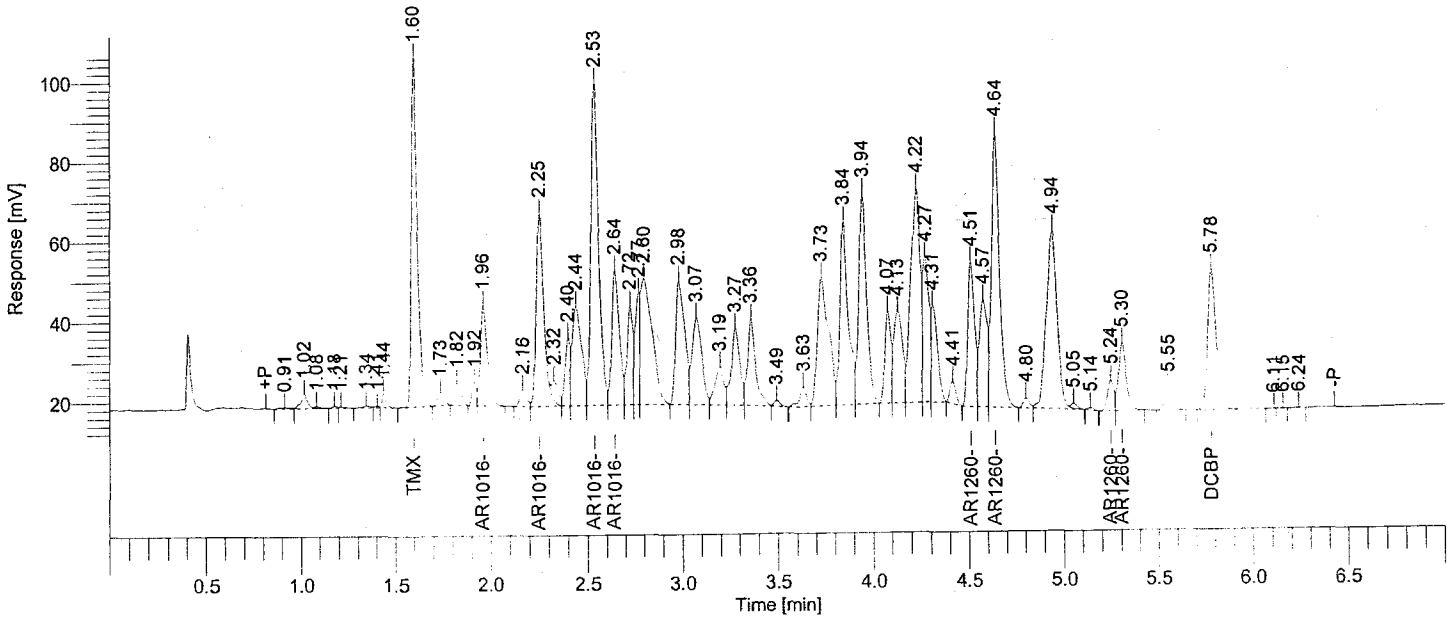
Chromatogram

Sample Name : ICM66NK Sample #: Page 1 of 1
FileName : H:\TURBO6\5890-12\12A46110.raw
Date : 06/20/2006 22:50:02
Method : 12DINS Time of Injection: 06/20/2006 17:07:39
Start Time : 0.00 min End Time : 7.00 min Low Point : 12.24 mV High Point : 129.00 mV
Scale Factor: 1.0 Plot Offset: 12.24 mV Plot Scale: 116.8 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/20/2006 22:50:05
Reprocess Number	: buf2048: 42826		
Operator	: tchrom	Sample Name	: ICM66NK
Sample Number	:	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/20/2006 17:07:39	Cycle	: 11

Raw Data File : H:\TURBO6\5890-12\12B46110.raw <Modified>
Result File : H:\TURBO6\5890-12\12B46110.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B46110.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B46110.rst
Calib Method : h:\turbo6\5890-12\12b-66(06-11-06).mth from H:\TURBO6\5890-12\12B46110.rst
Report Format File: h:\turbo6\5890-12\l%d.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win
1.60	BB	184954	TMX	0.0311	5943850	369908	3.7	1.53 - 1.67
2.53		509766	AR1016	0.5306	960793	1019531	6.1	2.46 - 2.60
4.64		355959	AR1260	0.5145	691792	711917	2.9	4.57 - 4.71
5.78	BB	108143	DCBP	0.0310	3483300	216287	3.5	5.71 - 5.85
		1158822		1.1073		2317644		

6/21/06

Group Report For : AR1016

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win
1.96	VB	63279	AR1016-A	0.5313	119104	126558	6.3	1.89 - 2.03
2.25	VE	130532	AR1016-B	0.5354	243812	261064	7.1	2.18 - 2.32
2.53	VV	219908	AR1016-C	0.5245	419243	439816	4.9	2.46 - 2.60
2.64	VV	96047	AR1016-D	0.5378	178589	192094	7.6	2.57 - 2.71
		509766		2.1290		1019531		

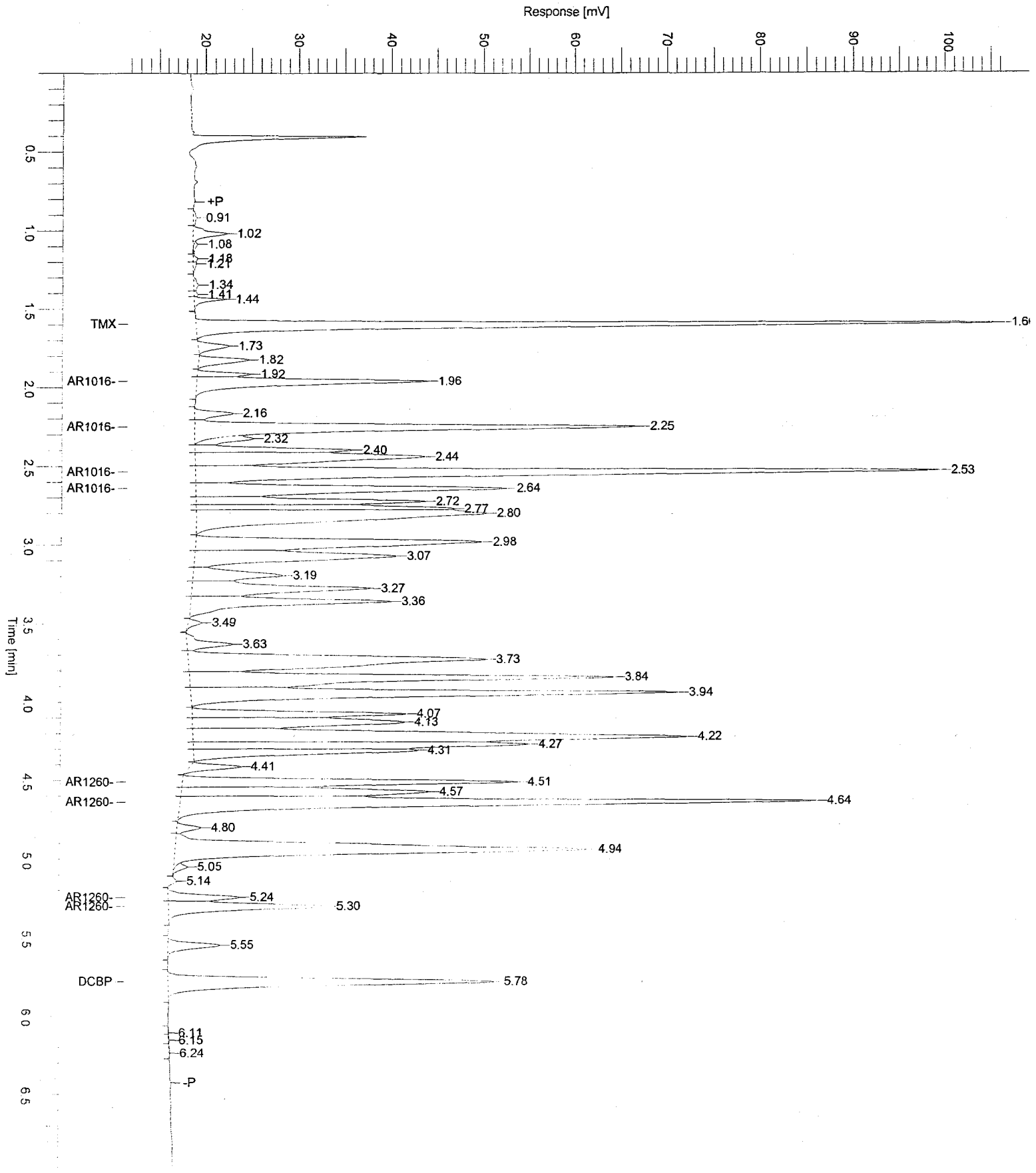
06/20/2006 22:50:05 Result: H:\TURBO6\5890-12\12B46110.rst

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win
4.51	BV	87710	AR1260-A	0.5291	165777	175420	5.8	4.44 - 4.58
4.64	VB	203145	AR1260-B	0.5245	387282	406291	4.9	4.57 - 4.71
5.24	BV	17836	AR1260-C	0.4761	37462	35672	-4.8	5.17 - 5.31
5.30	VB	47268	AR1260-D	0.4633	102022	94535	-7.3	5.23 - 5.37
		355959		1.9930		711917		

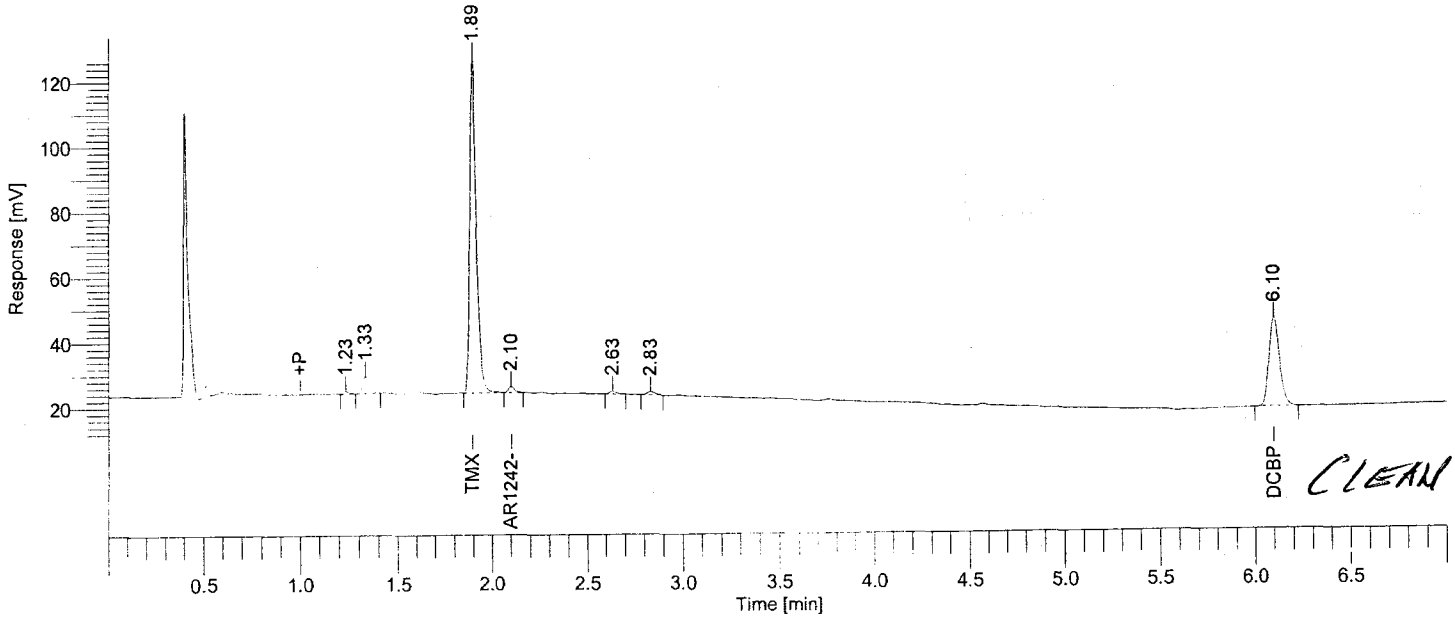
Chromatogram

Sample Name : ICM66NK Sample #: Page 1 of 1
FileName : H:\TURBO6\5890-12\12B46110.raw
Date : 06/20/2006 22:50:06
Method : 12DINS Time of Injection: 06/20/2006 17:07:39
Start Time : 0.00 min End Time : 7.00 min Low Point : 11.76 mV High Point : 106.12 mV
Scale Factor: 1.0 Plot Offset: 11.76 mV Plot Scale: 94.4 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/20/2006 22:50:09
Reprocess Number	: buf2048: 42827		
Operator	: tchrom	Sample Name	: ICM3JAB
Sample Number	:	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/20/2006 17:27:23	Cycle	: 12

Raw Data File : H:\TURBO6\5890-12\12A46111.raw <Modified>
Result File : H:\TURBO6\5890-12\12A46111.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A46111.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A46111.rst
Calib Method : h:\turbo6\5890-12\12a-4-pcb(06-11-06).mth from H:\TURBO6\5890-12\12A46111.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
3	1.89	BV	249532	TMX	0.0209	-------	0
	2.10		4080	AR1242	0.0025	6.2e-04	4
7	6.10	BB	103091	DCBP	0.0239	-------	0
			356703			6.2e-04	

4/21/06 GBD

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
4	2.10	VB	4080	AR1242-A	0.0159	0.0040	4
-	2.43		0	AR1242-B	0.0000	-------	-
-	2.56		0	AR1242-C	0.0000	-------	-
-	2.74		0	AR1242-D	0.0000	-------	-
			4080			0.0040	

06/20/2006 22:50:09 Result: H:\TURBO6\5890-12\12A46111.rst

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.98		0	AR1248-A	0.0000	-------	-
-	3.14		0	AR1248-B	0.0000	-------	-
-	3.23		0	AR1248-C	0.0000	-------	-
-	3.57		0	AR1248-D	0.0000	-------	-
			0			0.0000	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.81		0	AR1254-A	0.0000	-------	-
-	3.88		0	AR1254-B	0.0000	-------	-
-	4.06		0	AR1254-C	0.0000	-------	-
-	4.42		0	AR1254-D	0.0000	-------	-
			0			0.0000	

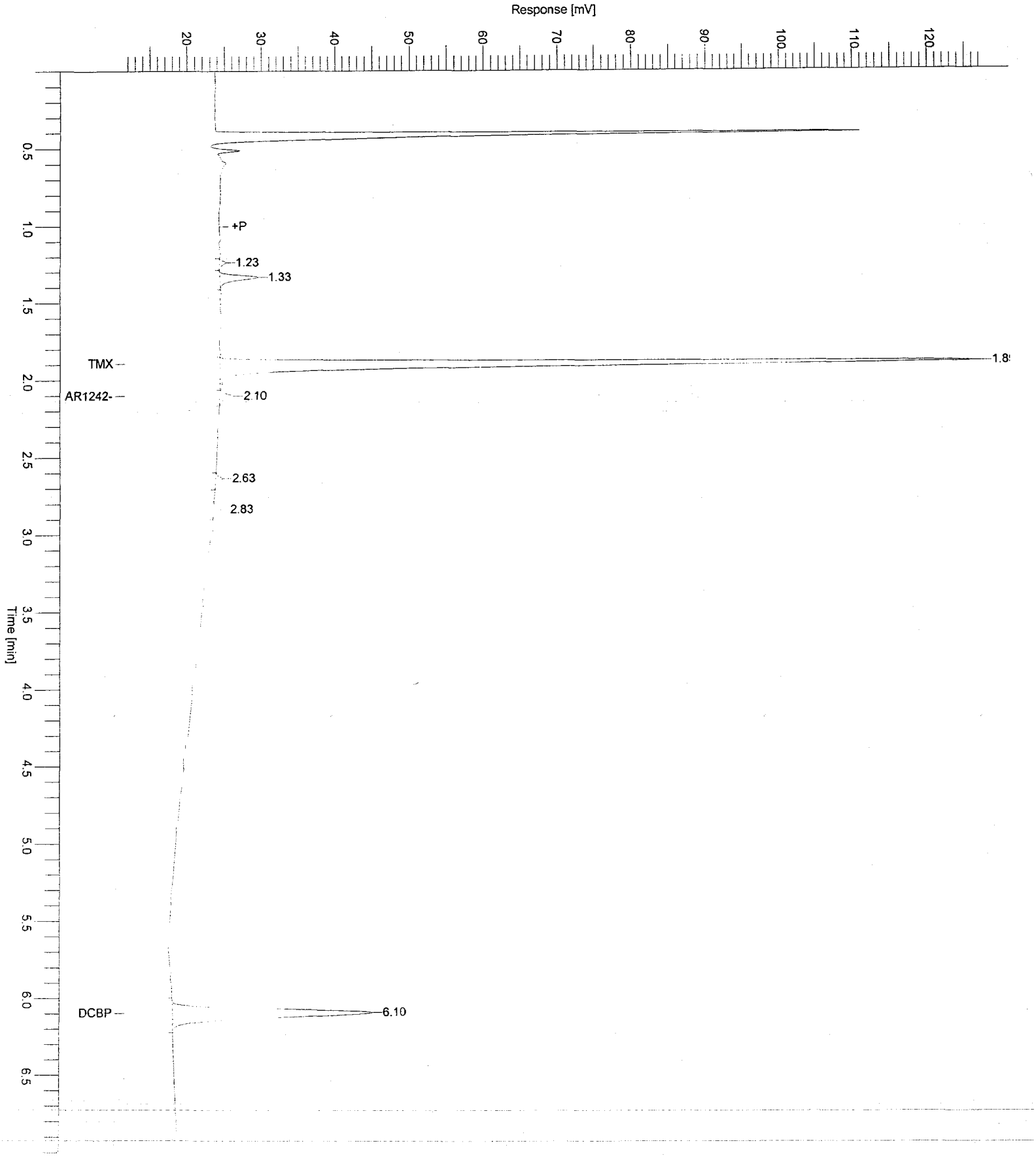
6/21/06 GRD

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.22		0	AR1260-A	0.0000	-------	-
-	4.89		0	AR1260-B	0.0000	-------	-
-	5.11		0	AR1260-C	0.0000	-------	-
-	5.54		0	AR1260-D	0.0000	-------	-
			0			0.0000	

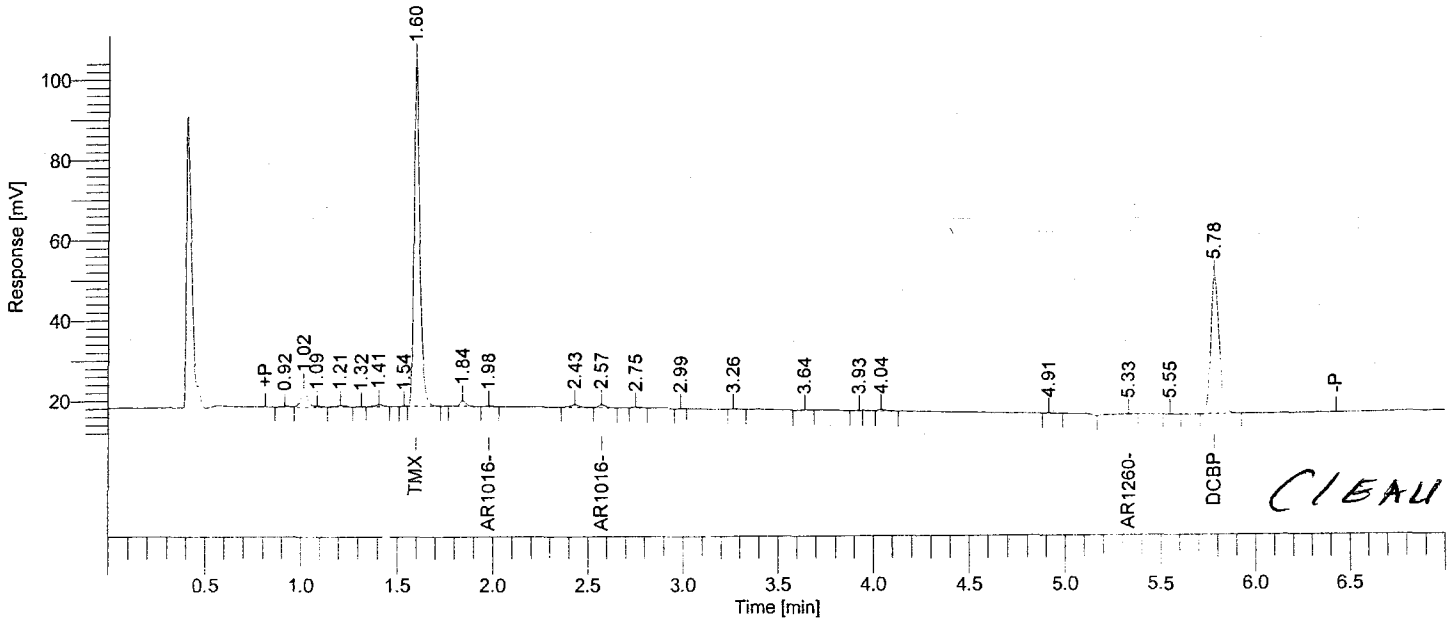
Chromatogram

Sample Name : ICM3JAB Sample #: Page 1 of 1
FileName : H:\TURBO6\5890-12\12A46111.raw
Date : 06/20/2006 22:50:10
Method : 12DINS Time of Injection: 06/20/2006 17:27:23
Start Time : 0.00 min End Time : 7.00 min Low Point : 11.66 mV High Point : 127.46 mV
Scale Factor: 1.0 Plot Offset: 11.66 mV Plot Scale: 115.8 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/20/2006 22:50:13
Reprocess Number	: buf2048: 42828		
Operator	: tchrom	Sample Name	: ICM3JAB
Sample Number	:	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/20/2006 17:27:23	Cycle	: 12

Raw Data File : H:\TURBO6\5890-12\12B46111.raw <Modified>
Result File : H:\TURBO6\5890-12\12B46111.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B46111.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B46111.rst
Calib Method : h:\turbo6\5890-12\12b-66(06-11-06).mth from H:\TURBO6\5890-12\12B46111.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
8	1.60	VB	184021	TMX	0.0309	-------	0
	2.57		2540	~~AR1016~~	-0.0187	-5e-03	4
	5.33		1403	~~AR1260~~	-0.0224	-6e-03	4
22	5.78	BB	106506	DCBP	0.0305	-------	0
			294470			-0.0103	

6/21/06 GAD

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
10	1.98	VB	546	AR1016-A	-0.0181	-5e-03	4
-	2.25		0	AR1016-B	0.0000	-------	-
12	2.57	VB	1994	AR1016-C	0.0155	-4e-03	4
-	2.64		0	AR1016-D	0.0000	-------	-
			2540			8e-03	

06/20/2006 22:50:13 Result: H:\TURBO6\5890-12\12B46111.rst

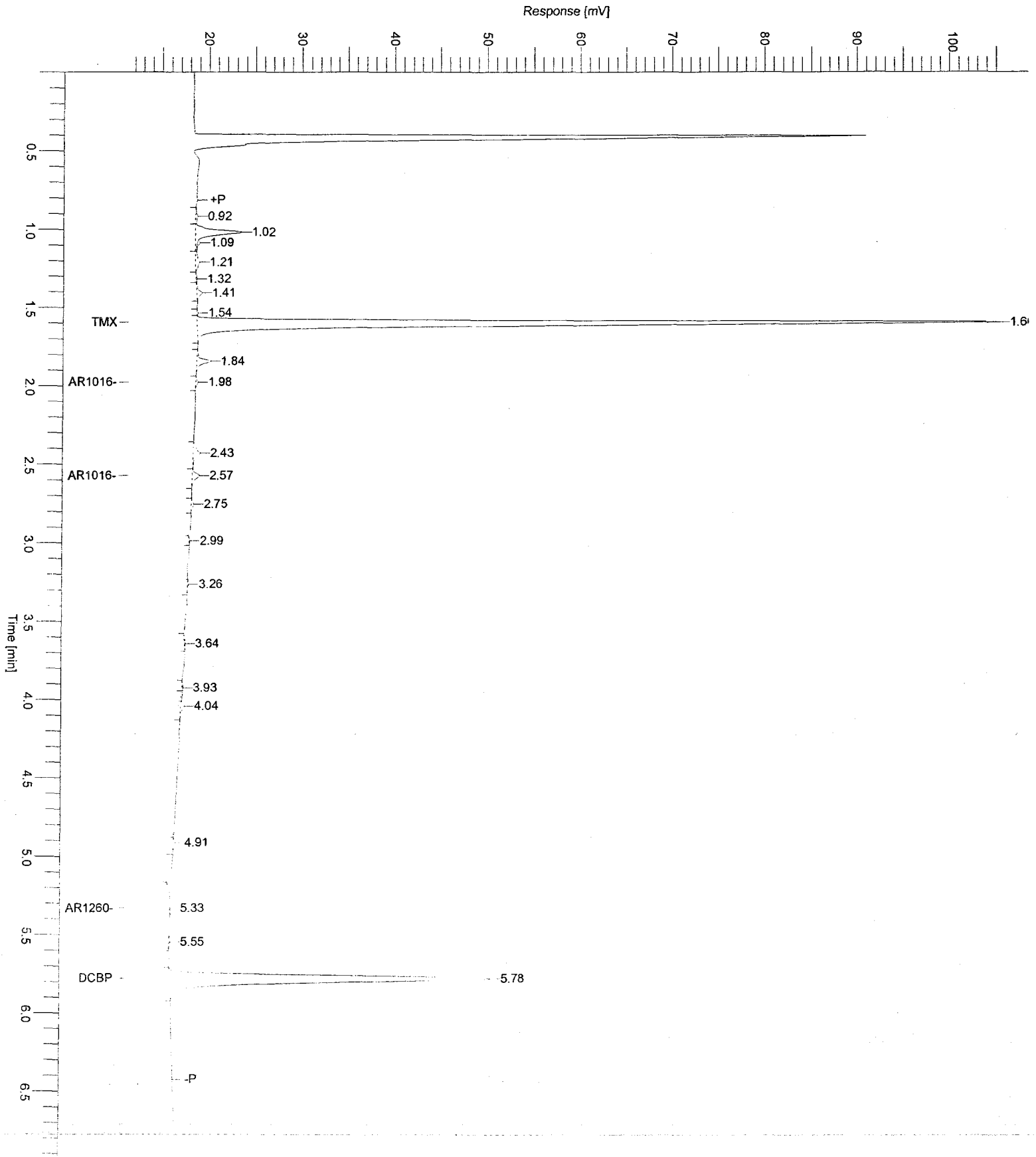
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.51		0	AR1260-A	0.0000	-------	-
-	4.64		0	AR1260-B	0.0000	-------	-
-	5.25		0	AR1260-C	0.0000	-------	-
20	5.33	BB	1403	AR1260-D	-0.0252	-6e-03	4
			1403			-6e-03	

4/21/06

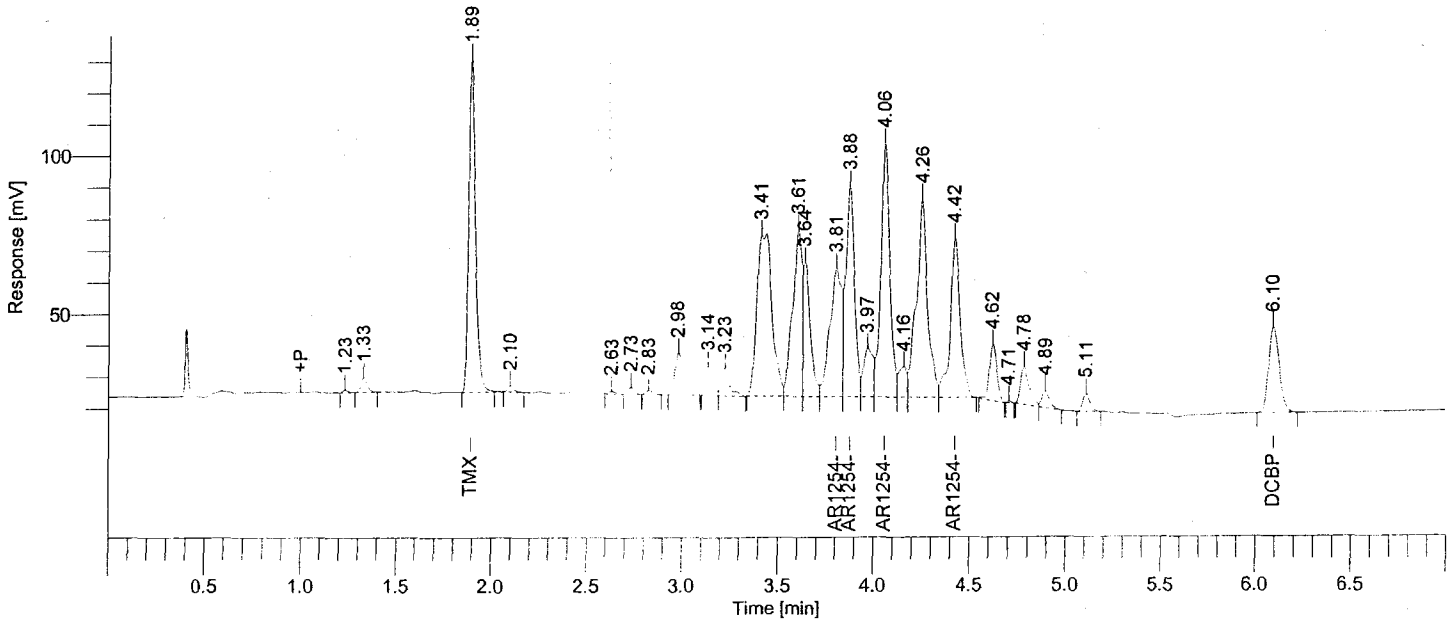
Chromatogram

Sample Name : ICM3JAB Sample #: Page 1 of 1
FileName : H:\TURBO6\5890-12\12B46111.raw
Date : 06/20/2006 22:50:14
Method : 12DINS *Time of Injection: 06/20/2006 17:27:23*
Start Time : 0.00 min End Time : 7.00 min Low Point : 11.42 mV High Point : 105.44 mV
Scale Factor: 1.0 Plot Offset: 11.42 mV Plot Scale: 94.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/20/2006 22:51:18
Reprocess Number	: buf2048: 42849		
Operator	: tchrom	Sample Name	: ICM54VE
Sample Number	: 0.5NG	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/20/2006 21:04:14	Cycle	: 23

Raw Data File : H:\TURBO6\5890-12\12A46122.raw <Modified>
Result File : H:\TURBO6\5890-12\12A46122.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A46122.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A46122.rst
Calib Method : h:\turbo6\5890-12\12a-54(06-11-06).mth from H:\TURBO6\5890-12\12A46122.rst
Report Format File: h:\turbo6\5890-12\l%d.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Win
1.89	BV	257281	TMX	0.0217	11876165	514561	-27.8	1.82	-	1.96
4.06		828657	AR1254	0.3793	2184564	1657314	-24.1	3.99	-	4.13
6.10	BB	103244	DCBP	0.0239	4311886	206488	-20.2	6.03	-	6.17
		1189182		0.4249		2378363				

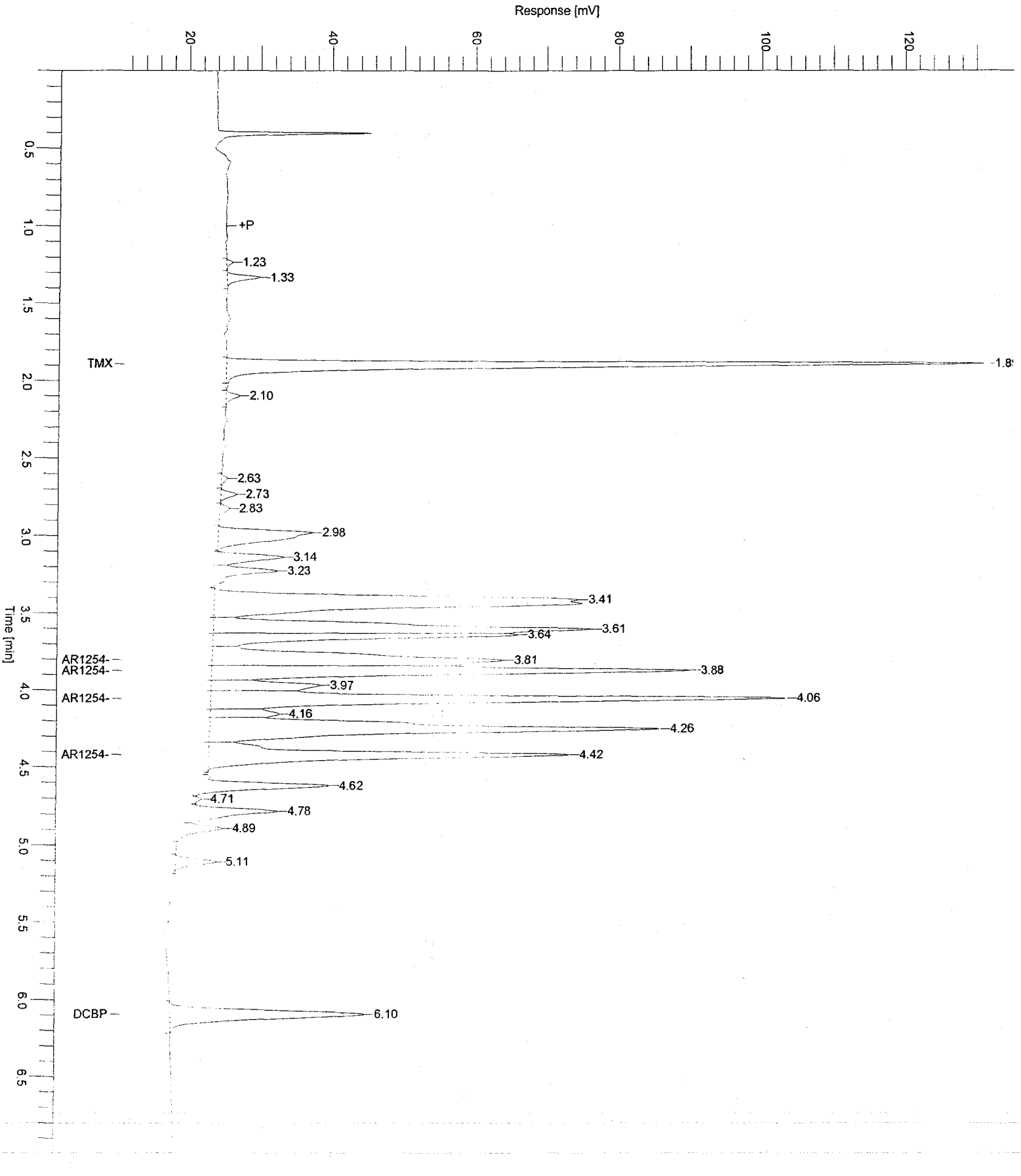
4/21/06

Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Win
3.81	VV	176892	AR1254-A	0.3799	465612	353785	-24.0	3.74	-	3.88
3.88	VV	211765	AR1254-B	0.3808	556174	423530	-23.8	3.81	-	3.95
4.06	VV	258949	AR1254-C	0.3759	688790	517899	-24.8	3.99	-	4.13
4.42	VB	181050	AR1254-D	0.3820	473987	362101	-23.6	4.35	-	4.49
		828657		1.5186		1657314				

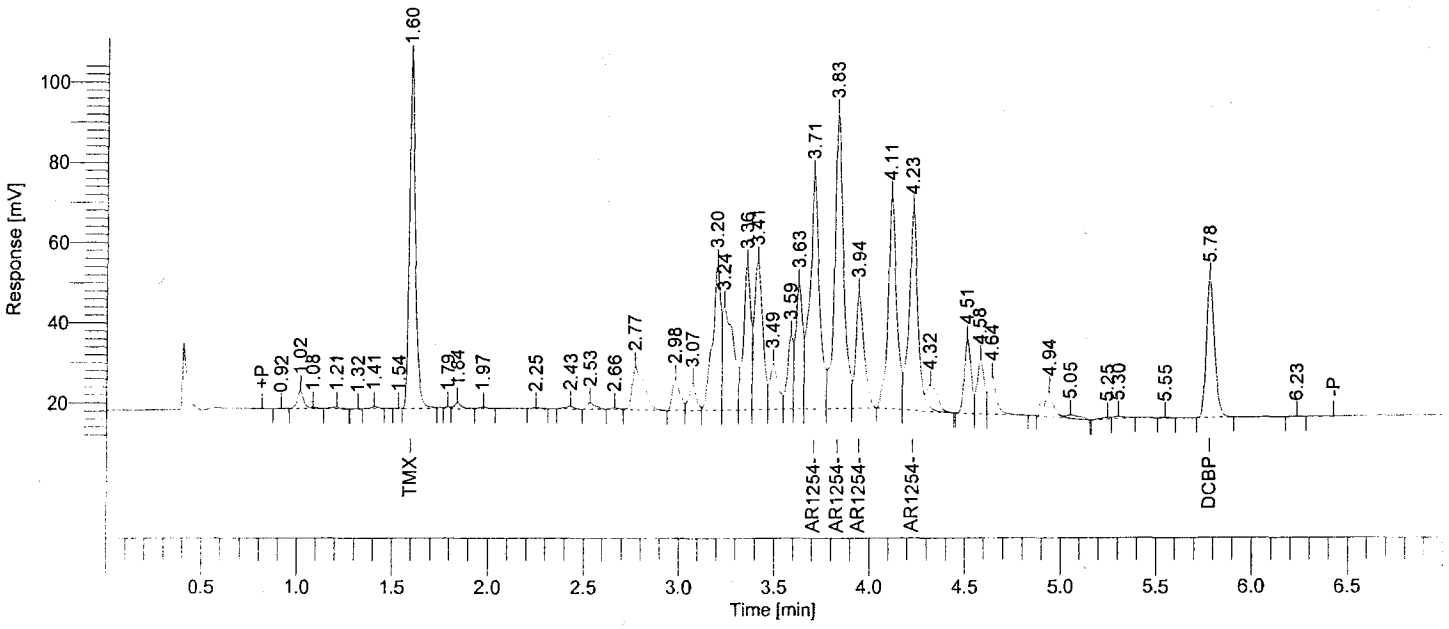
Chromatogram

Sample Name : ICM54VE Sample #: 0.5NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12A46122.raw
Date : 06/20/2006 22:51:19
Method : 12DINS Time of Injection: 06/20/2006 21:04:14
Start Time : 0.00 min End Time : 7.00 min Low Point : 11.22 mV High Point : 131.29 mV
Scale Factor: 1.0 Plot Offset: 11.22 mV Plot Scale: 120.1 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/20/2006 22:51:20
Reprocess Number	: buf2048: 42850		
Operator	: tchrom	Sample Name	: ICM54VE
Sample Number	: 0.5NG	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/20/2006 21:04:14	Cycle	: 23

Raw Data File : H:\TURBO6\5890-12\12B46122.raw <Modified>
Result File : H:\TURBO6\5890-12\12B46122.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B46122.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B46122.rst
Calib Method : h:\turbo6\5890-12\12b-54(06-11-06).mth from H:\TURBO6\5890-12\12B46122.rst
Report Format File: h:\turbo6\5890-12\l%d.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Win
1.60	VV	187177	TMX	0.0316	5932664	374353	5.2	1.53	-	1.67
3.83		705110	AR1254	0.5078	1388544	1410219	1.6	3.76	-	3.90
5.78	BB	107096	DCBP	0.0307	3490407	214191	2.3	5.71	-	5.85
		999382		0.5700		1998764				

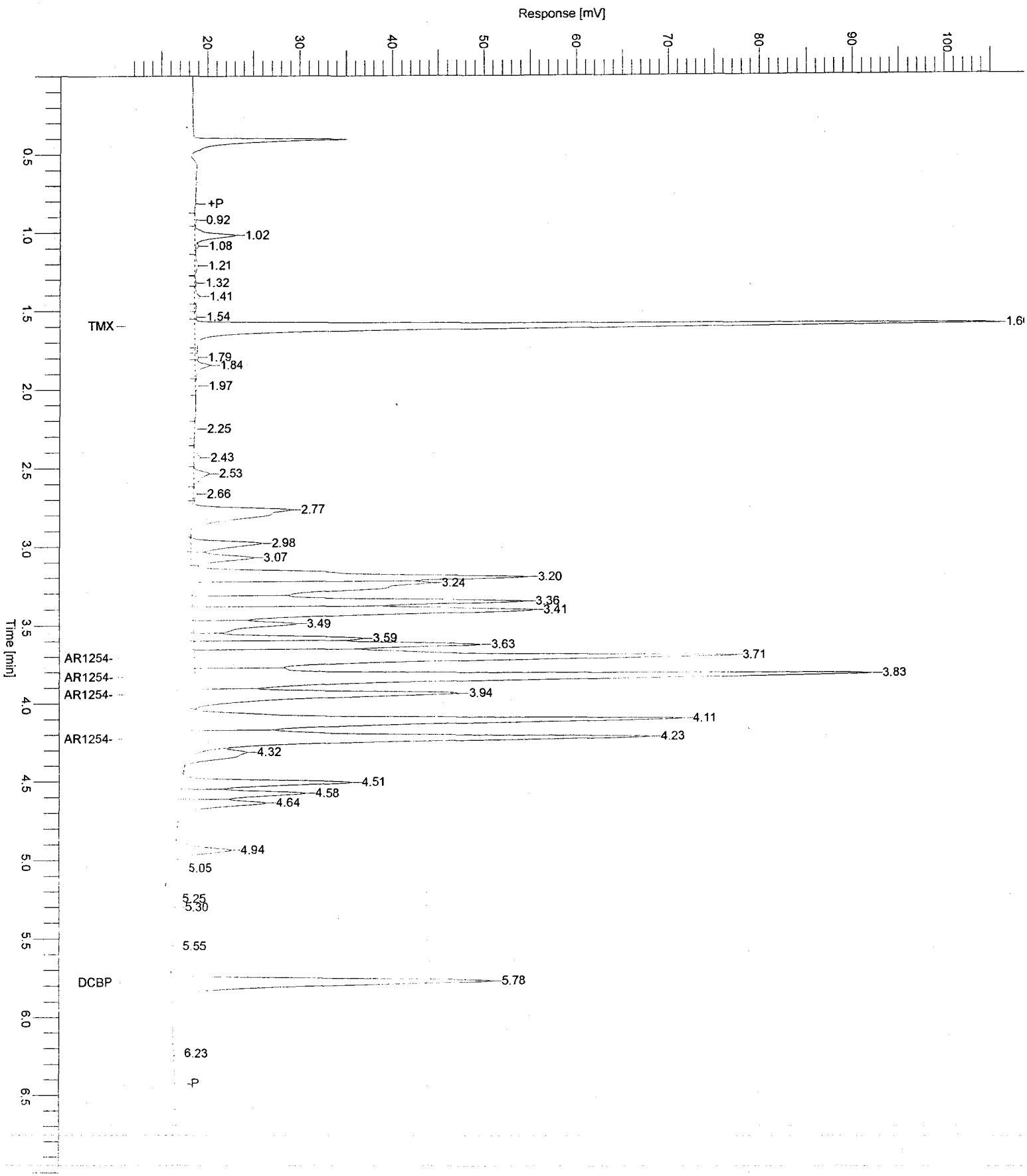
4/21/06

Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Win
3.71	VV	209817	AR1254-A	0.5057	414875	419635	1.1	3.64	-	3.78
3.83	VV	245351	AR1254-B	0.5052	485610	490702	1.0	3.76	-	3.90
3.94	VB	87365	AR1254-C	0.5166	169127	174730	3.3	3.87	-	4.01
4.23	VE	162577	AR1254-D	0.5098	318932	325154	2.0	4.16	-	4.30
		705110		2.0373		1410219				

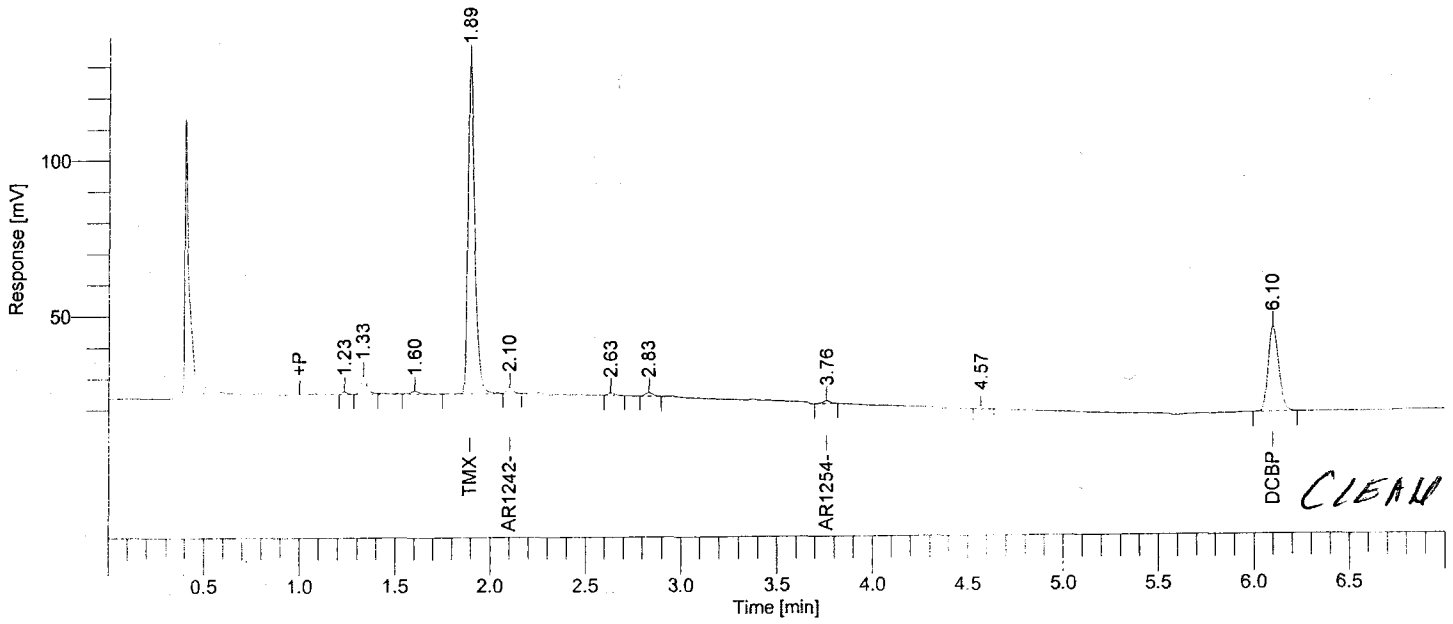
Chromatogram

Sample Name : ICM54VE Sample #: 0.5NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12B46122.raw
Date : 06/20/2006 22:51:21
Method : 12DINS Time of Injection: 06/20/2006 21:04:14
Start Time : 0.00 min End Time : 7.00 min Low Point : 11.16 mV High Point : 105.67 mV
Scale Factor: 1.0 Plot Offset: 11.16 mV Plot Scale: 94.5 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/20/2006 22:51:23
Reprocess Number	: buf2048: 42851		
Operator	: tchrom	Sample Name	: ICM3JAB
Sample Number	: 0.03NG	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/20/2006 21:23:57	Cycle	: 24

Raw Data File : H:\TURBO6\5890-12\12A46123.raw <Modified>
Result File : H:\TURBO6\5890-12\12A46123.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A46123.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A46123.rst
Calib Method : h:\turbo6\5890-12\12a-4-pcb(06-11-06).mth from H:\TURBO6\5890-12\12A46123.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
4	1.89	VV	260850	TMX	0.0220	-------	0
	2.10		4234	AR1242	0.0026	6.4e-04	4
	3.76		2684	AR1254	0.0012	3.1e-04	4
10	6.10	BB	103841	DCBP	0.0241	-------	0
			371608			9.5e-04	

6/21/06 BD

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
5	2.10	VB	4234	AR1242-A	0.0165	0.0041	4
-	2.43		0	AR1242-B	0.0000	-------	-
-	2.56		0	AR1242-C	0.0000	-------	-
-	2.74		0	AR1242-D	0.0000	-------	-
			4234			0.0041	

06/20/2006 22:51:23 Result: H:\TURBO6\5890-12\12A46123.rst

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.98		0	AR1248-A	0.0000	-------	-
-	3.14		0	AR1248-B	0.0000	-------	-
-	3.23		0	AR1248-C	0.0000	-------	-
-	3.57		0	AR1248-D	0.0000	-------	-
			0			0.0000	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
8	3.76	BB	2684	AR1254-A	0.0058	0.0014	4
-	3.88		0	AR1254-B	0.0000	-------	-
-	4.06		0	AR1254-C	0.0000	-------	-
-	4.42		0	AR1254-D	0.0000	-------	-
			2684			0.0014	

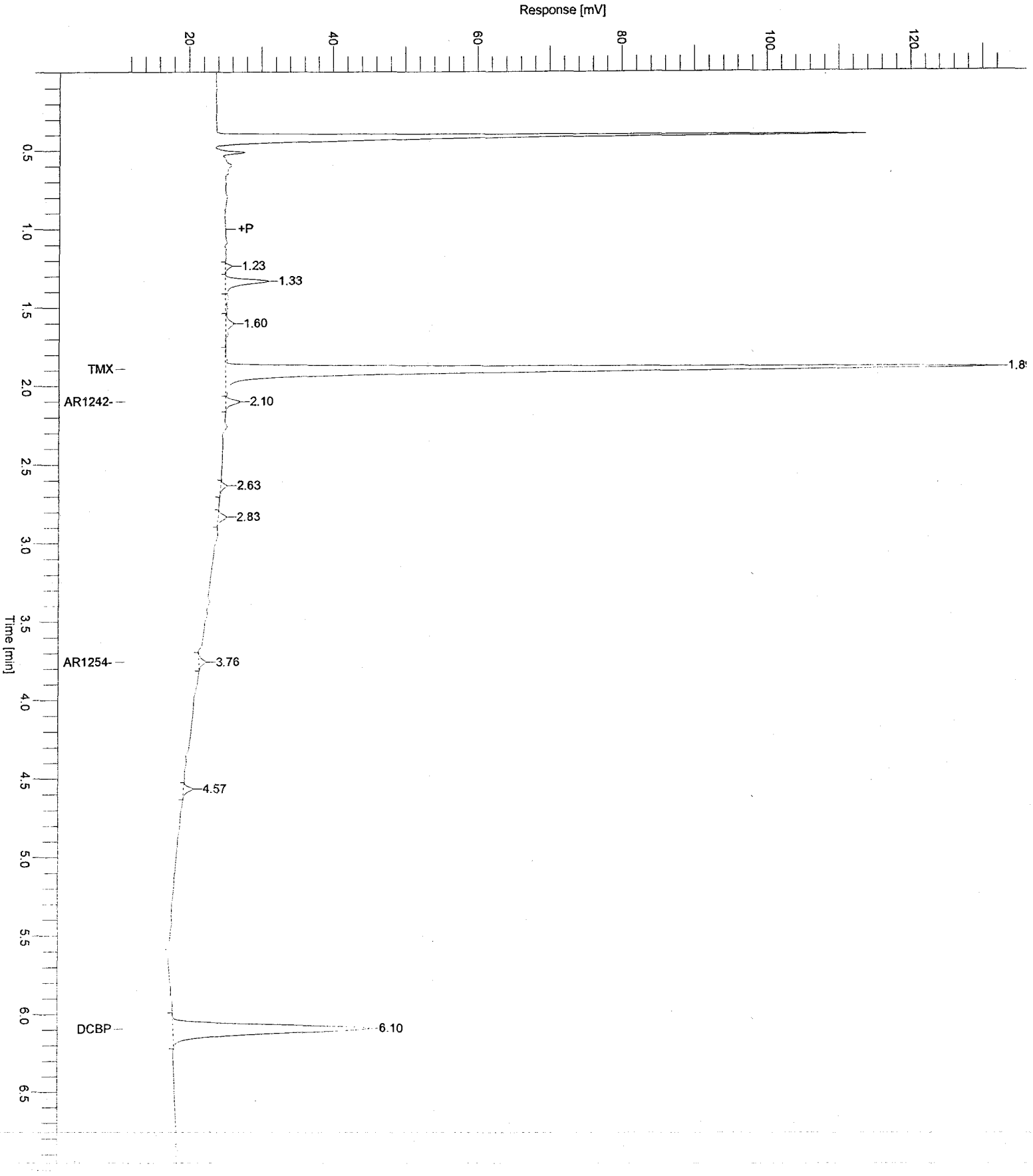
4/21/06 GRD

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.22		0	AR1260-A	0.0000	-------	-
-	4.89		0	AR1260-B	0.0000	-------	-
-	5.11		0	AR1260-C	0.0000	-------	-
-	5.54		0	AR1260-D	0.0000	-------	-
			0			0.0000	

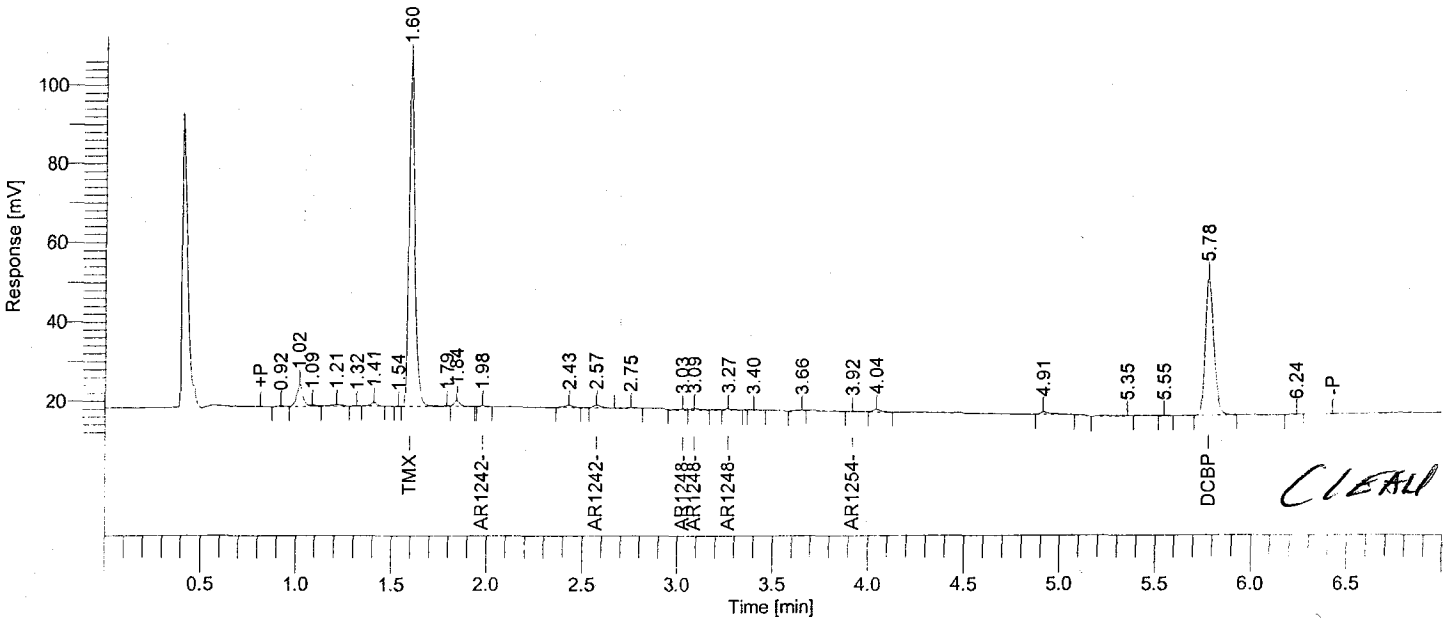
Chromatogram

Sample Name : ICM3JAB Sample #: 0.03NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12A46123.raw
Date : 06/20/2006 22:51:24
Method : 12DINS Time of Injection: 06/20/2006 21:23:57
Start Time : 0.00 min End Time : 7.00 min Low Point : 11.38 mV High Point : 132.16 mV
Scale Factor: 1.0 Plot Offset: 11.38 mV Plot Scale: 120.8 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/20/2006 22:51:25
Reprocess Number	: buf2048: 42852		
Operator	: tchrom	Sample Name	: ICM3JAB
Sample Number	: 0.03NG	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/20/2006 21:23:57	Cycle	: 24

Raw Data File : H:\TURBO6\5890-12\12B46123.raw <Modified>
Result File : H:\TURBO6\5890-12\12B46123.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B46123.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B46123.rst
Calib Method : h:\turbo6\5890-12\12b-4-pcb(06-11-06).mth from H:\TURBO6\5890-12\12B46123.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
8	1.60	VE	187302	TMX	0.0316	--------	0
	2.57		2419	AR1242	0.0031	7.8e-04	4
	3.09		4922	AR1248	0.0046	0.0012	4
25	5.78	BB	108506	DCBP	0.0312	--------	0
			303148			0.0019	

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
11	1.98	BB	566	AR1242-A	0.0052	0.0013	4
-	2.25		0	AR1242-B	0.0000	--------	-
13	2.57	VV	1853	AR1242-C	0.0056	0.0014	4
-	2.64		0	AR1242-D	0.0000	--------	-
			2419			0.0027	

06/20/2006 22:51:25 Result: H:\TURBO6\5890-12\12B46123.rst

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
15	3.03	BV	1492	AR1248-A	0.0060	0.0015	4
16	3.09	VV	1948	AR1248-B	0.0088	0.0022	4
-	3.20		0	AR1248-C	0.0000	-------	-
17	3.27	VV	1482	AR1248-D	0.0053	0.0013	4
			4922			0.0050	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.71		0	AR1254-A	0.0000	-------	-
-	3.83		0	AR1254-B	0.0000	-------	-
20	3.92	BV	559	AR1254-C	0.0033	8.3e-04	4
-	4.23		0	AR1254-D	0.0000	-------	-
			559			8.3e-04	

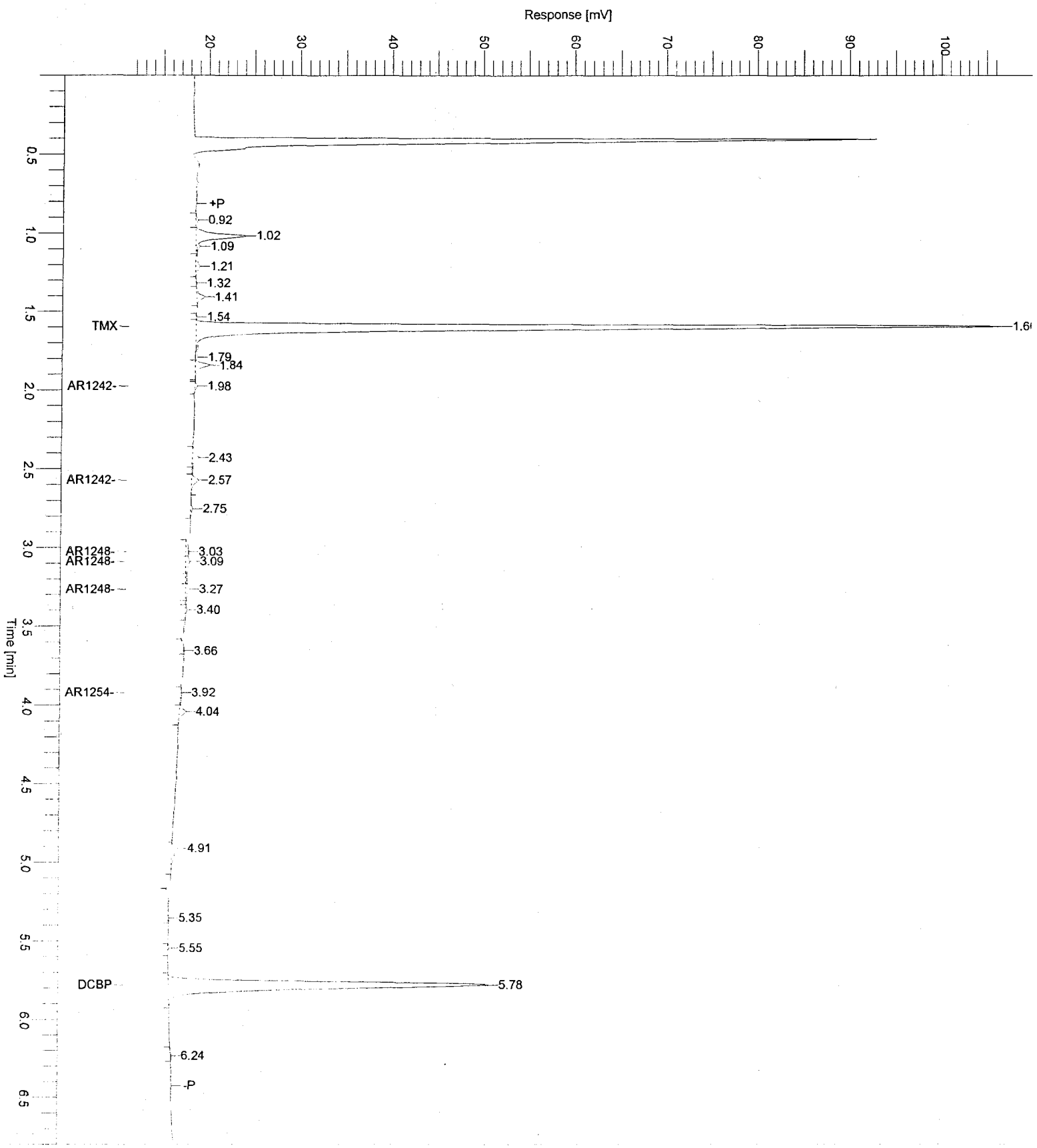
6/21/06

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.51		0	AR1260-A	0.0000	-------	-
-	4.64		0	AR1260-B	0.0000	-------	-
-	5.25		0	AR1260-C	0.0000	-------	-
-	5.30		0	AR1260-D	0.0000	-------	-
			0			0.0000	

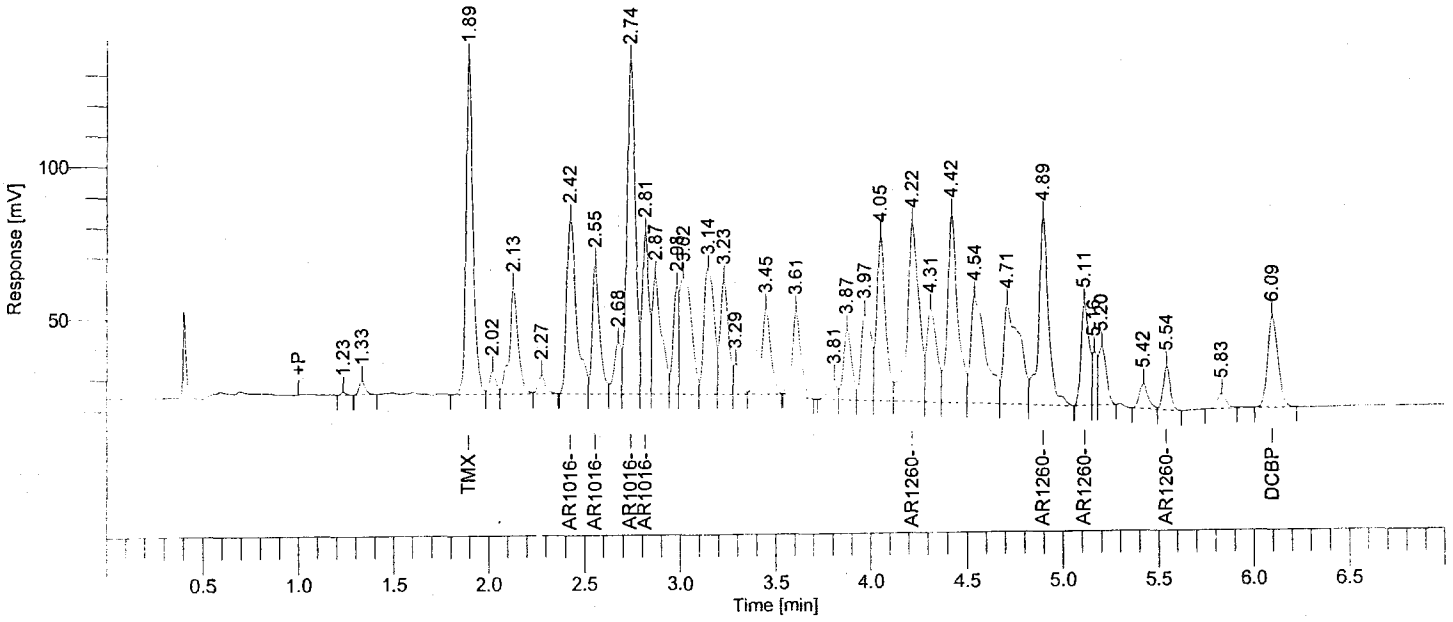
Chromatogram

Sample Name : ICM3JAB Sample #: 0.03NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12B46123.raw
Date : 06/20/2006 22:51:26
Method : 12DINS Time of Injection: 06/20/2006 21:23:57
Start Time : 0.00 min End Time : 7.00 min Low Point : 11.38 mV High Point : 106.83 mV
Scale Factor: 1.0 Plot Offset: 11.38 mV Plot Scale: 95.5 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/21/2006 07:58:16
Reprocess Number	: buf2042: 110400		
Operator	: tchrom	Sample Name	: ICM66NK
Sample Number	: 0.5NG	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/21/2006 01:00:32	Cycle	: 11

Raw Data File : H:\TURBO6\5890-12\12A46134.raw <Modified>
Result File : H:\TURBO6\5890-12\12A46134.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A46134.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A46134.rst
Calib Method : h:\turbo6\5890-12\12a-66(06-11-06).mth from H:\TURBO6\5890-12\12A46134.rst
Report Format File: h:\turbo6\5890-12\l%d.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win
1.89	BV	274051	TMX	0.0232	11807485	548101	-22.6	1.82 - 1.96
2.74		786623	AR1016	0.4150	1895530	1573247	-17.0	2.67 - 2.81
4.89		611080	AR1260	0.4383	1394186	1222160	-12.3	4.82 - 4.96
6.09	VB	112406	DCBP	0.0263	4269354	224813	-12.2	6.02 - 6.16
		1784160		0.9028		3568320		

6/21/06

06/21/2006 07:58:16 Result: H:\TURBO6\5890-12\12A46134.rst

Group Report For : AR1016

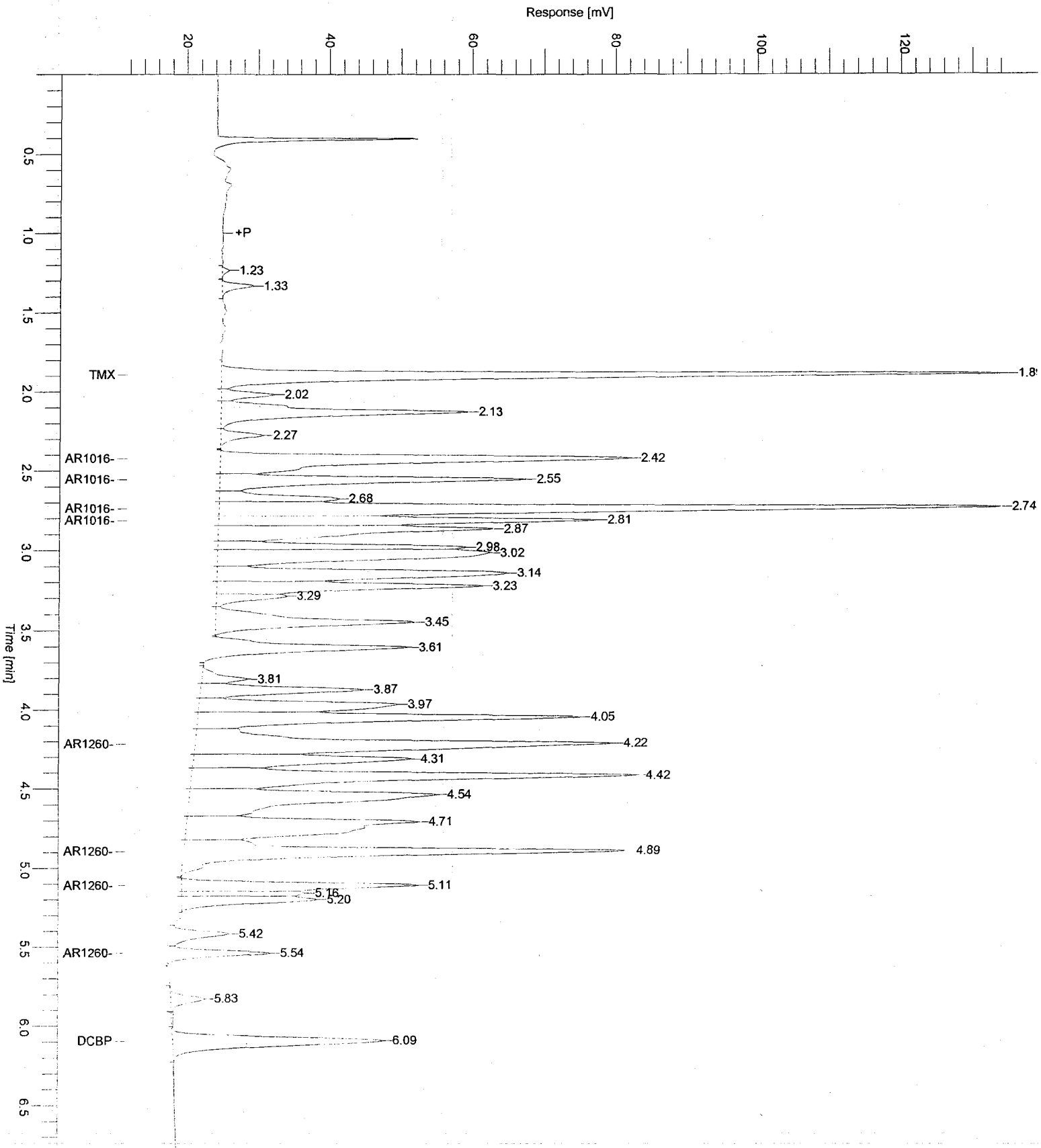
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Win
2.42	BV	204110	AR1016-A	0.4194	486664	408221	-16.1	2.35	-	2.49
2.55	VV	120355	AR1016-B	0.4139	290802	240710	-17.2	2.48	-	2.62
2.74	VV	325550	AR1016-C	0.4089	796176	651100	-18.2	2.67	-	2.81
2.81	VV	136608	AR1016-D	0.4255	321027	273216	-14.9	2.74	-	2.88
		786623		1.6677		1573247				

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Win
4.22	VV	253095	AR1260-A	0.4436	570551	506190	-11.3	4.15	-	4.29
4.89	VB	224049	AR1260-B	0.4372	512508	448098	-12.6	4.82	-	4.96
5.11	BV	96241	AR1260-C	0.4341	221689	192481	-13.2	5.04	-	5.18
5.54	VB	37695	AR1260-D	0.4222	89288	75391	-15.6	5.47	-	5.61
		611080		1.7371		1222160				

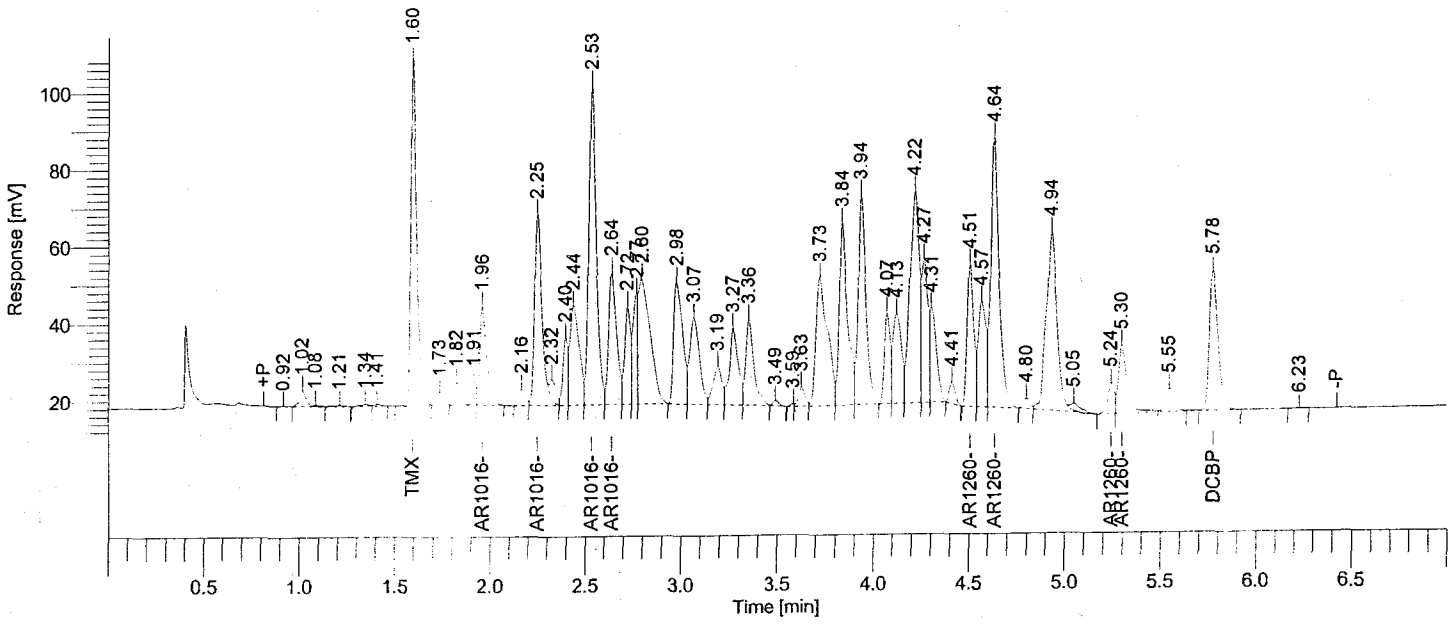
Chromatogram

Sample Name : ICM66NK Sample #: 0.5NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12A46134.raw
Date : 06/21/2006 07:58:18
Method : 12DINS Time of Injection: 06/21/2006 01:00:32
Start Time : 0.00 min End Time : 7.00 min Low Point : 11.75 mV High Point : 135.14 mV
Scale Factor: 1.0 Plot Offset: 11.75 mV Plot Scale: 123.4 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/21/2006 07:58:22
Reprocess Number	: buf2042: 110401		
Operator	: tchrom	Sample Name	: ICM66NK
Sample Number	: 0.5NG	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/21/2006 01:00:32	Cycle	: 11

Raw Data File : H:\TURBO6\5890-12\12B46134.raw <Modified>
Result File : H:\TURBO6\5890-12\12B46134.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B46134.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B46134.rst
Calib Method : h:\turbo6\5890-12\12b-66(06-11-06).mth from H:\TURBO6\5890-12\12B46134.rst
Report Format File: h:\turbo6\5890-12\l%d.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win
1.60	BV	192082	TMX	0.0325	5907750	384164	8.4	1.53 - 1.67
2.53		526547	AR1016	0.5495	958251	1053093	9.9	2.46 - 2.60
4.64		373785	AR1260	0.5427	688793	747571	8.5	4.57 - 4.71
5.78	VB	112734	DCBP	0.0327	3451827	225468	8.9	5.71 - 5.85
		1205148		1.1573		2410296		

4/24/06

06/21/2006 07:58:22 Result: H:\TURBO6\5890-12\12B46134.rst

Group Report For : AR1016

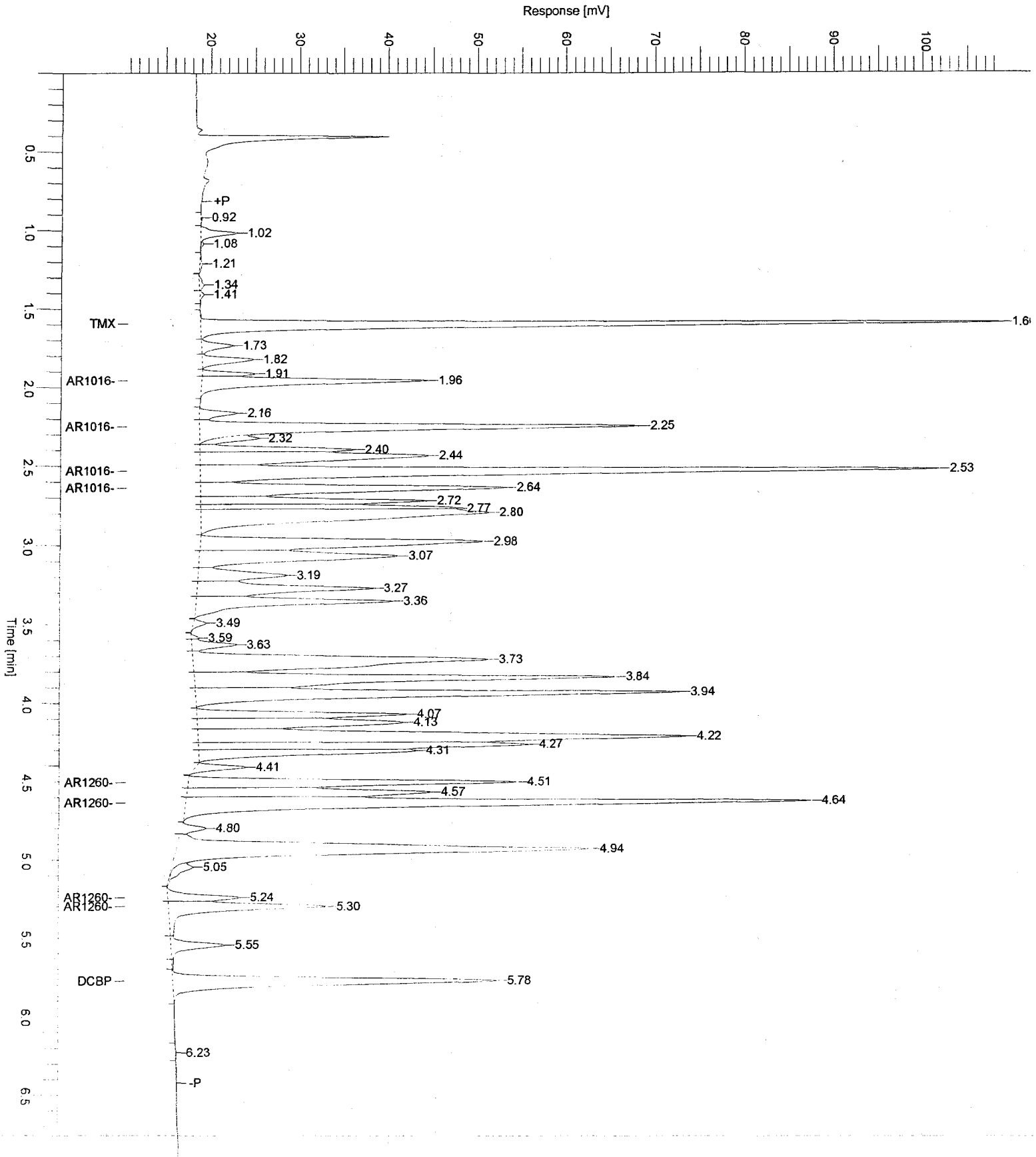
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win
1.96	VB	64980	AR1016-A	0.5469	118826	129960	9.4	1.89 - 2.03
2.25	VE	134747	AR1016-B	0.5545	243007	269494	10.9	2.18 - 2.32
2.53	VV	227733	AR1016-C	0.5446	418165	455466	8.9	2.46 - 2.60
2.64	VV	99086	AR1016-D	0.5560	178215	198172	11.2	2.57 - 2.71
		526547		2.2019		1053093		

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win
4.51	BV	90341	AR1260-A	0.5464	165342	180682	9.3	4.44 - 4.58
4.64	VB	208936	AR1260-B	0.5406	386489	417873	8.1	4.57 - 4.71
5.24	BV	19432	AR1260-C	0.5248	37027	38863	5.0	5.17 - 5.31
5.30	VV	55076	AR1260-D	0.5513	99902	110152	10.3	5.23 - 5.37
		373785		2.1631		747571		

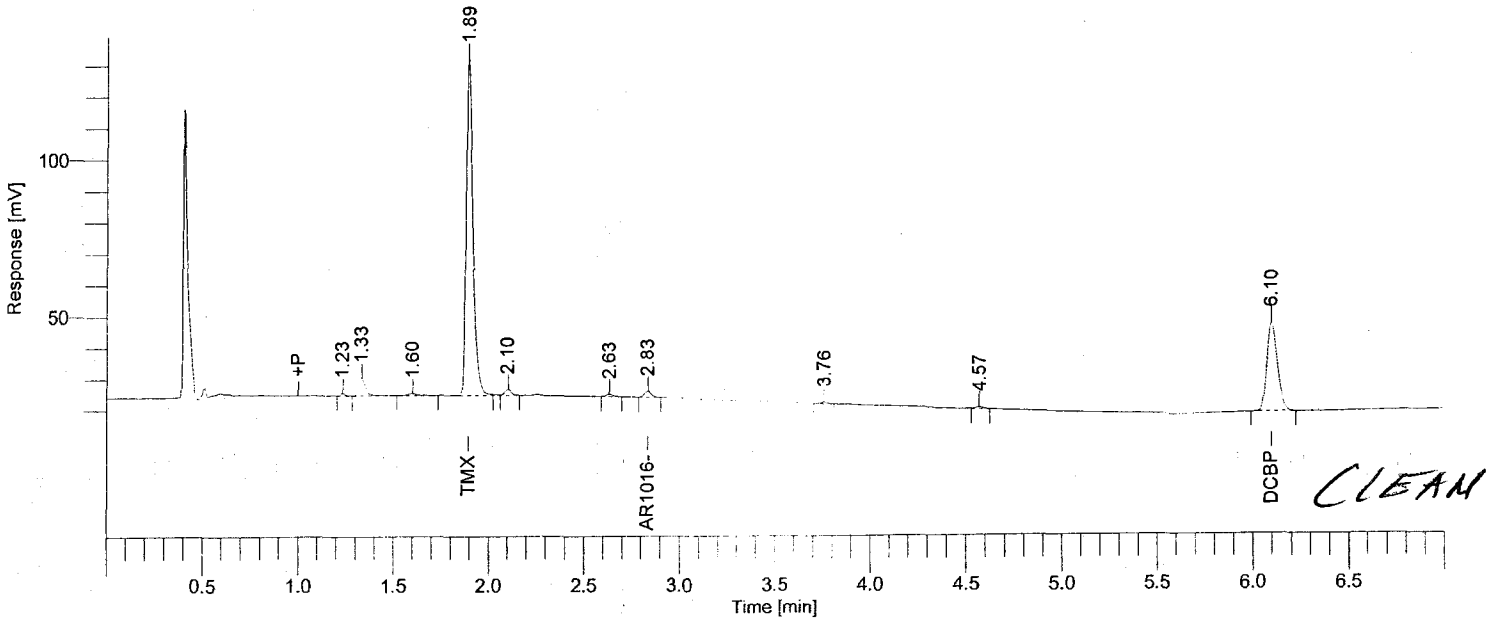
Chromatogram

Sample Name : ICM66NK Sample #: 0.5NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12B46134.raw
Date : 06/21/2006 07:58:23
Method : 12DINS Time of Injection: 06/21/2006 01:00:32
Start Time : 0.00 min End Time : 7.00 min Low Point : 10.82 mV High Point : 108.96 mV
Scale Factor: 1.0 Plot Offset: 10.82 mV Plot Scale: 98.1 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/21/2006 07:58:27
Reprocess Number	: buf2042: 110402		
Operator	: tchrom	Sample Name	: ICM3JAB
Sample Number	: 0.03NG	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/21/2006 01:20:16	Cycle	: 12

Raw Data File : H:\TURBO6\5890-12\12A46135.raw <Modified>
Result File : H:\TURBO6\5890-12\12A46135.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A46135.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A46135.rst
Calib Method : h:\turbo6\5890-12\12a-66(06-11-06).mth from H:\TURBO6\5890-12\12A46135.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
4	1.89	VV	262266	TMX	0.0221	-------	0
	2.83		5160	~~AR1016~~	-0.0579	-0.0145	4
10	6.10	BB	108547	DCBP	0.0253	-------	0
			375973			-0.0145	

6/21/06 GAB

06/21/2006 07:58:27 Result: H:\TURBO6\5890-12\12A46135.rst

Group Report For : AR1016

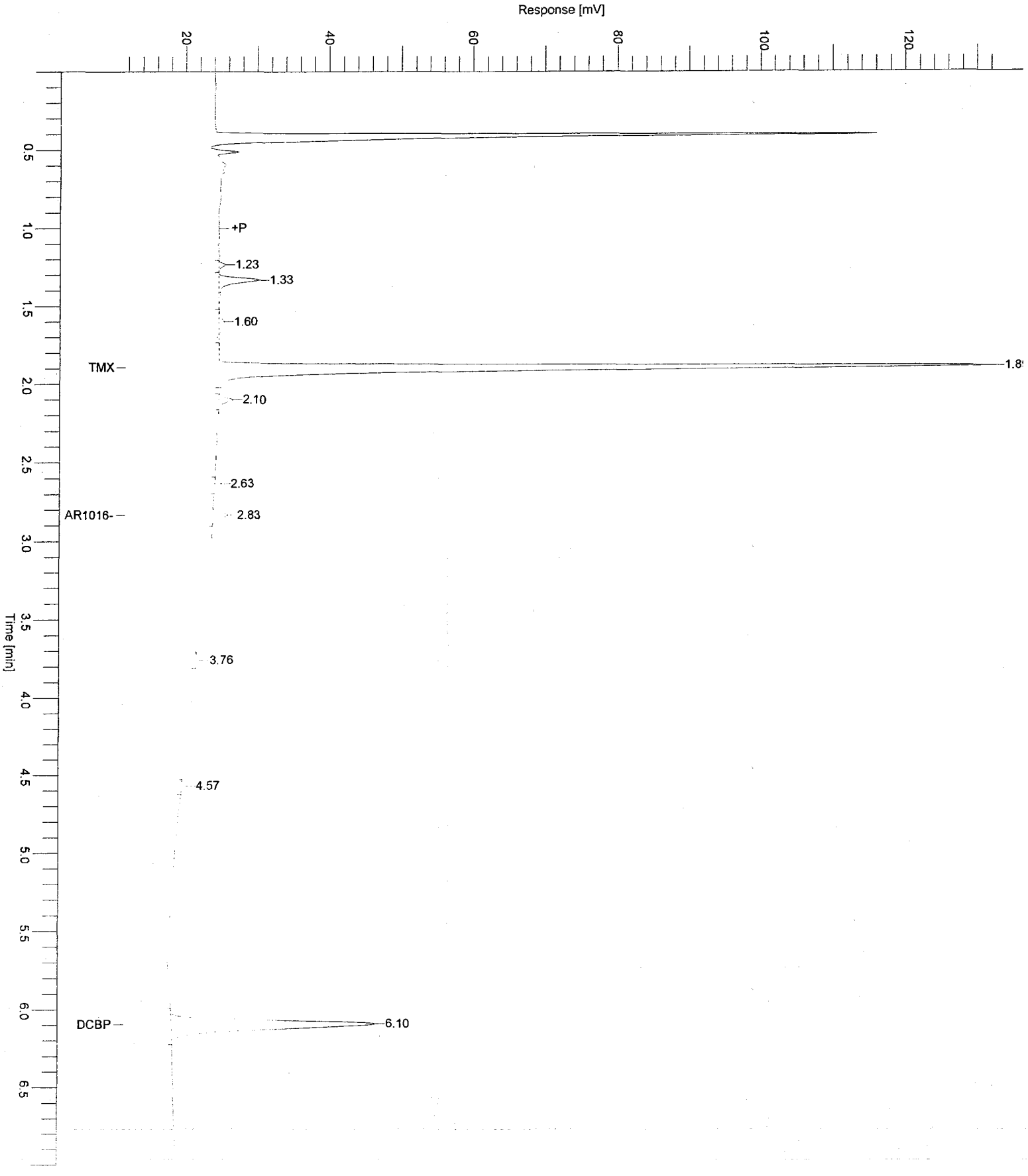
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.42		0	AR1016-A	0.0000	-------	-
-	2.56		0	AR1016-B	0.0000	-------	-
-	2.74		0	AR1016-C	0.0000	-------	-
7	2.83	BB	5160	AR1016-D	-0.0508	-0.0127	4
			5160			-0.0127	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.22		0	AR1260-A	0.0000	-------	-
-	4.89		0	AR1260-B	0.0000	-------	-
-	5.11		0	AR1260-C	0.0000	-------	-
-	5.54		0	AR1260-D	0.0000	-------	-
			0			0.0000	

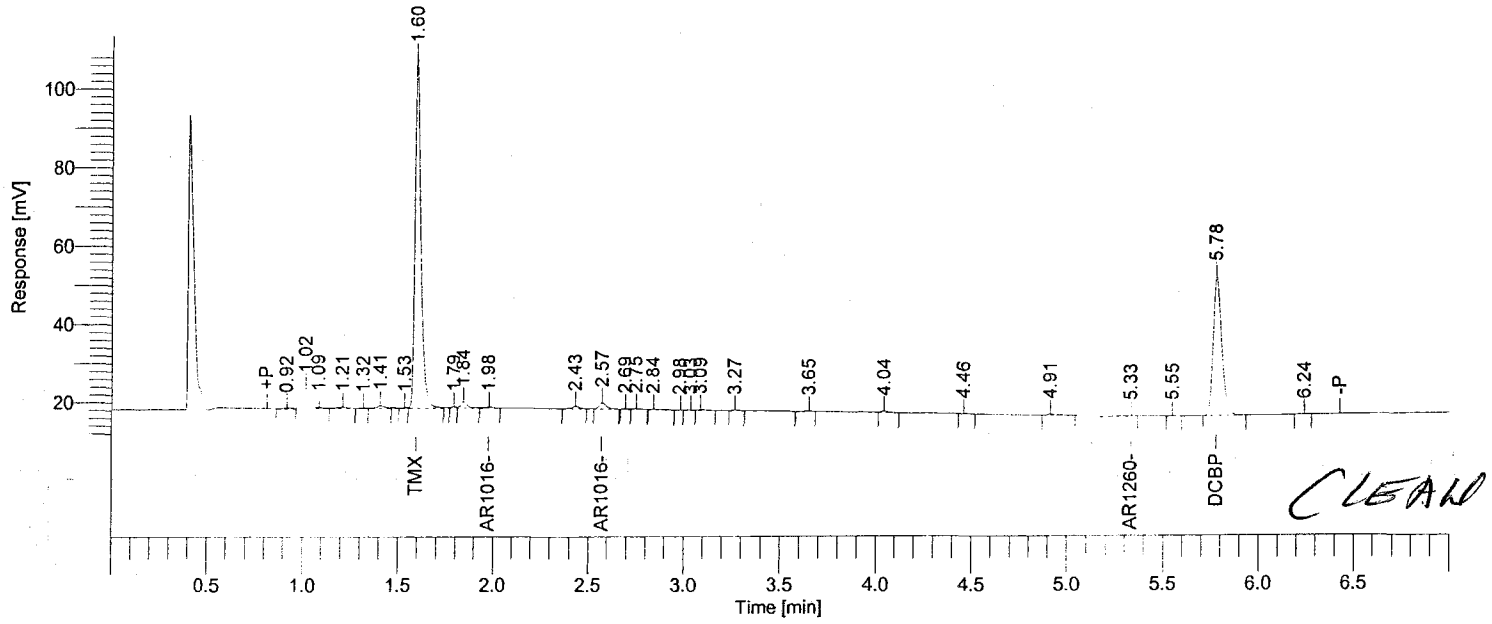
Chromatogram

Sample Name : ICM3JAB Sample #: 0.03NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12A46135.raw
Date : 06/21/2006 07:58:28
Method : 12DINS Time of Injection: 06/21/2006 01:20:16
Start Time : 0.00 min End Time : 7.00 min Low Point : 11.72 mV High Point : 132.47 mV
Scale Factor: 1.0 Plot Offset: 11.72 mV Plot Scale: 120.7 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/21/2006 07:58:31
Reprocess Number	: buf2042: 110403		
Operator	: tchrom	Sample Name	: ICM3JAB
Sample Number	: 0.03NG	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/21/2006 01:20:16	Cycle	: 12

Raw Data File : H:\TURBO6\5890-12\12B46135.raw <Modified>
Result File : H:\TURBO6\5890-12\12B46135.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B46135.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B46135.rst
Calib Method : h:\turbo6\5890-12\12b-66(06-11-06).mth from H:\TURBO6\5890-12\12B46135.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
8	1.60	VV	192616	TMX	0.0326	-------	0
	2.57		5302	~~AR1016~~	-0.0158	-4e-03	4
27	5.78	BB	110714	DCBP	0.0319	-------	0
			308632			-4e-03	

6/21/06

06/21/2006 07:58:31 Result: H:\TURBO6\5890-12\12B46135.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
11	1.98	VB	1023	AR1016-A	-0.0141	-4e-03	4
-	2.25		0	AR1016-B	0.0000	-------	-
13	2.57	VB	4279	AR1016-C	-0.0100	-3e-03	4
-	2.64		0	AR1016-D	0.0000	-------	-
			5302			-6e-03	

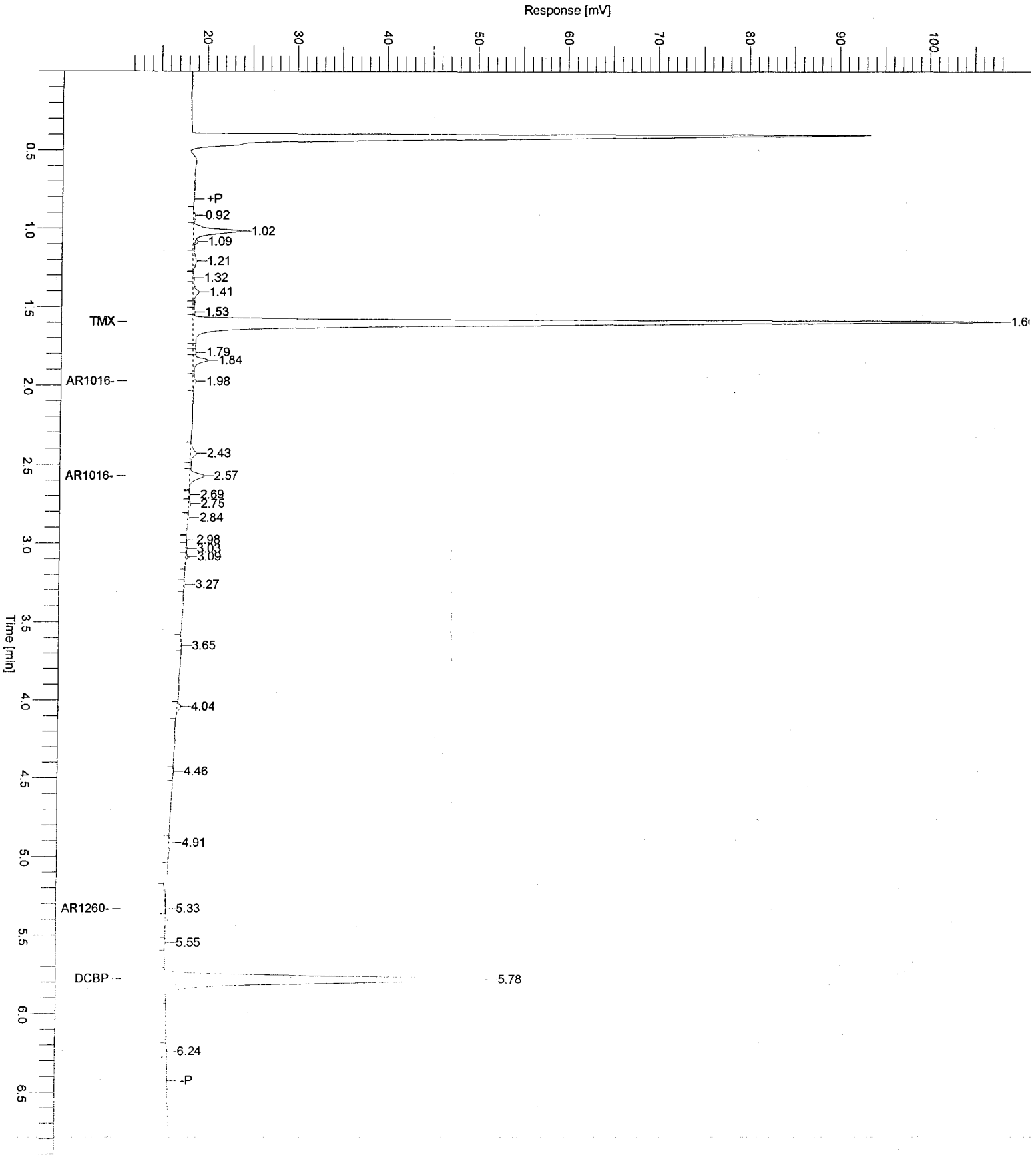
4/21/06 BAD

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.51		0	AR1260-A	0.0000	-------	-
-	4.64		0	AR1260-B	0.0000	-------	-
-	5.25		0	AR1260-C	0.0000	-------	-
25	5.33	BB	723	AR1260-D	-0.0321	-8e-03	4
			723			-8e-03	

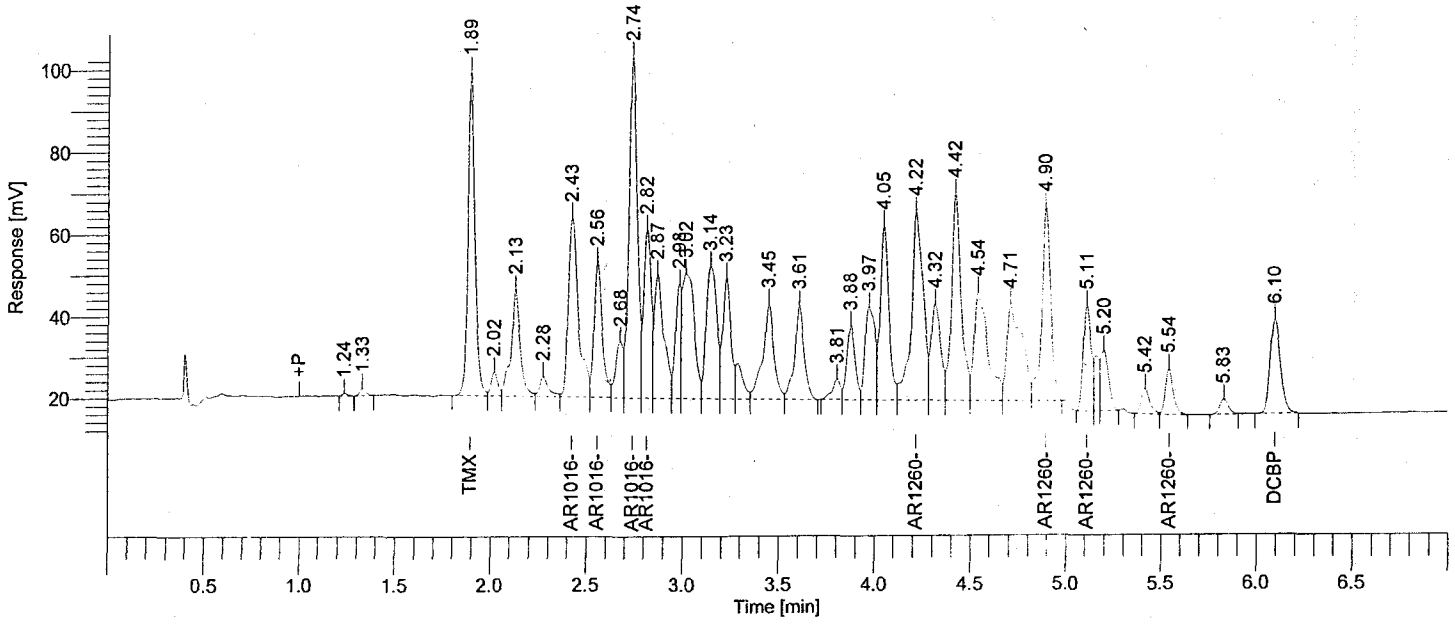
Chromatogram

Sample Name : ICM3JAB Sample #: 0.03NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12B46135.raw
Date : 06/21/2006 07:58:32
Method : 12DINS Time of Injection: 06/21/2006 01:20:16
Start Time : 0.00 min End Time : 7.00 min Low Point : 11.44 mV High Point : 108.02 mV
Scale Factor: 1.0 Plot Offset: 11.44 mV Plot Scale: 96.6 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/28/2006 10:39:53
Reprocess Number	: buf2042: 111370		
Operator	: tchrom	Sample Name	: ICM66NL
Sample Number	: 0.5NG	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/28/2006 09:49:22	Cycle	: 4

Raw Data File : H:\TURBO6\5890-12\12A47022.raw <Modified>
Result File : H:\TURBO6\5890-12\12A47022.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A47022.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A47022.rst
Calib Method : h:\turbo6\5890-12\12a-66(06-11-06).mth from H:\TURBO6\5890-12\12A47022.rst
Report Format File: h:\turbo6\5890-12\l%d.rpt
Sequence File : H:\TURBO6\5890-12\12D47.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win
1.89	BV	200776	TMX	0.0165	12202597	401552	-45.2	1.82 - 1.96
2.74		614631	AR1016	0.3109	1976940	1229262	-37.8	2.67 - 2.81
4.90		454348	AR1260	0.3164	1436211	908696	-36.7	4.83 - 4.97
6.10	VB	87838	DCBP	0.0199	4406340	175676	-33.6	6.03 - 6.17
		1357593		0.6636		2715187		

6/28/06

06/28/2006 10:39:53 Result: H:\TURBO6\5890-12\12A47022.rst

Group Report For : AR1016

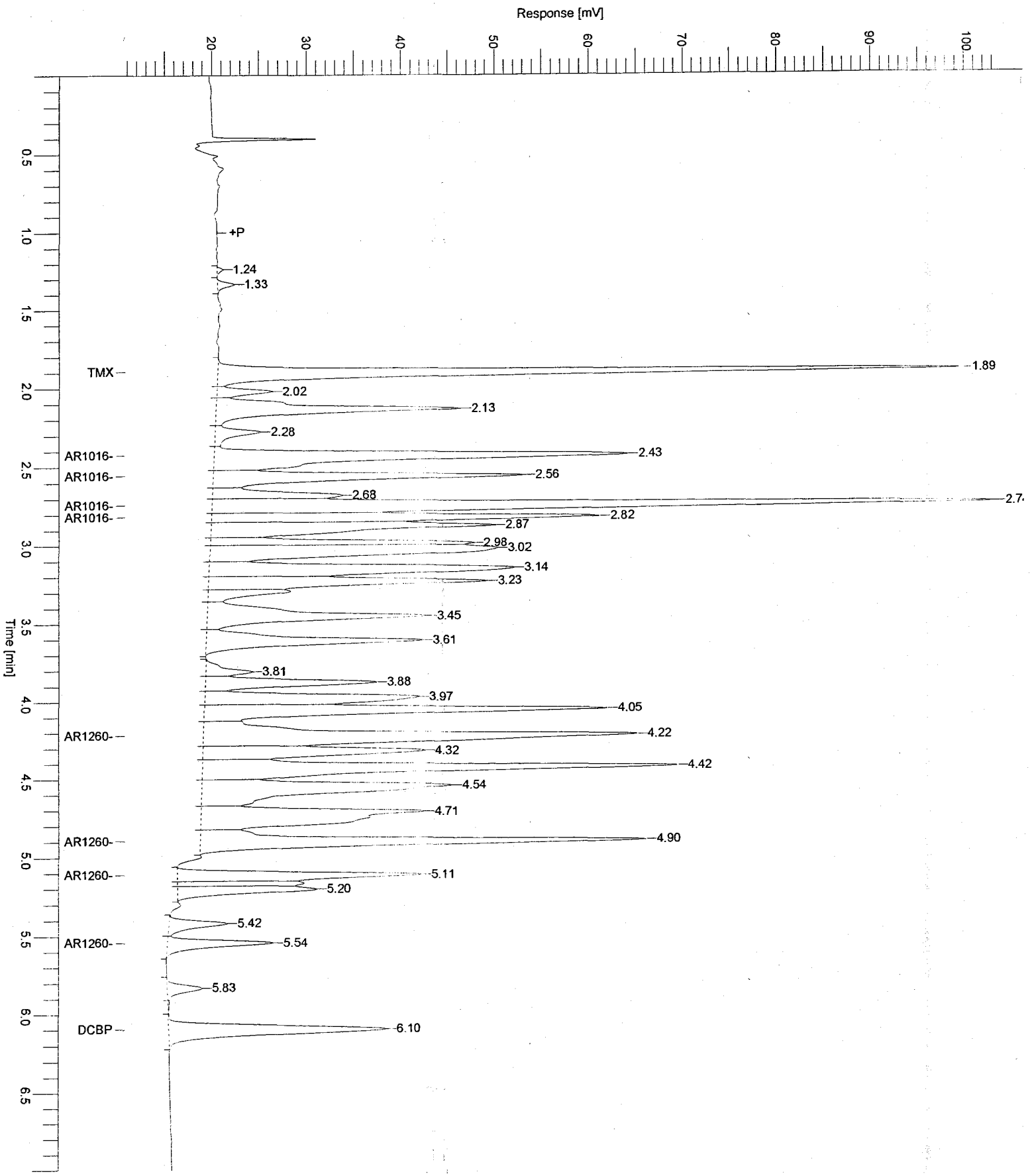
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win
2.43	VV	160904	AR1016-A	0.3126	514674	321808	-37.5	2.36 - 2.50
2.56	VV	96294	AR1016-B	0.3162	304579	192588	-36.8	2.49 - 2.63
2.74	VV	250005	AR1016-C	0.3048	820316	500010	-39.0	2.67 - 2.81
2.82	VV	107428	AR1016-D	0.3198	335927	214855	-36.0	2.75 - 2.89
		614631		1.2533		1229262		

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win
4.22	VV	193622	AR1260-A	0.3279	590465	387244	-34.4	4.15 - 4.29
4.90	VB	152853	AR1260-B	0.2914	524491	305706	-41.7	4.83 - 4.97
5.11	BV	75504	AR1260-C	0.3307	228318	151008	-33.9	5.04 - 5.18
5.54	VB	32369	AR1260-D	0.3572	90608	64739	-28.6	5.47 - 5.61
		454348		1.3073		908696		

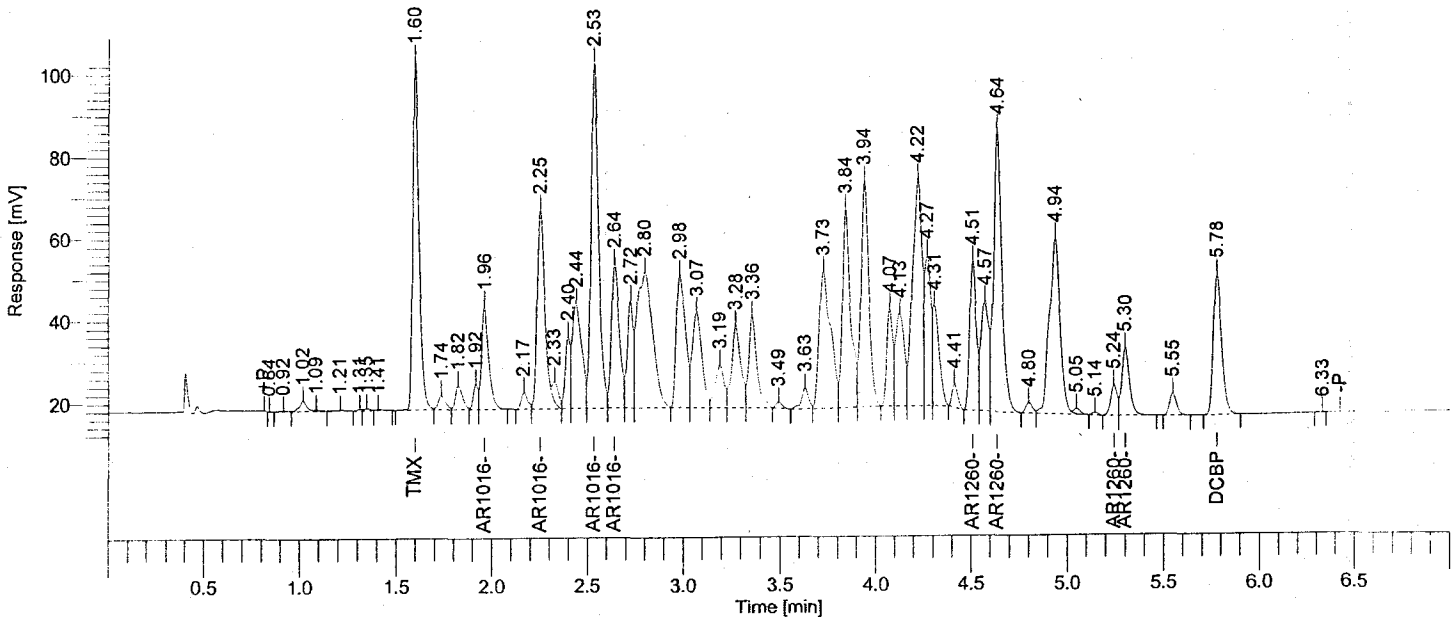
Chromatogram

Sample Name : ICM66NL Sample #: 0.5NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12A47022.raw
Date : 06/28/2006 10:39:55
Method : 12DINS Time of Injection: 06/28/2006 09:49:22
Start Time : 0.00 min End Time : 7.00 min Low Point : 10.85 mV High Point : 103.39 mV
Scale Factor: 1.0 Plot Offset: 10.85 mV Plot Scale: 92.5 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/28/2006 10:39:56
Reprocess Number	: buf2042: 111371		
Operator	: tchrom	Sample Name	: ICM66NL
Sample Number	: 0.5NG	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/28/2006 09:49:22	Cycle	: 4

Raw Data File : H:\TURBO6\5890-12\12B47022.raw <Modified>
Result File : H:\TURBO6\5890-12\12B47022.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B47022.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B47022.rst
Calib Method : h:\turbo6\5890-12\12b-66(06-11-06).mth from H:\TURBO6\5890-12\12B47022.rst
Report Format File: h:\turbo6\5890-12\l%d.rpt
Sequence File : H:\TURBO6\5890-12\12D47.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win
1.60	VV	187784	TMX	0.0317	5929598	375567	5.6	1.53 - 1.67
2.53		531286	AR1016	0.5548	957549	1062572	11.0	2.46 - 2.60
4.64		352773	AR1260	0.5095	692346	705546	1.9	4.57 - 4.71
5.78	BB	105574	DCBP	0.0302	3500676	211148	0.5	5.71 - 5.85
		1177417		1.1262		2354834		

6/28/06
BD

06/28/2006 10:39:56 Result: H:\TURBO6\5890-12\12B47022.rst

Group Report For : AR1016

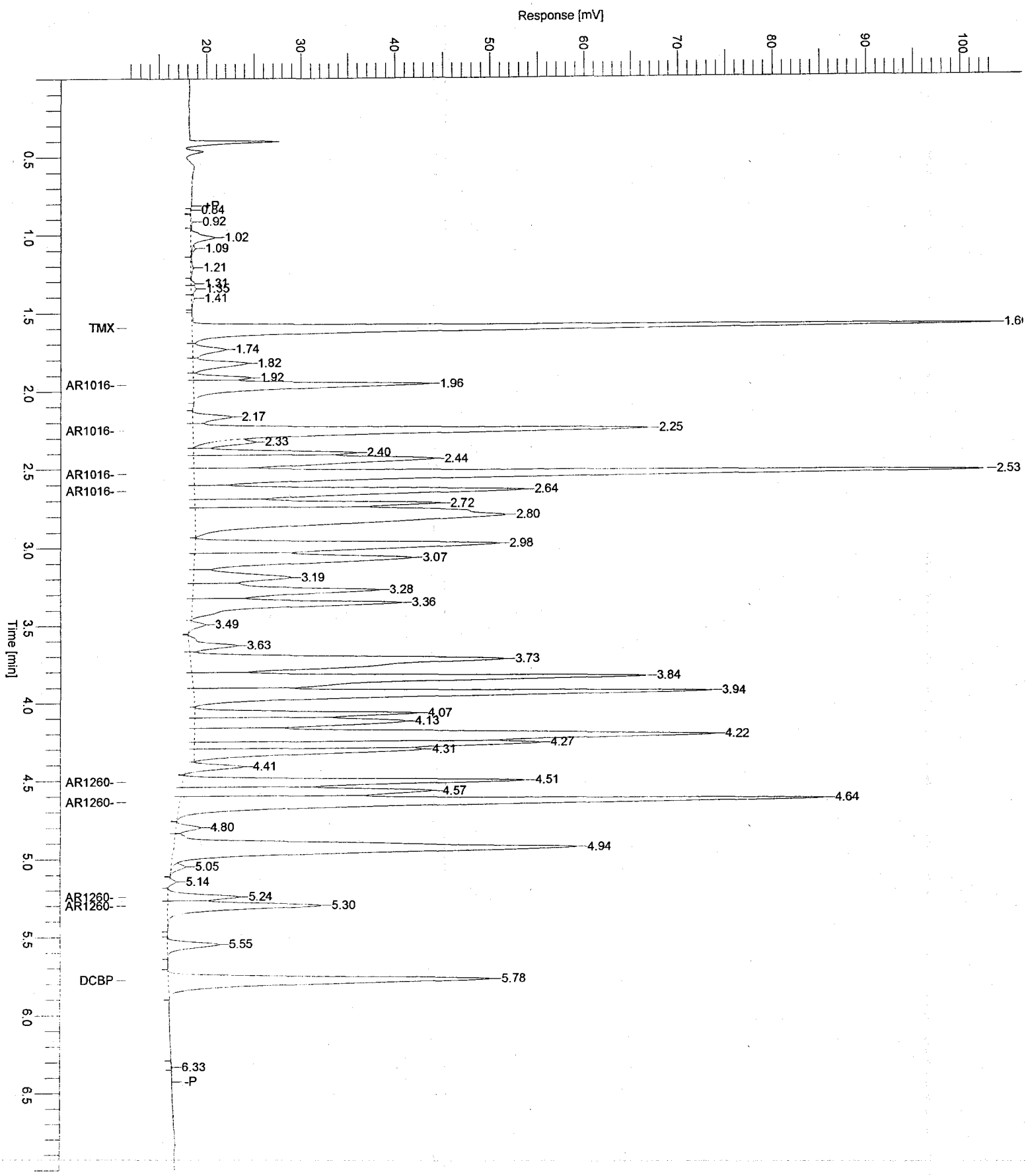
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win
1.96	VB	65796	AR1016-A	0.5543	118695	131591	10.9	1.89 - 2.03
2.25	VE	133959	AR1016-B	0.5509	243155	267919	10.2	2.18 - 2.32
2.53	VV	230824	AR1016-C	0.5525	417750	461648	10.5	2.46 - 2.60
2.64	VV	100707	AR1016-D	0.5657	178019	201414	13.1	2.57 - 2.71
		531286		2.2235		1062572		

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win
4.51	BV	88349	AR1260-A	0.5333	165670	176698	6.7	4.44 - 4.58
4.64	VB	201316	AR1260-B	0.5195	387538	402633	3.9	4.57 - 4.71
5.24	BV	17369	AR1260-C	0.4620	37598	34738	-7.6	5.17 - 5.31
5.30	VB	45739	AR1260-D	0.4463	102493	91477	-10.7	5.23 - 5.37
		352773		1.9610		705546		

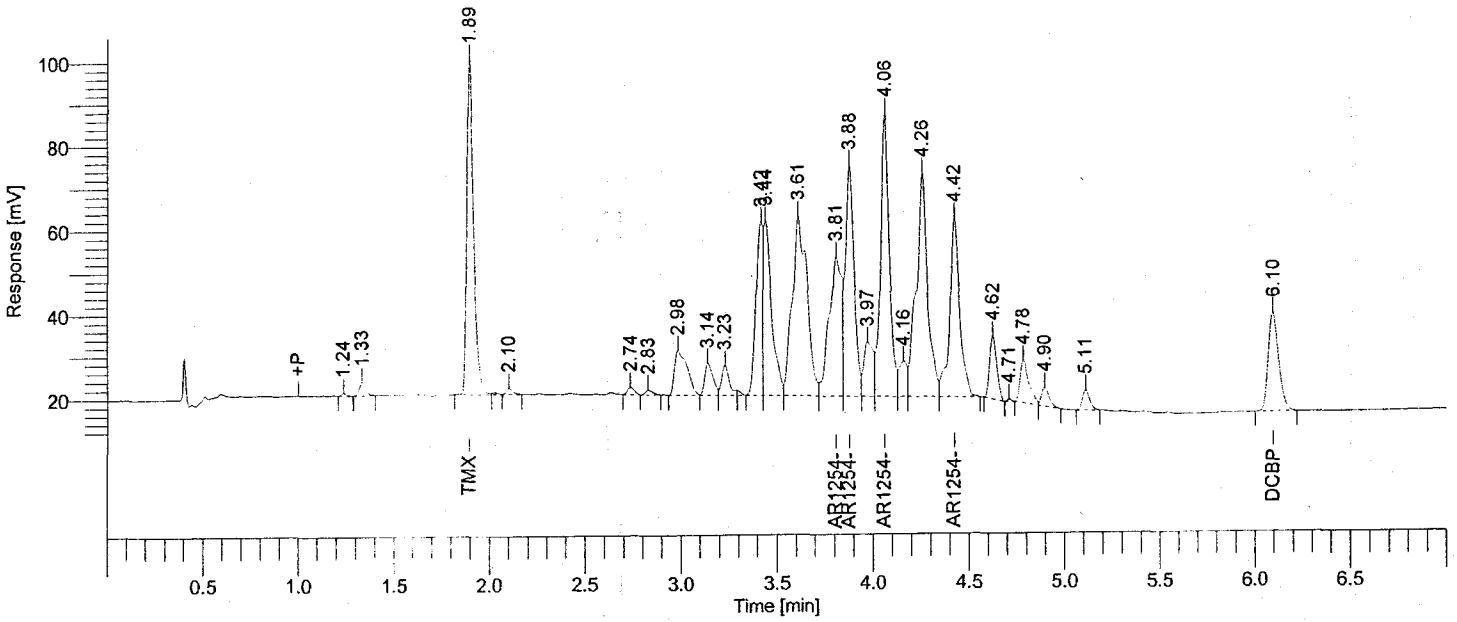
Chromatogram

Sample Name : ICM66NL Sample #: 0.5NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12B47022.raw
Date : 06/28/2006 10:39:57
Method : 12DINS Time of Injection: 06/28/2006 09:49:22
Start Time : 0.00 min End Time : 7.00 min Low Point : 11.54 mV High Point : 103.59 mV
Scale Factor: 1.0 Plot Offset: 11.54 mV Plot Scale: 92.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/28/2006 10:39:59
Reprocess Number	: buf2042: 111372		
Operator	: tchrom	Sample Name	: ICM54VF
Sample Number	: 0.5NG	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/28/2006 10:09:04	Cycle	: 5

Raw Data File : H:\TURBO6\5890-12\12A47023.raw <Modified>
Result File : H:\TURBO6\5890-12\12A47023.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A47023.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A47023.rst
Calib Method : h:\turbo6\5890-12\12a-54(06-11-06).mth from H:\TURBO6\5890-12\12A47023.rst
Report Format File: h:\turbo6\5890-12\l%d.rpt
Sequence File : H:\TURBO6\5890-12\12D47.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Win
1.89	BV	195726	TMX	0.0160	12242128	391452	-46.7	1.82	-	1.96
4.06		692208	AR1254	0.3169	2184564	1384416	-36.6	3.99	-	4.13
6.10	BB	88452	DCBP	0.0201	4401853	176904	-33.0	6.03	-	6.17
		976386		0.3529		1952773				

6/28/06

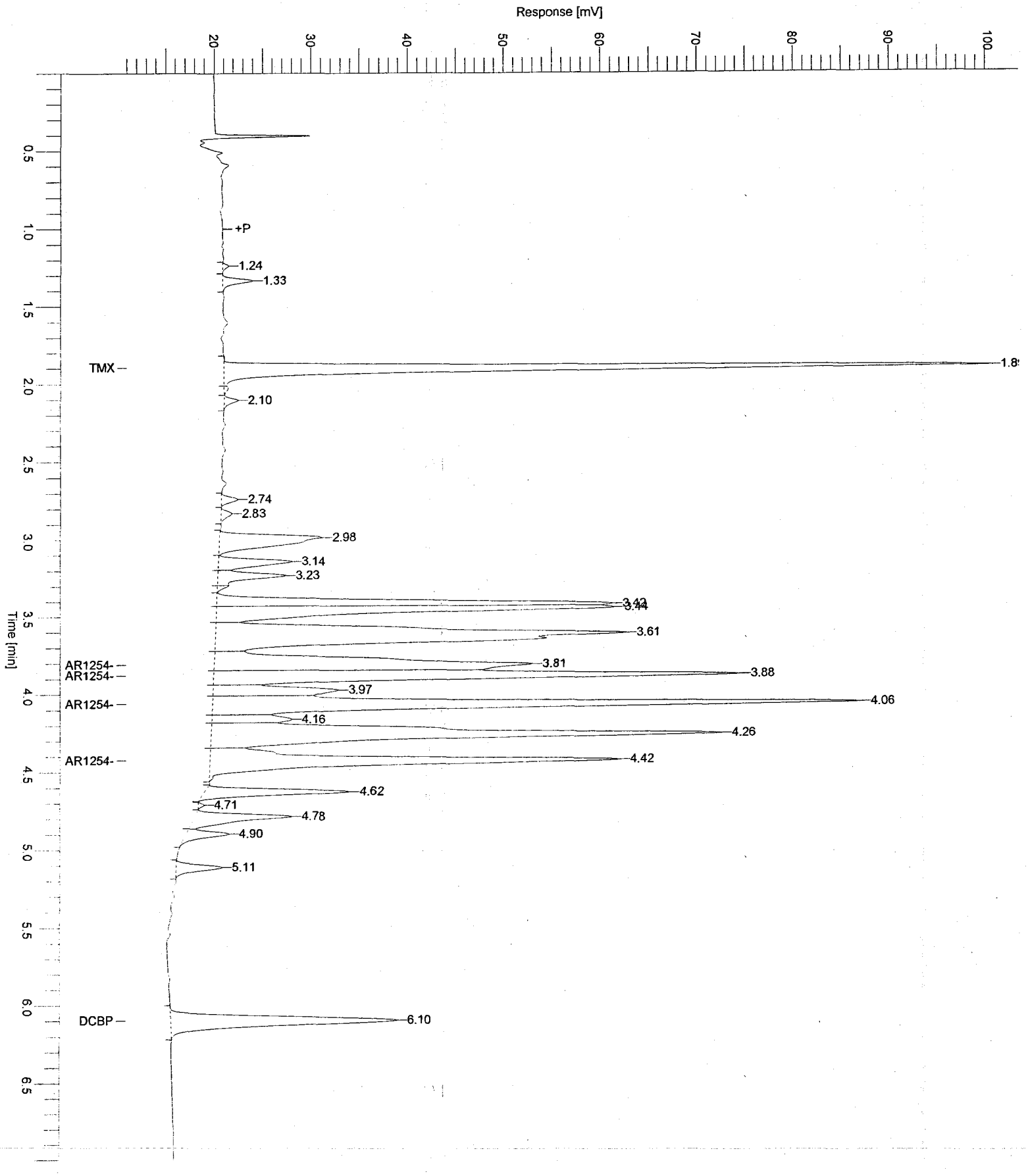
06/28/2006 10:39:59 Result: H:\TURBO6\5890-12\12A47023.rst

Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win
3.81	VV	146540	AR1254-A	0.3147	465612	293080	-37.1	3.74 - 3.88
3.88	VV	171968	AR1254-B	0.3092	556174	343936	-38.2	3.81 - 3.95
4.06	VV	217341	AR1254-C	0.3155	688790	434681	-36.9	3.99 - 4.13
4.42	VB	156359	AR1254-D	0.3299	473987	312719	-34.0	4.35 - 4.49
		692208		1.2693		1384416		

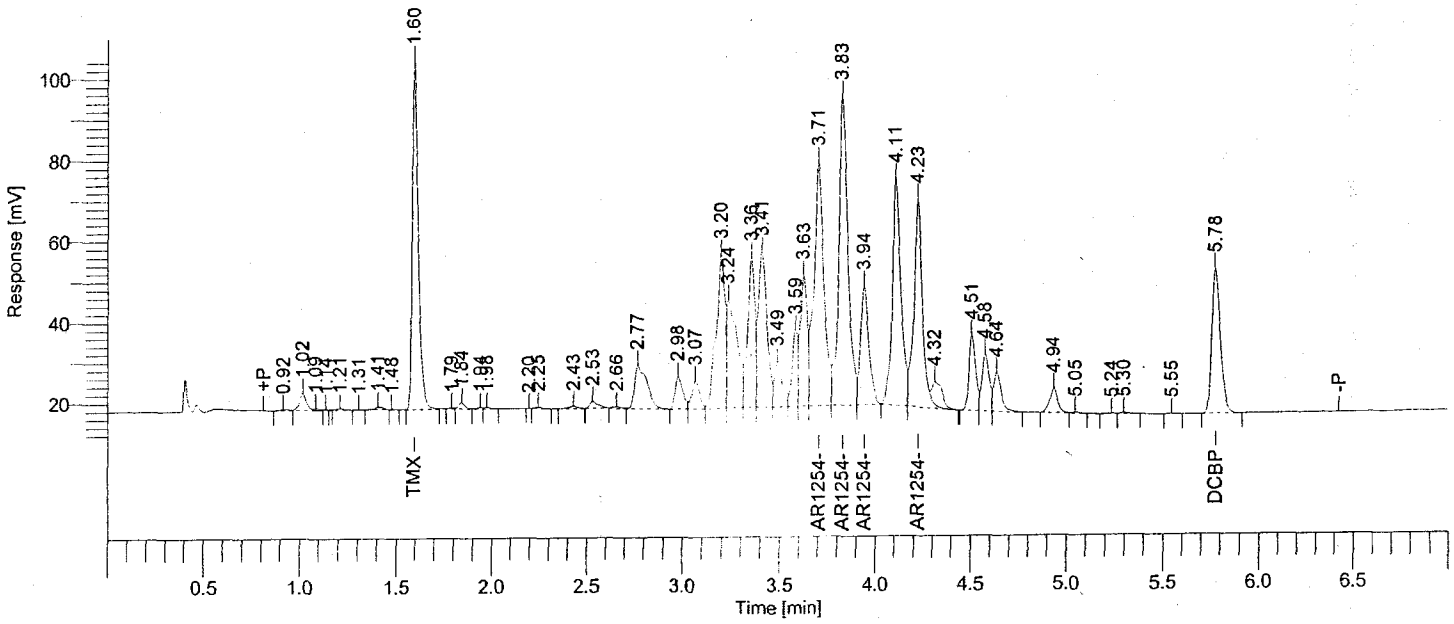
Chromatogram

Sample Name : ICM54VF Sample #: 0.5NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12A47023.raw
Date : 06/28/2006 10:40:00
Method : 12DINS Time of Injection: 06/28/2006 10:09:04
Start Time : 0.00 min End Time : 7.00 min Low Point : 10.99 mV High Point : 100.63 mV
Scale Factor: 1.0 Plot Offset: 10.99 mV Plot Scale: 89.6 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/28/2006 10:40:01
Reprocess Number	: buf2042: 111373		
Operator	: tchrom	Sample Name	: ICM54VF
Sample Number	: 0.5NG	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/28/2006 10:09:04	Cycle	: 5

Raw Data File : H:\TURBO6\5890-12\12B47023.raw <Modified>
Result File : H:\TURBO6\5890-12\12B47023.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B47023.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B47023.rst
Calib Method : h:\turbo6\5890-12\12b-54(06-11-06).mth from H:\TURBO6\5890-12\12B47023.rst
Report Format File: h:\turbo6\5890-12\l%d.rpt
Sequence File : H:\TURBO6\5890-12\12D47.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win
1.60	VV	189811	TMX	0.0321	5919322	379622	6.9	1.53 - 1.67
3.83		721093	AR1254	0.5193	1388544	1442186	3.9	3.76 - 3.90
5.78	BB	110374	DCBP	0.0318	3468079	220748	6.1	5.71 - 5.85
		1021278		0.5832		2042556		

6/28/06

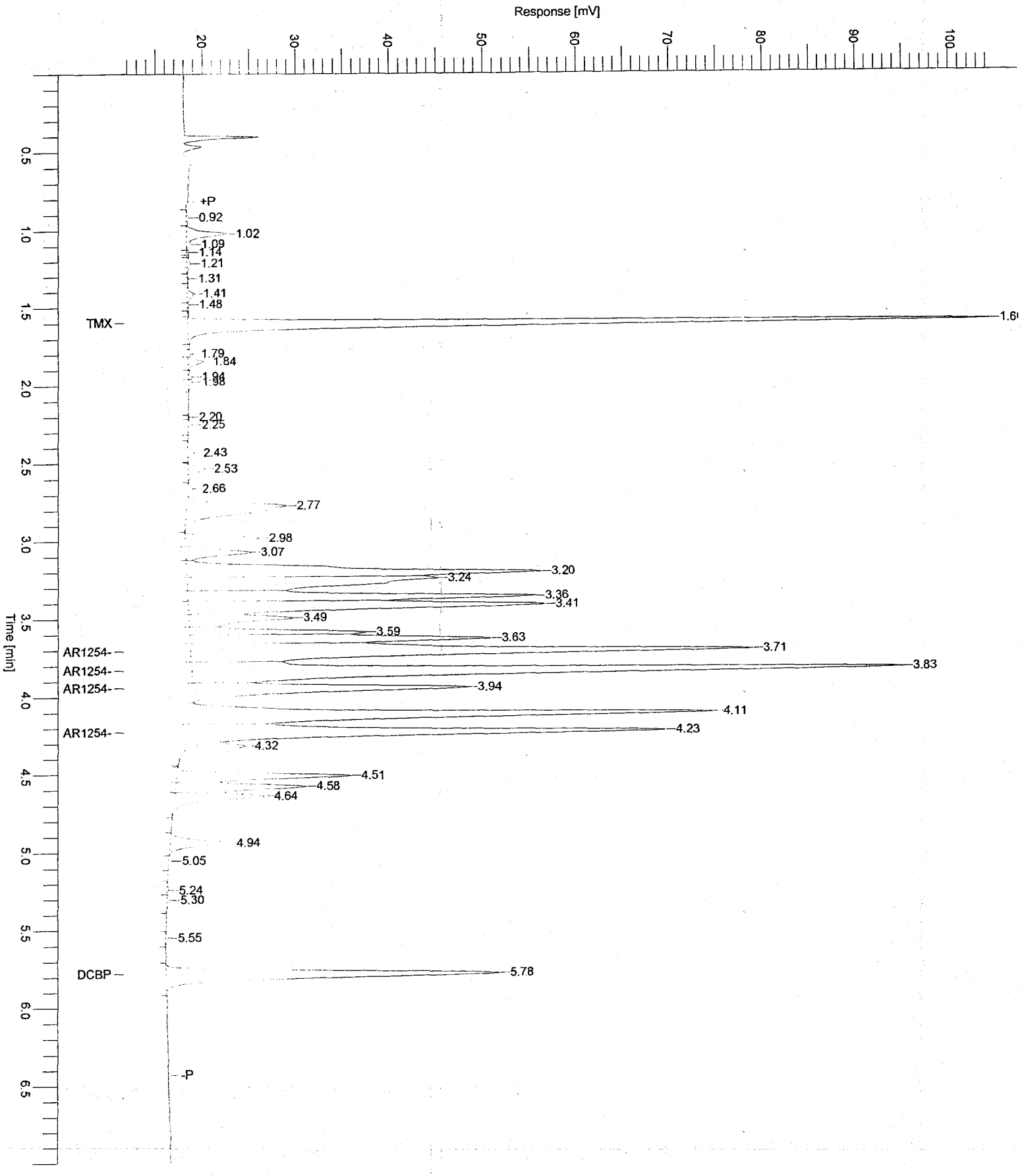
06/28/2006 10:40:01 Result: H:\TURBO6\5890-12\12B47023.rst

Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win
3.71	VV	215442	AR1254-A	0.5193	414875	430884	3.9	3.64 - 3.78
3.83	VV	251040	AR1254-B	0.5170	485610	502080	3.4	3.76 - 3.90
3.94	VB	88708	AR1254-C	0.5245	169127	177417	4.9	3.87 - 4.01
4.23	VE	165903	AR1254-D	0.5202	318932	331805	4.0	4.16 - 4.30
		721093		2.0809		1442186		

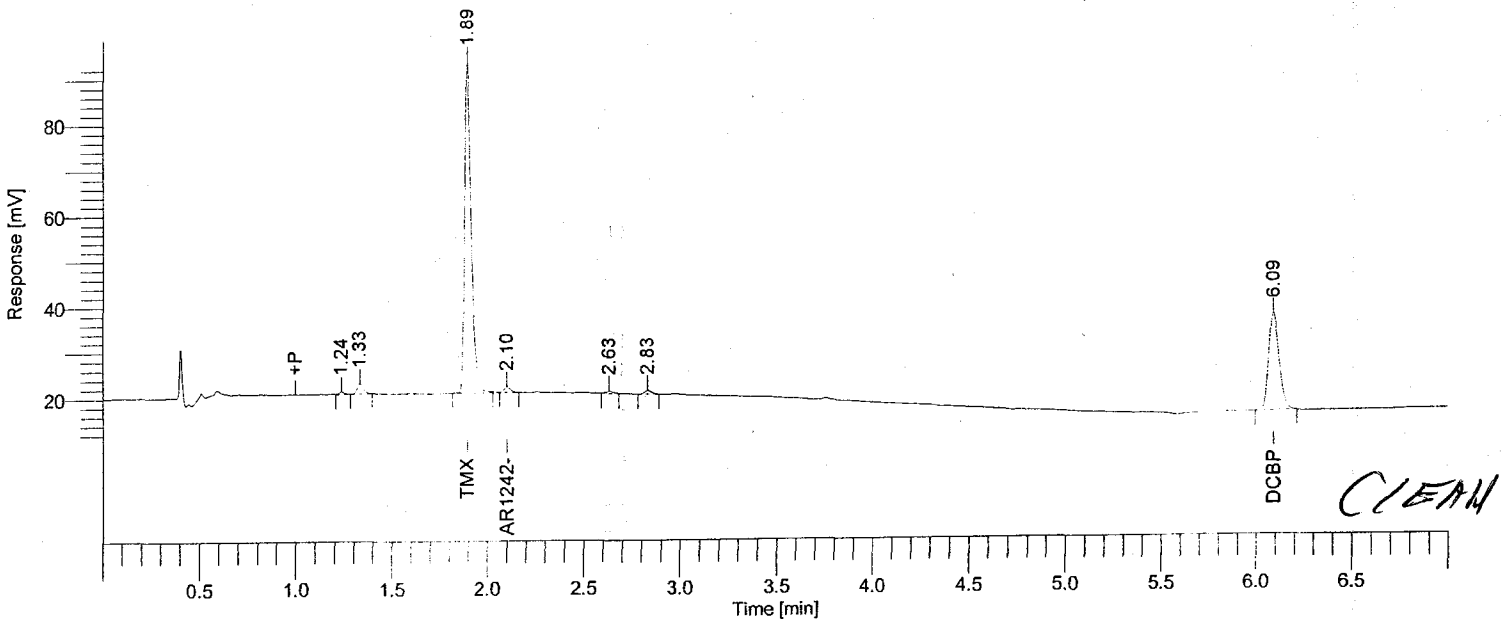
Chromatogram

Sample Name : ICM54VF Sample #: 0.5NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12B47023.raw
Date : 06/28/2006 10:40:02
Method : 12DINS Time of Injection: 06/28/2006 10:09:04
Start Time : 0.00 min End Time : 7.00 min Low Point : 11.69 mV High Point : 104.47 mV
Scale Factor: 1.0 Plot Offset: 11.69 mV Plot Scale: 92.8 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/28/2006 10:40:04
Reprocess Number	: buf2042: 111374		
Operator	: tchrom	Sample Name	: ICM3KD
Sample Number	: 0.03NG	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/28/2006 10:28:47	Cycle	: 6

Raw Data File : H:\TURBO6\5890-12\12A47024.raw <Modified>
Result File : H:\TURBO6\5890-12\12A47024.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A47024.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A47024.rst
Calib Method : h:\turbo6\5890-12\12a-4-pcb(06-11-06).mth from H:\TURBO6\5890-12\12A47024.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D47.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
3	1.89	VV	178585	TMX	0.0144	-------	0
	2.10		2757	~~AR1242~~	0.0017	4.2e-04	4
7	6.09	BB	79683	DCBP	0.0178	-------	0
			261025			4.2e-04	

4/28/06

06/28/2006 10:40:04 Result: H:\TURBO6\5890-12\12A47024.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
4	2.10	VB	2757	AR1242-A	0.0107	0.0027	4
-	2.43		0	AR1242-B	0.0000	-------	-
-	2.56		0	AR1242-C	0.0000	-------	-
-	2.74		0	AR1242-D	0.0000	-------	-
			2757			0.0027	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.98		0	AR1248-A	0.0000	-------	-
-	3.14		0	AR1248-B	0.0000	-------	-
-	3.23		0	AR1248-C	0.0000	-------	-
-	3.57		0	AR1248-D	0.0000	-------	-
			0			0.0000	

6/28/06

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.81		0	AR1254-A	0.0000	-------	-
-	3.88		0	AR1254-B	0.0000	-------	-
-	4.06		0	AR1254-C	0.0000	-------	-
-	4.42		0	AR1254-D	0.0000	-------	-
			0			0.0000	

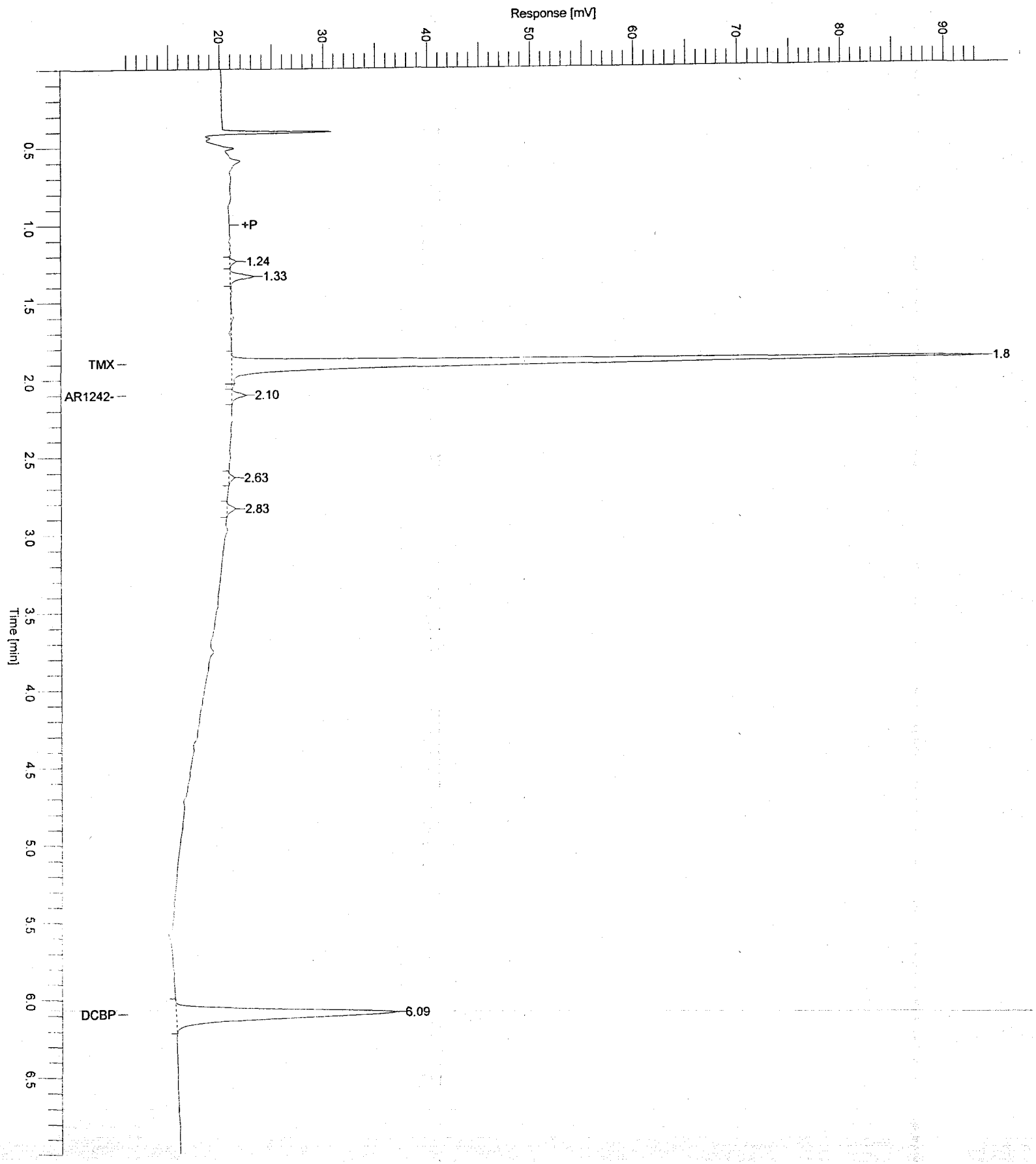
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.22		0	AR1260-A	0.0000	-------	-
-	4.89		0	AR1260-B	0.0000	-------	-
-	5.11		0	AR1260-C	0.0000	-------	-
-	5.54		0	AR1260-D	0.0000	-------	-
			0			0.0000	

Chromatogram

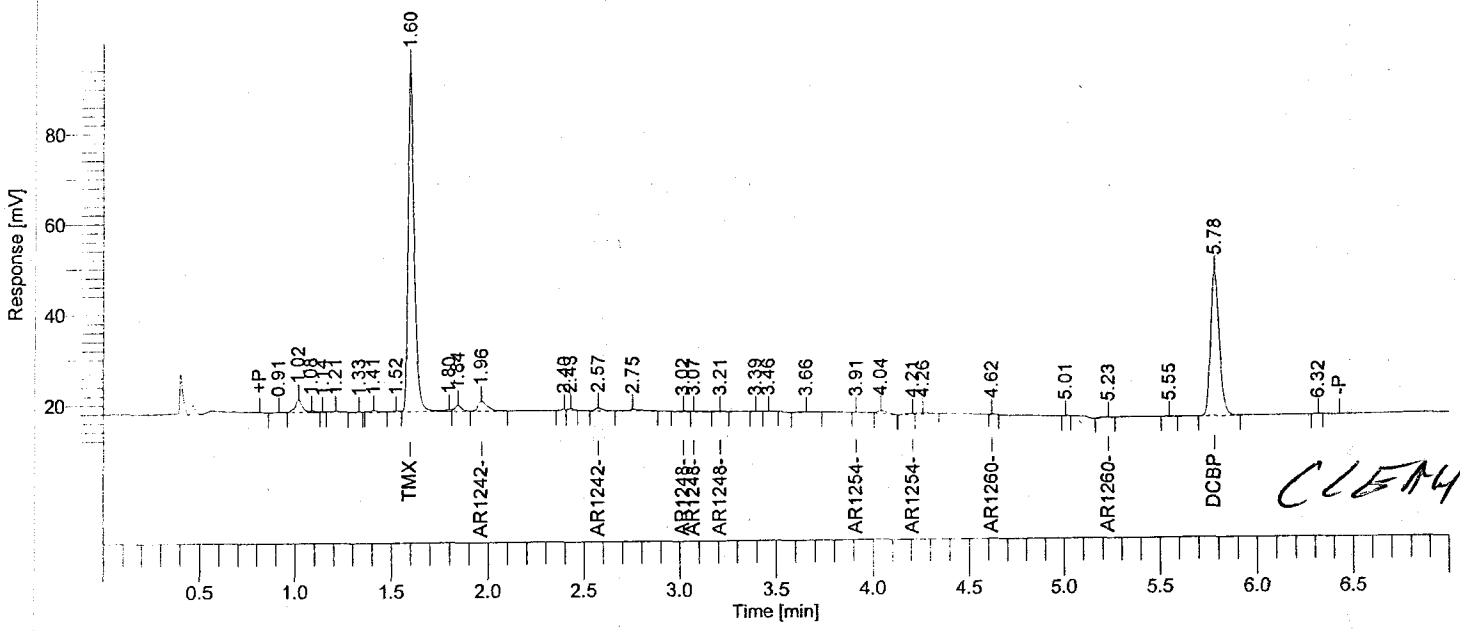
Sample Name : ICM3KD
FileName : H:\TURBO6\5890-12\12A47024.raw
Date : 06/28/2006 10:40:05
Method : 12DINS
Start Time : 0.00 min
Scale Factor: 1.0

Sample #: 0.03NG
Page 1 of 1
Time of Injection: 06/28/2006 10:28:47
End Time : 7.00 min
Plot Offset: 10.98 mV
Low Point : 10.98 mV
Plot Scale: 82.7 mV
High Point : 93.67 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/28/2006 10:40:06
Reprocess Number	: buf2042: 111375		
Operator	: tchrom	Sample Name	: ICM3KD
Sample Number	: 0.03NG	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/28/2006 10:28:47	Cycle	: 6

Raw Data File : H:\TURBO6\5890-12\12B47024.raw <Modified>
Result File : H:\TURBO6\5890-12\12B47024.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B47024.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B47024.rst
Calib Method : h:\turbo6\5890-12\12b-4-pcb(06-11-06).mth from H:\TURBO6\5890-12\12B47024.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D47.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
9	1.60	VE	170686	TMX	0.0284	------	0
	1.96		9505	~~AR1242~~	0.0122	0.0030	4
	3.02		2140	~~AR1248~~	0.0020	5.1e-04	4
	4.21		1761	~~AR1254~~	0.0013	3.2e-04	4
31	5.78	BB	97995	DCBP	0.0276	------	0
			282087			0.0039	

6/28/06

06/28/2006 10:40:06 Result: H:\TURBO6\5890-12\12B47024.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
12	1.96	VB	7576	AR1242-A	0.0693	0.0173	4
-	2.25		0	AR1242-B	0.0000	-------	-
15	2.57	BV	1929	AR1242-C	0.0058	0.0014	4
-	2.64		0	AR1242-D	0.0000	-------	-
			9505			0.0188	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
17	3.02	BV	898	AR1248-A	0.0036	9.0e-04	4
18	3.07	VV	843	AR1248-B	0.0038	9.5e-04	4
19	3.21	VB	400	AR1248-C	0.0013	3.2e-04	4
-	3.24		0	AR1248-D	0.0000	-------	-
			2140			0.0022	

6/28/06

Group Report For : AR1254

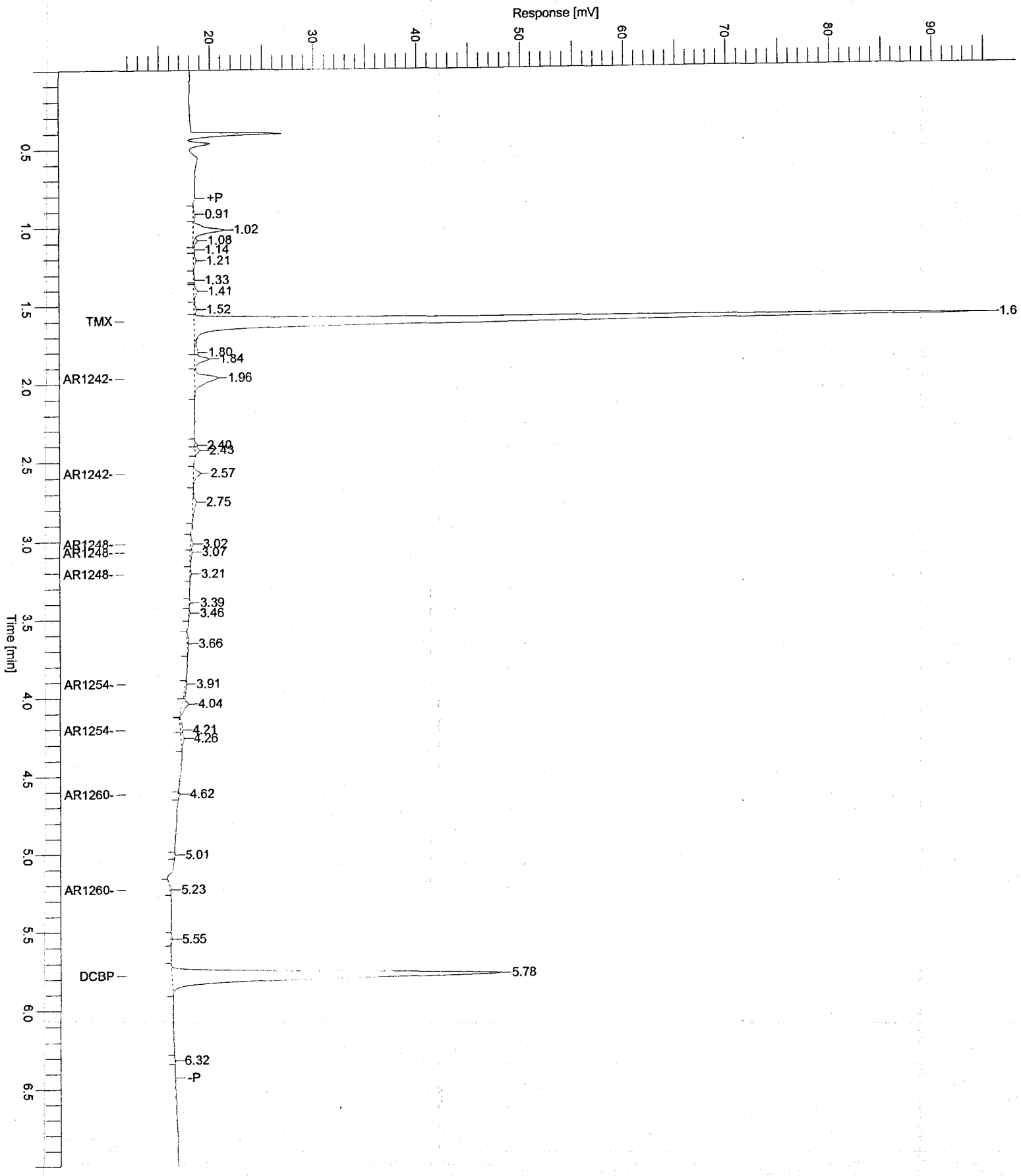
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.71		0	AR1254-A	0.0000	-------	-
-	3.83		0	AR1254-B	0.0000	-------	-
23	3.91	BV	850	AR1254-C	0.0050	0.0013	4
25	4.21	BV	911	AR1254-D	0.0029	7.1e-04	4
			1761			0.0020	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.51		0	AR1260-A	0.0000	-------	-
27	4.62	BB	224	AR1260-B	-0.0200	-5e-03	4
29	5.23	BB	494	AR1260-C	-0.0207	-5e-03	4
-	5.30		0	AR1260-D	0.0000	-------	-
			718			-0.0102	

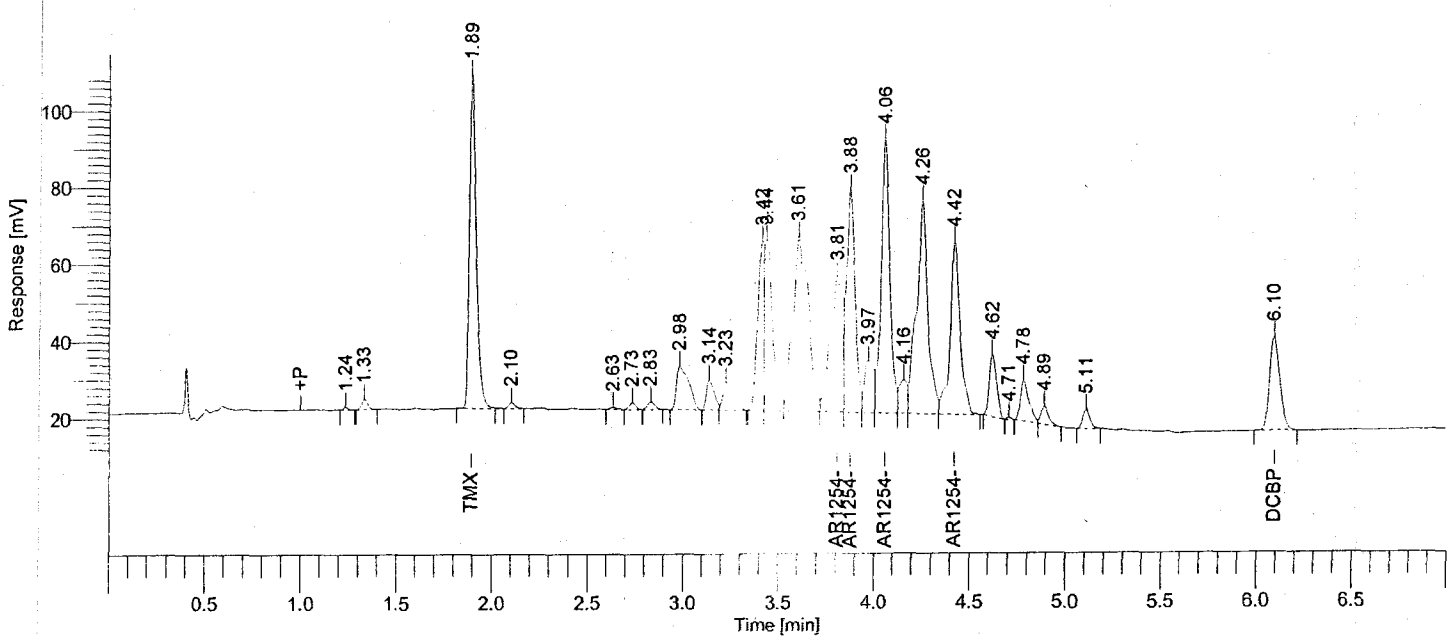
Chromatogram

Sample Name : ICM3KD
Sample #: 0.03NG
Page 1 of 1
FileName : H:\TURBO6\5890-12\12B47024.raw
Date : 06/28/2006 10:40:07
Method : 12DINS
Time of Injection: 06/28/2006 10:28:47
Start Time : 0.00 min
End Time : 7.00 min
Low Point : 11.68 mV
High Point : 95.46 mV
Scale Factor: 1.0
Plot Offset: 11.68 mV
Plot Scale: 83.8 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/28/2006 14:41:24
Reprocess Number	: buf2042: 111438		
Operator	: tchrom	Sample Name	: ICM54VF
Sample Number	: 0.5NG	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/28/2006 14:16:10	Cycle	: 3

Raw Data File : H:\TURBO6\5890-12\12A47035.raw <Modified>
Result File : H:\TURBO6\5890-12\12A47035.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A47035.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A47035.rst
Calib Method : h:\turbo6\5890-12\12a-54(06-11-06).mth from H:\TURBO6\5890-12\12A47035.rst
Report Format File: h:\turbo6\5890-12\l%d.rpt
Sequence File : H:\TURBO6\5890-12\12D47.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win
1.89	BV	213023	TMX	0.0176	12115427	426045	-41.4	1.82 - 1.96
4.06		730143	AR1254	0.3342	2184564	1460286	-33.2	3.99 - 4.13
6.10	BB	91549	DCBP	0.0209	4380277	183097	-30.3	6.03 - 6.17
		1034714		0.3727		2069428		

6/28/06

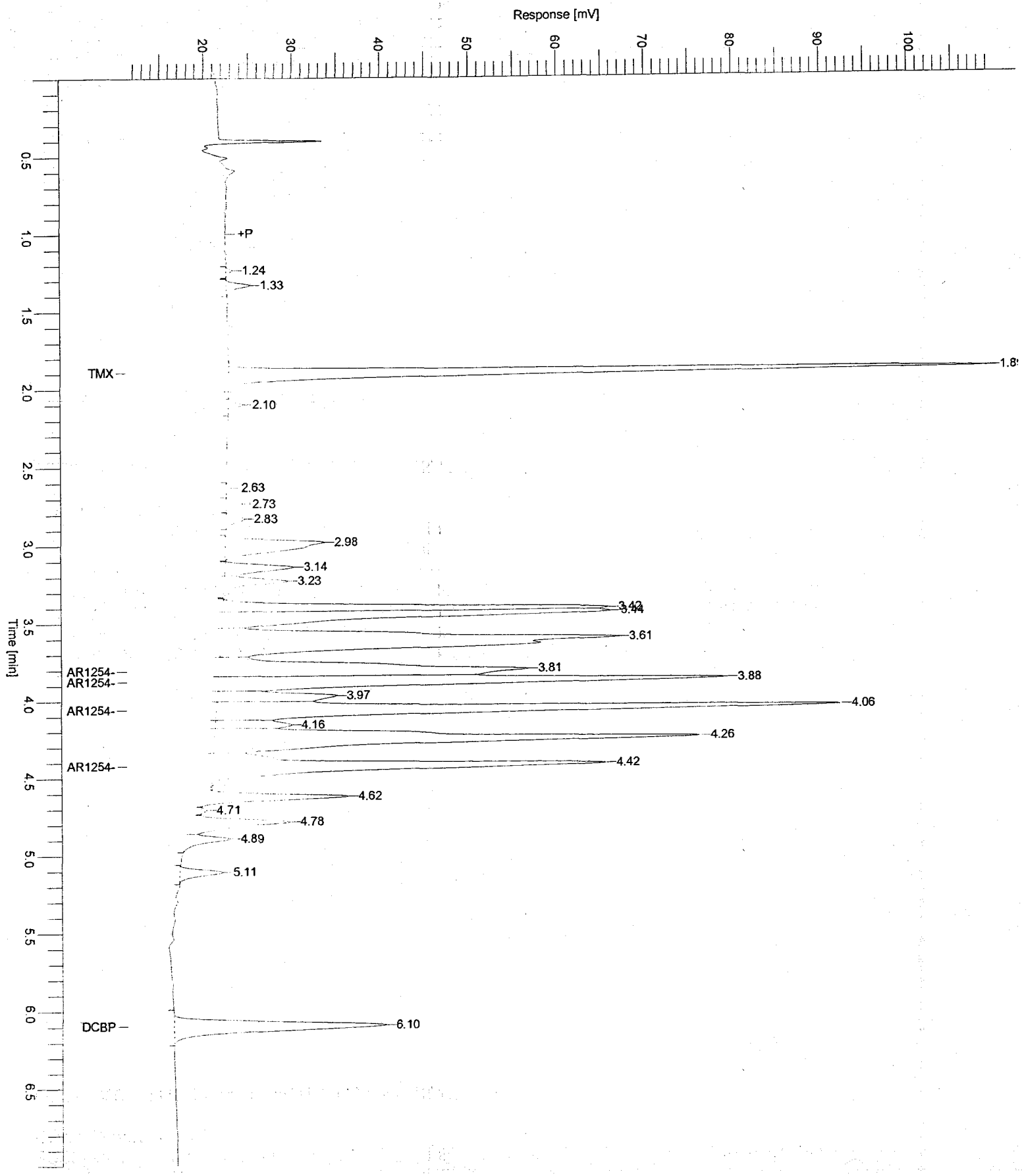
06/28/2006 14:41:24 Result: H:\TURBO6\5890-12\12A47035.rst

Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win
3.81	VV	155352	AR1254-A	0.3337	465612	310705	-33.3	3.74 - 3.88
3.88	VV	181595	AR1254-B	0.3265	556174	363190	-34.7	3.81 - 3.95
4.06	VV	229295	AR1254-C	0.3329	688790	458589	-33.4	3.99 - 4.13
4.42	VB	163901	AR1254-D	0.3458	473987	327801	-30.8	4.35 - 4.49
		730143		1.3388		1460286		

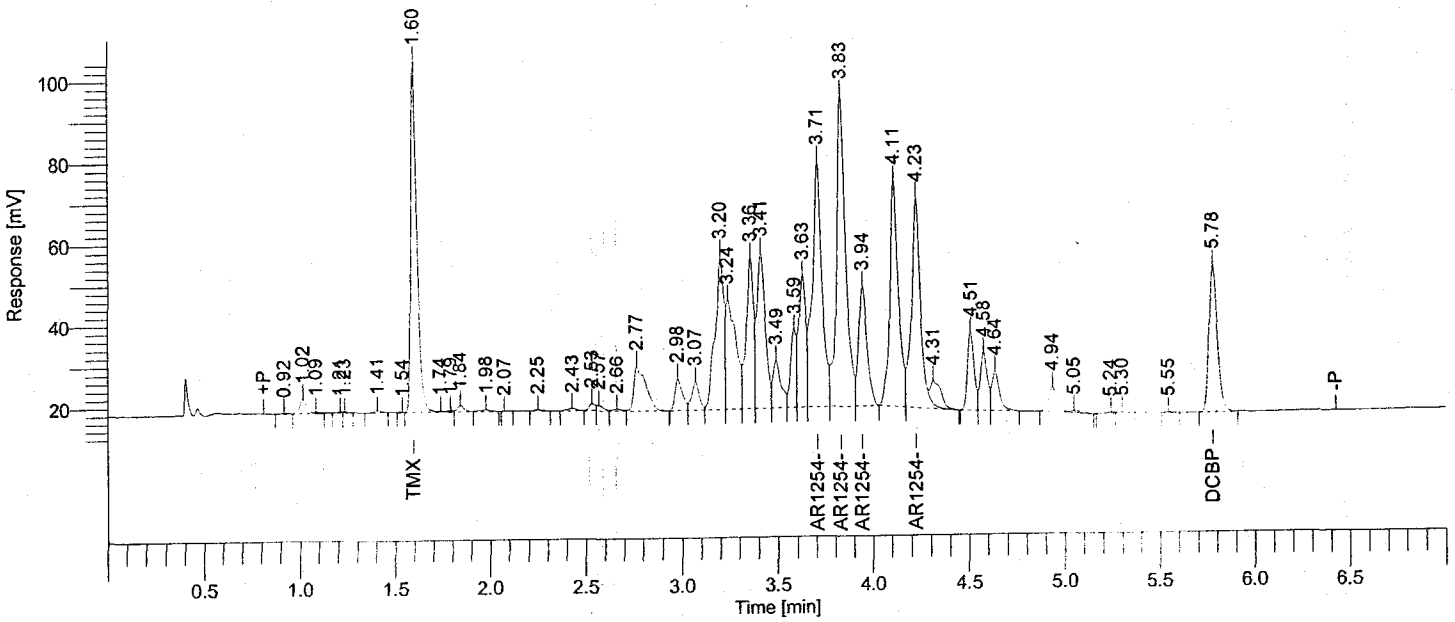
Chromatogram

Sample Name : ICM54VF
Sample #: 0.5NG
Page 1 of 1
FileName : H:\TURBO6\5890-12\12A47035.raw
Date : 06/28/2006 14:41:26
Method : 12DINS
Time of Injection: 06/28/2006 14:16:10
Start Time : 0.00 min
End Time : 7.00 min
Low Point : 11.01 mV
High Point : 109.36 mV
Scale Factor: 1.0
Plot Offset: 11.01 mV
Plot Scale: 98.4 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/28/2006 14:41:27
Reprocess Number	: buf2042: 111439		
Operator	: tchrom	Sample Name	: ICM54VF
Sample Number	: 0.5NG	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/28/2006 14:16:10	Cycle	: 3

Raw Data File : H:\TURBO6\5890-12\12B47035.raw <Modified>
Result File : H:\TURBO6\5890-12\12B47035.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B47035.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B47035.rst
Calib Method : h:\turbo6\5890-12\12b-54(06-11-06).mth from H:\TURBO6\5890-12\12B47035.rst
Report Format File: h:\turbo6\5890-12\l%d.rpt
Sequence File : H:\TURBO6\5890-12\12D47.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win
1.60	VE	190518	TMX	0.0322	5915726	381036	7.4	1.53 - 1.67
3.83		726232	AR1254	0.5230	1388544	1452463	4.6	3.76 - 3.90
5.78	BB	110509	DCBP	0.0319	3467154	221018	6.2	5.71 - 5.85
		1027259		0.5871		2054517		

6/28/06

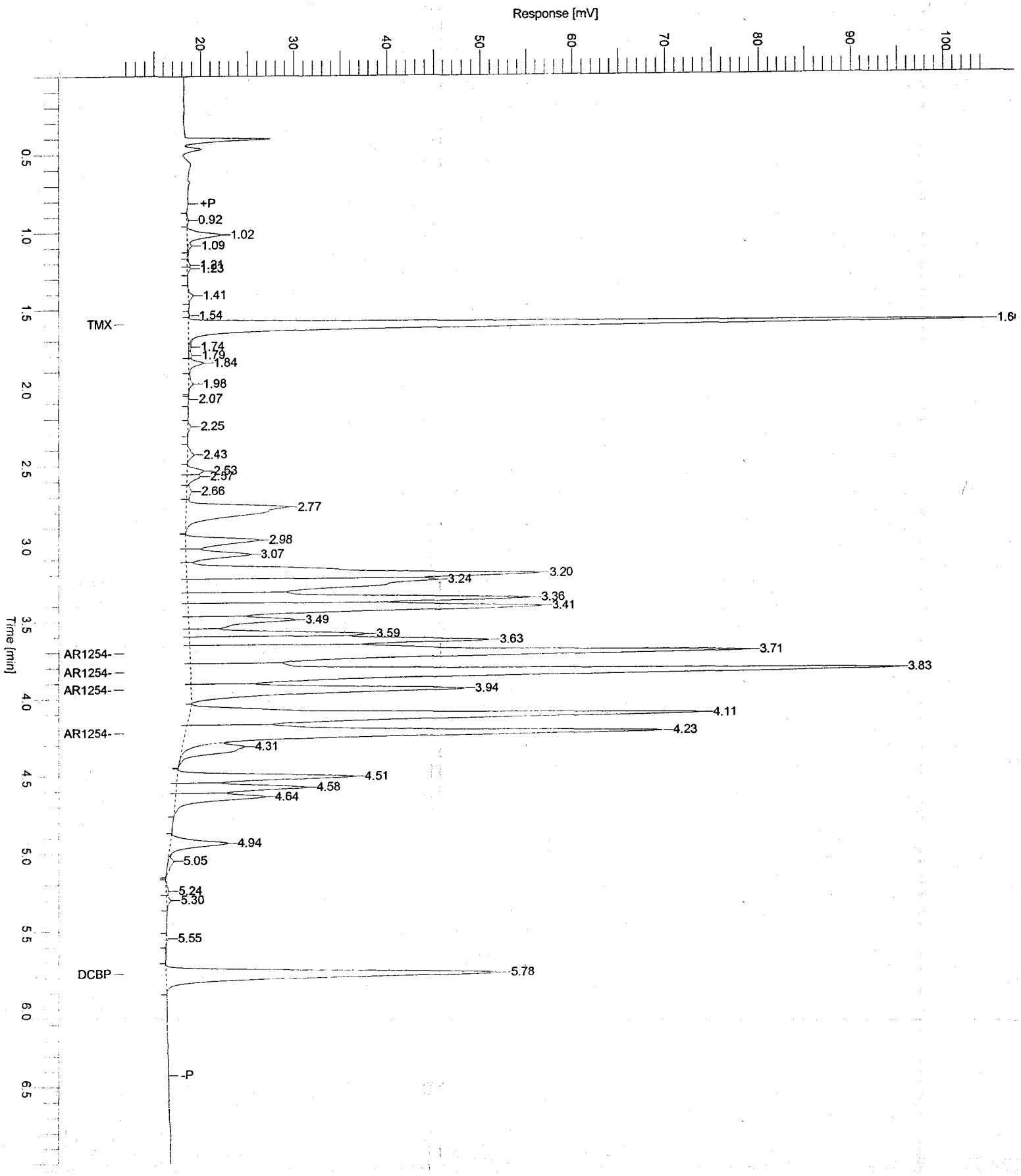
06/28/2006 14:41:27 Result: H:\TURBO6\5890-12\12B47035.rst

Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win
3.71	VV	216231	AR1254-A	0.5212	414875	432461	4.2	3.64 - 3.78
3.83	VV	253454	AR1254-B	0.5219	485610	506908	4.4	3.76 - 3.90
3.94	VB	89289	AR1254-C	0.5279	169127	178577	5.6	3.87 - 4.01
4.23	VE	167258	AR1254-D	0.5244	318932	334517	4.9	4.16 - 4.30
		726232		2.0955		1452463		

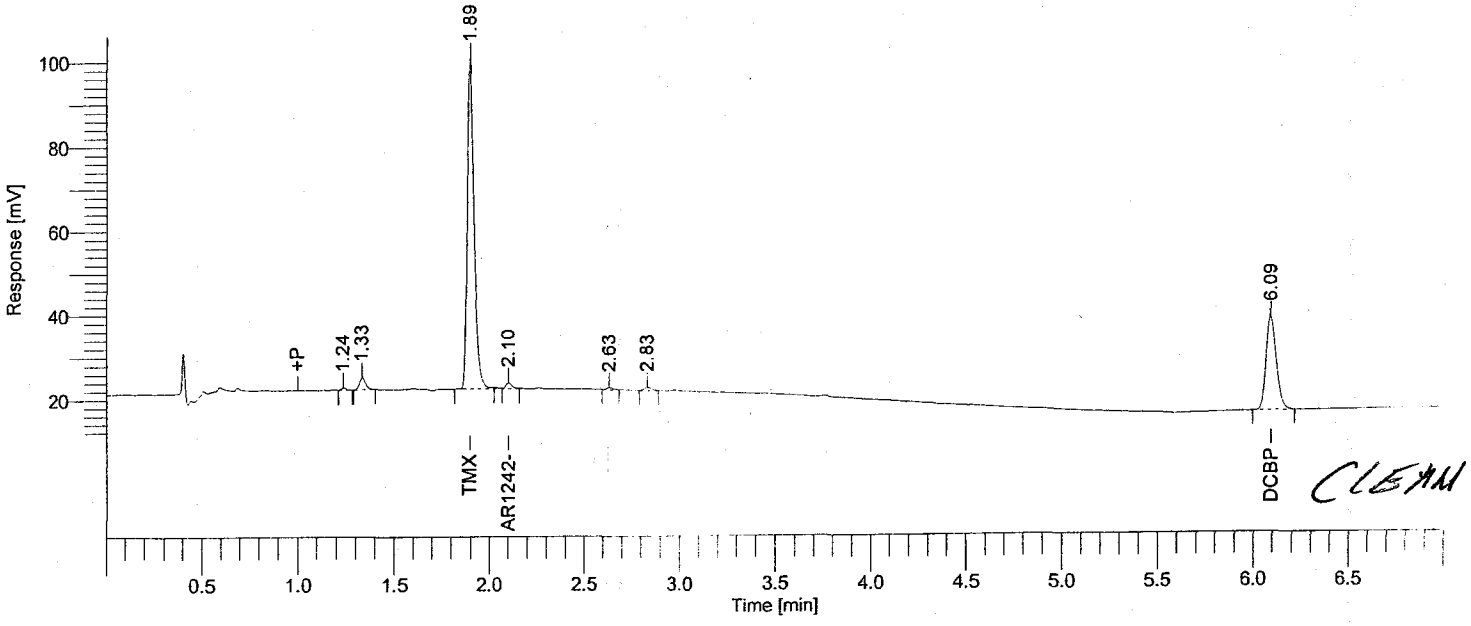
Chromatogram

Sample Name : ICM54VF Sample #: 0.5NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12B47035.raw
Date : 06/28/2006 14:41:28
Method : 12DINS Time of Injection: 06/28/2006 14:16:10
Start Time : 0.00 min End Time : 7.00 min Low Point : 11.78 mV High Point : 104.71 mV
Scale Factor: 1.0 Plot Offset: 11.78 mV Plot Scale: 92.9 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/28/2006 14:47:13
Reprocess Number	: buf2042: 111440		
Operator	: tchrom	Sample Name	: ICM3KD
Sample Number	: 0.03NG	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/28/2006 14:35:56	Cycle	: 1

Raw Data File : H:\TURBO6\5890-12\12A47036.raw <Modified>
Result File : H:\TURBO6\5890-12\12A47036.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A47036.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A47036.rst
Calib Method : h:\turbo6\5890-12\12a-4-pcb(06-11-06).mth from H:\TURBO6\5890-12\12A47036.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D47.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
3	1.89	BV	193161	TMX	0.0158	------	0
	2.10		2806	~~AR1242~~	0.0017	4.3e-04	4
7	6.09	BB	83292	DCBP	0.0188	------	0
			279258			4.3e-04	

6/28/06

06/28/2006 14:47:13 Result: H:\TURBO6\5890-12\12A47036.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
4	2.10	VB	2806	AR1242-A	0.0109	0.0027	4
-	2.43		0	AR1242-B	0.0000	-------	-
-	2.56		0	AR1242-C	0.0000	-------	-
-	2.74		0	AR1242-D	0.0000	-------	-
			2806			0.0027	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.98		0	AR1248-A	0.0000	-------	-
-	3.14		0	AR1248-B	0.0000	-------	-
-	3.23		0	AR1248-C	0.0000	-------	-
-	3.57		0	AR1248-D	0.0000	-------	-
			0			0.0000	

6/28/06 BD

Group Report For : AR1254

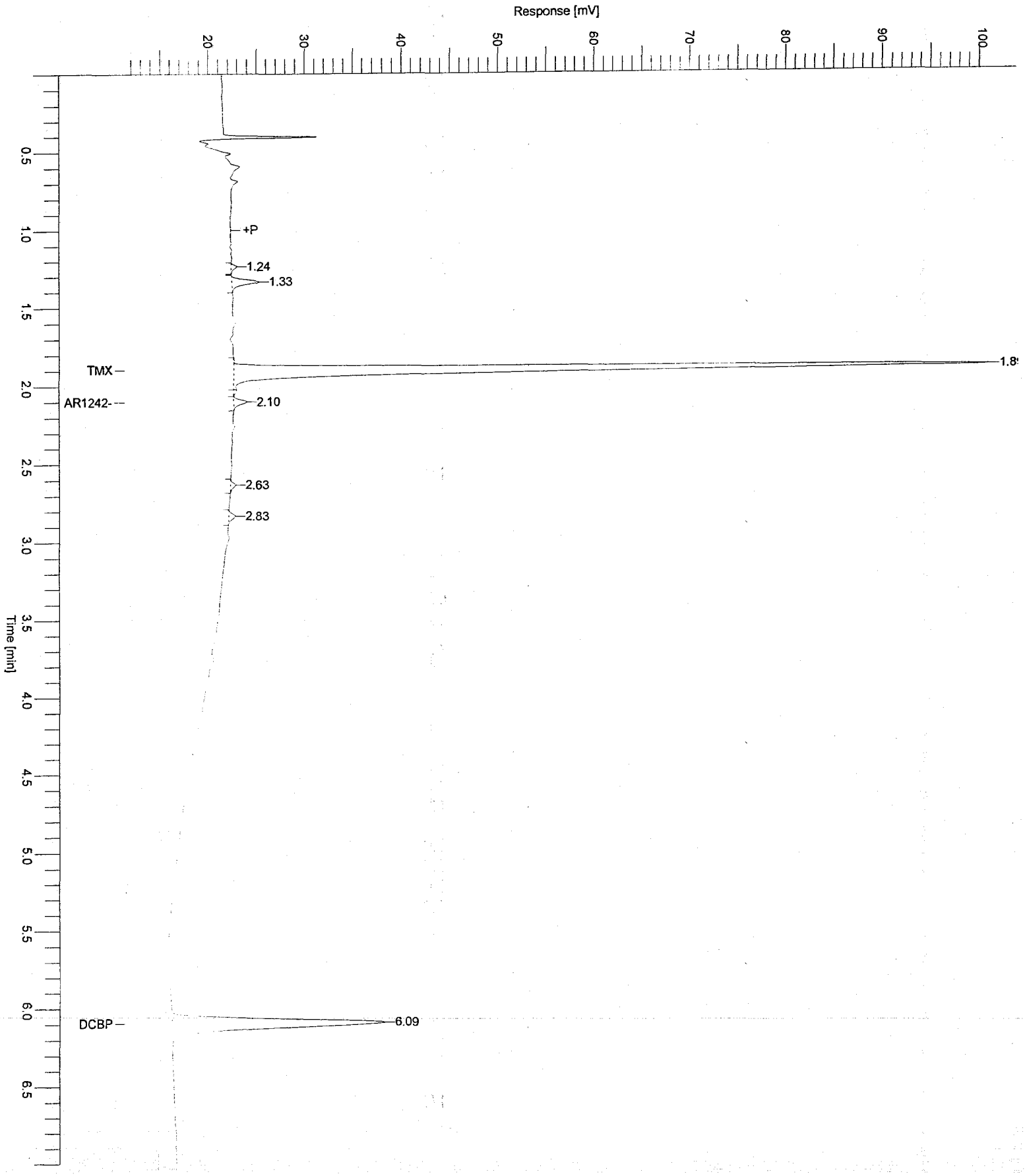
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.81		0	AR1254-A	0.0000	-------	-
-	3.88		0	AR1254-B	0.0000	-------	-
-	4.06		0	AR1254-C	0.0000	-------	-
-	4.42		0	AR1254-D	0.0000	-------	-
			0			0.0000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.22		0	AR1260-A	0.0000	-------	-
-	4.89		0	AR1260-B	0.0000	-------	-
-	5.11		0	AR1260-C	0.0000	-------	-
-	5.54		0	AR1260-D	0.0000	-------	-
			0			0.0000	

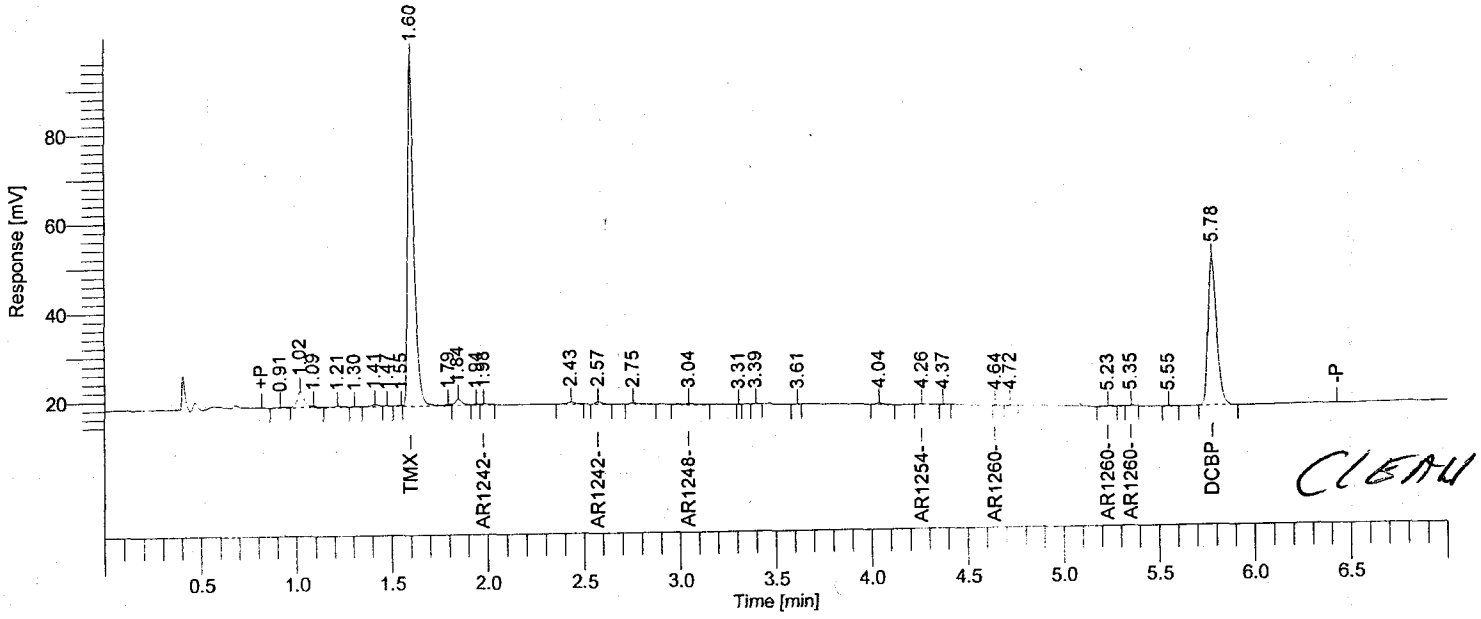
Chromatogram

Sample Name : ICM3KD
FileName : H:\TURBO6\5890-12\12A47036.raw
Date : 06/28/2006 14:47:15
Method : 12DINS
Start Time : 0.00 min
Scale Factor: 1.0
Sample #: 0.03NG
Page 1 of 1
Time of Injection: 06/28/2006 14:35:56
End Time : 7.00 min
Low Point : 11.32 mV
High Point : 100.95 mV
Plot Offset: 11.32 mV
Plot Scale: 89.6 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/28/2006 14:47:16
Reprocess Number	: buf2042: 111441		
Operator	: tchrom	Sample Name	: ICM3KD
Sample Number	: 0.03NG	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/28/2006 14:35:56	Cycle	: 1

Raw Data File : H:\TURBO6\5890-12\12B47036.raw <Modified>
Result File : H:\TURBO6\5890-12\12B47036.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B47036.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B47036.rst
Calib Method : h:\turbo6\5890-12\12b-4-pcb(06-11-06).mth from H:\TURBO6\5890-12\12B47036.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D47.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
9	1.60	VE	174481	TMX	0.0291	------	0
	2.57		2278	~~AR1242~~	0.0029	7.3e-04	4
	3.04		1381	~~AR1248~~	0.0013	3.3e-04	4
29	5.78	BB	101081	DCBP	0.0286	------	0
			279221			0.0011	

4/28/06

06/28/2006 14:47:16 Result: H:\TURBO6\5890-12\12B47036.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
13	1.98	VB	696	AR1242-A	0.0064	0.0016	4
-	2.25		0	AR1242-B	0.0000	-------	-
15	2.57	VB	1581	AR1242-C	0.0048	0.0012	4
-	2.64		0	AR1242-D	0.0000	-------	-
			2278			0.0028	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.98		0	AR1248-A	0.0000	-------	-
17	3.04	BB	1381	AR1248-B	0.0062	0.0016	4
-	3.20		0	AR1248-C	0.0000	-------	-
-	3.24		0	AR1248-D	0.0000	-------	-
			1381			0.0016	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.71		0	AR1254-A	0.0000	-------	-
-	3.83		0	AR1254-B	0.0000	-------	-
-	3.95		0	AR1254-C	0.0000	-------	-
22	4.26	BB	611	AR1254-D	0.0019	4.8e-04	4
			611			4.8e-04	

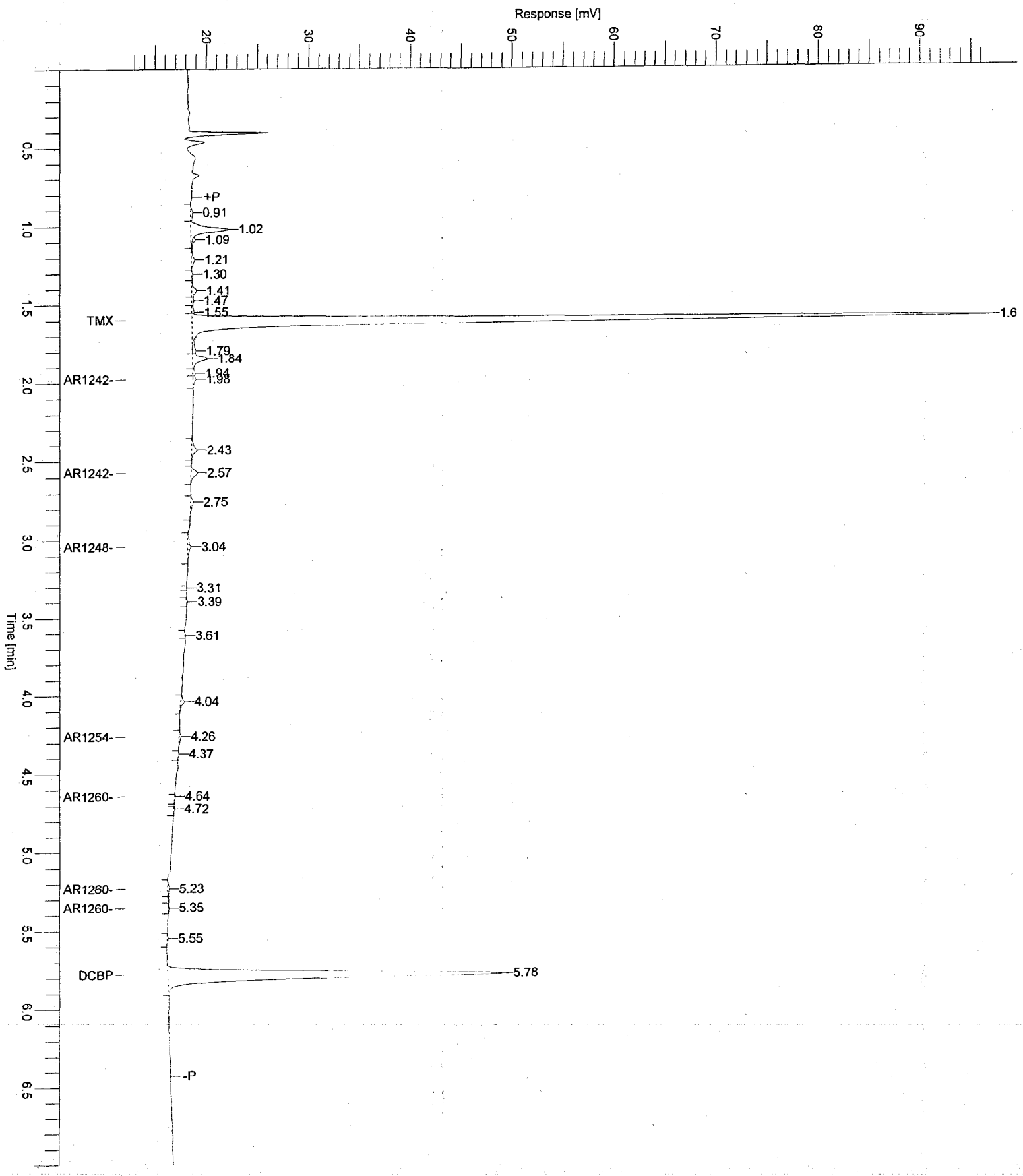
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.51		0	AR1260-A	0.0000	-------	-
24	4.64	BB	91	AR1260-B	-0.0203	-5e-03	4
26	5.23	BV	543	AR1260-C	-0.0193	-5e-03	4
27	5.35	VB	209	AR1260-D	-0.0373	-9e-03	4
			843			-0.0192	

6/28/06

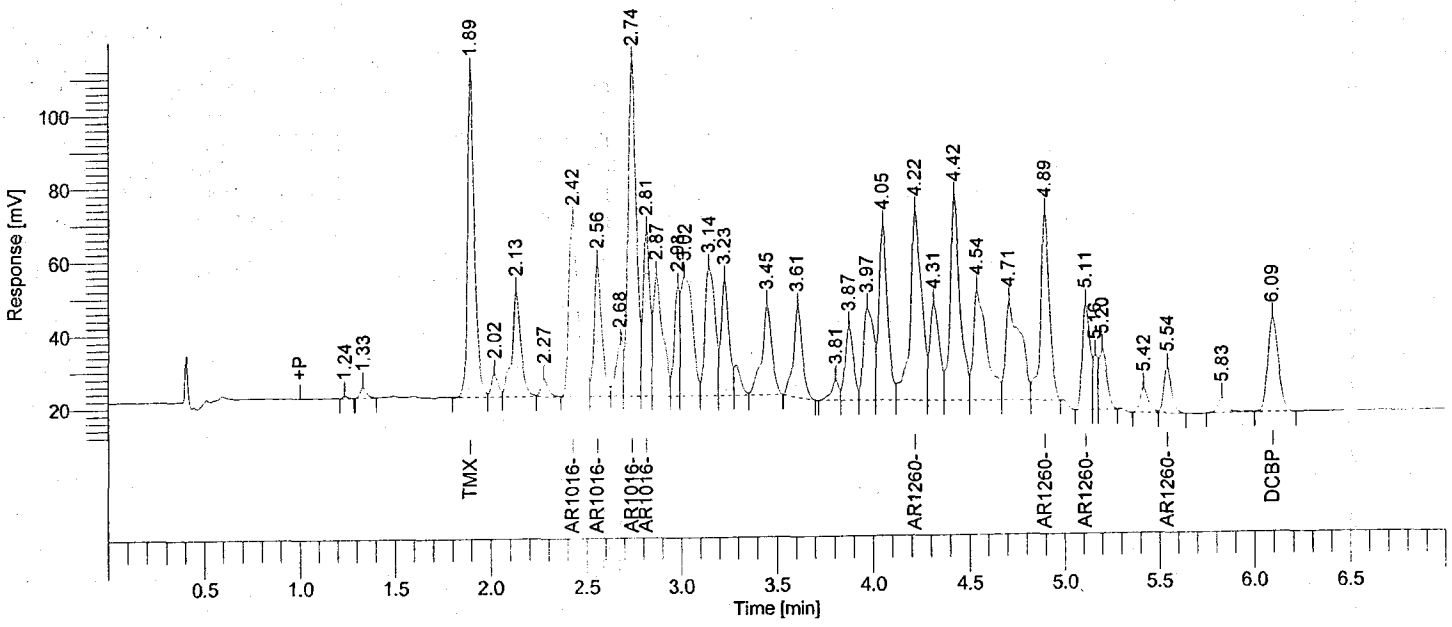
Chromatogram

Sample Name : ICM3KD
Sample #: 0.03NG
Page 1 of 1
FileName : H:\TURBO6\5890-12\12B47036.raw
Date : 06/28/2006 14:47:17
Method : 12DINS
Time of Injection: 06/28/2006 14:35:56
Start Time : 0.00 min
End Time : 7.00 min
Low Point : 12.12 mV
High Point : 96.83 mV
Scale Factor: 1.0
Plot Offset: 12.12 mV
Plot Scale: 84.7 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/28/2006 22:45:17
Reprocess Number	: buf2048: 43453		
Operator	: tchrom	Sample Name	: ICM66NL
Sample Number	: 0.5NG	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/28/2006 17:33:45	Cycle	: 9

Raw Data File : H:\TURBO6\5890-12\12A47045.raw <Modified>
Result File : H:\TURBO6\5890-12\12A47045.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A47045.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A47045.rst
Calib Method : h:\turbo6\5890-12\12a-66(06-11-06).mth from H:\TURBO6\5890-12\12A47045.rst
Report Format File: h:\turbo6\5890-12\l%d.rpt
Sequence File : H:\TURBO6\5890-12\12D47.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win
1.89	BV	224313	TMX	0.0186	12044430	448626	-37.9	1.82 - 1.96
2.74		662085	AR1016	0.3396	1949494	1324169	-32.1	2.67 - 2.81
4.22		499948	AR1260	0.3518	1420979	999896	-29.6	4.15 - 4.29
6.09	VB	96574	DCBP	0.0222	4348592	193148	-26.0	6.02 - 6.16
		1482919		0.7323		2965839		

6/29/06

Group Report For : AR1016

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win
2.42	VV	170976	AR1016-A	0.3375	506560	341952	-32.5	2.35 - 2.49
2.56	VV	101359	AR1016-B	0.3367	301014	202718	-32.7	2.49 - 2.63
2.74	VV	273962	AR1016-C	0.3378	811049	547925	-32.4	2.67 - 2.81
2.81	VV	115787	AR1016-D	0.3501	330738	231574	-30.0	2.74 - 2.88
		662085		1.3621		1324169		

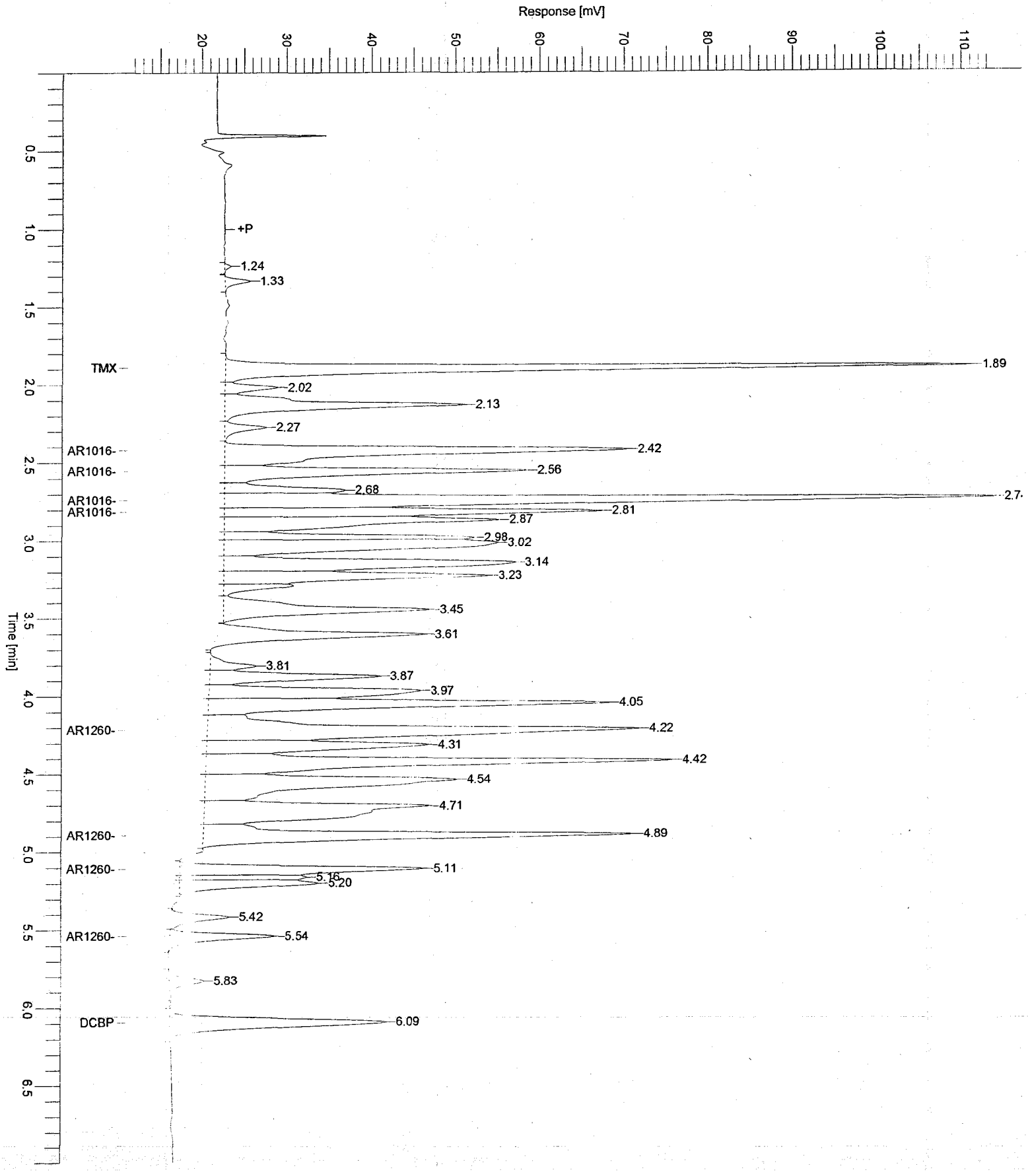
06/28/2006 22:45:17 Result: H:\TURBO6\5890-12\12A47045.rst

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win
4.22	VV	215621	AR1260-A	0.3707	581651	431242	-25.9	4.15 - 4.29
4.89	VB	165159	AR1260-B	0.3166	521631	330318	-36.7	4.82 - 4.96
5.11	BV	83120	AR1260-C	0.3687	225451	166240	-26.3	5.04 - 5.18
5.54	VB	36048	AR1260-D	0.4021	89651	72097	-19.6	5.47 - 5.61
		499948		1.4581		999896		

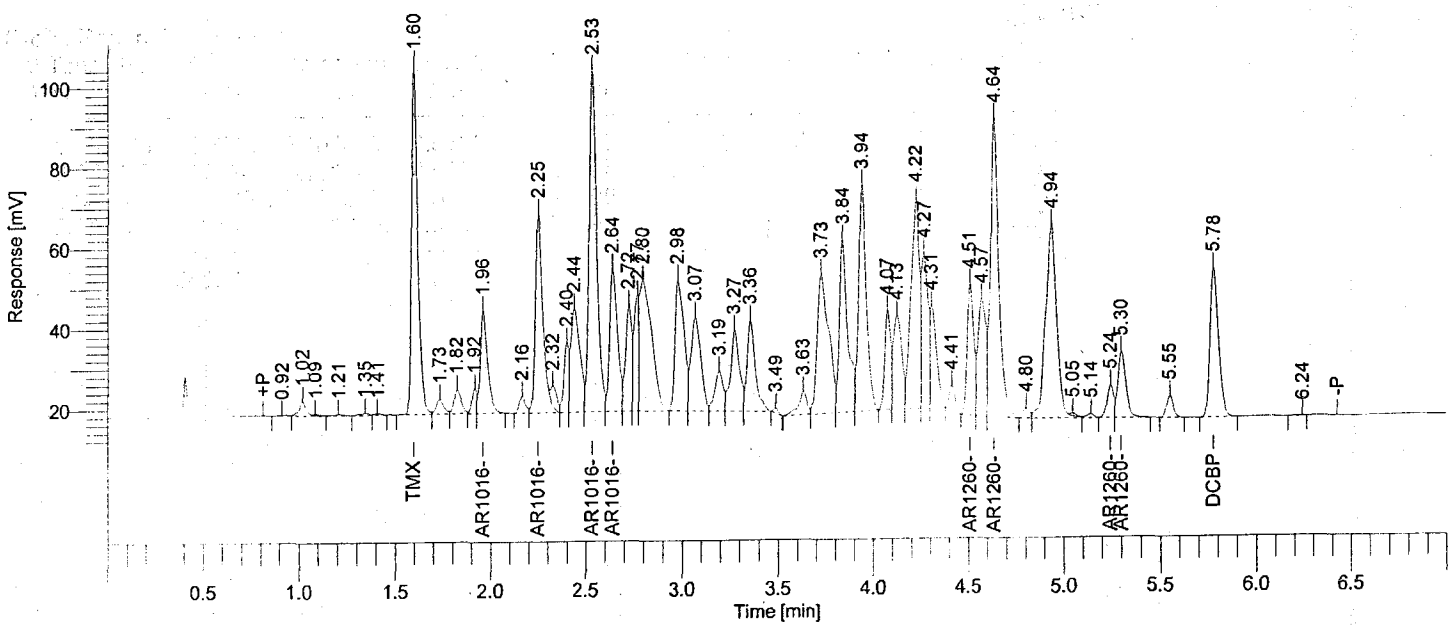
Chromatogram

Sample Name : ICM66NL Sample #: 0.5NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12A47045.raw
Date : 06/28/2006 22:45:18
Method : 12DINS Time of Injection: 06/28/2006 17:33:45
Start Time : 0.00 min End Time : 7.00 min Low Point : 11.25 mV High Point : 113.97 mV
Scale Factor: 1.0 Plot Offset: 11.25 mV Plot Scale: 102.7 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/28/2006 22:45:21
Reprocess Number	: buf2048: 43454		
Operator	: tchrom	Sample Name	: ICM66NL
Sample Number	: 0.5NG	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/28/2006 17:33:45	Cycle	: 9

Raw Data File : H:\TURBO6\5890-12\12B47045.raw <Modified>
Result File : H:\TURBO6\5890-12\12B47045.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B47045.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B47045.rst
Calib Method : h:\turbo6\5890-12\12b-66(06-11-06).mth from H:\TURBO6\5890-12\12B47045.rst
Report Format File: h:\turbo6\5890-12\l%d.rpt
Sequence File : H:\TURBO6\5890-12\12D47.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Win
1.60	VV	192859	TMX	0.0327	5903774	385718	8.9	1.53	-	1.67
2.53		541568	AR1016	0.5665	956046	1083137	13.3	2.46	-	2.60
4.64		368669	AR1260	0.5346	689636	737338	6.9	4.57	-	4.71
5.78	BB	112551	DCBP	0.0326	3453095	225101	8.6	5.71	-	5.85
		1215647		1.1663		2431295				

Group Report For : AR1016

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Win
1.96	VB	67562	AR1016-A	0.5705	118417	135125	14.1	1.89	-	2.03
2.25	VE	136424	AR1016-B	0.5621	242694	272849	12.4	2.18	-	2.32
2.53	VV	235036	AR1016-C	0.5634	417195	470071	12.7	2.46	-	2.60
2.64	VV	102546	AR1016-D	0.5768	177799	205092	15.4	2.57	-	2.71
		541568		2.2728		1083137				

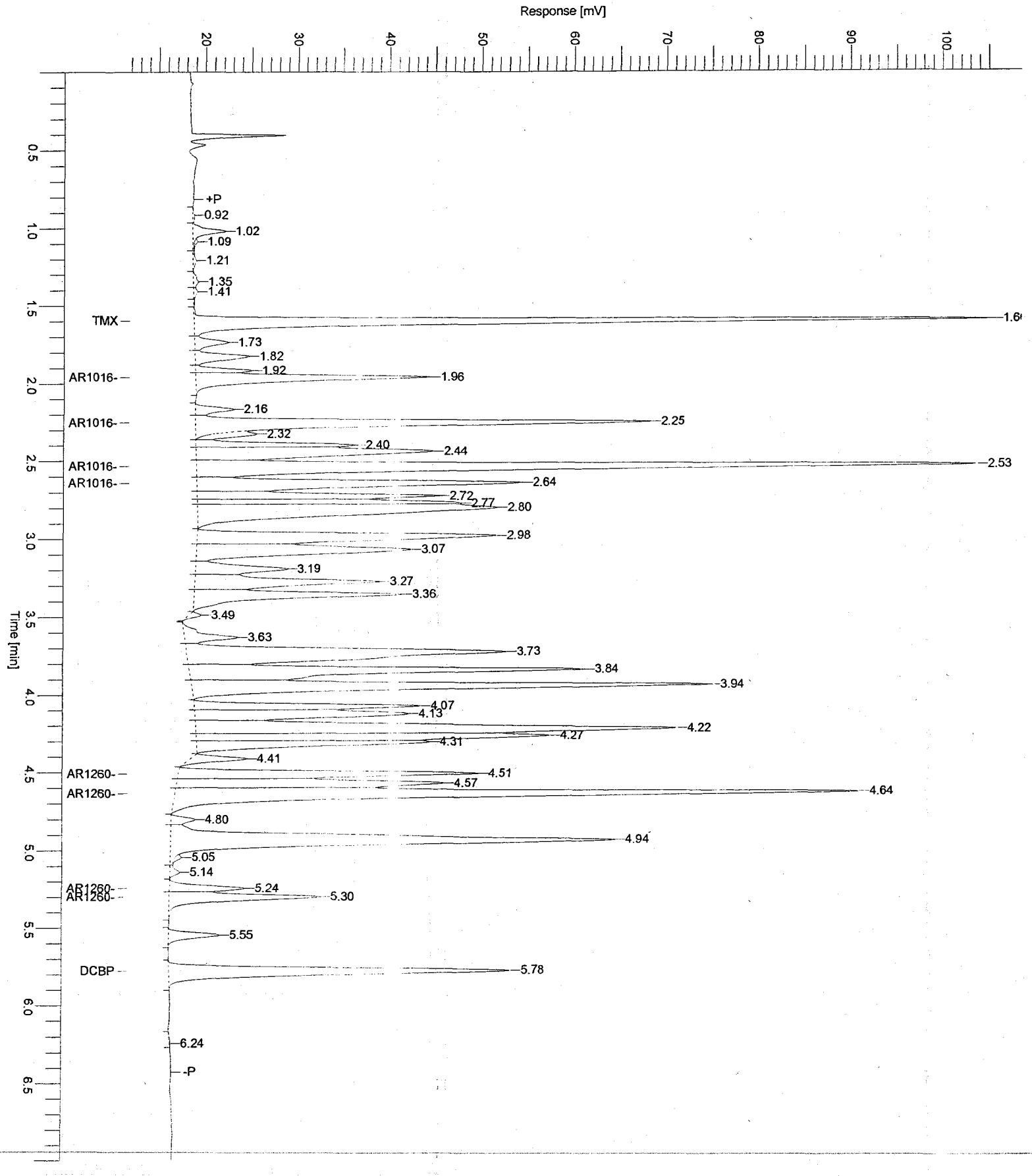
06/28/2006 22:45:21 Result: H:\TURBO6\5890-12\12B47045.rst

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win
4.51	BV	79927	AR1260-A	0.4782	167152	159854	-4.4	4.44 - 4.58
4.64	VB	223655	AR1260-B	0.5816	384578	447310	16.3	4.57 - 4.71
5.24	BV	19041	AR1260-C	0.5128	37130	38082	2.6	5.17 - 5.31
5.30	VB	46046	AR1260-D	0.4497	102397	92091	-10.1	5.23 - 5.37
		368669		2.0222		737338		

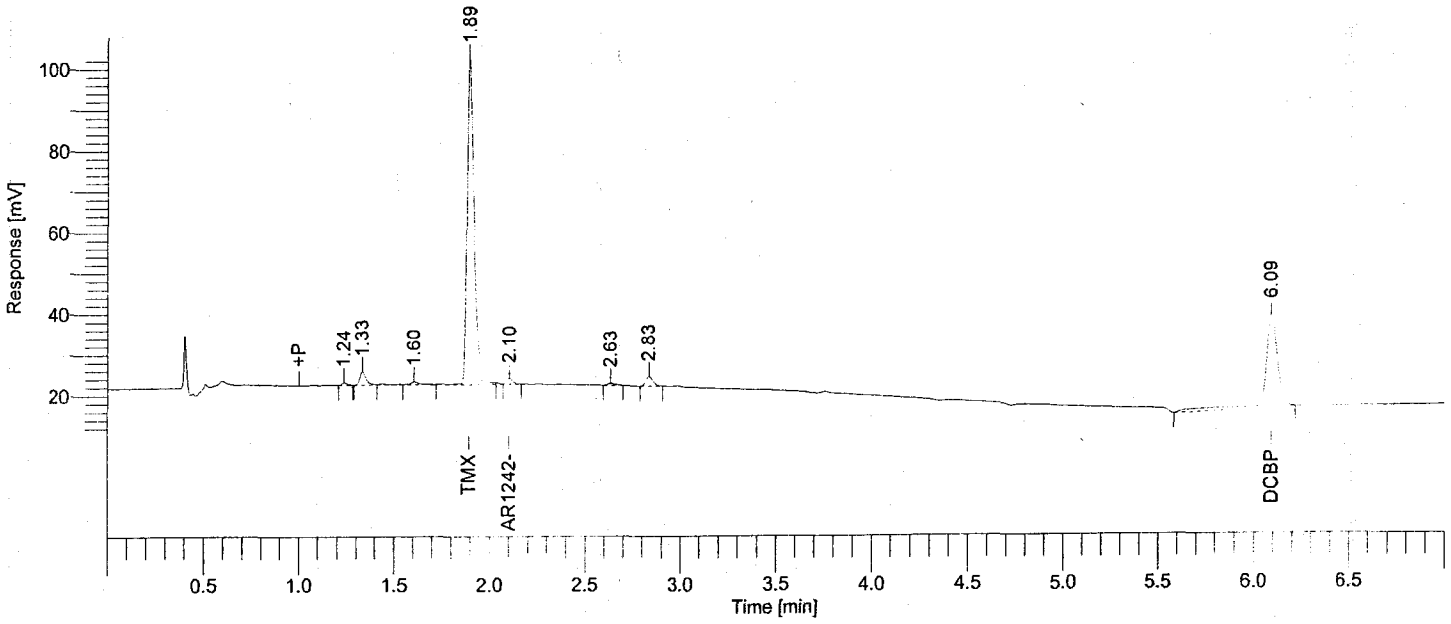
Chromatogram

Sample Name : ICM66NL Sample #: 0.5NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12B47045.raw
Date : 06/28/2006 22:45:22
Method : 12DINS Time of Injection: 06/28/2006 17:33:45
Start Time : 0.00 min End Time : 7.00 min Low Point : 11.85 mV High Point : 105.45 mV
Scale Factor: 1.0 Plot Offset: 11.85 mV Plot Scale: 93.6 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/28/2006 22:45:25
Reprocess Number	: buf2048: 43455		
Operator	: tchrom	Sample Name	: ICM3KD
Sample Number	: 0.03NG	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/28/2006 17:53:30	Cycle	: 10

Raw Data File : H:\TURBO6\5890-12\12A47046.raw <Modified>
Result File : H:\TURBO6\5890-12\12A47046.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A47046.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A47046.rst
Calib Method : h:\turbo6\5890-12\12a-4-pcb(06-11-06).mth from H:\TURBO6\5890-12\12A47046.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D47.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
4	1.89	VV	198149	TMX	0.0162	-------	0
	2.10		3192	AR1242	0.0019	4.9e-04	4
8	6.09	BB	103349	DCBP	0.0240	-------	0
			304690			4.9e-04	

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
5	2.10	VB	3192	AR1242-A	0.0124	0.0031	4
-	2.43		0	AR1242-B	0.0000	-------	-
-	2.56		0	AR1242-C	0.0000	-------	-
-	2.74		0	AR1242-D	0.0000	-------	-
			3192			0.0031	

06/28/2006 22:45:25 Result: H:\TURBO6\5890-12\12A47046.rst

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.98		0	AR1248-A	0.0000	-------	-
-	3.14		0	AR1248-B	0.0000	-------	-
-	3.23		0	AR1248-C	0.0000	-------	-
-	3.57		0	AR1248-D	0.0000	-------	-
			0			0.0000	

Group Report For : AR1254

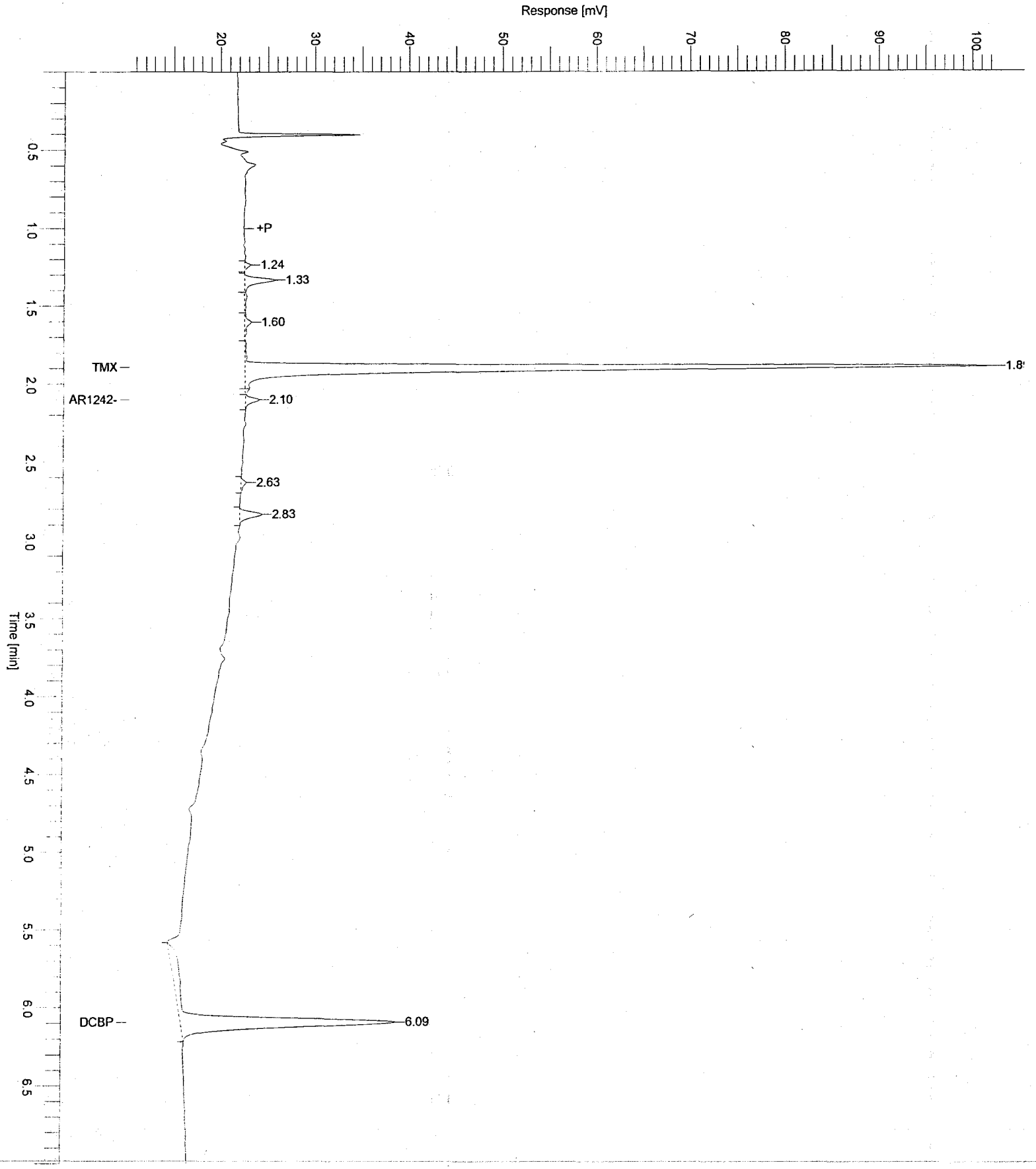
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.81		0	AR1254-A	0.0000	-------	-
-	3.88		0	AR1254-B	0.0000	-------	-
-	4.06		0	AR1254-C	0.0000	-------	-
-	4.42		0	AR1254-D	0.0000	-------	-
			0			0.0000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.22		0	AR1260-A	0.0000	-------	-
-	4.89		0	AR1260-B	0.0000	-------	-
-	5.11		0	AR1260-C	0.0000	-------	-
-	5.54		0	AR1260-D	0.0000	-------	-
			0			0.0000	

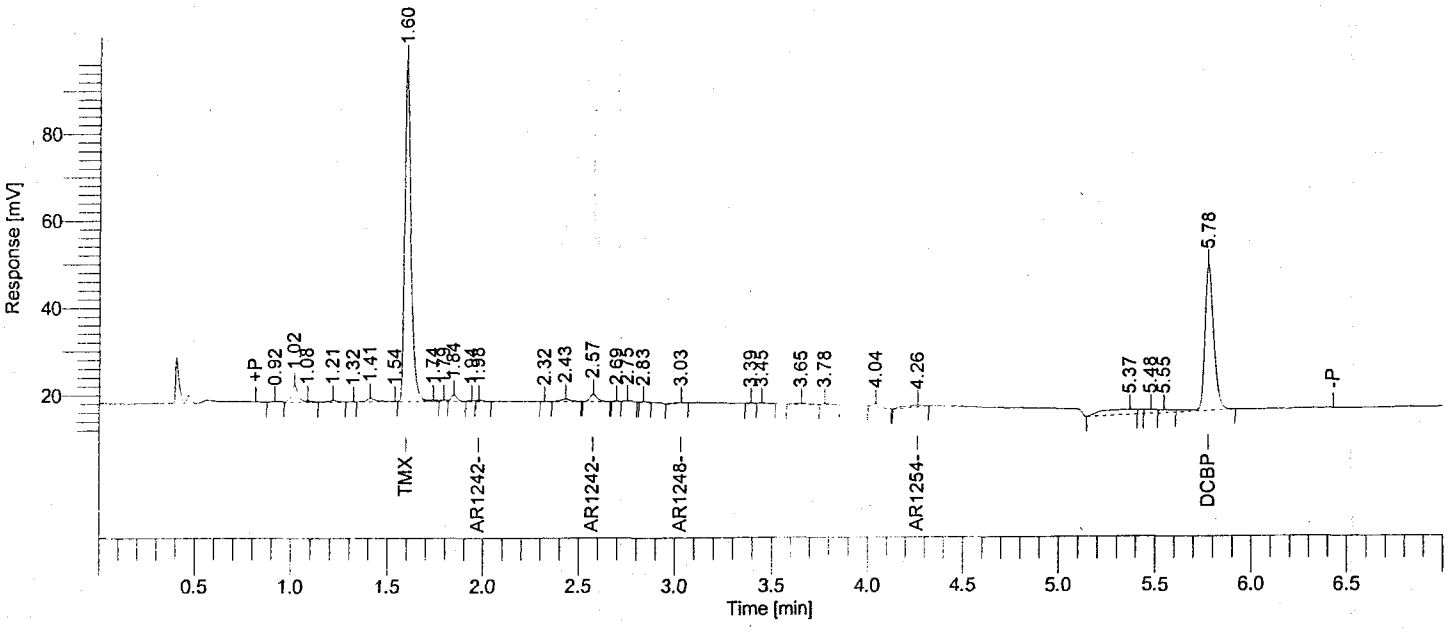
Chromatogram

Sample Name : ICM3KD Sample #: 0.03NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12A47046.raw
Date : 06/28/2006 22:45:26
Method : 12DINS Time of Injection: 06/28/2006 17:53:30
Start Time : 0.00 min End Time : 7.00 min Low Point : 10.36 mV High Point : 102.54 mV
Scale Factor: 1.0 Plot Offset: 10.36 mV Plot Scale: 92.2 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/28/2006 22:45:29
Reprocess Number	: buf2048: 43456		
Operator	: tchrom	Sample Name	: ICM3KD
Sample Number	: 0.03NG	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/28/2006 17:53:30	Cycle	: 10

Raw Data File : H:\TURBO6\5890-12\12B47046.raw <Modified>
Result File : H:\TURBO6\5890-12\12B47046.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B47046.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B47046.rst
Calib Method : h:\turbo6\5890-12\12b-4-pcb(06-11-06).mth from H:\TURBO6\5890-12\12B47046.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D47.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
8	1.60	VE	174061	TMX	0.0290	-------	0
	2.57		5065	AR1242	0.0065	0.0016	4
	4.26		3177	AR1254	0.0023	5.7e-04	4
30	5.78	VB	106343	DCBP	0.0304	-------	0
			288645			0.0022	

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
13	1.98	VB	787	AR1242-A	0.0072	0.0018	4
-	2.25		0	AR1242-B	0.0000	-------	-
16	2.57	BB	4278	AR1242-C	0.0129	0.0032	4
-	2.64		0	AR1242-D	0.0000	-------	-
			5065			0.0050	

06/28/2006 22:45:29 Result: H:\TURBO6\5890-12\12B47046.rst

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.98		0	AR1248-A	0.0000	-------	-
20	3.03	BB	698	AR1248-B	0.0032	7.9e-04	4
-	3.20		0	AR1248-C	0.0000	-------	-
-	3.24		0	AR1248-D	0.0000	-------	-
			698			7.9e-04	

Group Report For : AR1254

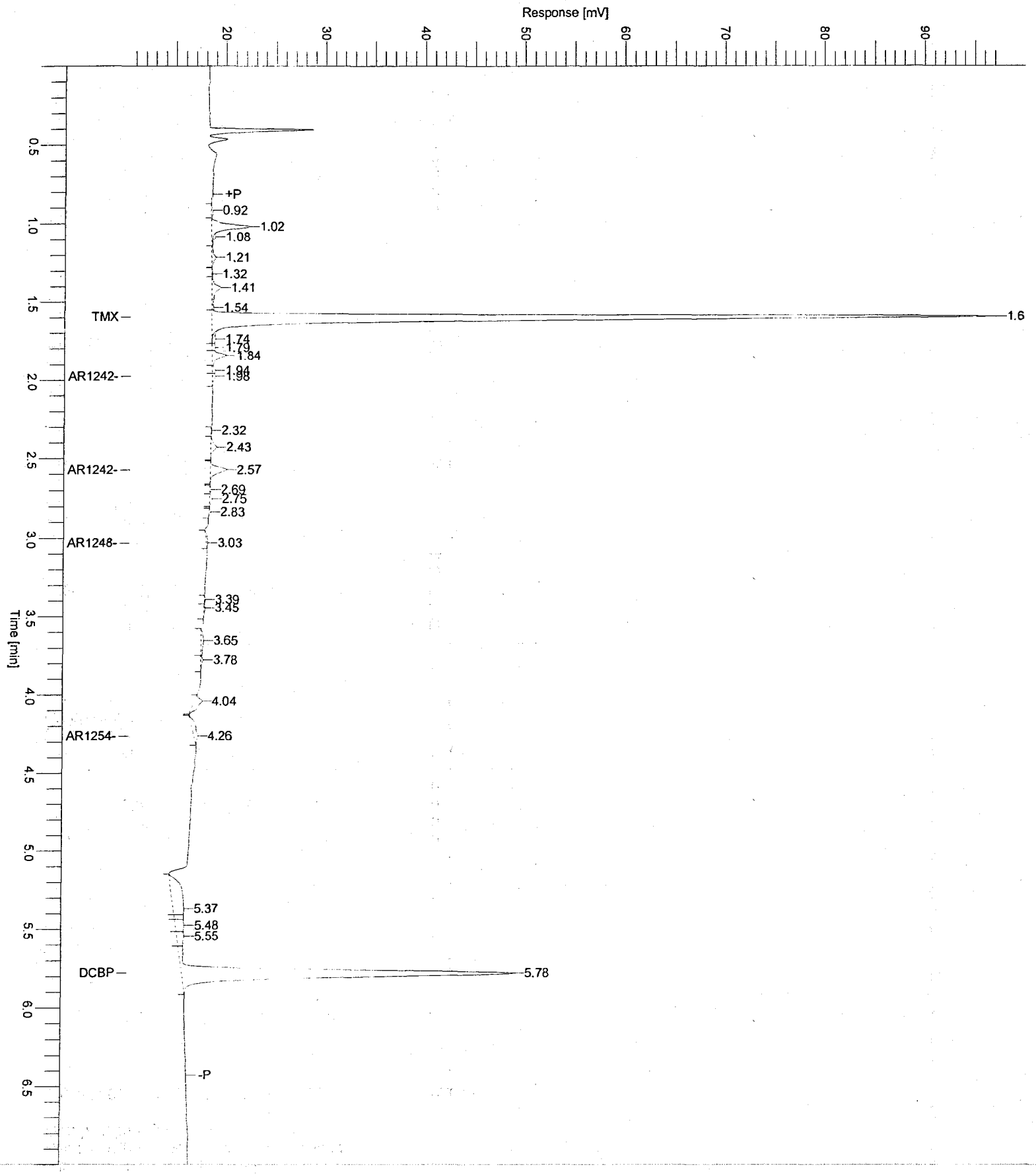
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.71		0	AR1254-A	0.0000	-------	-
-	3.83		0	AR1254-B	0.0000	-------	-
-	3.95		0	AR1254-C	0.0000	-------	-
26	4.26	BB	3177	AR1254-D	0.0100	0.0025	4
			3177			0.0025	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.51		0	AR1260-A	0.0000	-------	-
-	4.64		0	AR1260-B	0.0000	-------	-
-	5.25		0	AR1260-C	0.0000	-------	-
-	5.30		0	AR1260-D	0.0000	-------	-
			0			0.0000	

Chromatogram

Sample Name : ICM3KD Sample #: 0.03NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12B47046.raw
Date : 06/28/2006 22:45:30
Method : 12DINS Time of Injection: 06/28/2006 17:53:30
Start Time : 0.00 min End Time : 7.00 min Low Point : 10.59 mV High Point : 97.26 mV
Scale Factor: 1.0 Plot Offset: 10.59 mV Plot Scale: 86.7 mV



Raw QC Data

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

Method Blank

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix: (soil/water) WATER Lab Sample ID: A6B2133102

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 12B46101.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: _____ _____

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 06/19/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/20/2006

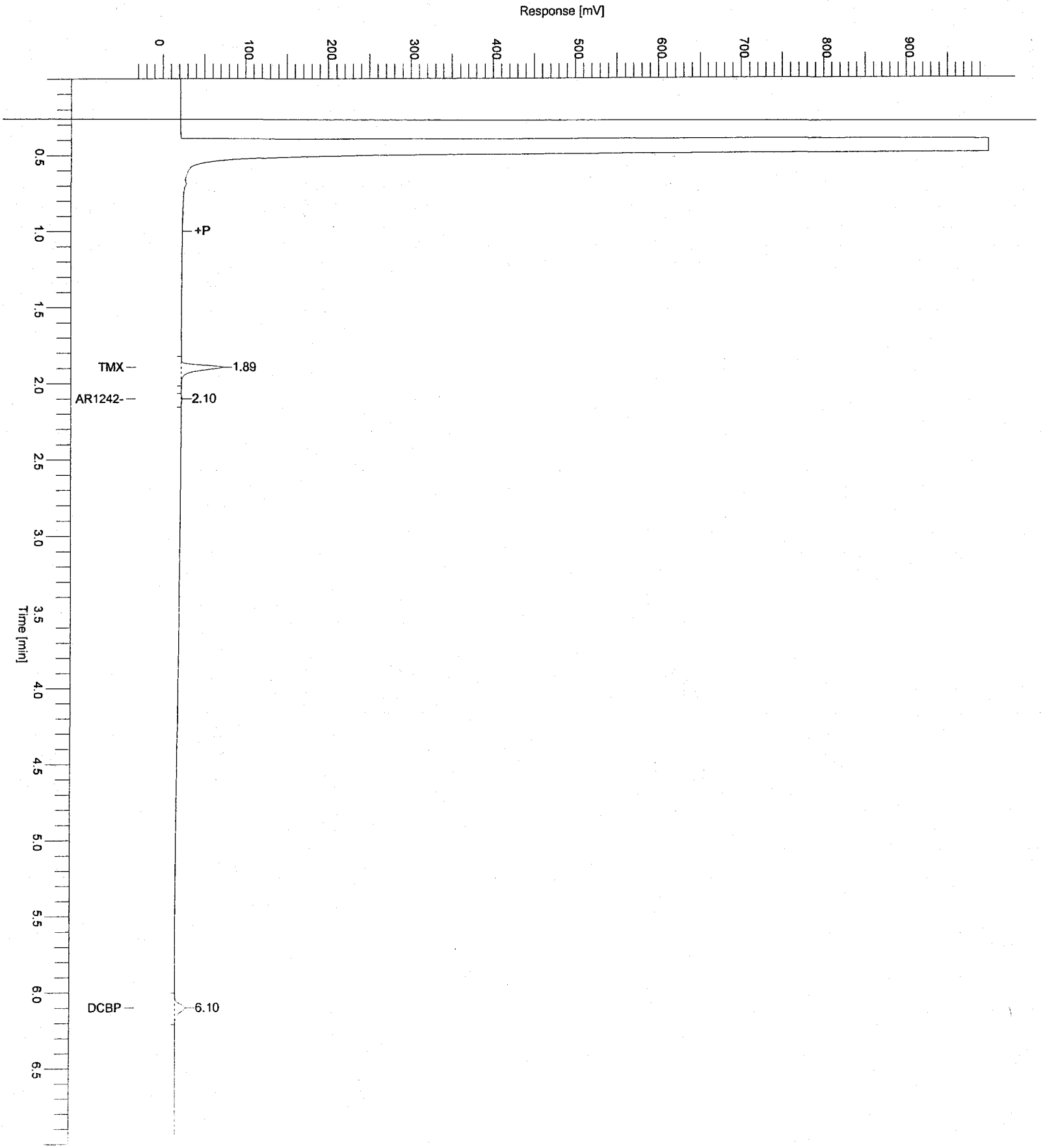
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.50	U
11104-28-2	Aroclor 1221	0.50	U
11141-16-5	Aroclor 1232	0.50	U
53469-21-9	Aroclor 1242	0.50	U
12672-29-6	Aroclor 1248	0.50	U
11097-69-1	Aroclor 1254	0.50	U
11096-82-5	Aroclor 1260	0.50	U

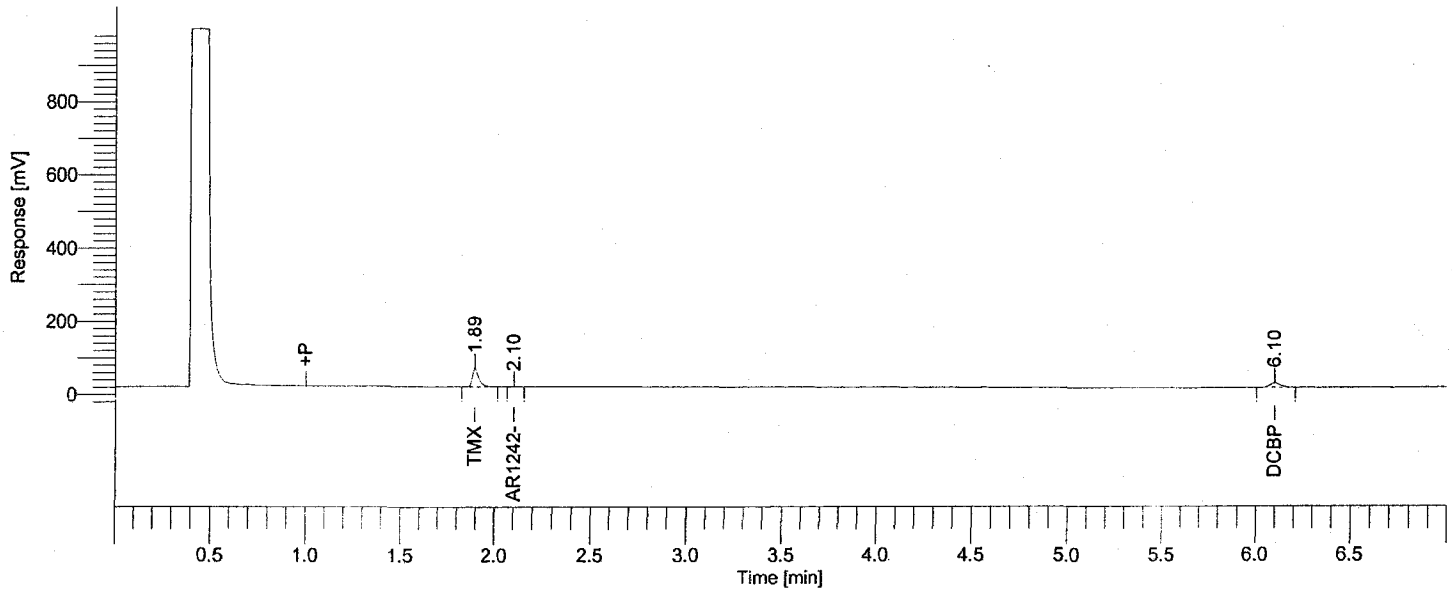
Chromatogram

Sample Name : AW60024889MBLKCU+ Sample #: A6B2133102 Page 1 of 1
FileName : H:\TURBO6\5890-12\12A46101.raw
Date : 06/21/2006 07:42:00
Method : 12DINS Time of Injection: 06/20/2006 14:10:12
Start Time : 0.00 min End Time : 7.00 min Low Point : -32.59 mV High Point : 1000.00 mV
Scale Factor: 1.0 Plot Offset: -32.59 mV Plot Scale: 1032.6 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/21/2006 07:41:59
Reprocess Number	: buf2042: 110378		
Operator	: tchrom	Sample Name	: AW60024889MBLKCU+
Sample Number	: A6B2133102	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/20/2006 14:10:12	Cycle	: 2

Raw Data File : H:\TURBO6\5890-12\12A46101.raw <Modified>
Result File : H:\TURBO6\5890-12\12A46101.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A46101.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A46101.rst
Calib Method : h:\turbo6\5890-12\12a-4-pcb(06-11-06).mth from H:\TURBO6\5890-12\12A46101.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
1	1.89	BV	117538	TMX	0.0088	-------	0
	2.10		1922	~~AR1242~~	0.0012	2.9e-04	4
3	6.10	BB	45753	DCBP	0.0090	-------	0
			165213			2.9e-04	

6/21/06

06/21/2006 07:41:59 Result: H:\TURBO6\5890-12\12A46101.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
2	2.10	VB	1922	AR1242-A	0.0075	0.0019	4
-	2.43		0	AR1242-B	0.0000	-------	-
-	2.56		0	AR1242-C	0.0000	-------	-
-	2.74		0	AR1242-D	0.0000	-------	-
			1922			0.0019	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.98		0	AR1248-A	0.0000	-------	-
-	3.14		0	AR1248-B	0.0000	-------	-
-	3.23		0	AR1248-C	0.0000	-------	-
-	3.57		0	AR1248-D	0.0000	-------	-
			0			0.0000	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.81		0	AR1254-A	0.0000	-------	-
-	3.88		0	AR1254-B	0.0000	-------	-
-	4.06		0	AR1254-C	0.0000	-------	-
-	4.42		0	AR1254-D	0.0000	-------	-
			0			0.0000	

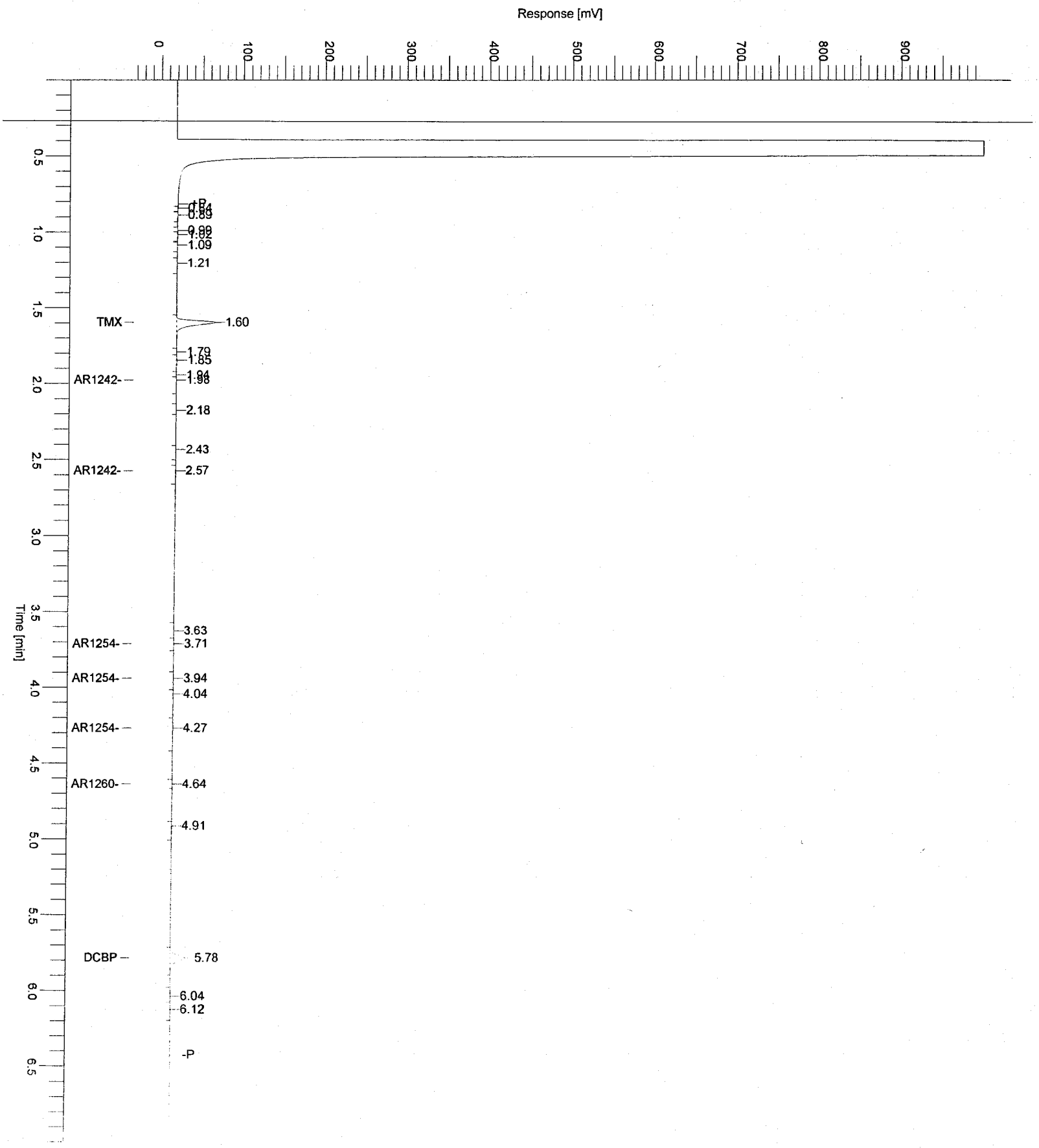
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.22		0	AR1260-A	0.0000	-------	-
-	4.89		0	AR1260-B	0.0000	-------	-
-	5.11		0	AR1260-C	0.0000	-------	-
-	5.54		0	AR1260-D	0.0000	-------	-
			0			0.0000	

6/21/06
GAD

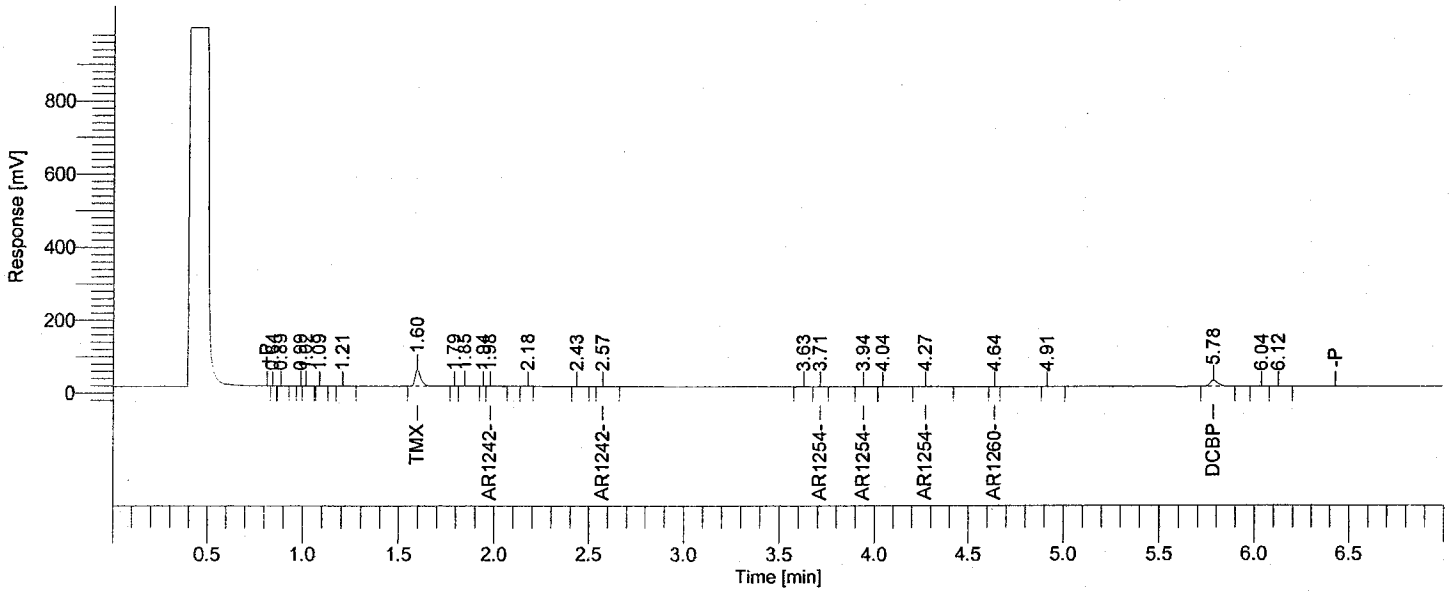
Chromatogram

Sample Name : AW60024889MBLKCU+ Sample #: A6B2133102 Page 1 of 1
FileName : H:\TURBO6\5890-12\12B46101.raw
Date : 06/21/2006 07:42:03
Method : 12DINS Time of Injection: 06/20/2006 14:10:12
Start Time : 0.00 min End Time : 7.00 min Low Point : -33.04 mV High Point : 1000.00 mV
Scale Factor: 1.0 Plot Offset: -33.04 mV Plot Scale: 1033.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/21/2006 07:42:02
Reprocess Number	: buf2042: 110379		
Operator	: tchrom	Sample Name	: AW60024889MBLKCU+
Sample Number	: A6B2133102	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/20/2006 14:10:12	Cycle	: 2

Raw Data File : H:\TURBO6\5890-12\12B46101.raw <Modified>
Result File : H:\TURBO6\5890-12\12B46101.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B46101.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B46101.rst
Calib Method : h:\turbo6\5890-12\12b-4-pcb(06-11-06).mth from H:\TURBO6\5890-12\12B46101.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
7	1.60	BB	97895	TMX	0.0155	-------	0
	2.57		1379	~~AR1242~~	0.0018	4.4e-04	4
	4.27		1591	~~AR1254~~	0.0011	2.9e-04	4
22	5.78	BB	50488	DCBP	0.0131	-------	0
			151353			7.3e-04	

6/21/06

06/21/2006 07:42:02 Result: H:\TURBO6\5890-12\12B46101.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
11	1.98	VB	594	AR1242-A	0.0054	0.0014	4
-	2.25		0	AR1242-B	0.0000	-------	-
14	2.57	VB	785	AR1242-C	0.0024	5.9e-04	4
-	2.64		0	AR1242-D	0.0000	-------	-
			1379			0.0019	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.98		0	AR1248-A	0.0000	-------	-
-	3.07		0	AR1248-B	0.0000	-------	-
-	3.20		0	AR1248-C	0.0000	-------	-
-	3.24		0	AR1248-D	0.0000	-------	-
			0			0.0000	

4/21/06

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
16	3.71	VB	438	AR1254-A	0.0011	2.6e-04	4
-	3.83		0	AR1254-B	0.0000	-------	-
17	3.94	BB	306	AR1254-C	0.0018	4.5e-04	4
19	4.27	VB	848	AR1254-D	0.0027	6.6e-04	4
			1591			0.0014	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.51		0	AR1260-A	0.0000	-------	-
20	4.64	BB	101	AR1260-B	-0.0203	-5e-03	4
-	5.25		0	AR1260-C	0.0000	-------	-
-	5.30		0	AR1260-D	0.0000	-------	-
			101			-5e-03	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

Method Blank

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix: (soil/water) WATER Lab Sample ID: A6B2133302

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 12B46103.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: _____ _____

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 06/19/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/20/2006

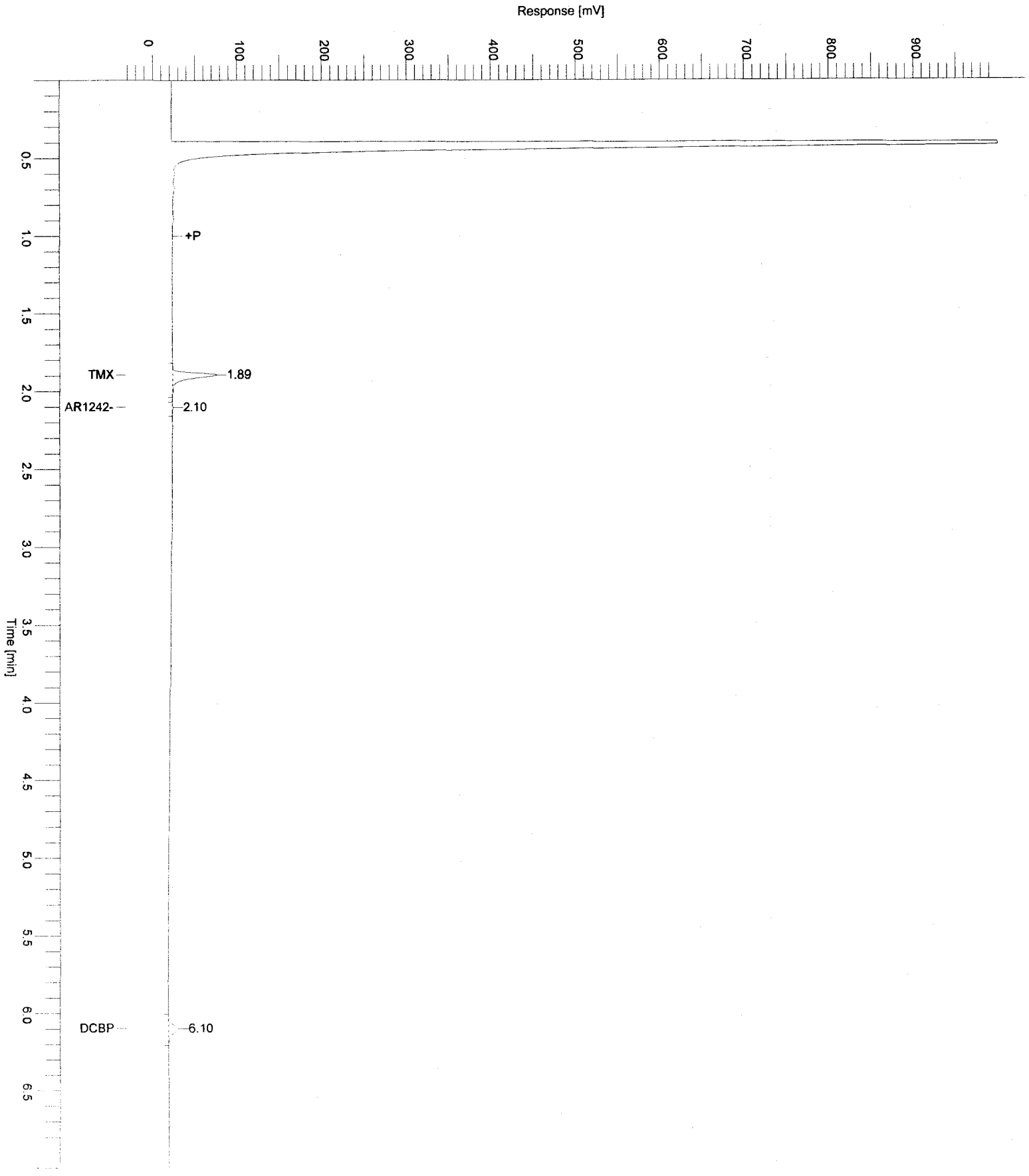
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.50	U
11104-28-2	Aroclor 1221	0.50	U
11141-16-5	Aroclor 1232	0.50	U
53469-21-9	Aroclor 1242	0.50	U
12672-29-6	Aroclor 1248	0.50	U
11097-69-1	Aroclor 1254	0.50	U
11096-82-5	Aroclor 1260	0.50	U

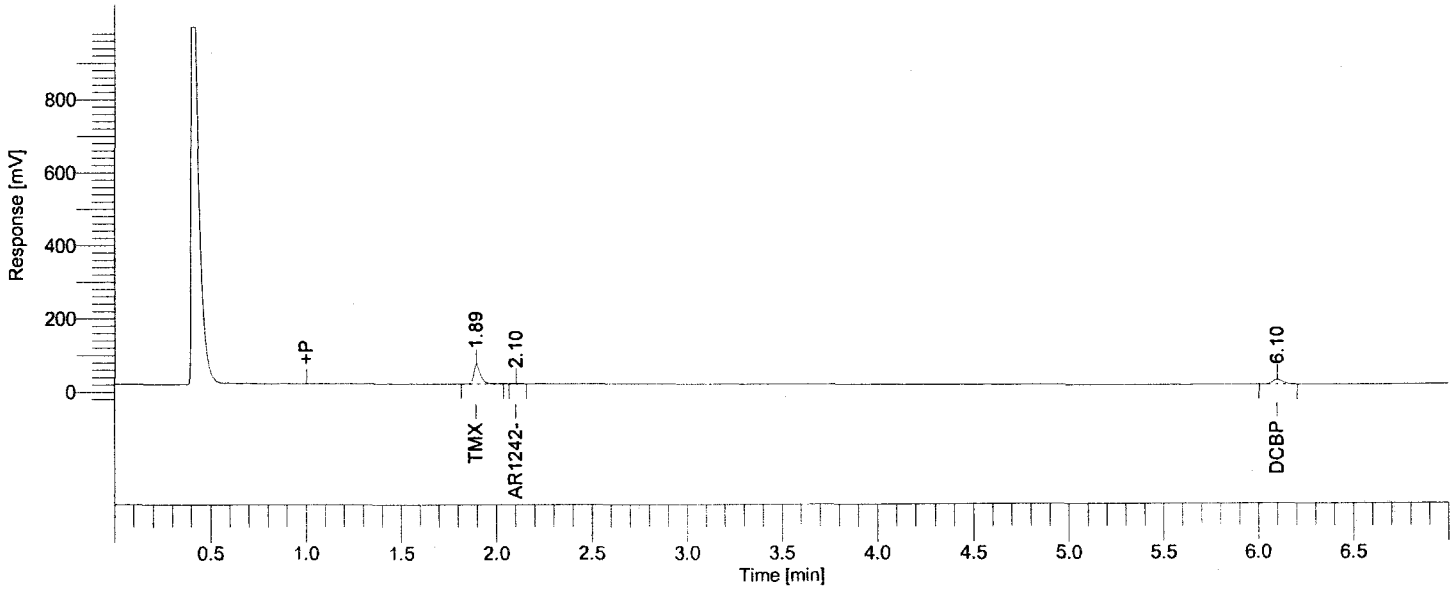
Chromatogram

Sample Name : AW60024900MBLK Sample #: A6B2133302 Page 1 of 1
FileName : H:\TURBO6\5890-12\12A46103.raw
Date : 06/20/2006 22:48:58
Method : 12DINS Time of Injection: 06/20/2006 14:49:37
Start Time : 0.00 min End Time : 7.00 min Low Point : -32.03 mV High Point : 1000.00 mV
Scale Factor: 1.0 Plot Offset: -32.03 mV Plot Scale: 1032.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/20/2006 22:48:57
Reprocess Number	: buf2048: 42811		
Operator	: tchrom	Sample Name	: AW60024900MBLK
Sample Number	: A6B2133302	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/20/2006 14:49:37	Cycle	: 4

Raw Data File : H:\TURBO6\5890-12\12A46103.raw <Modified>
Result File : H:\TURBO6\5890-12\12A46103.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A46103.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A46103.rst
Calib Method : h:\turbo6\5890-12\12a-4-pcb(06-11-06).mth from H:\TURBO6\5890-12\12A46103.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
1	1.89	BV	125842	TMX	0.0095	-------	0
	2.10		1922	~~AR1242~~	0.0012	2.9e-04	4
3	6.10	BB	44538	DCBP	0.0087	-------	0
			172303			2.9e-04	

4/21/06

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
2	2.10	VB	1922	AR1242-A	0.0075	0.0019	4
-	2.43		0	AR1242-B	0.0000	-------	-
-	2.56		0	AR1242-C	0.0000	-------	-
-	2.74		0	AR1242-D	0.0000	-------	-
			1922			0.0019	

06/20/2006 22:48:57 Result: H:\TURBO6\5890-12\12A46103.rst

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.98		0	AR1248-A	0.0000	-------	-
-	3.14		0	AR1248-B	0.0000	-------	-
-	3.23		0	AR1248-C	0.0000	-------	-
-	3.57		0	AR1248-D	0.0000	-------	-
			0			0.0000	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.81		0	AR1254-A	0.0000	-------	-
-	3.88		0	AR1254-B	0.0000	-------	-
-	4.06		0	AR1254-C	0.0000	-------	-
-	4.42		0	AR1254-D	0.0000	-------	-
			0			0.0000	

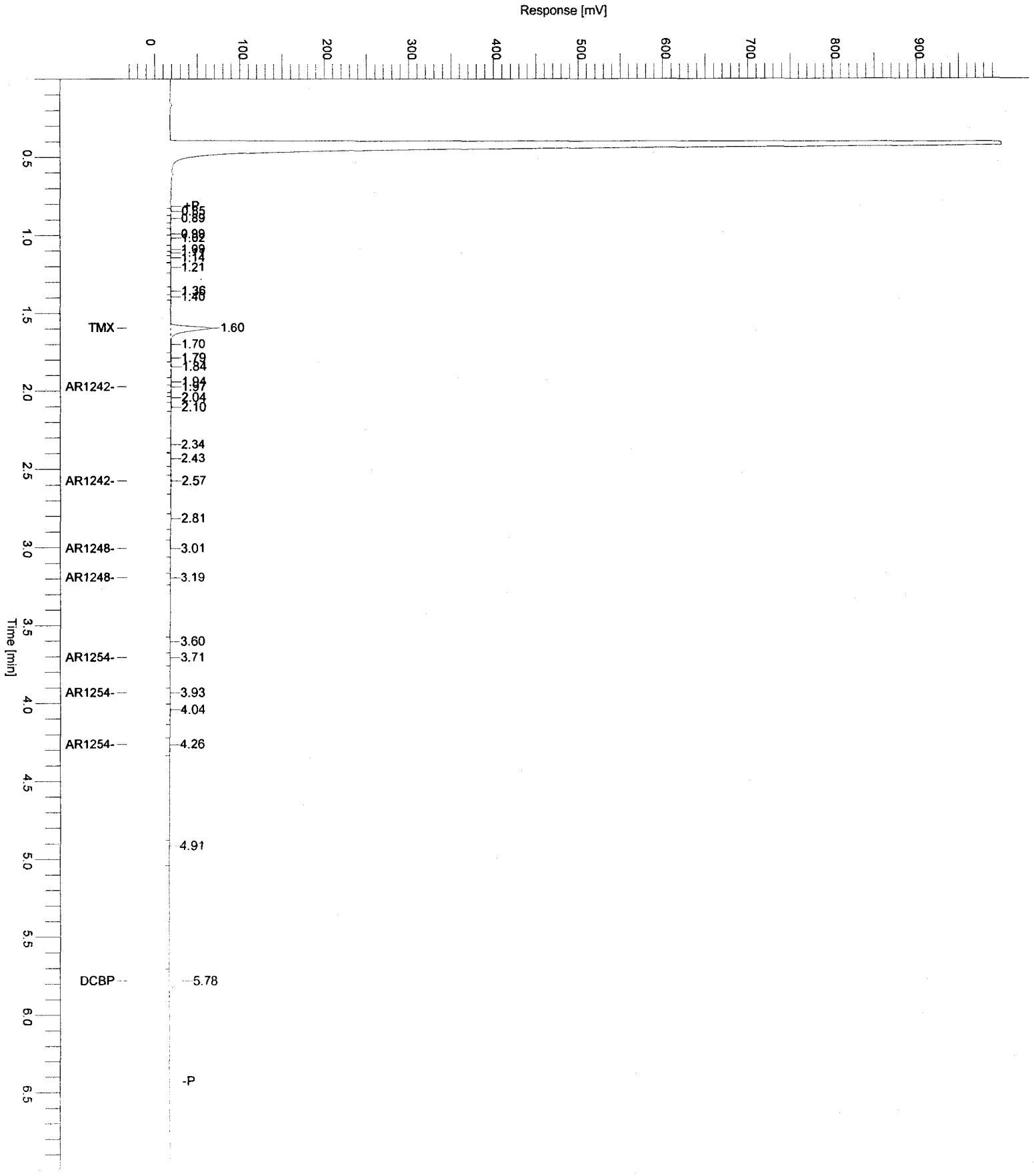
6/21/06 BRD

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.22		0	AR1260-A	0.0000	-------	-
-	4.89		0	AR1260-B	0.0000	-------	-
-	5.11		0	AR1260-C	0.0000	-------	-
-	5.54		0	AR1260-D	0.0000	-------	-
			0			0.0000	

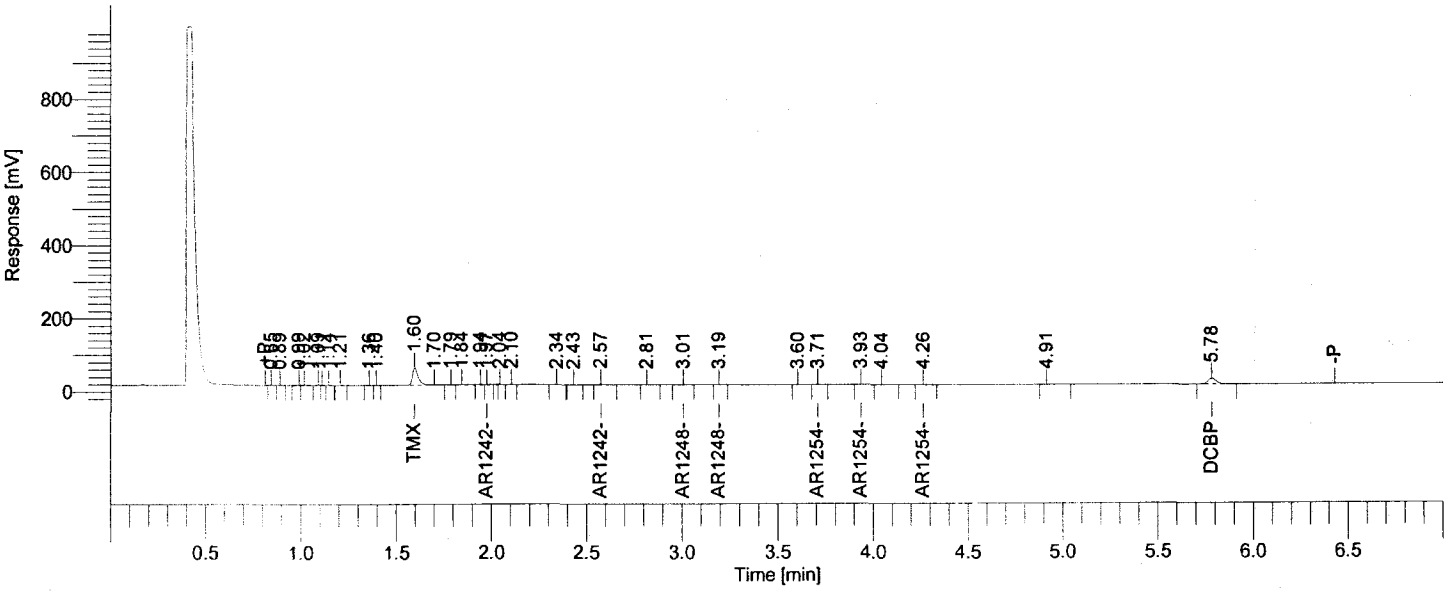
Chromatogram

Sample Name : AW60024900MBLK Sample #: A6B2133302 Page 1 of 1
FileName : H:\TURBO6\5890-12\12B46103.raw
Date : 06/20/2006 22:49:03
Method : 12DINS Time of Injection: 06/20/2006 14:49:37
Start Time : 0.00 min End Time : 7.00 min Low Point : -33.08 mV High Point : 1000.00 mV
Scale Factor: 1.0 Plot Offset: -33.08 mV Plot Scale: 1033.1 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/20/2006 22:49:02
Reprocess Number	: buf2048: 42812		
Operator	: tchrom	Sample Name	: AW60024900MBLK
Sample Number	: A6B2133302	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/20/2006 14:49:37	Cycle	: 4

Raw Data File : H:\TURBO6\5890-12\12B46103.raw <Modified>
Result File : H:\TURBO6\5890-12\12B46103.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B46103.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B46103.rst
Calib Method : h:\turbo6\5890-12\12b-4-pcb(06-11-06).mth from H:\TURBO6\5890-12\12B46103.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
11	1.60	VE	98025	TMX	0.0155	-------	0
	2.57		2380	AR1242	0.0031	7.6e-04	4
	4.26		1107	AR1254	8.0e-04	2.0e-04	4
31	5.78	BB	47789	DCBP	0.0124	-------	0
			149302			9.6e-04	

6/21/06 BAD

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
16	1.97	VV	712	AR1242-A	0.0065	0.0016	4
-	2.25		0	AR1242-B	0.0000	-------	-
21	2.57	VB	1668	AR1242-C	0.0050	0.0013	4
-	2.64		0	AR1242-D	0.0000	-------	-
			2380			0.0029	

06/20/2006 22:49:02 Result: H:\TURBO6\5890-12\12B46103.rst

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
23	3.01	BB	278	AR1248-A	0.0011	2.8e-04	4
-	3.07		0	AR1248-B	0.0000	-------	-
24	3.19	BB	111	AR1248-C	3.6e-04	9.0e-05	4
-	3.24		0	AR1248-D	0.0000	-------	-
			389			3.7e-04	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
26	3.71	VB	314	AR1254-A	7.6e-04	1.9e-04	4
-	3.83		0	AR1254-B	0.0000	-------	-
27	3.93	BV	351	AR1254-C	0.0021	5.2e-04	4
29	4.26	VB	442	AR1254-D	0.0014	3.5e-04	4
			1107			0.0011	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.51		0	AR1260-A	0.0000	-------	-
-	4.64		0	AR1260-B	0.0000	-------	-
-	5.25		0	AR1260-C	0.0000	-------	-
-	5.30		0	AR1260-D	0.0000	-------	-
			0			0.0000	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

Method Blank

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix: (soil/water) WATER Lab Sample ID: A6B2179903

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 12B47027.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: _____ _____

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 06/27/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/28/2006

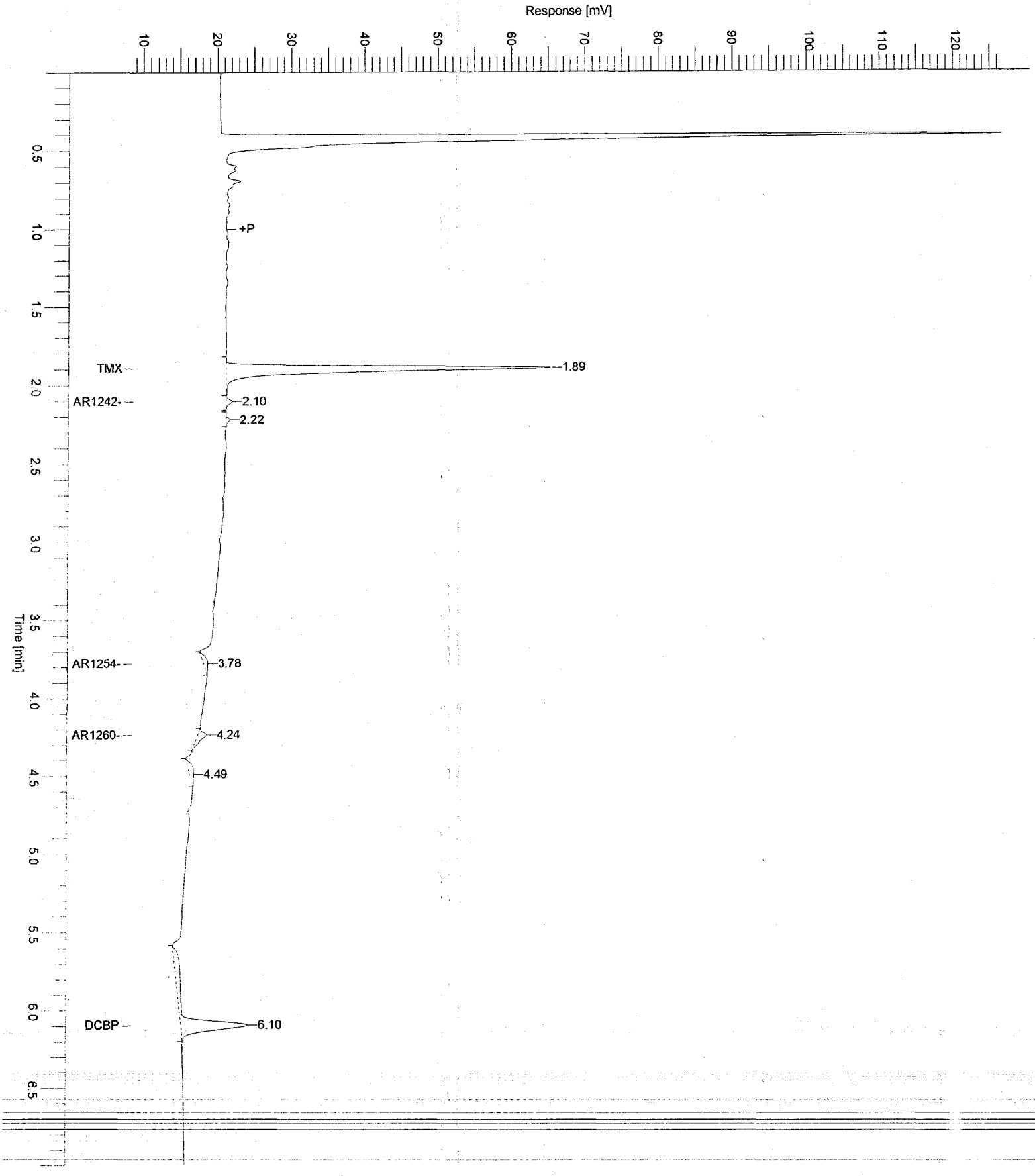
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.50	U
11104-28-2	Aroclor 1221	0.50	U
11141-16-5	Aroclor 1232	0.50	U
53469-21-9	Aroclor 1242	0.50	U
12672-29-6	Aroclor 1248	0.50	U
11097-69-1	Aroclor 1254	0.50	U
11096-82-5	Aroclor 1260	0.50	U

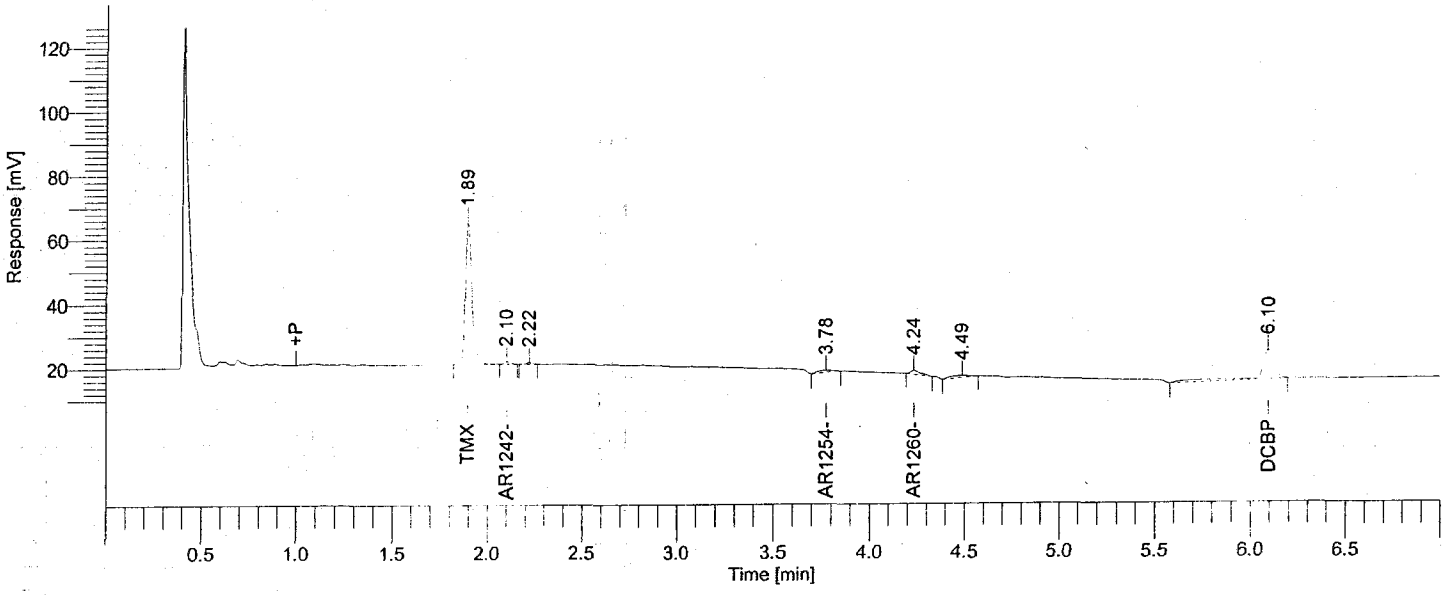
Chromatogram

Sample Name : AW60025542MBLKCU+ Sample #: A6B2179903 Page 1 of 1
FileName : H:\TURBO6\5890-12\12A47027.raw
Date : 06/28/2006 13:45:09
Method : 12DINS Time of Injection: 06/28/2006 11:38:15
Start Time : 0.00 min End Time : 7.00 min Low Point : 8.82 mV High Point : 126.75 mV
Scale Factor: 1.0 Plot Offset: 8.82 mV Plot Scale: 117.9 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/28/2006 13:45:08
Reprocess Number	: buf2042: 111414		
Operator	: tchrom	Sample Name	: AW60025542MBLKCU+
Sample Number	: A6B2179903	Study	: STA00490
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/28/2006 11:38:15	Cycle	: 3

Raw Data File : H:\TURBO6\5890-12\12A47027.raw <Modified>
Result File : H:\TURBO6\5890-12\12A47027.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A47027.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A47027.rst
Calib Method : h:\turbo6\5890-12\12a-4-pcb(06-11-06).mth from H:\TURBO6\5890-12\12A47027.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D47.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
1	1.89	BV	108396	TMX	0.0079	-------	0
	2.10		1884	AR1242	0.0011	2.9e-04	4
	3.78		3315	AR1254	0.0015	3.8e-04	4
	4.24		4399	AR1260	-0.0338	-8e-03	4
7	6.10	BB	46389	DCBP	0.0091	-------	0
			164383			-8e-03	

6/28/06

06/28/2006 13:45:08 Result: H:\TURBO6\5890-12\12A47027.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
2	2.10	VB	1884	AR1242-A	0.0073	0.0018	4
-	2.43		0	AR1242-B	0.0000	-------	-
-	2.56		0	AR1242-C	0.0000	-------	-
-	2.74		0	AR1242-D	0.0000	-------	-
			1884			0.0018	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	2.98		0	AR1248-A	0.0000	-------	-
-	3.14		0	AR1248-B	0.0000	-------	-
-	3.23		0	AR1248-C	0.0000	-------	-
-	3.57		0	AR1248-D	0.0000	-------	-
			0			0.0000	

6/28/06

Group Report For : AR1254

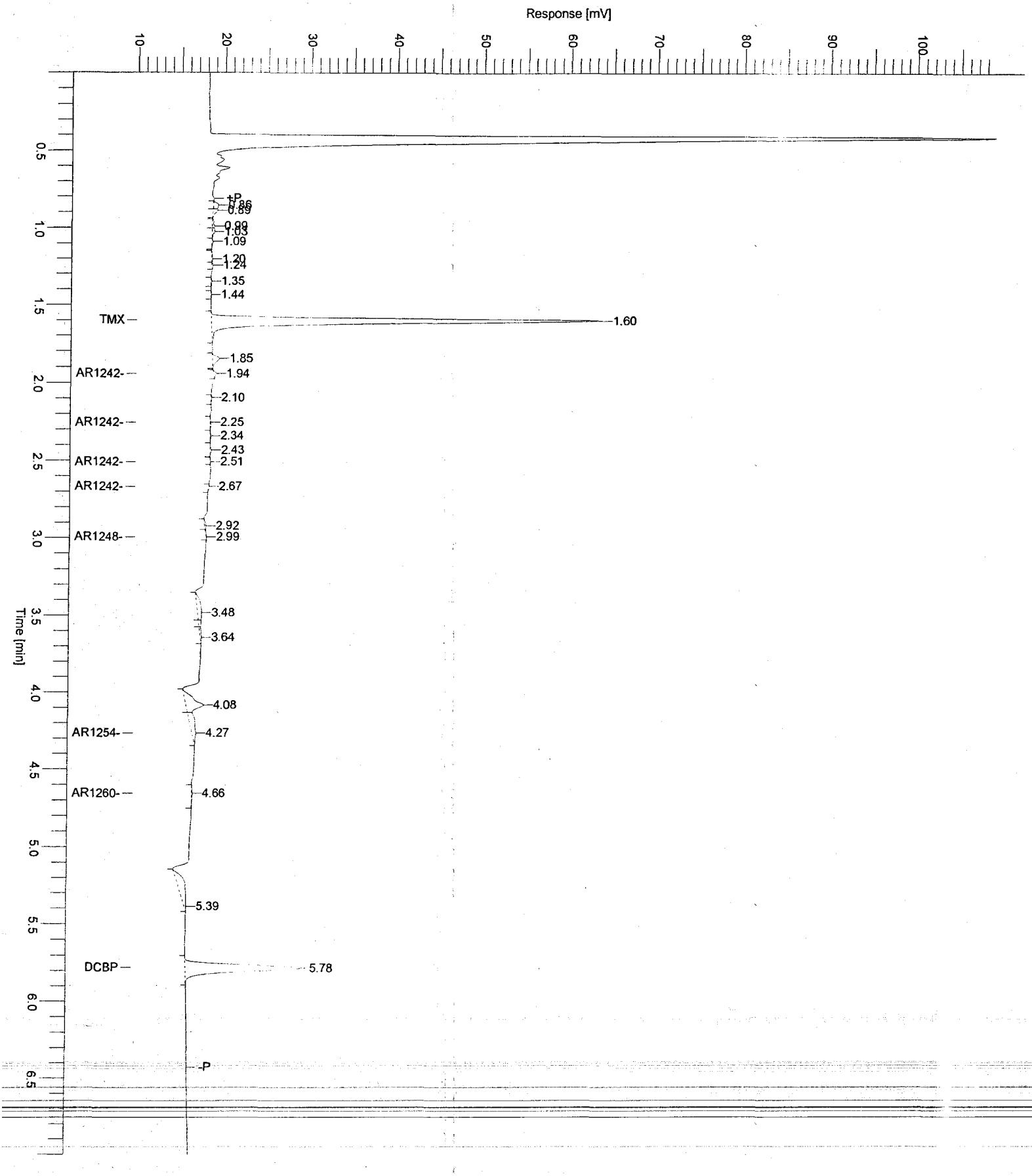
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
4	3.78	BB	3315	AR1254-A	0.0071	0.0018	4
-	3.88		0	AR1254-B	0.0000	-------	-
-	4.06		0	AR1254-C	0.0000	-------	-
-	4.42		0	AR1254-D	0.0000	-------	-
			3315			0.0018	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
5	4.24	BB	4399	AR1260-A	-0.0401	-0.0100	4
-	4.89		0	AR1260-B	0.0000	-------	-
-	5.11		0	AR1260-C	0.0000	-------	-
-	5.54		0	AR1260-D	0.0000	-------	-
			4399			-0.0100	

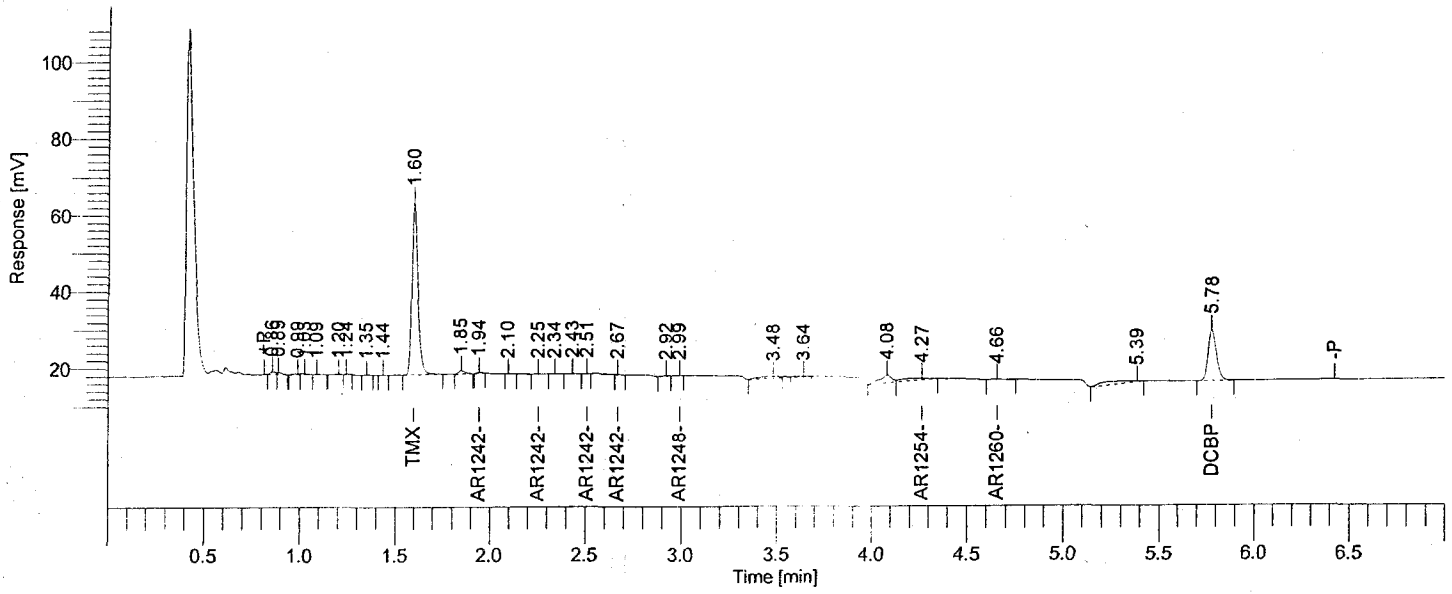
Chromatogram

Sample Name : AW60025542MBLKCU+ Sample #: A6B2179903 Page 1 of 1
FileName : H:\TURBO6\5890-12\12B47027.raw
Date : 06/28/2006 13:45:13
Method : 12DINS Time of Injection: 06/28/2006 11:38:15
Start Time : 0.00 min End Time : 7.00 min Low Point : 9.97 mV High Point : 108.96 mV
Scale Factor: 1.0 Plot Offset: 9.97 mV Plot Scale: 99.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/28/2006 13:45:11
Reprocess Number	: buf2042: 111415		
Operator	: tchrom	Sample Name	: AW60025542MBLKCU+
Sample Number	: A6B2179903	Study	: STA00490
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/28/2006 11:38:15	Cycle	: 3

Raw Data File : H:\TURBO6\5890-12\12B47027.raw <Modified>
Result File : H:\TURBO6\5890-12\12B47027.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B47027.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B47027.rst
Calib Method : h:\turbo6\5890-12\12b-4-pcb(06-11-06).mth from H:\TURBO6\5890-12\12B47027.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D47.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
10	1.60	BB	98527	TMX	0.0156	-------	0
	4.27		5587	~~AR1254~~	0.0040	0.0010	4
27	5.78	BB	39737	DCBP	0.0101	-------	0
			143851			0.0010	

6/28/06

06/28/2006 13:45:11 Result: H:\TURBO6\5890-12\12B47027.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
12	1.94	BB	508	AR1242-A	0.0046	0.0012	4
14	2.25	BV	229	AR1242-B	0.0011	2.8e-04	4
17	2.51	BB	65	AR1242-C	1.9e-04	4.9e-05	4
18	2.67	BB	100	AR1242-D	7.5e-04	1.9e-04	4
			902			0.0017	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
20	2.99	VB	183	AR1248-A	7.4e-04	1.8e-04	4
-	3.07		0	AR1248-B	0.0000	-------	-
-	3.20		0	AR1248-C	0.0000	-------	-
-	3.24		0	AR1248-D	0.0000	-------	-
			183			1.8e-04	

4/28/06

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	3.71		0	AR1254-A	0.0000	-------	-
-	3.83		0	AR1254-B	0.0000	-------	-
-	3.95		0	AR1254-C	0.0000	-------	-
24	4.27	VB	5587	AR1254-D	0.0175	0.0044	4
			5587			0.0044	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
-	4.51		0	AR1260-A	0.0000	-------	-
25	4.66	BB	392	AR1260-B	-0.0195	-5e-03	4
-	5.25		0	AR1260-C	0.0000	-------	-
-	5.30		0	AR1260-D	0.0000	-------	-
			392			-5e-03	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

Matrix Spike Blank

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix: (soil/water) WATER Lab Sample ID: A6B2133101

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 12B46100.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: _____ _____

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 06/19/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/20/2006

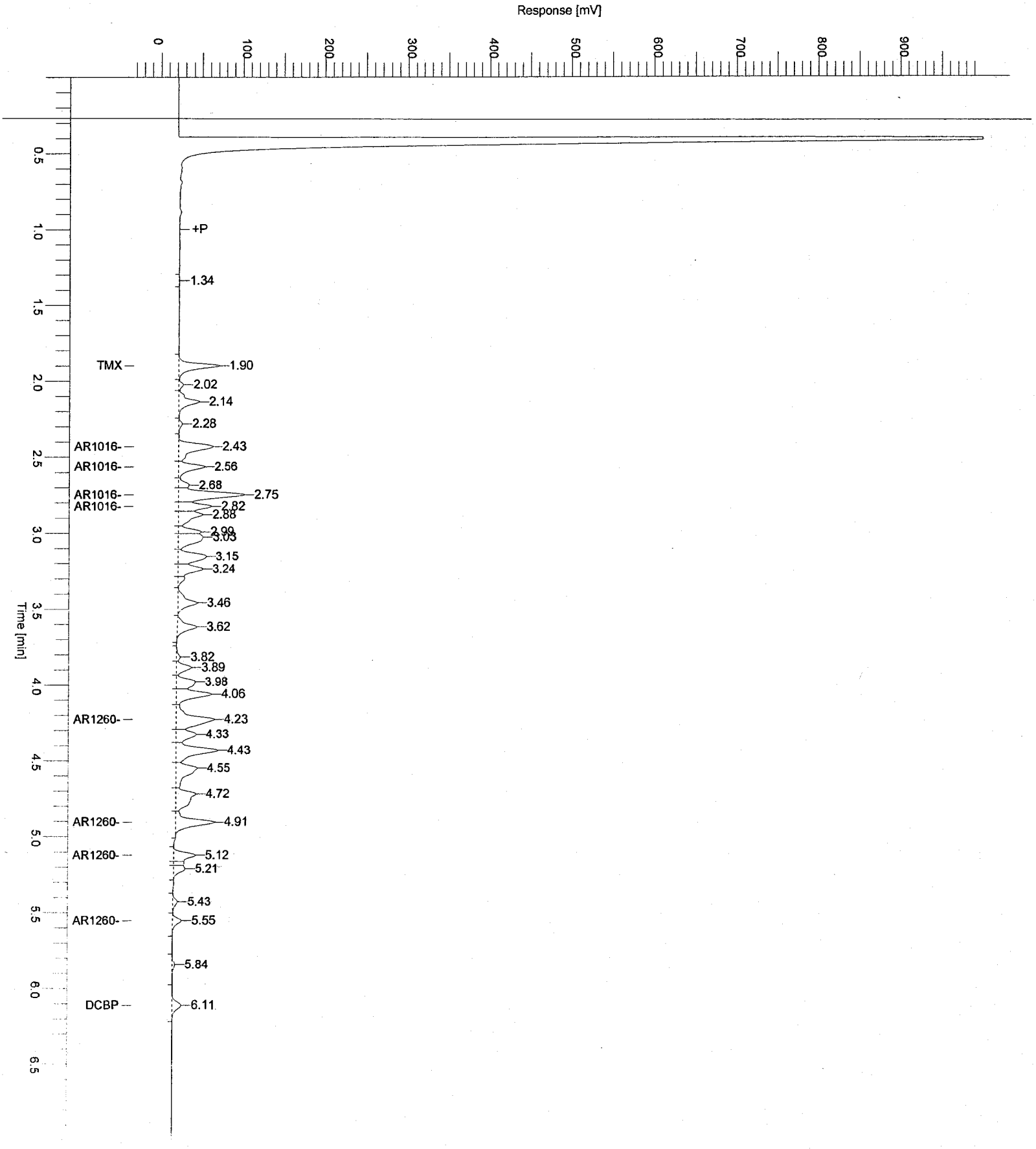
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	4.4	
11104-28-2	Aroclor 1221	0.50	U
11141-16-5	Aroclor 1232	0.50	U
53469-21-9	Aroclor 1242	0.50	U
12672-29-6	Aroclor 1248	0.50	U
11097-69-1	Aroclor 1254	0.50	U
11096-82-5	Aroclor 1260	4.5	

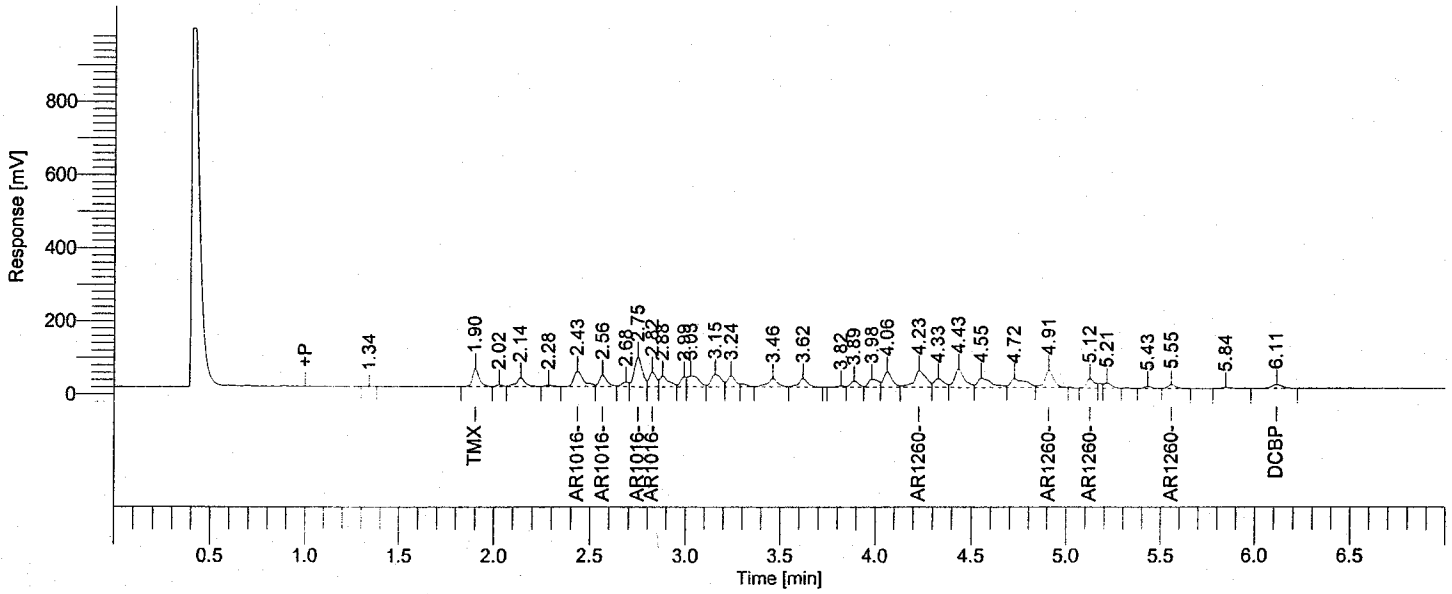
Chromatogram

Sample Name : AW60024888MSBCU+ Sample #: A6B2133101 Page 1 of 1
FileName : H:\TURBO6\5890-12\12A46100.raw
Date : 06/21/2006 07:41:55
Method : 12DINS Time of Injection: 06/20/2006 13:50:25
Start Time : 0.00 min End Time : 7.00 min Low Point : -32.62 mV High Point : 1000.00 mV
Scale Factor: 1.0 Plot Offset: -32.62 mV Plot Scale: 1032.6 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/21/2006 07:41:54
Reprocess Number	: buf2042: 110376		
Operator	: tchrom	Sample Name	: AW60024888MSBCU+
Sample Number	: A6B2133101	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/20/2006 13:50:25	Cycle	: 1

Raw Data File : H:\TURBO6\5890-12\12A46100.raw <Modified>
Result File : H:\TURBO6\5890-12\12A46100.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A46100.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A46100.rst
Calib Method : h:\turbo6\5890-12\12a-66(06-11-06).mth from H:\TURBO6\5890-12\12A46100.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
2	1.90	BV	123425	TMX	0.0093	------	0
	2.75		578932	AR1016	0.2893	0.0723	4
	4.91		454090	AR1260	0.3162	0.0790	4
33	6.11	VB	38846	DCBP	0.0072	-------	0
			1195293			0.1514	

6/21/06

06/21/2006 07:41:54 Result: H:\TURBO6\5890-12\12A46100.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
6	2.43	VV	148839	AR1016-A	0.2828	0.0707	4
7	2.56	VV	88399	AR1016-B	0.2841	0.0710	4
9	2.75	VV	239081	AR1016-C	0.2897	0.0724	4
10	2.82	VV	102612	AR1016-D	0.3023	0.0756	4
			578932			0.2897	

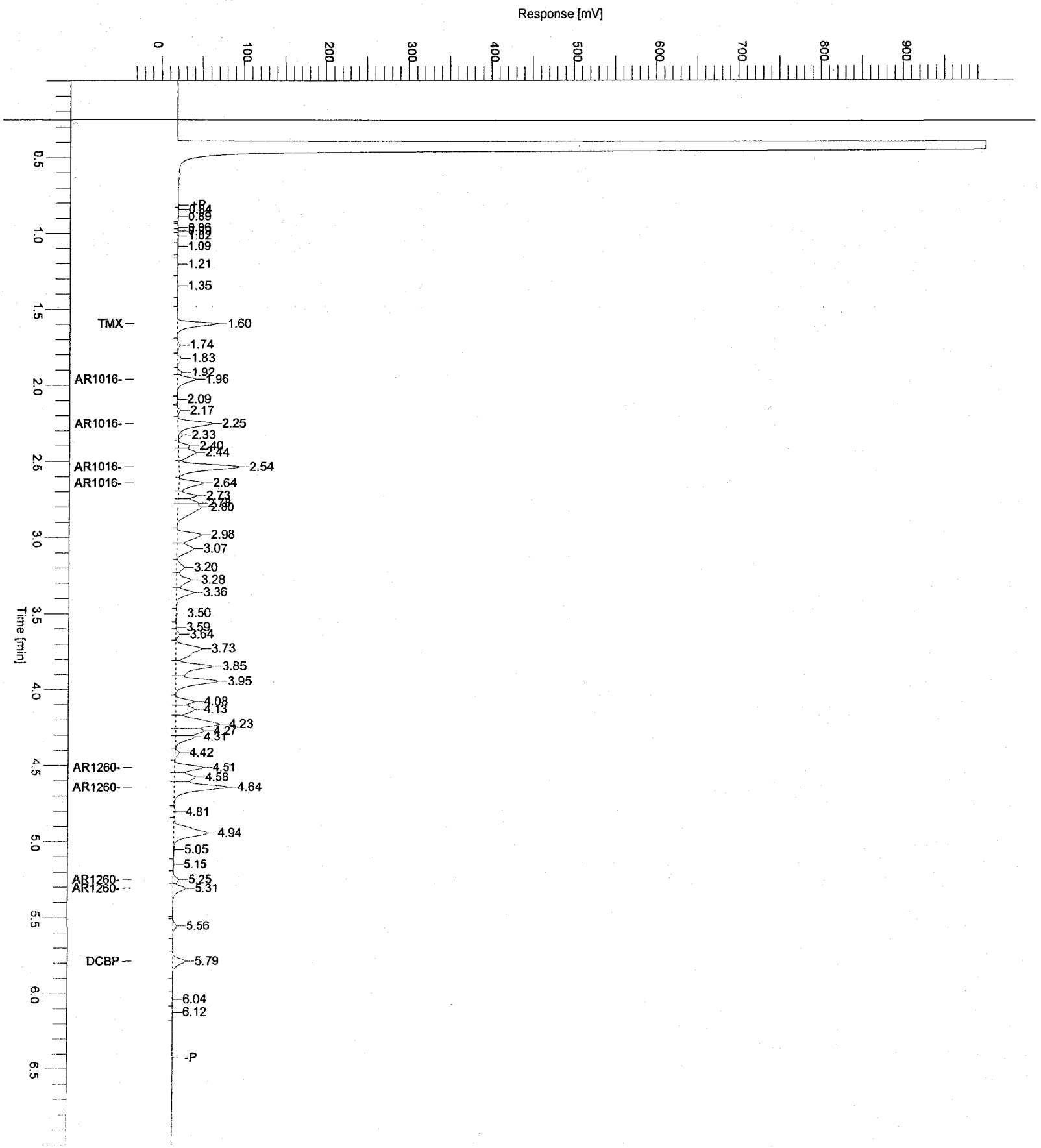
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
22	4.23	VV	196013	AR1260-A	0.3326	0.0831	4
27	4.91	VB	150607	AR1260-B	0.2868	0.0717	4
28	5.12	BV	76209	AR1260-C	0.3342	0.0836	4
31	5.55	VB	31261	AR1260-D	0.3437	0.0859	4
			454090			0.3243	

6/21/06

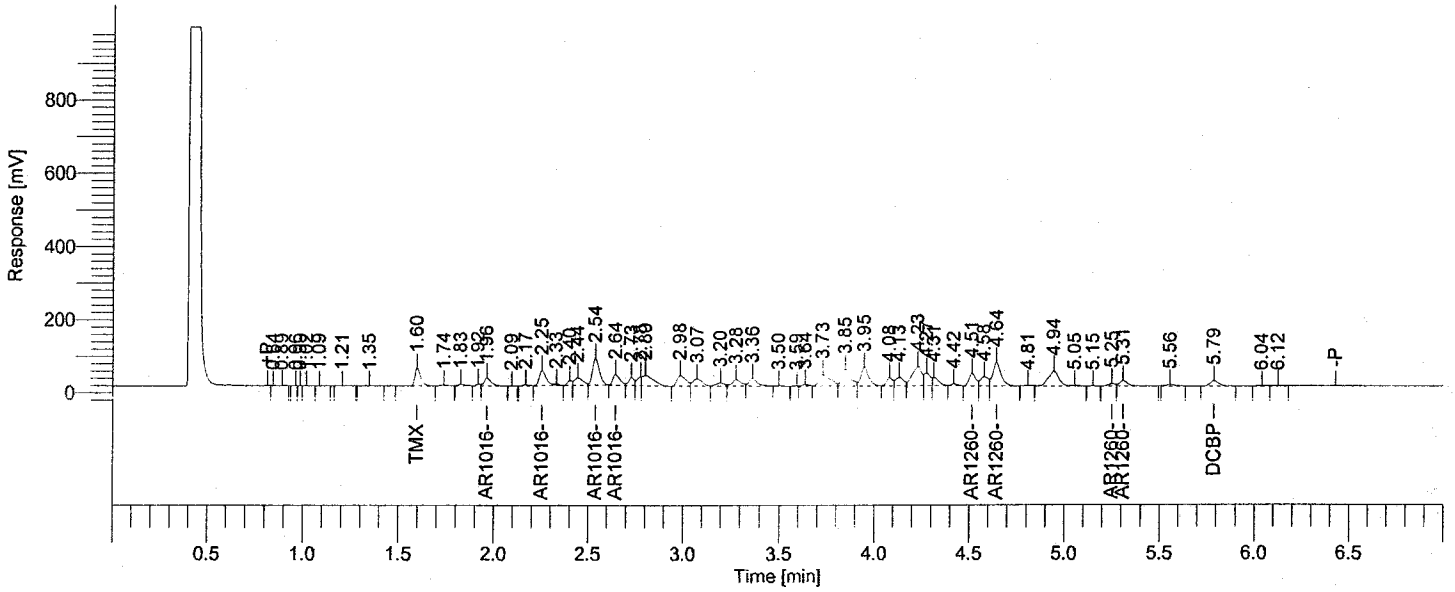
Chromatogram

Sample Name : AW60024888MSBCU+ Sample #: A6B2133101 Page 1 of 1
FileName : H:\TURBO6\5890-12\12B46100.raw
Date : 06/21/2006 07:41:58
Method : 12DINS Time of Injection: 06/20/2006 13:50:25
Start Time : 0.00 min End Time : 7.00 min Low Point : -32.61 mV High Point : 1000.00 mV
Scale Factor: 1.0 Plot Offset: -32.61 mV Plot Scale: 1032.6 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/21/2006 07:41:57
Reprocess Number	: buf2042: 110377		
Operator	: tchrom	Sample Name	: AW60024888MSBCU+
Sample Number	: A6B2133101	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/20/2006 13:50:25	Cycle	: 1

Raw Data File : H:\TURBO6\5890-12\12B46100.raw <Modified>
Result File : H:\TURBO6\5890-12\12B46100.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B46100.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B46100.rst
Calib Method : h:\turbo6\5890-12\12b-66(06-11-06).mth from H:\TURBO6\5890-12\12B46100.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
9	1.60	BB	100559	TMX	0.0159	-------	0
	2.54		428218	AR1016	0.4394	0.1098	4
	4.64		330936	AR1260	0.4753	0.1188	4
52	5.79	BB	44155	DCBP	0.0113	-------	0
			903867			0.2287	

6/21/06

06/21/2006 07:41:57 Result: H:\TURBO6\5890-12\12B46100.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
13	1.96	VB	55256	AR1016-A	0.4584	0.1146	4
16	2.25	VE	109783	AR1016-B	0.4422	0.1105	4
20	2.54	VB	187421	AR1016-C	0.4418	0.1104	4
21	2.64	BV	75758	AR1016-D	0.4177	0.1044	4
			428218			0.4400	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
42	4.51	BV	83658	AR1260-A	0.5025	0.1256	4
44	4.64	VB	190432	AR1260-B	0.4894	0.1223	4
49	5.25	BV	15528	AR1260-C	0.4067	0.1017	4
50	5.31	VB	41318	AR1260-D	0.3973	0.0993	4
			330936			0.4490	

4/21/06 BKD

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

Matrix Spike Blank

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix: (soil/water) WATER Lab Sample ID: A6B2133301

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 12B46102.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: _____ _____

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 06/19/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/20/2006

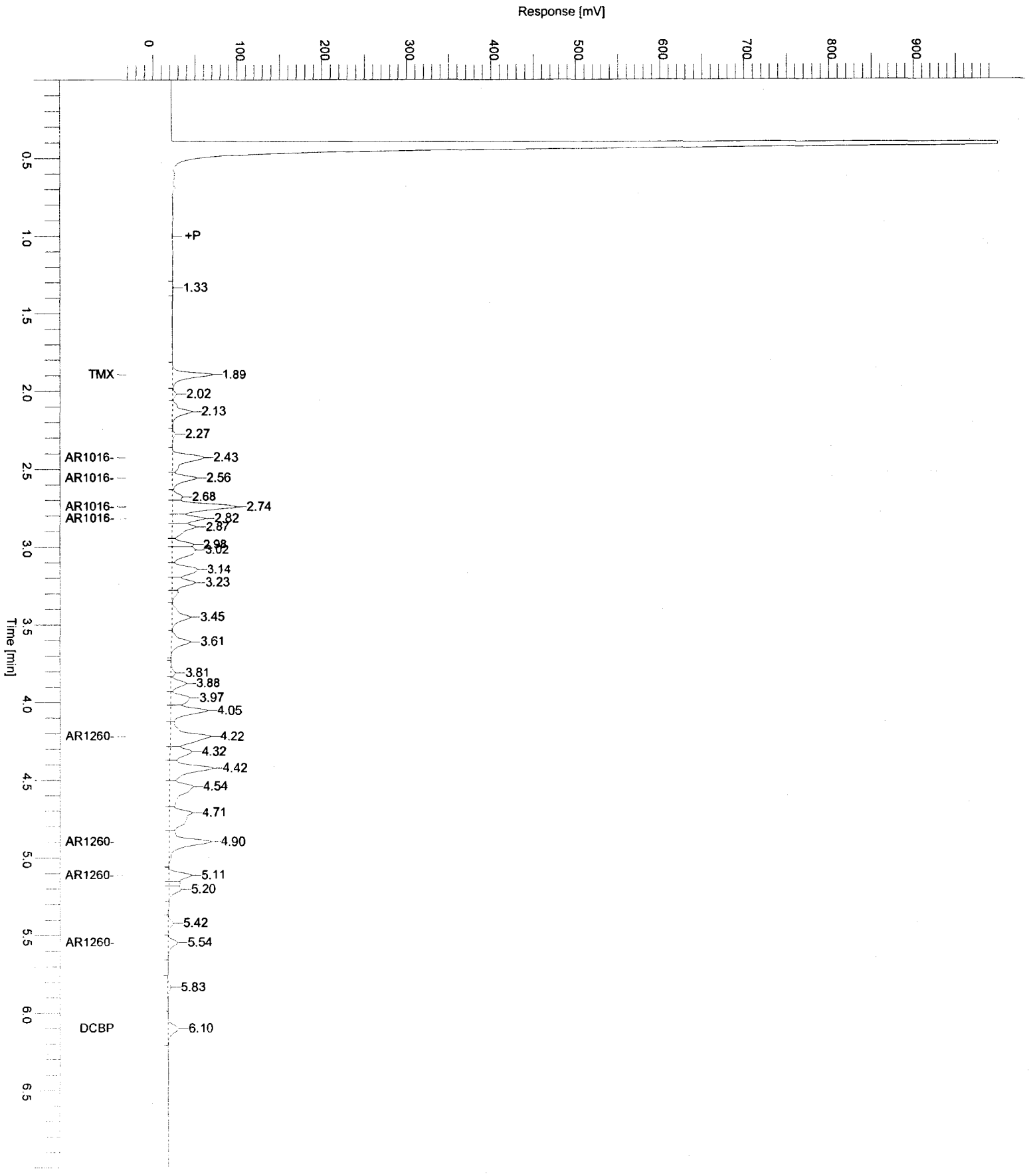
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	3.7	
11104-28-2	Aroclor 1221	0.50	U
11141-16-5	Aroclor 1232	0.50	U
53469-21-9	Aroclor 1242	0.50	U
12672-29-6	Aroclor 1248	0.50	U
11097-69-1	Aroclor 1254	0.50	U
11096-82-5	Aroclor 1260	4.2	

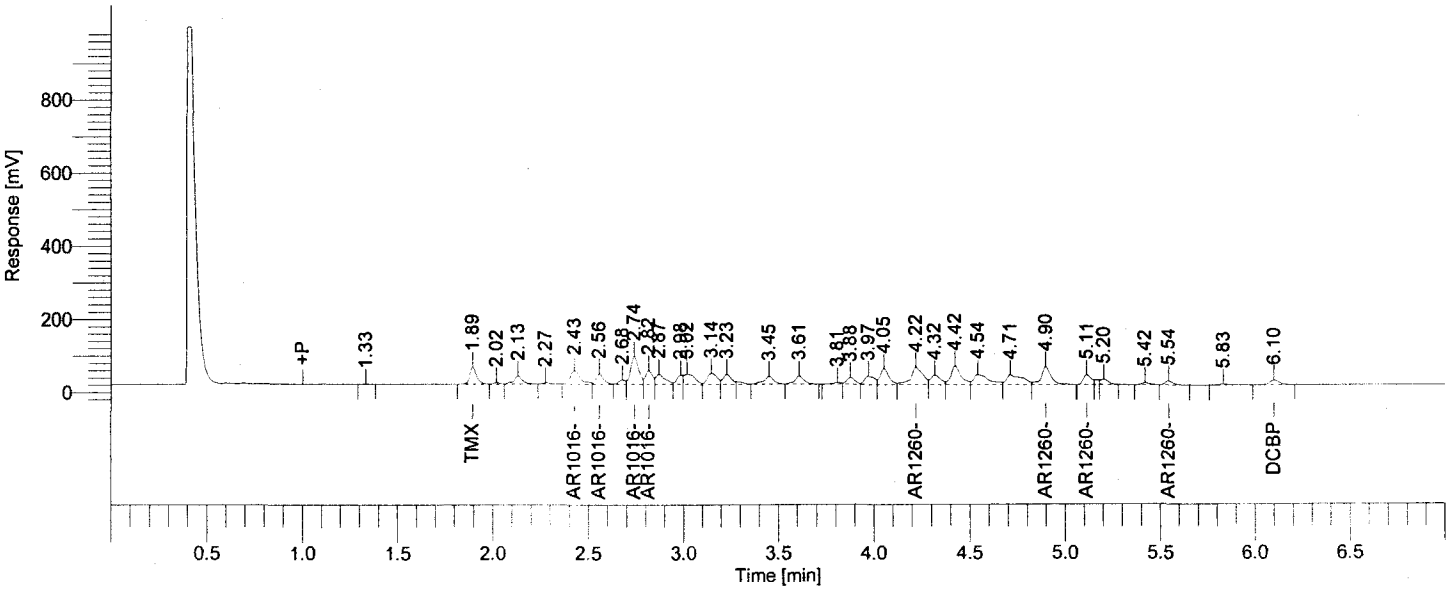
Chromatogram

Sample Name : AW60024899MSB Sample #: A6B2133301 Page 1 of 1
FileName : H:\TURBO6\5890-12\12A46102.raw
Date : 06/20/2006 22:48:48
Method : 12DINS Time of Injection: 06/20/2006 14:29:53
Start Time : 0.00 min End Time : 7.00 min Low Point : -31.99 mV High Point : 1000.00 mV
Scale Factor: 1.0 Plot Offset: -31.99 mV Plot Scale: 1032.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/20/2006 22:48:47
Reprocess Number	: buf2048: 42809		
Operator	: tchrom	Sample Name	: AW60024899MSB
Sample Number	: A6B2133301	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/20/2006 14:29:53	Cycle	: 3

Raw Data File : H:\TURBO6\5890-12\12A46102.raw <Modified>
Result File : H:\TURBO6\5890-12\12A46102.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A46102.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A46102.rst
Calib Method : h:\turbo6\5890-12\12a-66(06-11-06).mth from H:\TURBO6\5890-12\12A46102.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
2	1.89	BV	117817	TMX	0.0088	-------	0
	2.74		532959	AR1016	0.2615	0.0654	4
	4.90		493927	AR1260	0.3471	0.0868	4
33	6.10	VB	46171	DCBP	0.0091	-------	0
			1190874			0.1522	

4/21/06

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
6	2.43	BV	131682	AR1016-A	0.2404	0.0601	4
7	2.56	VV	79419	AR1016-B	0.2476	0.0619	4
9	2.74	VV	224760	AR1016-C	0.2700	0.0675	4
10	2.82	VV	97098	AR1016-D	0.2824	0.0706	4
			532959			0.2601	

06/20/2006 22:48:47 Result: H:\TURBO6\5890-12\12A46102.rst

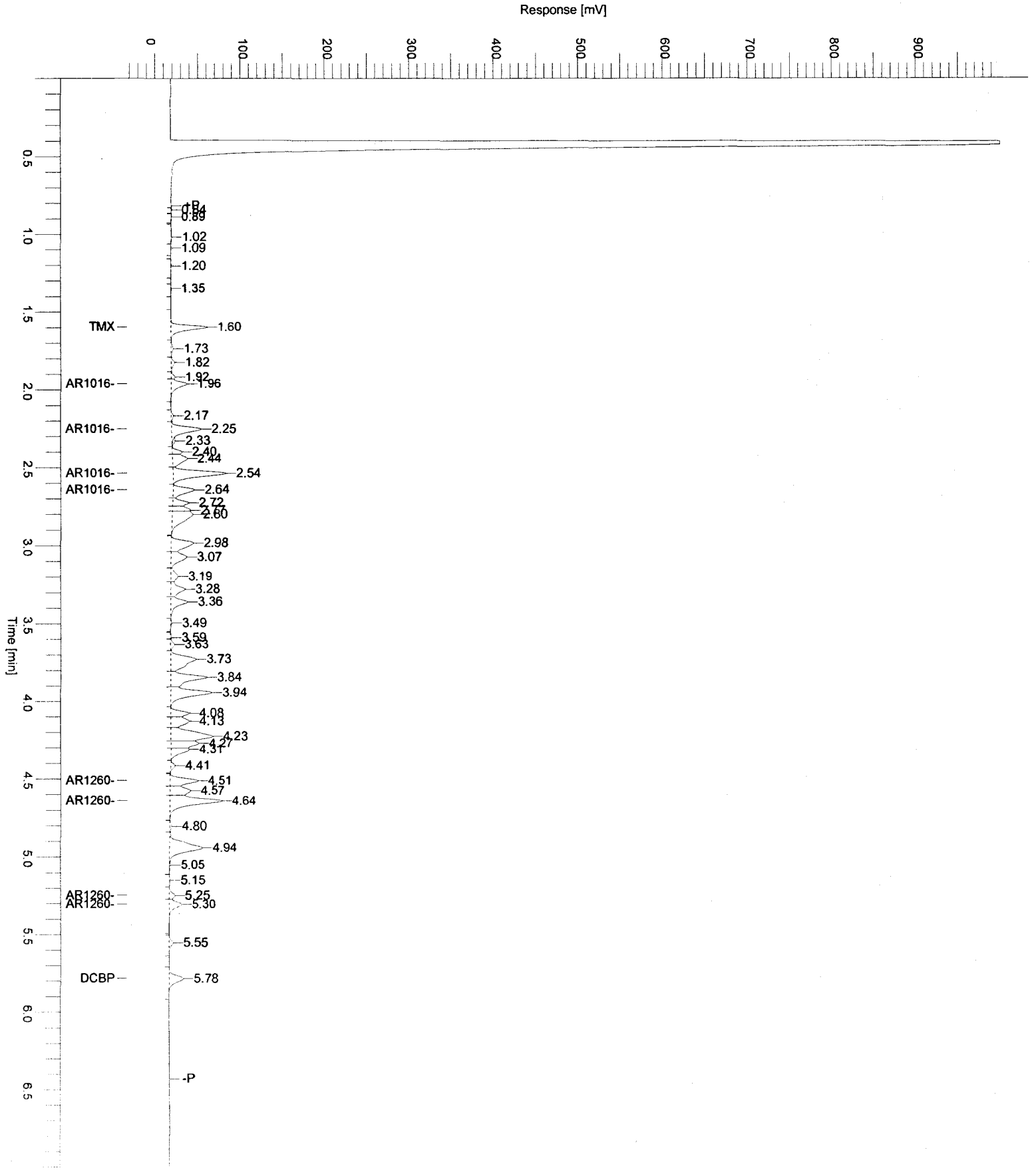
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
22	4.22	VV	206030	AR1260-A	0.3520	0.0880	4
27	4.90	VB	177065	AR1260-B	0.3410	0.0852	4
28	5.11	BV	77238	AR1260-C	0.3393	0.0848	4
31	5.54	VB	33594	AR1260-D	0.3722	0.0930	4
			493927			0.3511	

4/21/06

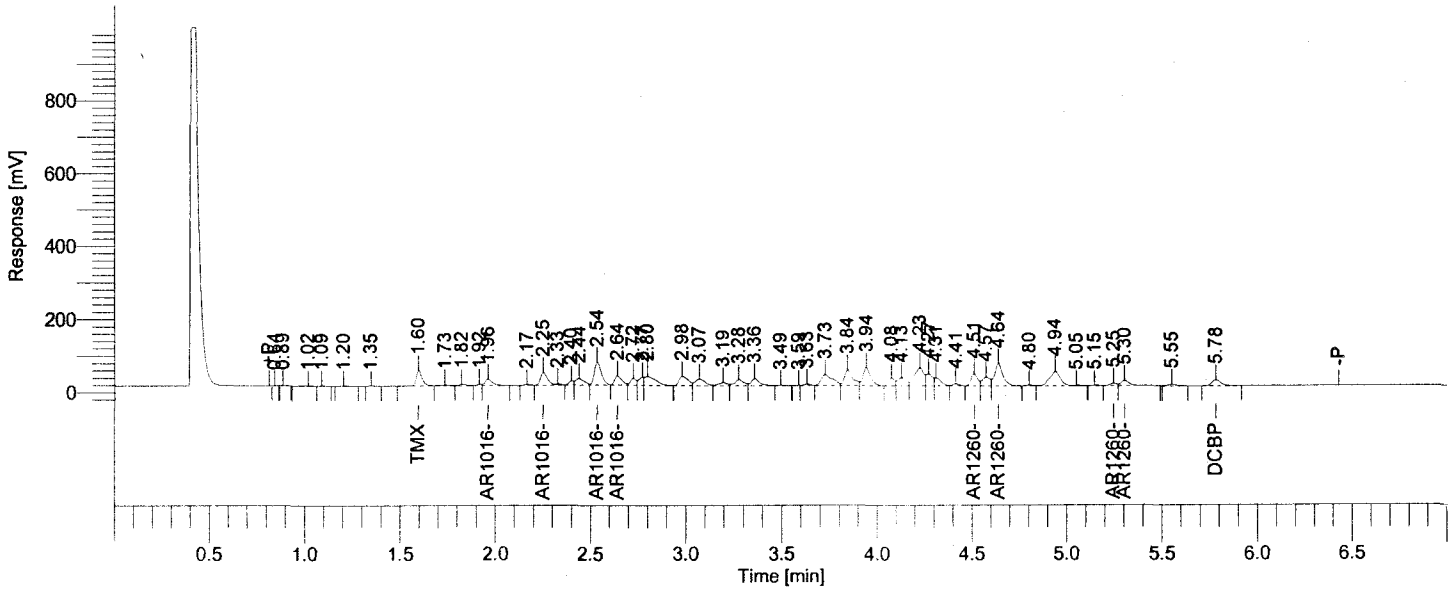
Chromatogram

Sample Name : AW60024899MSB Sample #: A6B2133301 Page 1 of 1
FileName : H:\TURBO6\5890-12\12B46102.raw
Date : 06/20/2006 22:48:53
Method : 12DINS Time of Injection: 06/20/2006 14:29:53
Start Time : 0.00 min End Time : 7.00 min Low Point : -33.02 mV High Point : 1000.00 mV
Scale Factor: 1.0 Plot Offset: -33.02 mV Plot Scale: 1033.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/20/2006 22:48:52
Reprocess Number	: buf2048: 42810		
Operator	: tchrom	Sample Name	: AW60024899MSB
Sample Number	: A6B2133301	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/20/2006 14:29:53	Cycle	: 3

Raw Data File : H:\TURBO6\5890-12\12B46102.raw <Modified>
Result File : H:\TURBO6\5890-12\12B46102.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B46102.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B46102.rst
Calib Method : h:\turbo6\5890-12\12b-66(06-11-06).mth from H:\TURBO6\5890-12\12B46102.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
7	1.60	BV	88749	TMX	0.0139	-------	0
	2.54		363065	AR1016	0.3673	0.0918	4
	4.64		313726	AR1260	0.4484	0.1121	4
49	5.78	BB	49571	DCBP	0.0129	-------	0
			815112			0.2039	

4/21/06

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
11	1.96	VB	47416	AR1016-A	0.3880	0.0970	4
13	2.25	VE	91150	AR1016-B	0.3597	0.0899	4
17	2.54	VB	159735	AR1016-C	0.3719	0.0930	4
18	2.64	BV	64765	AR1016-D	0.3534	0.0884	4
			363065			0.3682	

06/20/2006 22:48:52 Result: H:\TURBO6\5890-12\12B46102.rst

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
39	4.51	BV	79065	AR1260-A	0.4726	0.1181	4
41	4.64	VB	180054	AR1260-B	0.4608	0.1152	4
46	5.25	BV	14853	AR1260-C	0.3866	0.0966	4
47	5.30	VB	39754	AR1260-D	0.3801	0.0950	4
			313726			0.4250	

4/21/06

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

Matrix Spike Blank

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix: (soil/water) WATER Lab Sample ID: A6B2179901

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 12B47025.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: _____ _____

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 06/27/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/28/2006

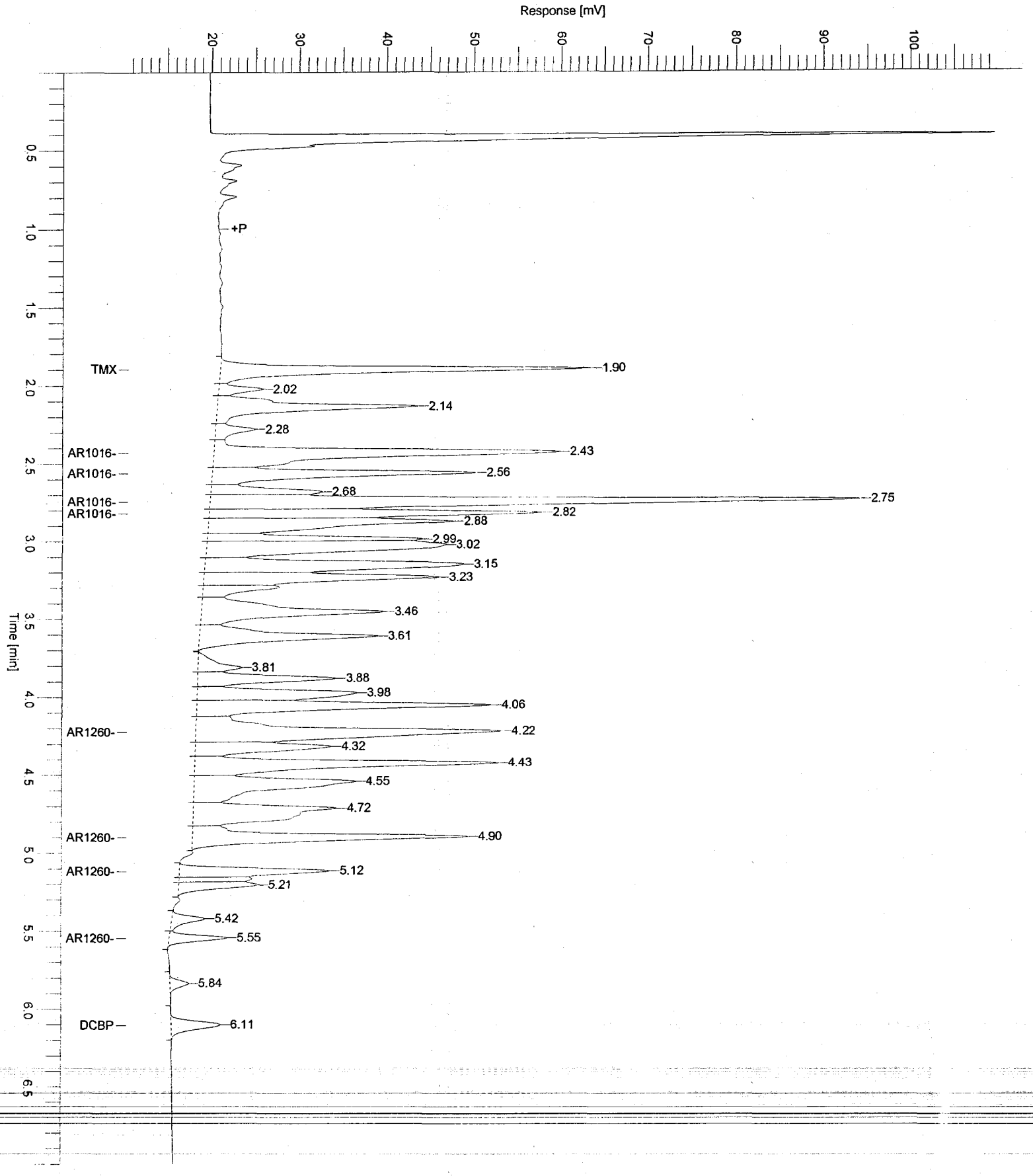
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	4.9	
11104-28-2	Aroclor 1221	0.50	U
11141-16-5	Aroclor 1232	0.50	U
53469-21-9	Aroclor 1242	0.50	U
12672-29-6	Aroclor 1248	0.50	U
11097-69-1	Aroclor 1254	0.50	U
11096-82-5	Aroclor 1260	3.7	

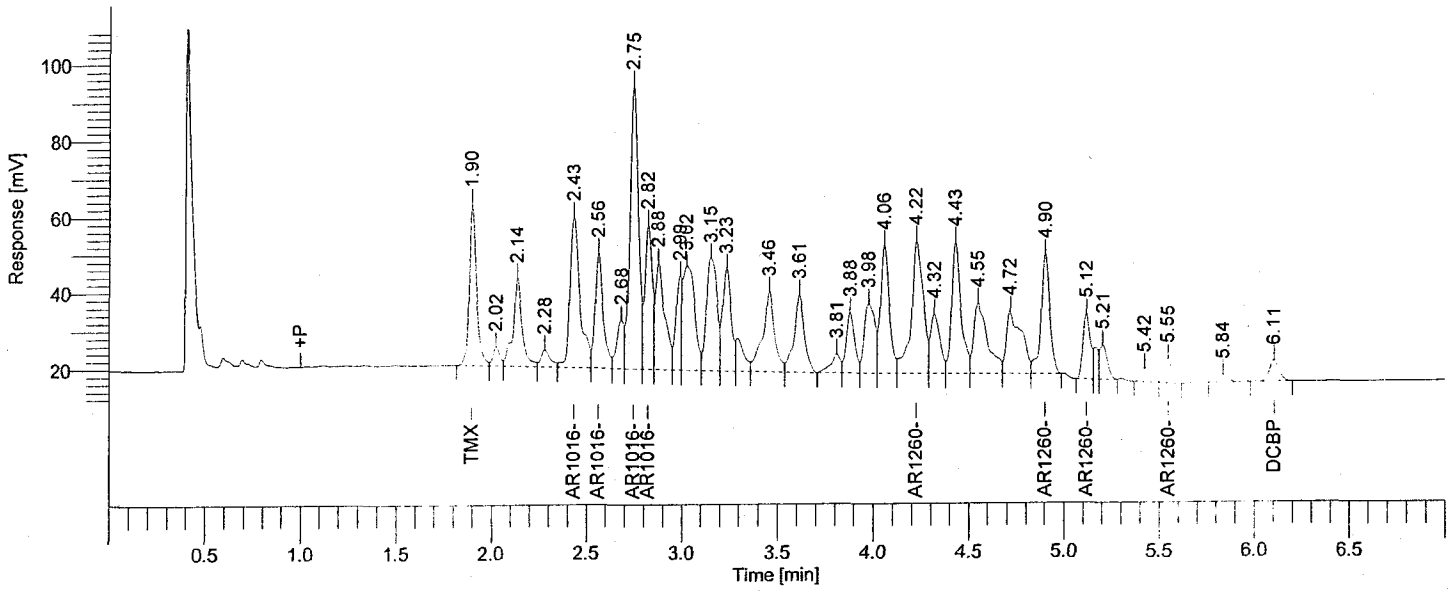
Chromatogram

Sample Name : AW60025540MSBCU+ Sample #: A6B2179901 Page 1 of 1
FileName : H:\TURBO6\5890-12\12A47025.raw
Date : 06/28/2006 13:44:56
Method : 12DINS Time of Injection: 06/28/2006 10:58:48
Start Time : 0.00 min End Time : 7.00 min Low Point : 10.56 mV High Point : 109.61 mV
Scale Factor: 1.0 Plot Offset: 10.56 mV Plot Scale: 99.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/28/2006 13:44:54
Reprocess Number	: buf2042: 111410		
Operator	: tchrom	Sample Name	: AW60025540MSBCU+
Sample Number	: A6B2179901	Study	: STA00490
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/28/2006 10:58:48	Cycle	: 1

Raw Data File : H:\TURBO6\5890-12\12A47025.raw <Modified>
Result File : H:\TURBO6\5890-12\12A47025.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A47025.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A47025.rst
Calib Method : h:\turbo6\5890-12\12a-66(06-11-06).mth from H:\TURBO6\5890-12\12A47025.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D47.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
1	1.90	BV	110293	TMX	0.0081	------	0
	2.75		567066	AR1016	0.2821	0.0705	4
	4.22		321086	AR1260	0.2127	0.0532	4
32	6.11	VB	19517	DCBP	0.0022	------	0
			1017962			0.1237	

6/28/06

06/28/2006 13:44:54 Result: H:\TURBO6\5890-12\12A47025.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
5	2.43	VV	150434	AR1016-A	0.2868	0.0717	4
6	2.56	VV	90086	AR1016-B	0.2909	0.0727	4
8	2.75	VV	226496	AR1016-C	0.2724	0.0681	4
9	2.82	VV	100050	AR1016-D	0.2931	0.0733	4
			567066			0.2858	

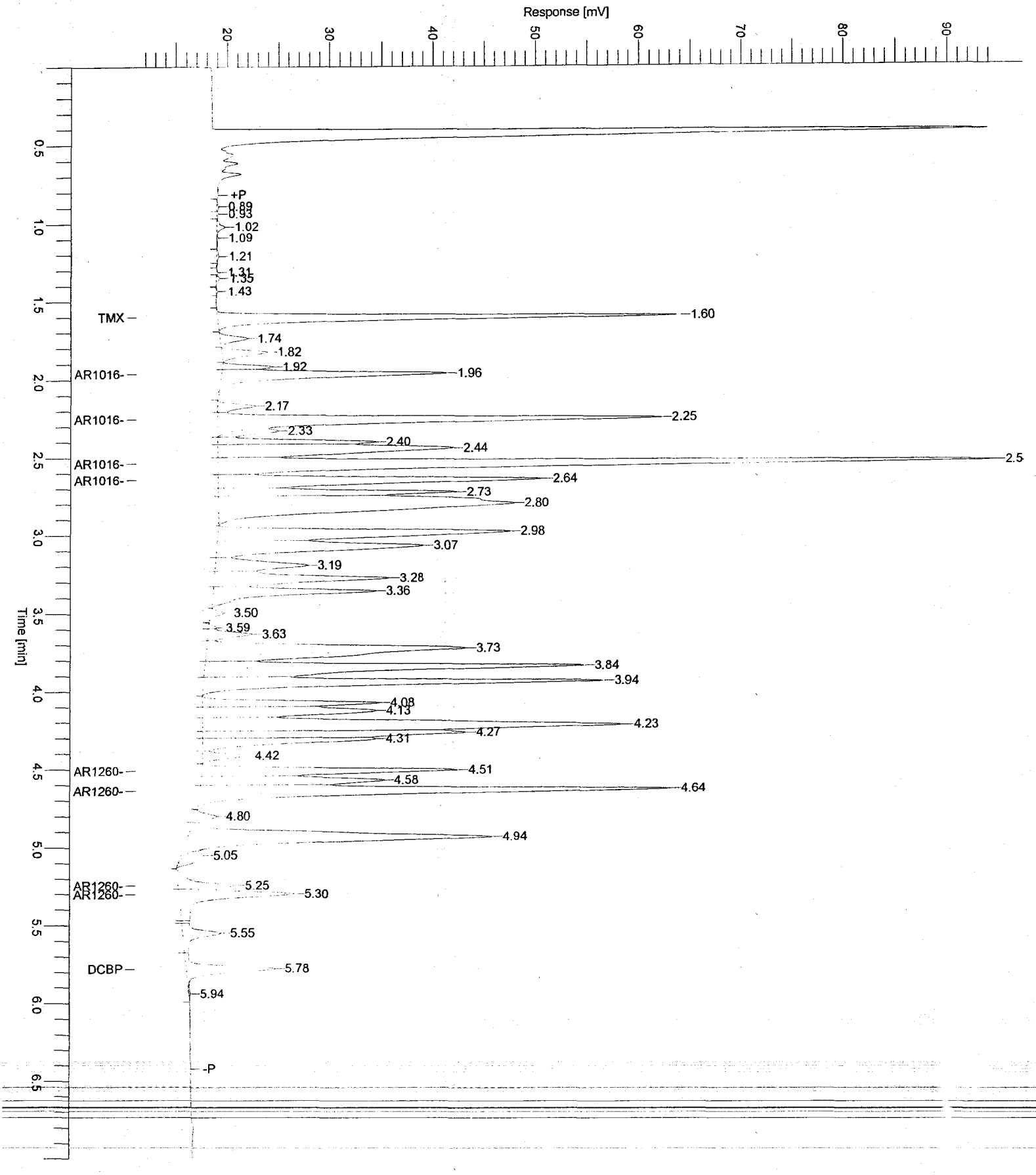
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
21	4.22	VV	153610	AR1260-A	0.2501	0.0625	4
26	4.90	VB	101685	AR1260-B	0.1867	0.0467	4
27	5.12	BV	49375	AR1260-C	0.2004	0.0501	4
30	5.55	VB	16415	AR1260-D	0.1628	0.0407	4
			321086			0.2000	

4/28/06

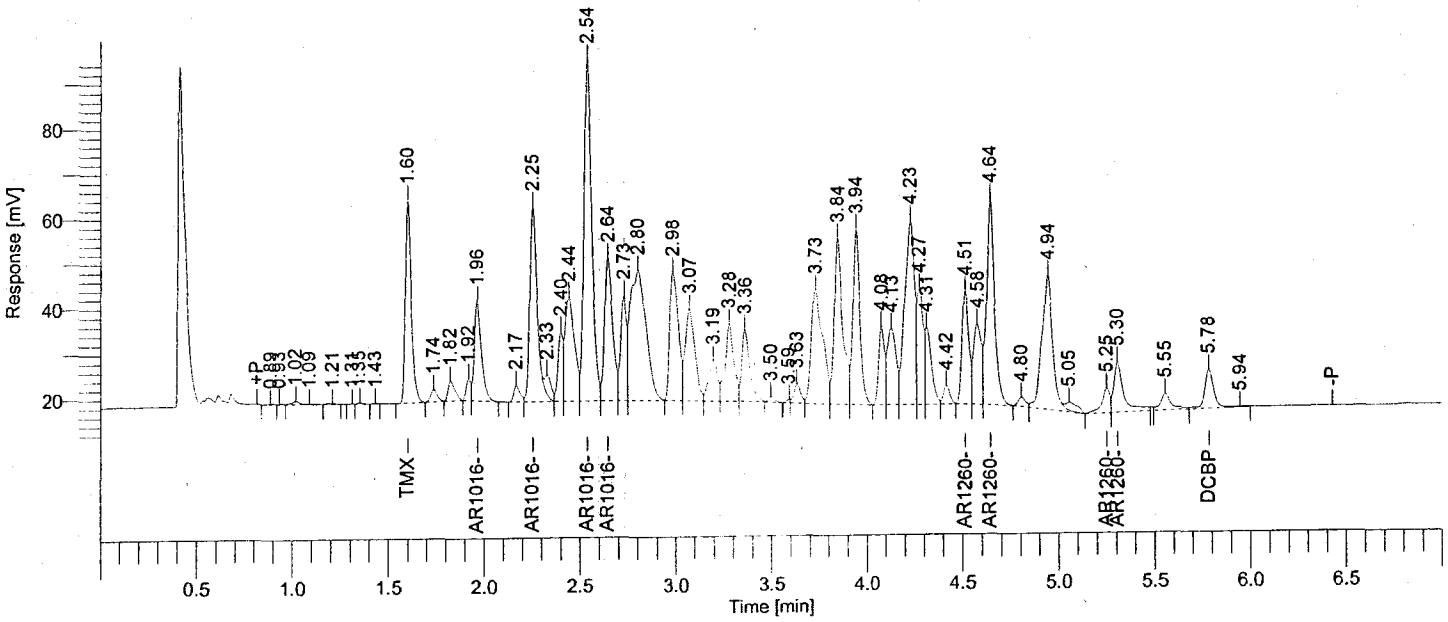
Chromatogram

Sample Name : AW60025540MSBCU+ Sample #: A6B2179901 Page 1 of 1
FileName : H:\TURBO6\5890-12\12B47025.raw
Date : 06/28/2006 13:44:59
Method : 12DINS Time of Injection: 06/28/2006 10:58:48
Start Time : 0.00 min End Time : 7.00 min Low Point : 11.19 mV High Point : 94.74 mV
Scale Factor: 1.0 Plot Offset: 11.19 mV Plot Scale: 83.5 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/28/2006 13:44:58
Reprocess Number	: buf2042: 111411		
Operator	: tchrom	Sample Name	: AW60025540MSBCU+
Sample Number	: A6B2179901	Study	: STA00490
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/28/2006 10:58:48	Cycle	: 1

Raw Data File : H:\TURBO6\5890-12\12B47025.raw <Modified>
Result File : H:\TURBO6\5890-12\12B47025.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B47025.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B47025.rst
Calib Method : h:\turbo6\5890-12\12b-66(06-11-06).mth from H:\TURBO6\5890-12\12B47025.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D47.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
9	1.60	BB	97303	TMX	0.0154	-------	0
	2.54		475708	AR1016	0.4923	0.1231	4
	4.64		249867	AR1260	0.3495	0.0874	4
49	5.78	VE	27833	DCBP	0.0069	-------	0
			850711			0.2105	

4/28/06

06/28/2006 13:44:58 Result: H:\TURBO6\5890-12\12B47025.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
13	1.96	VB	56963	AR1016-A	0.4739	0.1185	4
15	2.25	VE	119521	AR1016-B	0.4857	0.1214	4
19	2.54	VV	207711	AR1016-C	0.4934	0.1233	4
20	2.64	VV	91513	AR1016-D	0.5108	0.1277	4
			475708			0.4909	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
40	4.51	BV	60917	AR1260-A	0.3555	0.0889	4
42	4.64	VB	133164	AR1260-B	0.3328	0.0832	4
46	5.25	BV	16149	AR1260-C	0.4252	0.1063	4
47	5.30	VV	39637	AR1260-D	0.3788	0.0947	4
			249867			0.3731	

6/28/06

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

Matrix Spike Blk Dup

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix: (soil/water) WATER Lab Sample ID: A6B2179902

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 12B47026.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: _____ _____

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 06/27/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/28/2006

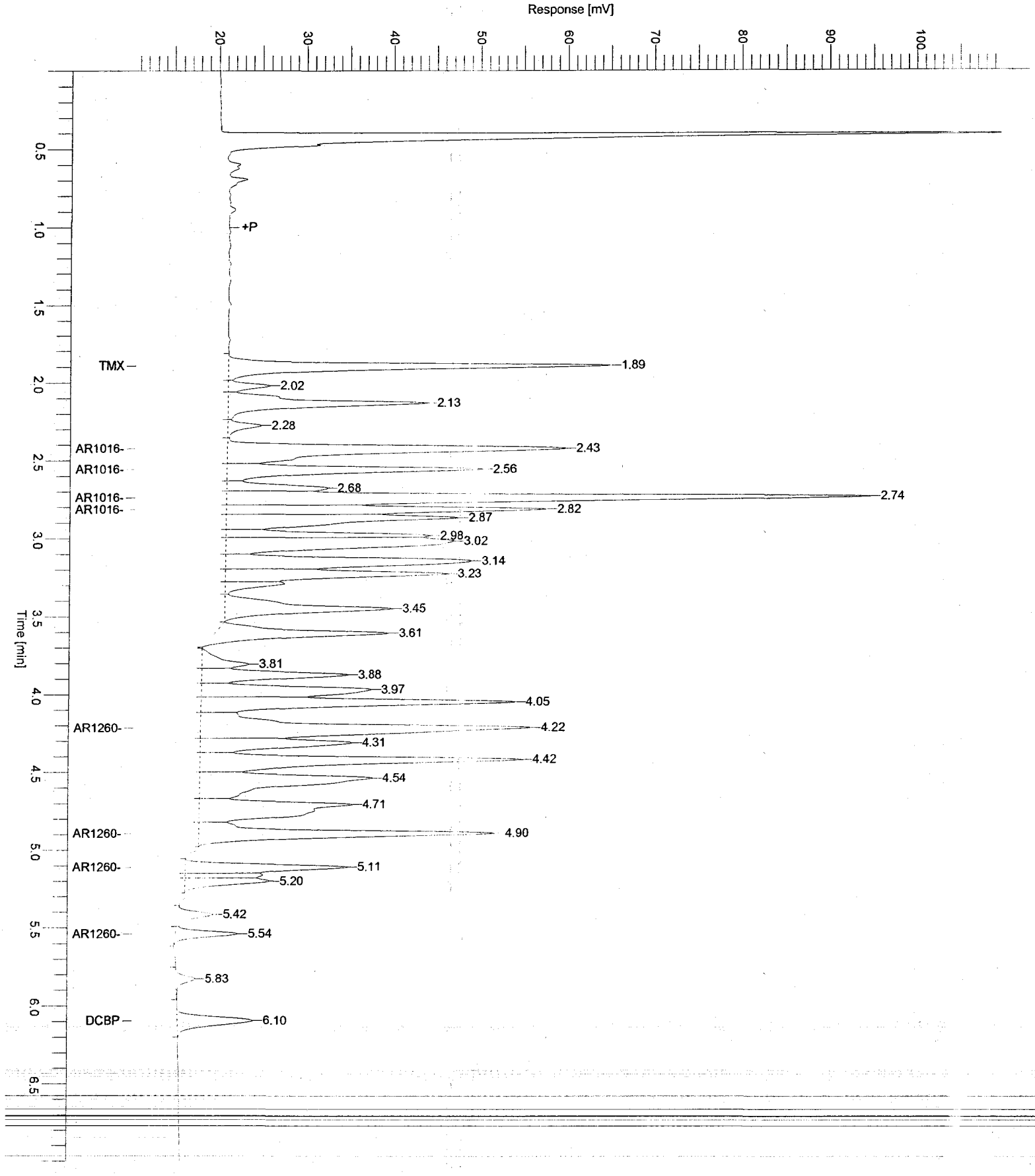
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	4.9	
11104-28-2	Aroclor 1221	0.50	U
11141-16-5	Aroclor 1232	0.50	U
53469-21-9	Aroclor 1242	0.50	U
12672-29-6	Aroclor 1248	0.50	U
11097-69-1	Aroclor 1254	0.50	U
11096-82-5	Aroclor 1260	3.7	

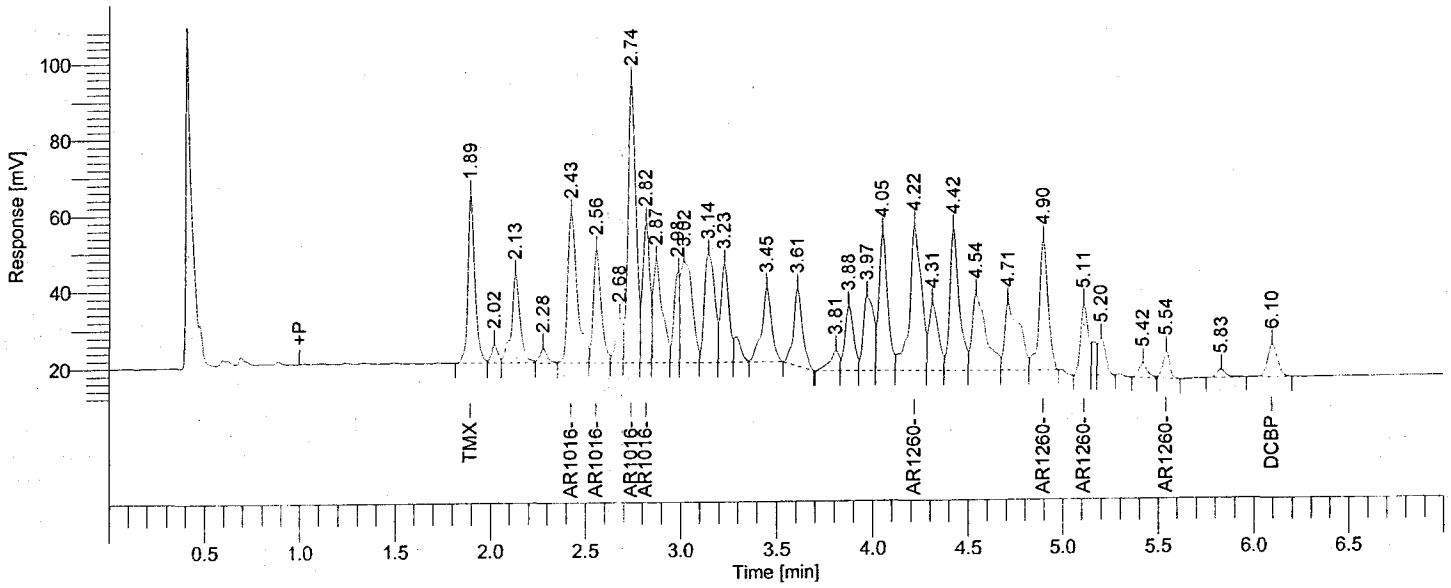
Chromatogram

Sample Name : AW60025541MSBDCU+ Sample #: A6B2179902 Page 1 of 1
FileName : H:\TURBO6\5890-12\12A47026.raw
Date : 06/28/2006 13:45:03
Method : 12DINS Time of Injection: 06/28/2006 11:18:33
Start Time : 0.00 min End Time : 7.00 min Low Point : 10.65 mV High Point : 109.71 mV
Scale Factor: 1.0 Plot Offset: 10.65 mV Plot Scale: 99.1 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/28/2006 13:45:02
Reprocess Number	: buf2042: 111412		
Operator	: tchrom	Sample Name	: AW60025541MSBDCU+
Sample Number	: A6B2179902	Study	: STA00490
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/28/2006 11:18:33	Cycle	: 2

Raw Data File : H:\TURBO6\5890-12\12A47026.raw <Modified>
Result File : H:\TURBO6\5890-12\12A47026.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A47026.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A47026.rst
Calib Method : h:\turbo6\5890-12\12a-66(06-11-06).mth from H:\TURBO6\5890-12\12A47026.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D47.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
1	1.89	BV	111310	TMX	0.0082	-------	0
	2.74		537194	AR1016	0.2640	0.0660	4
	4.22		347623	AR1260	0.2333	0.0583	4
32	6.10	VB	30990	DCBP	0.0051	-------	0
			1027117			0.1243	

6/28/06

06/28/2006 13:45:02 Result: H:\TURBO6\5890-12\12A47026.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
5	2.43	VV	140098	AR1016-A	0.2612	0.0653	4
6	2.56	VV	83057	AR1016-B	0.2624	0.0656	4
8	2.74	VV	219412	AR1016-C	0.2626	0.0657	4
9	2.82	VV	94627	AR1016-D	0.2734	0.0684	4
			537194			0.2649	

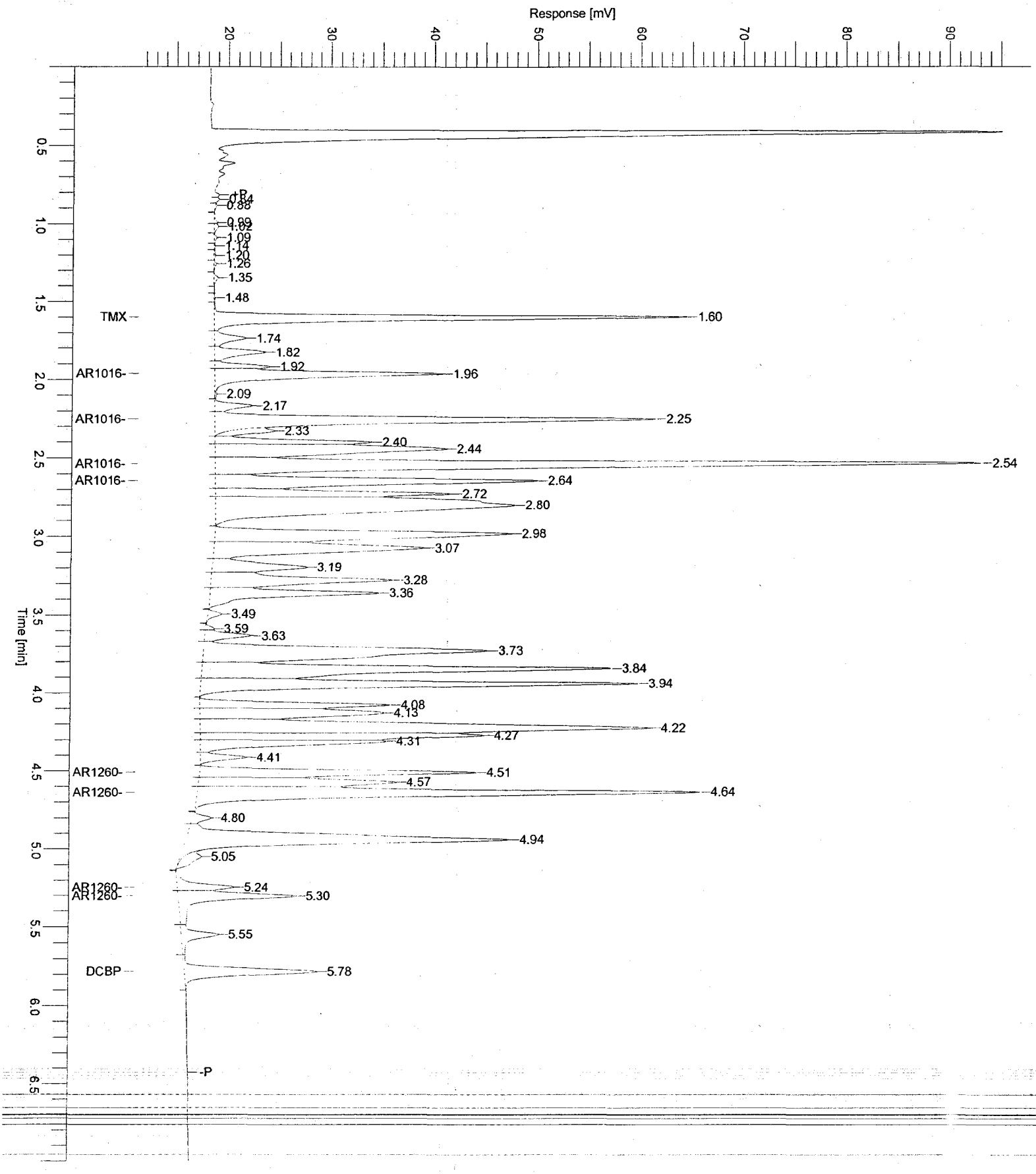
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
21	4.22	VV	166215	AR1260-A	0.2746	0.0687	4
26	4.90	VB	109777	AR1260-B	0.2033	0.0508	4
27	5.11	BV	53328	AR1260-C	0.2201	0.0550	4
30	5.54	VB	18303	AR1260-D	0.1858	0.0464	4
			347623			0.2209	

6/28/06

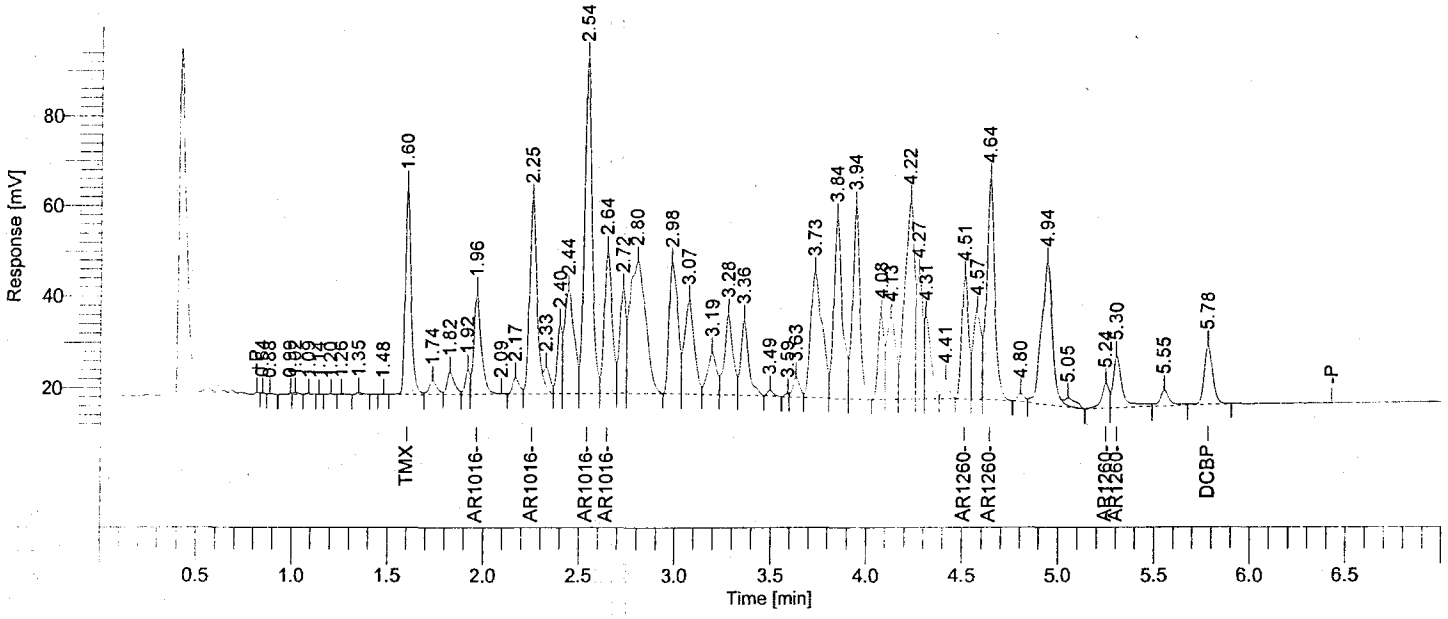
Chromatogram

Sample Name : AW60025541MSBDCU+ Sample #: A6B2179902 Page 1 of 1
FileName : H:\TURBO6\5890-12\12B47026.raw
Date : 06/28/2006 13:45:06
Method : 12DINS Time of Injection: 06/28/2006 11:18:33
Start Time : 0.00 min End Time : 7.00 min Low Point : 11.38 mV High Point : 95.09 mV
Scale Factor: 1.0 Plot Offset: 11.38 mV Plot Scale: 83.7 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/28/2006 13:45:05
Reprocess Number	: buf2042: 111413		
Operator	: tchrom	Sample Name	: AW60025541MSBDCU+
Sample Number	: A6B2179902	Study	: STA00490
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/28/2006 11:18:33	Cycle	: 2

Raw Data File : H:\TURBO6\5890-12\12B47026.raw <Modified>
Result File : H:\TURBO6\5890-12\12B47026.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B47026.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B47026.rst
Calib Method : h:\turbo6\5890-12\12b-66(06-11-06).mth from H:\TURBO6\5890-12\12B47026.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D47.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
11	1.60	VV	100078	TMX	0.0158	------	0
	2.54		474209	AR1016	0.4907	0.1227	4
	4.64		261727	AR1260	0.3678	0.0919	4
52	5.78	VB	39752	DCBP	0.0101	------	0
			875766			0.2146	

6/28/06

06/28/2006 13:45:05 Result: H:\TURBO6\5890-12\12B47026.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
15	1.96	VE	59477	AR1016-A	0.4967	0.1242	4
18	2.25	VE	118513	AR1016-B	0.4812	0.1203	4
22	2.54	VV	205656	AR1016-C	0.4881	0.1220	4
23	2.64	VV	90563	AR1016-D	0.5051	0.1263	4
			474209			0.4928	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
43	4.51	BV	65809	AR1260-A	0.3869	0.0967	4
45	4.64	VB	142608	AR1260-B	0.3585	0.0896	4
49	5.24	BV	14765	AR1260-C	0.3839	0.0960	4
50	5.30	VV	38546	AR1260-D	0.3668	0.0917	4
			261727			0.3740	

6/28/06

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-02-GW

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix: (soil/water) WATER Lab Sample ID: A6691510MS

Sample wt/vol: 1060.00 (g/mL) ML Lab File ID: 12B46132.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 06/16/2006 06/16/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 06/19/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/21/2006

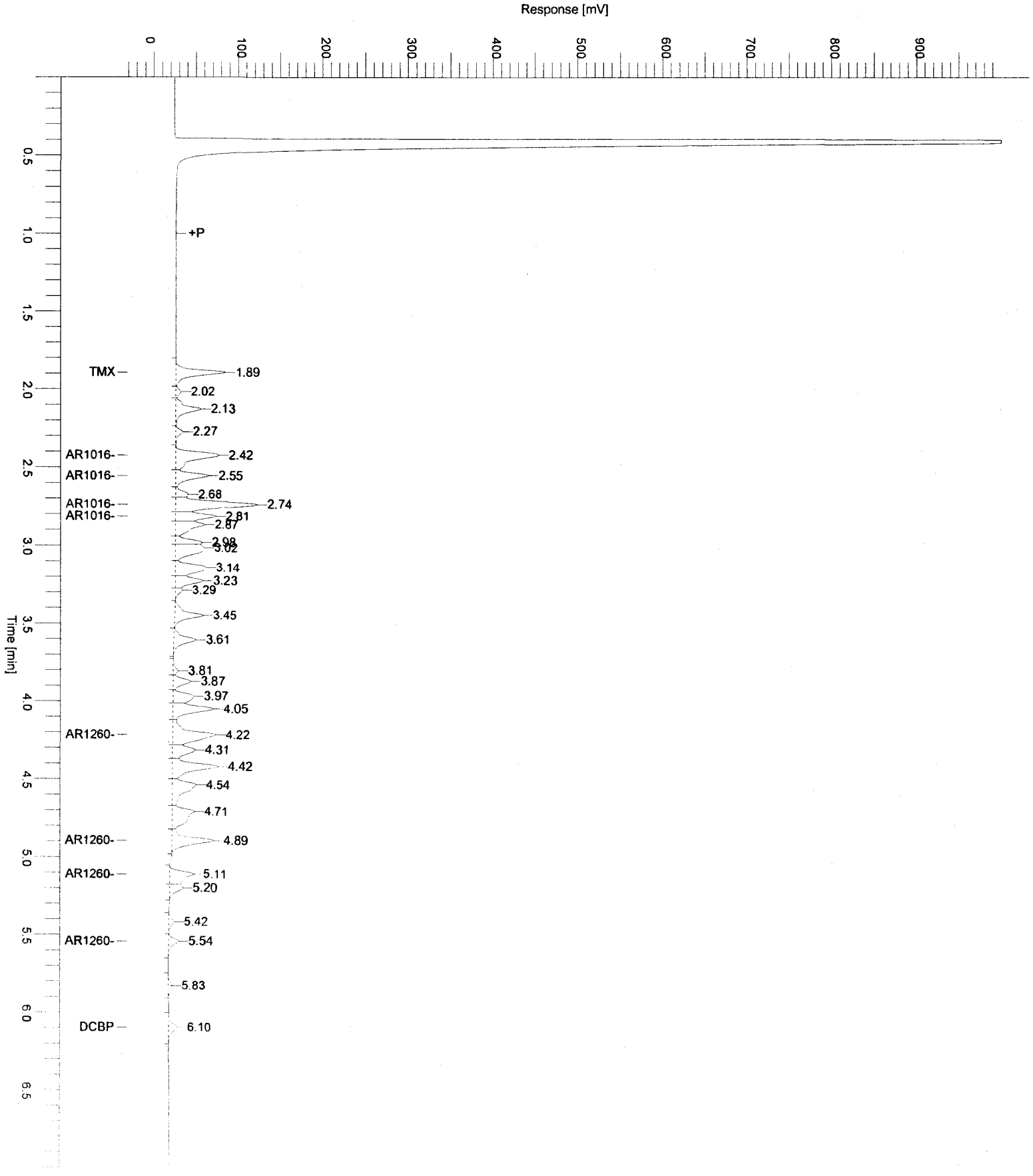
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	4.4	
11104-28-2	Aroclor 1221	0.47	U
11141-16-5	Aroclor 1232	0.47	U
53469-21-9	Aroclor 1242	0.47	U
12672-29-6	Aroclor 1248	0.47	U
11097-69-1	Aroclor 1254	0.47	U
11096-82-5	Aroclor 1260	3.9	

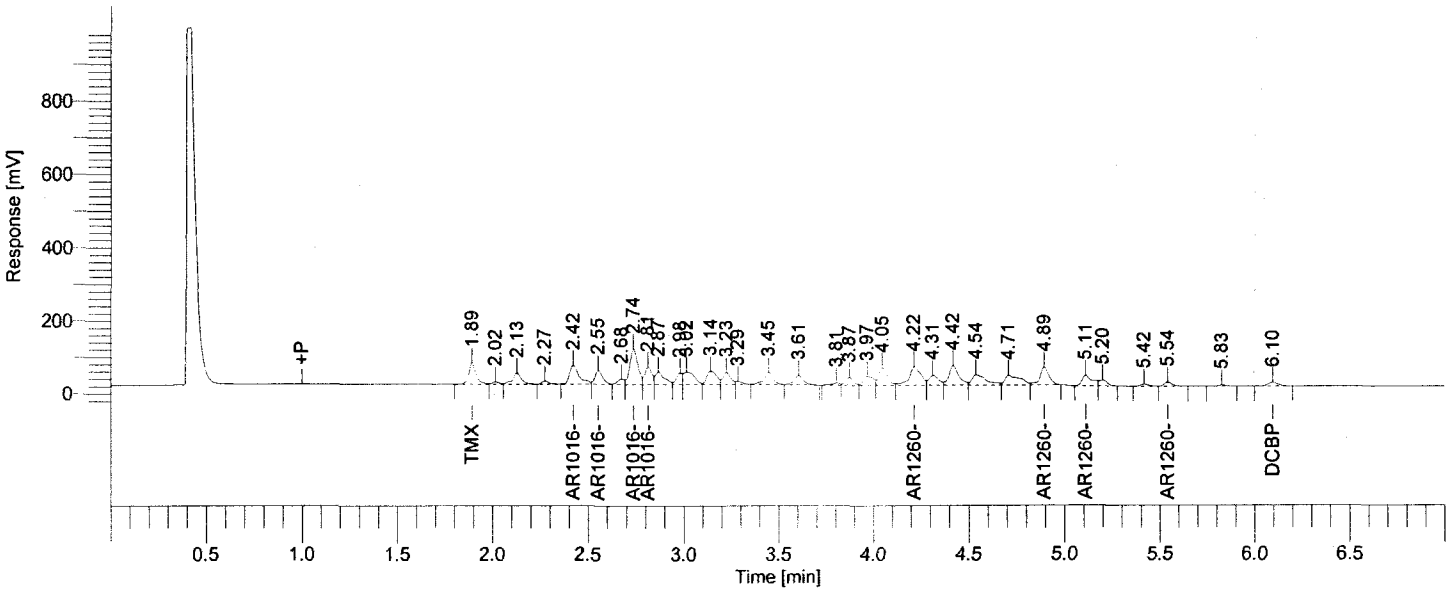
Chromatogram

Sample Name : AW60024914MS Sample #: A6691510MS Page 1 of 1
FileName : H:\TURBO6\5890-12\12A46132.raw
Date : 06/21/2006 07:57:57
Method : 12DINS Time of Injection: 06/21/2006 00:21:12
Start Time : 0.00 min End Time : 7.00 min Low Point : -30.91 mV High Point : 1000.00 mV
Scale Factor: 1.0 Plot Offset: -30.91 mV Plot Scale: 1030.9 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/21/2006 07:57:56
Reprocess Number	: buf2042: 110396		
Operator	: tchrom	Sample Name	: AW60024914MS
Sample Number	: A6691510MS	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/21/2006 00:21:12	Cycle	: 9

Raw Data File : H:\TURBO6\5890-12\12A46132.raw <Modified>
Result File : H:\TURBO6\5890-12\12A46132.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A46132.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A46132.rst
Calib Method : h:\turbo6\5890-12\12a-66(06-11-06).mth from H:\TURBO6\5890-12\12A46132.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
1	1.89	BV	152351	TMX	0.0120	-------	0
	2.74		701155	AR1016	0.3633	0.0908	4
	4.22		514598	AR1260	0.3632	0.0908	4
33	6.10	VB	36461	DCBP	0.0066	-------	0
			1404565			0.1816	

6/23/06

06/21/2006 07:57:56 Result: H:\TURBO6\5890-12\12A46132.rst

Group Report For : AR1016

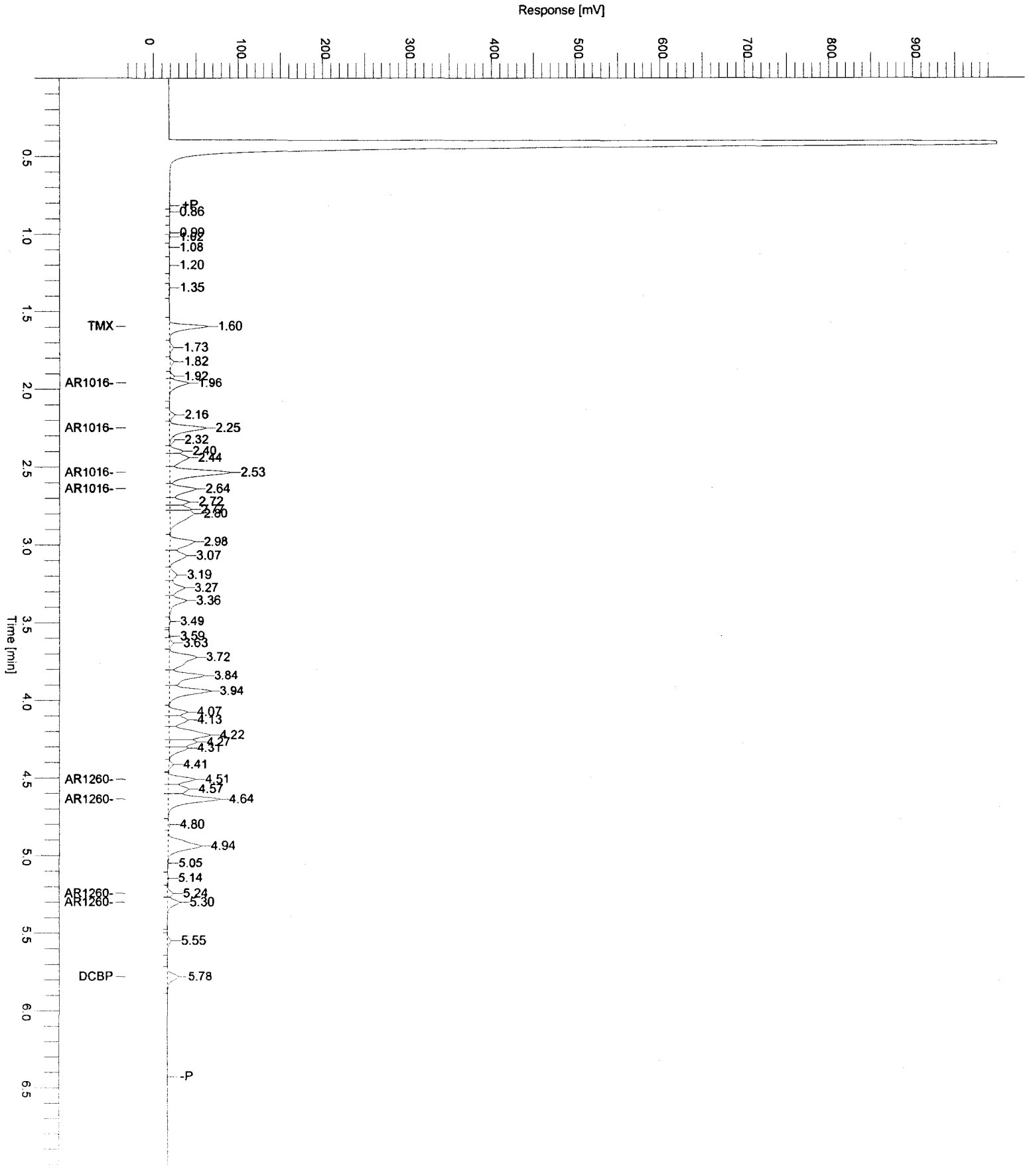
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
5	2.42	VV	183250	AR1016-A	0.3679	0.0920	4
6	2.55	VV	108723	AR1016-B	0.3666	0.0917	4
8	2.74	VV	286558	AR1016-C	0.3551	0.0888	4
9	2.81	VV	122625	AR1016-D	0.3749	0.0937	4
			701155			0.3661	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
22	4.22	VV	215363	AR1260-A	0.3702	0.0926	4
27	4.89	VB	159062	AR1260-B	0.3041	0.0760	4
28	5.11	BV	105249	AR1260-C	0.4791	0.1198	4
31	5.54	VB	34924	AR1260-D	0.3884	0.0971	4
			514598			0.3854	

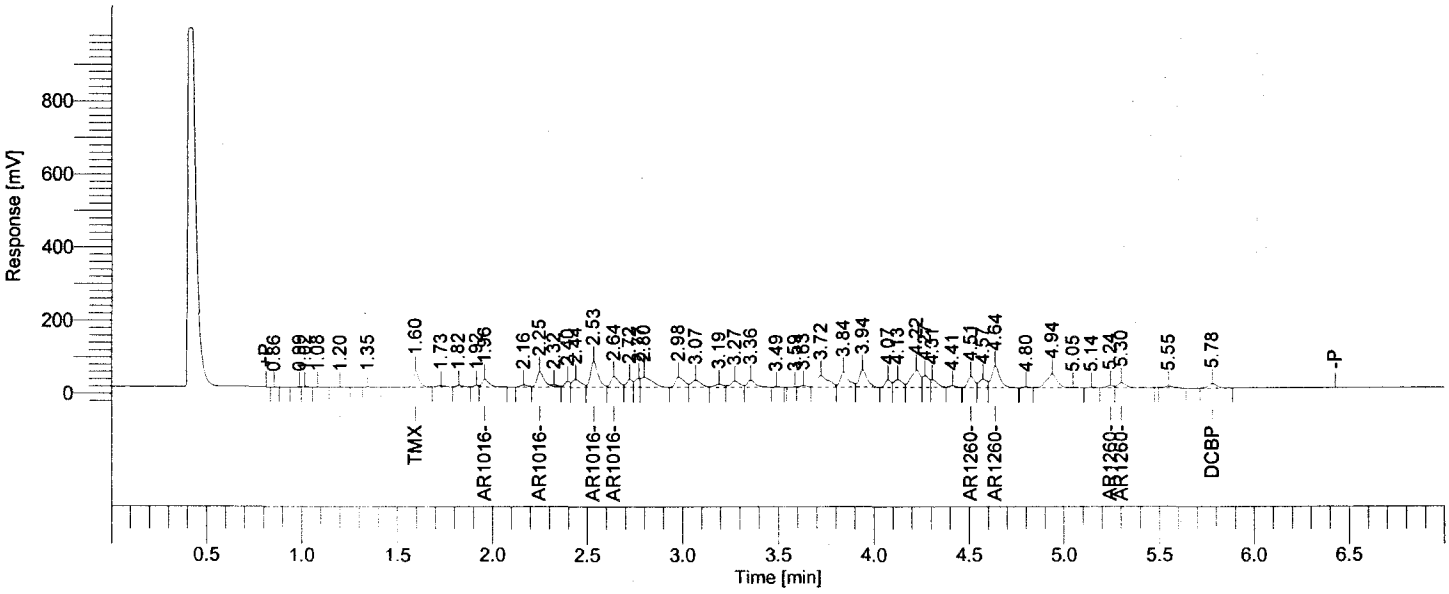
Chromatogram

Sample Name : AW60024914MS Sample #: A6691510MS Page 1 of 1
FileName : H:\TURBO6\5890-12\12B46132.raw
Date : 06/21/2006 07:58:02
Method : 12DINS Time of Injection: 06/21/2006 00:21:12
Start Time : 0.00 min End Time : 7.00 min Low Point : -32.75 mV High Point : 1000.00 mV
Scale Factor: 1.0 Plot Offset: -32.75 mV Plot Scale: 1032.8 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/21/2006 07:58:01
Reprocess Number	: buf2042: 110397		
Operator	: tchrom	Sample Name	: AW60024914MS
Sample Number	: A6691510MS	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/21/2006 00:21:12	Cycle	: 9

Raw Data File : H:\TURBO6\5890-12\12B46132.raw <Modified>
Result File : H:\TURBO6\5890-12\12B46132.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B46132.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B46132.rst
Calib Method : h:\turbo6\5890-12\12b-66(06-11-06).mth from H:\TURBO6\5890-12\12B46132.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
7	1.60	BB	92681	TMX	0.0146	-------	0
	2.53		451429	AR1016	0.4652	0.1163	4
	4.64		307834	AR1260	0.4392	0.1098	4
49	5.78	BB	37210	DCBP	0.0094	-------	0
			889155			0.2261	

6/23/06

06/21/2006 07:58:01 Result: H:\TURBO6\5890-12\12B46132.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
11	1.96	VB	54276	AR1016-A	0.4496	0.1124	4
13	2.25	VE	115470	AR1016-B	0.4676	0.1169	4
17	2.53	VV	195359	AR1016-C	0.4619	0.1155	4
18	2.64	VV	86324	AR1016-D	0.4800	0.1200	4
			451429			0.4648	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
39	4.51	BV	76207	AR1260-A	0.4540	0.1135	4
41	4.64	VB	178076	AR1260-B	0.4554	0.1138	4
46	5.24	BV	14554	AR1260-C	0.3777	0.0944	4
47	5.30	VB	38998	AR1260-D	0.3718	0.0929	4
			307834			0.4147	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-02-GW

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A66915

Matrix: (soil/water) WATER Lab Sample ID: A6691510SD

Sample wt/vol: 1060.00 (g/mL) ML Lab File ID: 12B46133.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 06/16/2006 06/16/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 06/19/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/21/2006

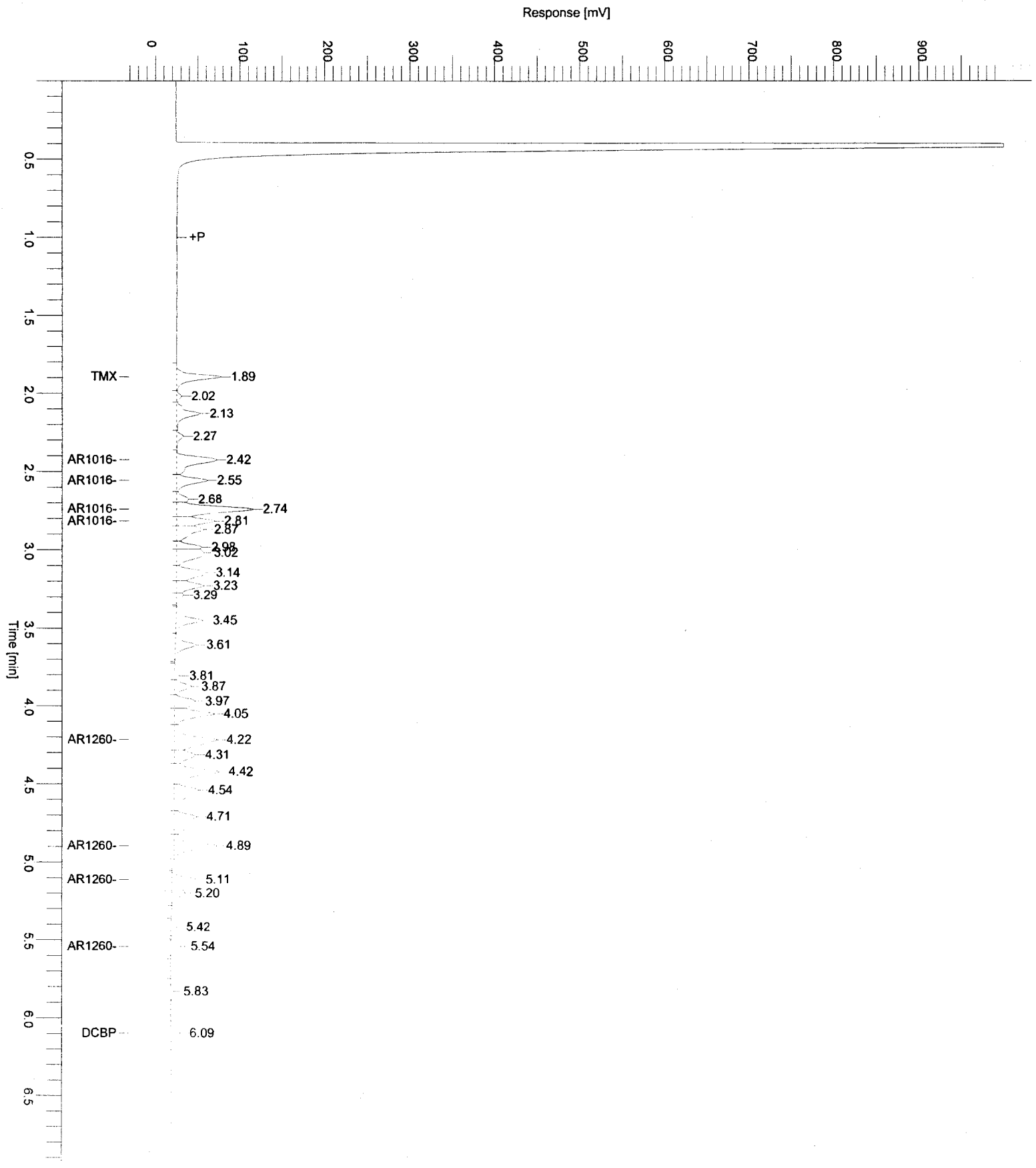
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	4.2	
11104-28-2	Aroclor 1221	0.47	U
11141-16-5	Aroclor 1232	0.47	U
53469-21-9	Aroclor 1242	0.47	U
12672-29-6	Aroclor 1248	0.47	U
11097-69-1	Aroclor 1254	0.47	U
11096-82-5	Aroclor 1260	4.2	

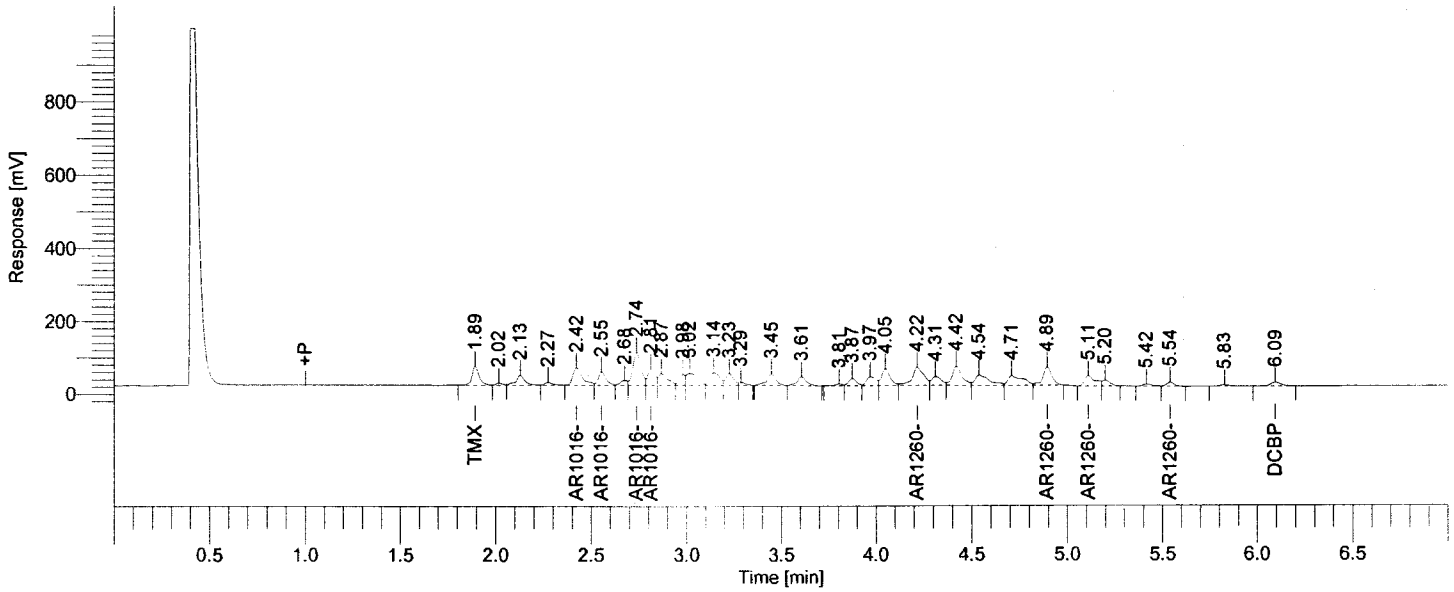
Chromatogram

Sample Name : AW60024915SD Sample #: A6691510SD Page 1 of 1
FileName : H:\TURBO6\5890-12\12A46133.raw
Date : 06/21/2006 07:58:08
Method : 12DINS Time of Injection: 06/21/2006 00:40:52
Start Time : 0.00 min End Time : 7.00 min Low Point : -31.22 mV High Point : 1000.00 mV
Scale Factor: 1.0 Plot Offset: -31.22 mV Plot Scale: 1031.2 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/21/2006 07:58:06
Reprocess Number	: buf2042: 110398		
Operator	: tchrom	Sample Name	: AW60024915SD
Sample Number	: A6691510SD	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: A
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/21/2006 00:40:52	Cycle	: 10

Raw Data File : H:\TURBO6\5890-12\12A46133.raw <Modified>
Result File : H:\TURBO6\5890-12\12A46133.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12A46133.raw
Proc Method : h:\turbo6\5890-12\laproc.mth from H:\TURBO6\5890-12\12A46133.rst
Calib Method : h:\turbo6\5890-12\12a-66(06-11-06).mth from H:\TURBO6\5890-12\12A46133.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
1	1.89	BV	134542	TMX	0.0103	-------	0
	2.74		650861	AR1016	0.3328	0.0832	4
	4.89		510492	AR1260	0.3600	0.0900	4
33	6.09	VB	37124	DCBP	0.0067	-------	0
			1333020			0.1732	

06/21/2006 07:58:06 Result: H:\TURBO6\5890-12\12A46133.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
5	2.42	VV	169229	AR1016-A	0.3332	0.0833	4
6	2.55	VV	101253	AR1016-B	0.3363	0.0841	4
8	2.74	VV	266673	AR1016-C	0.3277	0.0819	4
9	2.81	VV	113706	AR1016-D	0.3425	0.0856	4
			650861			0.3349	

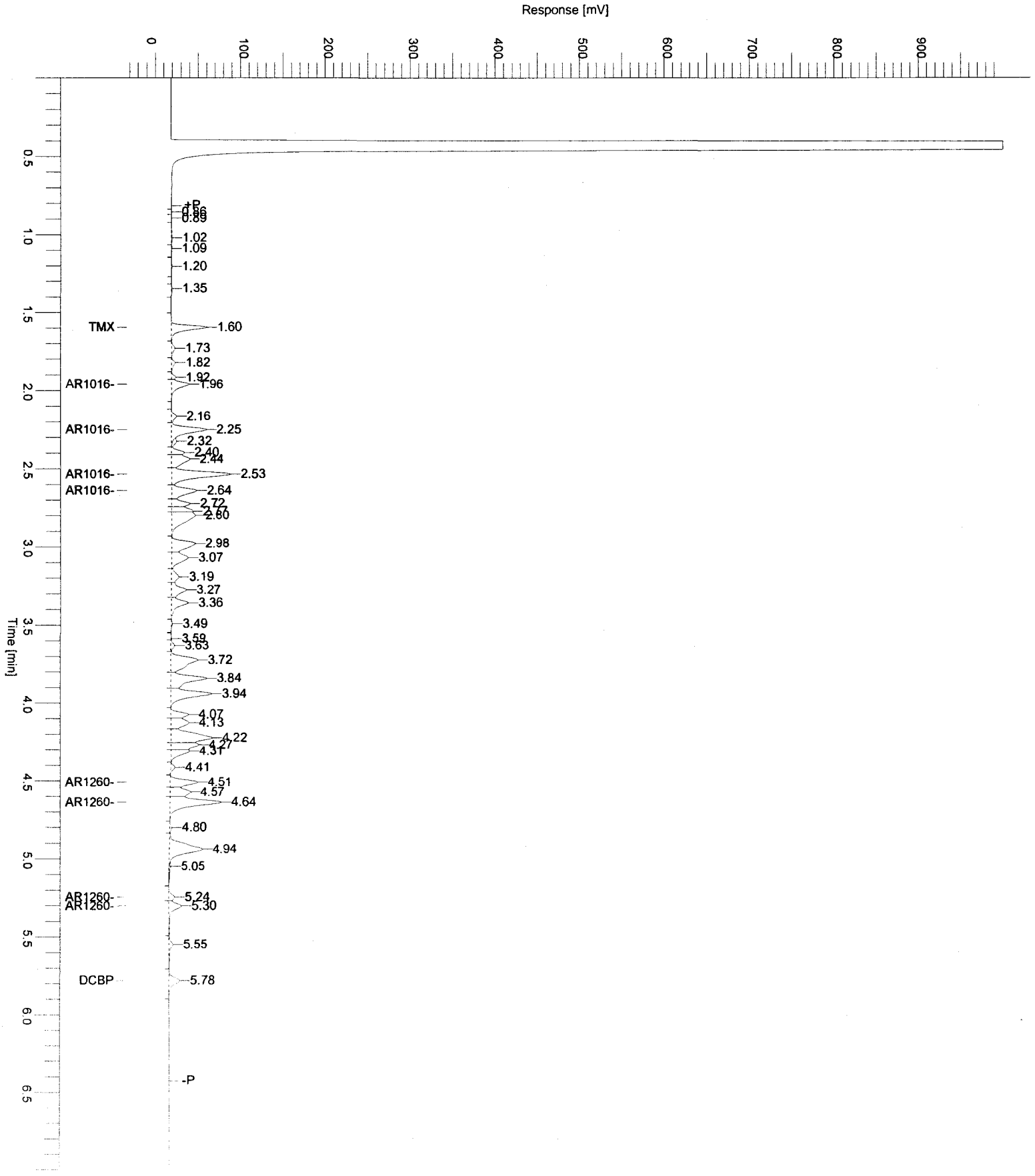
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
22	4.22	VV	211296	AR1260-A	0.3623	0.0906	4
27	4.89	VB	160910	AR1260-B	0.3079	0.0770	4
28	5.11	BV	107365	AR1260-C	0.4896	0.1224	4
31	5.54	VB	30921	AR1260-D	0.3396	0.0849	4
			510492			0.3749	

DW 6/23/06

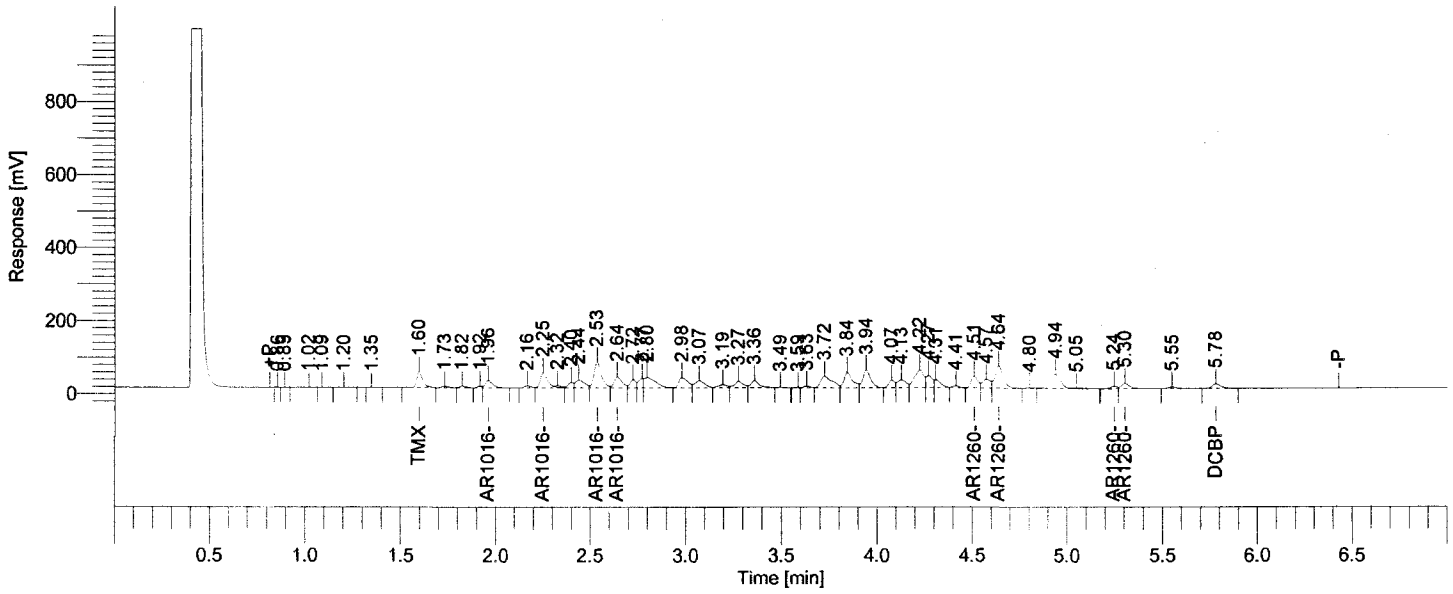
Chromatogram

Sample Name : AW60024915SD Sample #: A6691510SD Page 1 of 1
FileName : H:\TURBO6\5890-12\12B46133.raw
Date : 06/21/2006 07:58:13
Method : 12DINS Time of Injection: 06/21/2006 00:40:52
Start Time : 0.00 min End Time : 7.00 min Low Point : -33.36 mV High Point : 1000.00 mV
Scale Factor: 1.0 Plot Offset: -33.36 mV Plot Scale: 1033.4 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/21/2006 07:58:11
Reprocess Number	: buf2042: 110399		
Operator	: tchrom	Sample Name	: AW60024915SD
Sample Number	: A6691510SD	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-12	Channel	: B
Interface Serial #	: 3090270362	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 06/21/2006 00:40:52	Cycle	: 10

Raw Data File : H:\TURBO6\5890-12\12B46133.raw <Modified>
Result File : H:\TURBO6\5890-12\12B46133.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B46133.raw
Proc Method : h:\turbo6\5890-12\lbproc.mth from H:\TURBO6\5890-12\12B46133.rst
Calib Method : h:\turbo6\5890-12\12b-66(06-11-06).mth from H:\TURBO6\5890-12\12B46133.rst
Report Format File: h:\turbo6\5890-12\lsamp.rpt
Sequence File : H:\TURBO6\5890-12\12D46.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
7	1.60	BB	86333	TMX	0.0135	-------	0
	2.53		435367	AR1016	0.4473	0.1118	4
	4.64		316206	AR1260	0.4523	0.1131	4
48	5.78	VB	37928	DCBP	0.0096	-------	0
			875834			0.2249	

6/23/06

06/21/2006 07:58:11 Result: H:\TURBO6\5890-12\12B46133.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
11	1.96	VB	52046	AR1016-A	0.4295	0.1074	4
13	2.25	VE	110851	AR1016-B	0.4469	0.1117	4
17	2.53	VV	188739	AR1016-C	0.4451	0.1113	4
18	2.64	VV	83732	AR1016-D	0.4646	0.1162	4
			435367			0.4465	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (5pts)	# PEAKS USED
39	4.51	BV	77773	AR1260-A	0.4642	0.1160	4
41	4.64	VB	177787	AR1260-B	0.4546	0.1136	4
45	5.24	BV	15896	AR1260-C	0.4177	0.1044	4
46	5.30	VV	44750	AR1260-D	0.4353	0.1088	4
			316206			0.4429	

STL Buffalo
Date: 06/26/2006
Time: 15:48:00

Organic Prep Log Book
(3510C) 8082 H2O
A6B21331 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 1000.00 ul

Date Ext/Initials: 06/19/2006 EKD

Date Cleanup/Initials: 06/19/2006 KAS

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: 06/19/2006 KAS

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	Protoc	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A06-6914	A6691401	A	FS	AW60024870	PCBS	SW8463	8082	A00035			6.00	1050.0000	10.00
A06-6914	A6691402	A	FS	AW60024871	PCBS	SW8463	8082	A00035			6.00	1060.0000	10.00
A06-6914	A6691403	A	FS	AW60024872	PCBS	SW8463	8082	A00035			6.00	1060.0000	10.00
A06-6914	A6691404	A	FS	AW60024873	PCBS	SW8463	8082	A00035			6.00	1060.0000	10.00
A06-6914	A6691405	A	FS	AW60024874	PCBS	SW8463	8082	A00035			6.00	1060.0000	10.00
A06-6914	A6691405MS	A	MS	AW60024875	PCBS	SW8463	8082	A00035	A00222		6.00	1060.0000	10.00
A06-6914	A6691405SD	A	SD	AW60024876	PCBS	SW8463	8082	A00035	A00222		6.00	1060.0000	10.00
A06-6914	A6691406	A	FS	AW60024877	PCBS	SW8463	8082	A00035			6.00	1050.0000	10.00
A06-6914	A6691407	A	FS	AW60024878	PCBS	SW8463	8082	A00035			6.00	1060.0000	10.00
A06-6914	A6691408	A	FS	AW60024879	PCBS	SW8463	8082	A00035			6.00	1060.0000	10.00
A06-6914	A6691409	A	FS	AW60024880	PCBS	SW8463	8082	A00035			6.00	1060.0000	10.00
A06-6914	A6691410	A	FS	AW60024881	PCBS	SW8463	8082	A00035			6.00	1060.0000	10.00
A06-6914	A6691411	A	FS	AW60024882	PCBS	SW8463	8082	A00035			6.00	1060.0000	10.00
A06-6914	A6691412	A	FS	AW60024883	PCBS	SW8463	8082	A00035			6.00	1060.0000	10.00
A06-6915	A6691501	A	FS	AW60024884	PCBS	SW8463	8082	A00035			6.00	1060.0000	10.00
A06-6915	A6691502	A	FS	AW60024885	PCBS	SW8463	8082	A00035			6.00	1060.0000	10.00

STL Buffalo
Date: 06/26/2006
Time: 15:48:00

Organic Prep Log Book
(3510C) 8082 H2O
A6B21331 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 1000.00 ul

Date Ext/Initials: 06/19/2006 EKD

Date Cleanup/Initials: 06/19/2006 KAS

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: 06/19/2006 KAS

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	Protoc	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A06-6915	A6691503	A	FS	AW60024886	PCBS	SW8463	8082	A00035			6.00	1060.0000	10.00
A06-6915	A6691504	A	FS	AW60024887	PCBS	SW8463	8082	A00035			6.00	1055.0000	10.00
A6B21331	A6B2133101	Z	MSB	AW60024888	PCBS	SW8463	8082	A00035	A00222		5.00	1000.0000	10.00
A6B21331	A6B2133102	Z	MBLK	AW60024889	PCBS	SW8463	8082	A00035			5.00	1000.0000	10.00
A6B21331	A6B2133101	Z	MSB	AW60024888	PCBS	SW8463	8082	A00035	A00222		5.00	1000.0000	10.00
A6B21331	A6B2133102	Z	MBLK	AW60024889	PCBS	SW8463	8082	A00035			5.00	1000.0000	10.00
A06-6904	A6690401	A	FS	AW60024890	PCBS	SW8463	8082	A00035			6.00	1050.0000	10.00
A06-6904	A6690401MS	A	MS	AW60024891	PCBS	SW8463	8082	A00035	A00222		6.00	1060.0000	10.00
A06-6904	A6690401SD	A	SD	AW60024892	PCBS	SW8463	8082	A00035	A00222		6.00	1045.0000	10.00
A06-6904	A6690407	A	FS	AW60024893	PCBS	SW8463	8082	A00035			6.00	1060.0000	10.00

Comments:

TL Buffalo
ate: 06/19/2006
ime: 14:34:33

Organic Prep Log Book
(3510C) 8082 H2O
A6B21331

Rept: AN0501

Cut# 13/5433

SURROGATE A35
Expiration Date: 11-26-06
Prepared by: CMM
Spiked by: VGS
Witnessed by: _____
100 0.00 ul

MATRIX SPIKE A222
Expiration Date: 9-29-06
Prepared by: CMM
Spiked by: VGS
Witnessed by: _____
100 0.00 ul

MeCl2: C18685
Acetone: _____
Hexane: 603880
Na2So4: 5-27-06 45320
1:1 H2SO4: _____
10 N NaOH: _____

Date Ext/Initials: 06/19/2006 EKP

Date Cleanup/Initials: 06/19/2006 VGS

Extraction Type: (SEPF) or CLLE (circle one)

AQUEOUS EXTRACTIONS

Date Conc/Initials: 06/19/2006 VGS

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	Protoc	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A06-6914	A6691401	A	FS	AW60024870	PCBS	SW8463	8082	A00035		Yellow	6	1050	10.0
A06-6914	A6691402		FS	AW60024871	PCBS	SW8463	8082	A00035		Gray		1060	
A06-6914	A6691403		FS	AW60024872	PCBS	SW8463	8082	A00035		Lt. Yellow			
A06-6914	A6691404		FS	AW60024873	PCBS	SW8463	8082	A00035					
A06-6914	A6691405		FS	AW60024874	PCBS	SW8463	8082	A00035					
A06-6914	A6691405MS		MS	AW60024875	PCBS	SW8463	8082	A00035	A00222				
A06-6914	A6691405SD		SD	AW60024876	PCBS	SW8463	8082	A00035	A00222				
A06-6914	A6691406		FS	AW60024877	PCBS	SW8463	8082	A00035				1050	
A06-6914	A6691407		FS	AW60024878	PCBS	SW8463	8082	A00035				1060	
A06-6914	A6691408		FS	AW60024879	PCBS	SW8463	8082	A00035					
A06-6914	A6691409		FS	AW60024880	PCBS	SW8463	8082	A00035					
A06-6914	A6691410		FS	AW60024881	PCBS	SW8463	8082	A00035					
A06-6914	A6691411		FS	AW60024882	PCBS	SW8463	8082	A00035		Cloudy			
A06-6914	A6691412		FS	AW60024883	PCBS	SW8463	8082	A00035		Yellow			
A06-6915	A6691501		FS 5%	AW60024884	PCBS	SW8463	8082	A00035		+			
A06-6915	A6691502		FS 1	AW60024885	PCBS	SW8463	8082	A00035		Tan			

TL Buffalo
ate: 06/19/2006
ime: 14:34:33

Organic Prep Log Book
(3510C) 8082 H2O
A6B21331

Rept: AN0501

SURROGATE
Expiration Date: _____
Prepared by: _____
Spiked by: _____ 0.00 ul
Witnessed by: _____

MATRIX SPIKE
Expiration Date: _____
Prepared by: _____
Spiked by: _____ 0.00 ul
Witnessed by: _____

MeCl2: _____
Acetone: _____
Hexane: _____
Na2So4: _____
1:1 H2SO4: _____
10 N NaOH: _____

Date Ext/Initials: 06/19/2006 _____

Date Cleanup/Initials: 06/19/2006 _____

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: 06/19/2006 _____

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	Protoc	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A06-6915	A6691503	A	FS SL	AW60024886	PCBS	SW8463	8082	A00035		Tan	6	1060	10.0
A06-6915	A6691504	↓	FS Cut SL	AW60024887	PCBS	SW8463	8082	A00035		Brown	↓	1055	
A6B21331	A6B2133101		MSB Cut	AW60024888	PCBS	SW8463	8082	A00035	A00222	clear	5	1000	
A6B21331	A6B2133102		MBLK Cut	AW60024889	PCBS	SW8463	8082	A00035		↓	↓	↓	
A6B21331	A6B2133101		MSB	AW60024888	PCBS	SW8463	8082	A00035	A00222				
A6B21331	A6B2133102		MBLK	AW60024889	PCBS	SW8463	8082	A00035		↓	↓	↓	
A06-6904	A6690401	A	FS	AW60024890	PCBS	SW8463	8082	A00035		Brown	6	1050	
A06-6904	A6690401MS	↓	MS	AW60024891	PCBS	SW8463	8082	A00035	A00222	↓	↓	1060	
A06-6904	A6690401SD	↓	SD	AW60024892	PCBS	SW8463	8082	A00035	A00222	↓	↓	1045	
A06-6904	A6690407	↓	FS	AW60024893	PCBS	SW8463	8082	A00035		↓	↓	1060	↓

Comments: Gas flow checked. EKO 6-19-06

relog 6-21-06 7:15mw

472/1248

STL Buffalo
Date: 06/26/2006
Time: 16:06:14

Organic Prep Log Book
(3510C) 8082 H2O
A6B21333 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 1000.00 ul

Date Ext/Initials: 06/19/2006 EKD

Date Cleanup/Initials: 06/19/2006 KAS

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: 06/19/2006 KAS

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	Protoc	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A06-6935	A6693501	A	FS	AW60024894	APIIPCB	SW8463	8082	A00035			6.00	1060.0000	10.00
A06-6935	A6693501MS	A	MS	AW60024895	APIIPCB	SW8463	8082	A00035	A00222		6.00	1020.0000	10.00
A06-6935	A6693501SD	A	SD	AW60024896	APIIPCB	SW8463	8082	A00035	A00222		6.00	1020.0000	10.00
A06-6935	A6693502	A	FS	AW60024897	APIIPCB	SW8463	8082	A00035			6.00	1035.0000	10.00
A06-6935	A6693503	A	FS	AW60024898	APIIPCB	SW8463	8082	A00035			6.00	1048.0000	10.00
A6B21333	A6B2133301		MSB	AW60024899	APIIPCB	SW8463	8082	A00035	A00222		5.00	1000.0000	10.00
A6B21333	A6B2133302		MBLK	AW60024900	APIIPCB	SW8463	8082	A00035			5.00	1000.0000	10.00
A06-6935	A6693501	A	FS	AW60024901	APIIPest	SW8463	8081	A00035			6.00	1060.0000	10.00
A06-6935	A6693501MS	A	MS	AW60024902	APIIPest	SW8463	8081	A00035	A00051		6.00	1060.0000	10.00
A06-6935	A6693501SD	A	SD	AW60024903	APIIPest	SW8463	8081	A00035	A00051		6.00	1020.0000	10.00
A06-6935	A6693502	A	FS	AW60024904	APIIPest	SW8463	8081	A00035			6.00	1035.0000	10.00
A06-6935	A6693503	A	FS	AW60024905	APIIPest	SW8463	8081	A00035			6.00	1048.0000	10.00
A6B21333	A6B2133301		MSB	AW60024906	APIIPest	SW8463	8081	A00035	A00051		5.00	1000.0000	10.00
A6B21333	A6B2133302		MBLK	AW60024907	APIIPest	SW8463	8081	A00035			5.00	1000.0000	10.00
A6B21333	A6B2133301		MSB	AW60024899	PCBS	SW8463	8082	A00035	A00222		5.00	1000.0000	10.00
A6B21333	A6B2133302		MBLK	AW60024900	PCBS	SW8463	8082	A00035			5.00	1000.0000	10.00

STL Buffalo
Date: 06/26/2006
Time: 16:06:14

Organic Prep Log Book
(3510C) 8082 H2O
A6B21333 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 1000.00 ul

Date Ext/Initials: 06/19/2006 EKD

Date Cleanup/Initials: 06/19/2006 KAS

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: 06/19/2006 KAS

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	Protoc	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A06-6915	A6691505	A	FS	AW60024908	PCBS	SW8463	8082	A00035			6.00	1060.0000	10.00
A06-6915	A6691506	A	FS	AW60024909	PCBS	SW8463	8082	A00035			6.00	1050.0000	10.00
A06-6915	A6691507	A	FS	AW60024910	PCBS	SW8463	8082	A00035			6.00	1060.0000	10.00
A06-6915	A6691508	A	FS	AW60024911	PCBS	SW8463	8082	A00035			6.00	1050.0000	10.00
A06-6915	A6691509	A	FS	AW60024912	PCBS	SW8463	8082	A00035			6.00	1060.0000	10.00
A06-6915	A6691510	A	FS	AW60024913	PCBS	SW8463	8082	A00035			6.00	1050.0000	10.00
A06-6915	A6691510MS	A	MS	AW60024914	PCBS	SW8463	8082	A00035	A00222		6.00	1060.0000	10.00
A06-6915	A6691510SD	A	SD	AW60024915	PCBS	SW8463	8082	A00035	A00222		6.00	1060.0000	10.00
A06-6927	A6692701	A	FS	AW60024916	PCBS	SW8463	8082	A00035			6.00	1060.0000	10.00
A06-6927	A6692702	A	FS	AW60024917	PCBS	SW8463	8082	A00035			6.00	1055.0000	10.00
A06-6927	A6692703	A	FS	AW60024918	PCBS	SW8463	8082	A00035			6.00	1060.0000	10.00
A06-6927	A6692704	A	FS	AW60024919	PCBS	SW8463	8082	A00035			6.00	1060.0000	10.00
A06-6927	A6692705	A	FS	AW60024920	PCBS	SW8463	8082	A00035			6.00	1048.0000	10.00
A06-6928	A6692801	A	FS	AW60024921	PCBS	SW8463	8082	A00035			6.00	1055.0000	10.00
A06-6928	A6692802	A	FS	AW60024922	PCBS	SW8463	8082	A00035			6.00	1050.0000	10.00

Comments:

STIL Buffalo
Date: 06/19/2006
Time: 14:34:33

Organic Prep Log Book
(3510C) ~~8082~~ H2O 8081/8082 Batch
A6B21333
Kas 6/19/06

Rept: AN0501

SURROGATE A35
Expiration Date: 11-26-06
Prepared by: cm
Spiked by: TGS
Witnessed by:
1000.00 ul

MATRIX SPIKE A51/A222
Expiration Date: 7-17-06/9-24-06
Prepared by: cm/cm
Spiked by: TGS/TGS
Witnessed by:
5000.00 ul/1000.00ul

MeCl2: C18E35
Acetone:
Hexane: C03E80
Na2So4: 5-26-06
1:1 H2SO4:
10 N NaOH:

Date Ext/Initials: 06/19/2006 EKD

Date Cleanup/Initials: 06/19/2006 KAS

Extraction Type: (SEPF) or CLLE (circle one)

AQUEOUS EXTRACTIONS

Date Conc/Initials: 06/19/2006 KAS TGS

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	Protoc	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A06-6935	A6693501	A	FS	AW60024894	APIIPCB	SW8463	8082	A00035		tan	6	1060	10.0
A06-6935	A6693501MS		MS	AW60024895	APIIPCB	SW8463	8082	A00035	A00222			1020	
A06-6935	A6693501SD		SD	AW60024896	APIIPCB	SW8463	8082	A00035	A00222			1020	
A06-6935	A6693502		FS	AW60024897	APIIPCB	SW8463	8082	A00035		yellow		1035	
A06-6935	A6693503		FS	AW60024898	APIIPCB	SW8463	8082	A00035		yellow-orange		1048	
A6B21333	A6B2133301		MSB	AW60024899	APIIPCB	SW8463	8082	A00035	A00222	clear	5	1000	
A6B21333	A6B2133302		MBLK	AW60024900	APIIPCB	SW8463	8082	A00035					
A06-6935	A6693501	A	FS	AW60024901	APIIPest	SW8463	8081	A00035		tan	6	1060	
A06-6935	A6693501MS		MS	AW60024902	APIIPest	SW8463	8081	A00035	A00051			1060	
A06-6935	A6693501SD		SD	AW60024903	APIIPest	SW8463	8081	A00035	A00051			1020	
A06-6935	A6693502		FS	AW60024904	APIIPest	SW8463	8081	A00035		yellow		1035	
A06-6935	A6693503		FS	AW60024905	APIIPest	SW8463	8081	A00035		yellow-orange		1048	
A6B21333	A6B2133301		MSB	AW60024906	APIIPest	SW8463	8081	A00035	A00051	clear	5	1000	
A6B21333	A6B2133302		MBLK	AW60024907	APIIPest	SW8463	8081	A00035					
A6B21333	A6B2133301		MSB	AW60024899	PCBS	SW8463	8082	A00035	A00222				
A6B21333	A6B2133302		MBLK	AW60024900	PCBS	SW8463	8082	A00035					

STL Buffalo
Date: 06/19/2006
Time: 14:34:33

Organic Prep Log Book
(3510C) 8082 H2O
A6B21333

Rept: AN0501

SURROGATE
Expiration Date: _____
Prepared by: _____
Spiked by: _____ 1000.00 ul
Witnessed by: _____

MATRIX SPIKE
Expiration Date: _____
Prepared by: _____
Spiked by: _____ 1000.00 ul
Witnessed by: _____

MeCl2: _____
Acetone: _____
Hexane: _____
Na2So4: _____
1:1 H2SO4: _____
10 N NaOH: _____

Date Ext/Initials: 06/19/2006 _____

Date Cleanup/Initials: 06/19/2006 _____

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: 06/19/2006 _____

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	Protoc	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A06-6915	A6691505	A	FS	AW60024908	PCBS	SW8463	8082	A00035		yellow-orange	5	1060	10.0
A06-6915	A6691506		FS	AW60024909	PCBS	SW8463	8082	A00035		↓	6	1050	
A06-6915	A6691507		FS	AW60024910	PCBS	SW8463	8082	A00035		Cloudy grey		1060	
A06-6915	A6691508		FS	AW60024911	PCBS	SW8463	8082	A00035		yellow-orange		1050	
A06-6915	A6691509		FS	AW60024912	PCBS	SW8463	8082	A00035		Cloudy yellow		1060	
A06-6915	A6691510		FS	AW60024913	PCBS	SW8463	8082	A00035		yellow-orange		1050	
A06-6915	A6691510MS		MS	AW60024914	PCBS	SW8463	8082	A00035	A00222	↓		1060	
A06-6915	A6691510SD		SD	AW60024915	PCBS	SW8463	8082	A00035	A00222	↓	↓	1060	
A06-6927	A6692701		FS	AW60024916	PCBS	SW8463	8082	A00035		Yellow	6	1060	
A06-6927	A6692702		FS	AW60024917	PCBS	SW8463	8082	A00035		↓		1055	
A06-6927	A6692703		FS	AW60024918	PCBS	SW8463	8082	A00035		Cloudy yellow		1060	
A06-6927	A6692704		FS	AW60024919	PCBS	SW8463	8082	A00035		↓		1060	
A06-6927	A6692705		FS	AW60024920	PCBS	SW8463	8082	A00035		yellow		1045	
A06-6928	A6692801		FS	AW60024921	PCBS	SW8463	8082	A00035		orange		1055	
A06-6928	A6692802	↓	FS	AW60024922	PCBS	SW8463	8082	A00035		Clear	↓	1050	↓

Comments: Gas flow checked. EKO 6-19-06 relog 6-21-06 715mw

476/1248

STL Buffalo
Date: 07/07/2006
Time: 16:29:31

Organic Prep Log Book
(3510C) 8082 WATERS
A6B21799 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 1000.00 ul

Date Ext/Initials: 06/27/2006 AJ

Date Cleanup/Initials: 06/27/2006 BM

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: 06/27/2006 BM

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	Protoc	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A06-7199	A6719901	A	FS	AW60025539	WISCPCBS	SW8463	8082	A00035			7.00	1060.0000	10.00
A6B21799	A6B2179901	Z	MSB	AW60025540	WISCPCBS	SW8463	8082	A00035	A00222		5.00	1000.0000	10.00
A6B21799	A6B2179902	Z	MSBD	AW60025541	WISCPCBS	SW8463	8082	A00035	A00222		5.00	1000.0000	10.00
A6B21799	A6B2179903	Z	MBLK	AW60025542	WISCPCBS	SW8463	8082	A00035			5.00	1000.0000	10.00
A6B21799	A6B2179901	Z	MSB	AW60025540	8082 PCB	SW8463	8082	A00035	A00222		5.00	1000.0000	10.00
A6B21799	A6B2179902	Z	MSBD	AW60025541	8082 PCB	SW8463	8082	A00035	A00222		5.00	1000.0000	10.00
A6B21799	A6B2179903	Z	MBLK	AW60025542	8082 PCB	SW8463	8082	A00035			5.00	1000.0000	10.00
A06-7183	A6718301	A	FS	AW60025543	8082 PCB	SW8463	8082	A00035			7.00	1030.0000	10.00
A6B21799	A6B2179901	Z	MSB	AW60025540	PCBS	SW8463	8082	A00035	A00222		5.00	1000.0000	10.00
A6B21799	A6B2179902	Z	MSBD	AW60025541	PCBS	SW8463	8082	A00035	A00222		5.00	1000.0000	10.00
A6B21799	A6B2179903	Z	MBLK	AW60025542	PCBS	SW8463	8082	A00035			5.00	1000.0000	10.00
A06-7101	A6710101	A	FS	AW60025544	PCBS	SW8463	8082	A00035			6.00	1050.0000	10.00
A06-7101	A6710102	A	FS	AW60025545	PCBS	SW8463	8082	A00035			6.00	1055.0000	10.00
A06-7101	A6710103	A	FS	AW60025546	PCBS	SW8463	8082	A00035			6.00	1060.0000	10.00
A06-7101	A6710104	A	FS	AW60025547	PCBS	SW8463	8082	A00035			6.00	1060.0000	10.00
A06-7101	A6710105	A	FS	AW60025548	PCBS	SW8463	8082	A00035			6.00	1060.0000	10.00

STL Buffalo
Date: 07/07/2006
Time: 16:29:31

Organic Prep Log Book
(3510C) 8082 WATERS
A6B21799 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 1000.00 ul

Date Ext/Initials: 06/27/2006 AJ

Date Cleanup/Initials: 06/27/2006 BM

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: 06/27/2006 BM

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	Protoc	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A6B21799	A6B2179901	Z	MSB	AW60025540	PCBS	SW8463	8082	A00035	A00222		5.00	1000.0000	10.00
A6B21799	A6B2179902	Z	MSBD	AW60025541	PCBS	SW8463	8082	A00035	A00222		5.00	1000.0000	10.00
A6B21799	A6B2179903	Z	MBLK	AW60025542	PCBS	SW8463	8082	A00035			5.00	1000.0000	10.00
A06-7155	A6715501	A	FS	AW60025549	PCBS	SW8463	8082	A00035			6.00	1060.0000	10.00
A06-7155	A6715502	A	FS	AW60025550	PCBS	SW8463	8082	A00035			6.00	1060.0000	10.00
A06-7155	A6715504	A	FS	AW60025552	PCBS	SW8463	8082	A00035			6.00	1050.0000	10.00
A06-7155	A6715510	A	FS	AW60025554	PCBS	SW8463	8082	A00035			6.00	1010.0000	10.00
A06-7155	A6715503	A	FS	AW60025684	PCBS	SW8463	8082	A00035			6.00	1050.0000	10.00
A06-7155	A6715508	A	FS	AW60025685	PCBS	SW8463	8082	A00035			6.00	990.0000	10.00
A6B21799	A6B2179901	Z	MSB	AW60025540	PCBS	SW8463	8082	A00035	A00222		5.00	1000.0000	10.00
A6B21799	A6B2179902	Z	MSBD	AW60025541	PCBS	SW8463	8082	A00035	A00222		5.00	1000.0000	10.00
A6B21799	A6B2179903	Z	MBLK	AW60025542	PCBS	SW8463	8082	A00035			5.00	1000.0000	10.00
A06-7162	A6716201	A	FS	AW60025555	PCBS	SW8463	8082	A00035			6.00	1000.0000	10.00
A06-7273	A6727301	A	FS	AW60025556	PCBS	SW8463	8082	A00035			6.00	560.0000	10.00

Comments:

TL Buffalo
ate: 06/27/2006
ime: 07:53:24

Organic Prep Log Book
(3510C) 8082 WATERS
A6B21799

Rept: AN0501

Cat# B48647

SURROGATE A35
Expiration Date: 11-26-06
Prepared by: CM
Spiked by: RJ 1000.00 ul
Witnessed by:

MATRIX SPIKE A222
Expiration Date: 9-29-06
Prepared by: CM
Spiked by: RJ 1000.00 ul
Witnessed by:

MeCl2: CL19833
Acetone:
Hexane: C03880
Na2So4: 6-26-06
conc ~~1:1~~ H2SO4: 95%
10 N NaOH:

Date Ext/Initials: 6-27-06 RJ

Date Cleanup/Initials: 6-27-06 RJ

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: 6-27-06 RJ

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	Protoc	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A06-7199	A6719901	A	FS	AW60025539	WISCPCBS	SW8463	8082	A00035		brown	7	1060	10.0
A6B21799	A6B2179901		MSB Cat#	AW60025540	WISCPCBS	SW8463	8082	A00035	A00222	Clear	5	1000	
A6B21799	A6B2179902		MSBD	AW60025541	WISCPCBS	SW8463	8082	A00035	A00222				
A6B21799	A6B2179903		MBLK	AW60025542	WISCPCBS	SW8463	8082	A00035					
A6B21799	A6B2179901		MSB	AW60025540	8082 PCB	SW8463	8082	A00035	A00222				
A6B21799	A6B2179902		MSBD	AW60025541	8082 PCB	SW8463	8082	A00035	A00222				
A6B21799	A6B2179903		MBLK	AW60025542	8082 PCB	SW8463	8082	A00035					
A06-7183	A6718301	A	FS	AW60025543	8082 PCB	SW8463	8082	A00035		black	7	1030	
A6B21799	A6B2179901		MSB Cat#	AW60025540	PCBS	SW8463	8082	A00035	A00222	Clear	5	1000	
A6B21799	A6B2179902		MSBD Cat#	AW60025541	PCBS	SW8463	8082	A00035	A00222				
A6B21799	A6B2179903		MBLK Cat#	AW60025542	PCBS	SW8463	8082	A00035					
A06-7101	A6710101	A	FS conc	AW60025544	PCBS	SW8463	8082	A00035		brown	6	1050	
A06-7101	A6710102		FS	AW60025545	PCBS	SW8463	8082	A00035		Yellow		1055	
A06-7101	A6710103		FS	AW60025546	PCBS	SW8463	8082	A00035				1060	
A06-7101	A6710104		FS	AW60025547	PCBS	SW8463	8082	A00035		Clear			
A06-7101	A6710105		FS	AW60025548	PCBS	SW8463	8082	A00035		H. Yellow			

L Buffalo
te: 06/27/2006
me: 07:53:24

Organic Prep Log Book
(3510C) 8082 WATERS
A6B21799

Rept: AN0501

SURROGATE
Expiration Date: _____
Prepared by: _____
Spiked by: _____ 0.00 ul
Witnessed by: _____

MATRIX SPIKE
Expiration Date: _____
Prepared by: _____
Spiked by: _____ 0.00 ul
Witnessed by: _____

MeCl2: _____
Acetone: _____
Hexane: _____
Na2So4: _____
1:1 H2SO4: _____
10 N NaOH: _____

Date Ext/Initials: _____ _____

Date Cleanup/Initials: _____ _____

Extraction Type: SEPF or CLLE (circle one)

AQUEOUS EXTRACTIONS

Date Conc/Initials: _____ _____

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	Protoc	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A6B21799	A6B2179901		MSB	AW60025540	PCBS	SW8463	8082	A00035	A00222	Clear	5	1000	10.0
A6B21799	A6B2179902		MSBD	AW60025541	PCBS	SW8463	8082	A00035	A00222				
A6B21799	A6B2179903		MBLK	AW60025542	PCBS	SW8463	8082	A00035					
A06-7155	A6715501	A	FS	AW60025549	PCBS	SW8463	8082	A00035		orange	6	1060	
A06-7155	A6715502		FS	AW60025550	PCBS	SW8463	8082	A00035				1060	
A06-7155	A6715503		FS	AW60025551	PCBS	SW8463	8082	A00035				1050	
A06-7155	A6715504		FS	AW60025552	PCBS	SW8463	8082	A00035				1050	
A06-7155	A6715508		FS	AW60025553	PCBS	SW8463	8082	A00035		Clear brown		990	
A06-7155	A6715510		FS	AW60025554	PCBS	SW8463	8082	A00035				1010	
A6B21799	A6B2179901		MSB	AW60025540	PCBS	SW8463	8082	A00035	A00222	Clear	5	1000	
A6B21799	A6B2179902		MSBD	AW60025541	PCBS	SW8463	8082	A00035	A00222				
A6B21799	A6B2179903		MBLK	AW60025542	PCBS	SW8463	8082	A00035					
A06-7162	A6716201		FS	AW60025555	PCBS	SW8463	8082	A00035		yellow	6	1000	
A06-7273	A6727301		FS	AW60025556	PCBS	SW8463	8082	A00035		brown		560	

Comments: GPS Flow checked: 6-27-06 m
R1 6-27-06 m

480/1248

GC INJECTION LOG BOOK

000042

INSTRUMENT ID HP5890-12 COLUMN ID'S A ZB-5 B ZB-35 SEQUENCE 45

SYRINGE LOT # SOLVENT LOT #

DATE & INIT.	JOB #	A VIAL ID	A DF	B VIAL ID	B DF	FILE ID A	FILE ID B	GC METHOD	PROCESS Y/N	COMMENTS
4/8/96	GC	AS6026148	MDLL			133				
	6259	26141	X100							
		26142	X5000			135				
		26142	X1000							
		26143	X200							
		26144	X20							
		26145	X20							
		26146	X100							
	CCV	ICM46MR	0.5			140				
	JBLK	ICM3JAB	0.3							A 1014 1200 TMAX B 1016 1200 TMAX
4/11/96	—	PRIMER								A CLEAN B CLEAN
	ICAL	ICM215A	0.5			143-152		TWAB	X	A B
	ACM	ACM21GA	0.4			153				
	ICAL	ICM32HA	0.5							OK OK
	ACM	ACM32CA	0.4			155				
	ICAL	ICM42TA	0.5							OK OK
	ACM	ACM42PA	0.4							
	ICAL	ICM48SA	0.5							OK OK
	ACM	ACM48HA	0.4			160				
	ICAL	ICM54VB	0.5							OK OK
	ACM	ACM54SA	0.4							
	ICAL	ICM46NC	2.5							OK OK
		ND	1.0							
		MK	0.5			165				
		NL	0.25							
		NP	0.1							
		NG	0.05			165				

481/1248

SEVERN TRENT LABORATORIES, INC. – BUFFALO

GC INJECTION LOG BOOK

INSTRUMENT ID HP5890-12 COLUMN ID'S A ~~ZB-5~~ B ZB-35 SEQUENCE 45

SYRINGE LOT # SOLVENT LOT #

DATE & INIT.	JOB #	A VIAL ID	DF	B VIAL ID	DF	FILE ID A	FILE ID B	GC METHOD	PROCESS Y/N	COMMENTS
6/6/06	ICAL	ICM 66 NB	0.025			169		TxbA+B	(Y)	
	ACM	ACM66FA	0.6			170		↓	↓	(A) OK (B) OK
DW		Primer				.		—	←	
6-12-06		↓				.		—	—	
		d				.		—	—	
	CCV	ICM66NK	0.5			.			(X)	(A) OK (B) OK 6/15/2006
	CCV	54VE	0.5			175				OK OK
	CCV	48SA	0.5			.				OK OK
	CCV	42IA	0.5			.				OK OK
	CCV	32HA	0.5			.				OK OK
	CCV	21SA	0.5			.				OK OK
	IBLK	3JAB	0.03			180			↓	Clean Clean
6-14-06 DWB		primer							—	
		primer							—	
		primer							—	
	CCV	ICM66NK	0.5							A OK B OK
	CCV	ICM54VE	0.5			185				A ~~6-14-06~~ DWB OK B ~~TICMx1~~ OK
	IBLK	ICM 3JAB	0.03							A clean B clean.
		A8600 26357							(Y)	
	6632	26358								
		26359								
		26360				190				
		26361								
		26362								
		26364		26363 10						
		26365								
		26366				195/196	6/14 6 am			

SEVERN TRENT LABORATORIES, INC. – BUFFALO 000643 REVIEWED BY

482/1248

GC INJECTION LOG BOOK

INSTRUMENT ID HD5890-12 COLUMN ID'S A ZB-5 B ZB-35 000648 SEQUENCE 4/5

SYRINGE LOT # SOLVENT LOT #

DATE & INIT.	JOB #	A VIAL ID	A DF	B VIAL ID	B DF	FILE ID A	FILE ID B	GC METHOD	PROCESS Y/N	COMMENTS
4/26	CCV	ICM6GNK	C5			97				A✓ BOK
	CCV	ICM54VG	C5							A✓ BOK
	IBLK	ICM3JAB	C3							Aclear Bclear
	QC.	AW6002488	MJB			100				Cntk
		24889	MBLK							Cntk
		24890	MJB							
		24900	MBLK							
	6914	24870								
		24871				105				
		24872								
		24873								
		24874								
	↓	24875	MJ							
	CCV	ICM6GNK	C5			110				A✓ BOK
	IBLK	ICM3JAB	C3							AClear Bclear
	6914	AW6002487	6D							
		24877								
		24878								
		24879				115				
		24880								
		24881								
		24882								
		24883								
	6915	24884				120				
	↓	24885								
	CCV	ICM54VG	C5							
	IBLK	ICM3JAB	C3			123				A✓ B OK Aclear B clear

483/1248

GC INJECTION LOG BOOK

SEQUENCE 4/C

GC INJECTION LOG BOOK

INSTRUMENT ID HPJ890-12 COLUMN ID'S A 2B-J B 2B-3J SEQUENCE 4/6

SYRINGE LOT # SOLVENT LOT #

DATE & INIT.	JOB #	A VIAL ID	DF	B VIAL ID	DF	FILE ID A	FILE ID B	GC METHOD	PROCESS Y / N	COMMENTS
6/24	6915	AWL00 24886				124		TVOA		
	↓	24887				125				Cont
	6915	24908								
		24909								
		24910								
		24911								
		24912				130				
		24913								
		24914	MS							
	↓	24915	SD							
	CCV	ICM66NK	C.5							A 1016, 1200K, TMXO B OK
	IBLK	ICM3JAB	C.3			135				A CLEAN B CLEAN
	6904	AWL00 24890								
		24891	MS							
		24892	SD							
	↓	24893								
	6935	24894				140				
		24895	MS							
		24896	SD							
		24897								
	↓	24898								
	CCV	ICM54UG	C.5			145				A ↓ A OK
	IBLK	ICM3JAB	C.3							A CLEAN B CLEAN
	6927	AWL00 24916								
		24917								
		24918								
	↓	24919				150				

000049

SEVERN TRENT LABORATORIES, INC. – BUFFALO

REVIEWED BY

48411248

GC INJECTION LOG BOOK

INSTRUMENT ID HP5890-12 COLUMN ID'S A ZB-5 B ZB-35 SEQUENCE 45/47

SYRINGE LOT # SOLVENT LOT #

DATE & INIT.	JOB #	A VIAL ID	A DF	B VIAL ID	B DF	FILE ID A	FILE ID B	QC METHOD	PROCESS Y / N	COMMENTS
4/24/96 CB	IBLK	ICM3JAB	C=3			232				A CLEAN B CLEAN
4/27/96 CM	—	PRIMER				C1			—	NEW SEQUENCE 47
	—								—	
	—								—	
	CCV	ICM166NL	0.5							A ↓ B OK
	CCV	ICM354VF	0.5			05				A ↓ B OK
	CCV	ICM348JA	0.5							A ↓ B OK
	CCV	ICM342TA	0.5							A ↓ B OK
	CCV	ICM332HA	0.5							A ↓ B OK
	CCV	ICM312JA	0.5							A ↓ B OK
	IBLK	ICM3KD	C=3			10				A CLEAN B CLEAN
	QC.	AS600 27103	MSB							CuH
		27104	MSBD							CuH
		27105	MBLK							CuH
	7J54	27101								CuH
		27102	45			15				CuH
	7J79	27106								CuH
	CCV	ICM354VF	0.5							A ↓ B OK
4/28/96 CM	IBLK	ICM3KD	C=3							A CLEAN B CLEAN
	—	PRIMER							—	
	—					20			—	
	—							NCB		
	CCV	ICM166NL	0.5							A ↓ B OK
	CCV	ICM354VF	0.5							A ↓ B OK
	IBLK	ICM3KD	C=3							A CLEAN B CLEAN
	QC.	AW600 25540	MSB			25				CuH
		25541	MSBD			26				CuH

GC INJECTION LOG BOOK

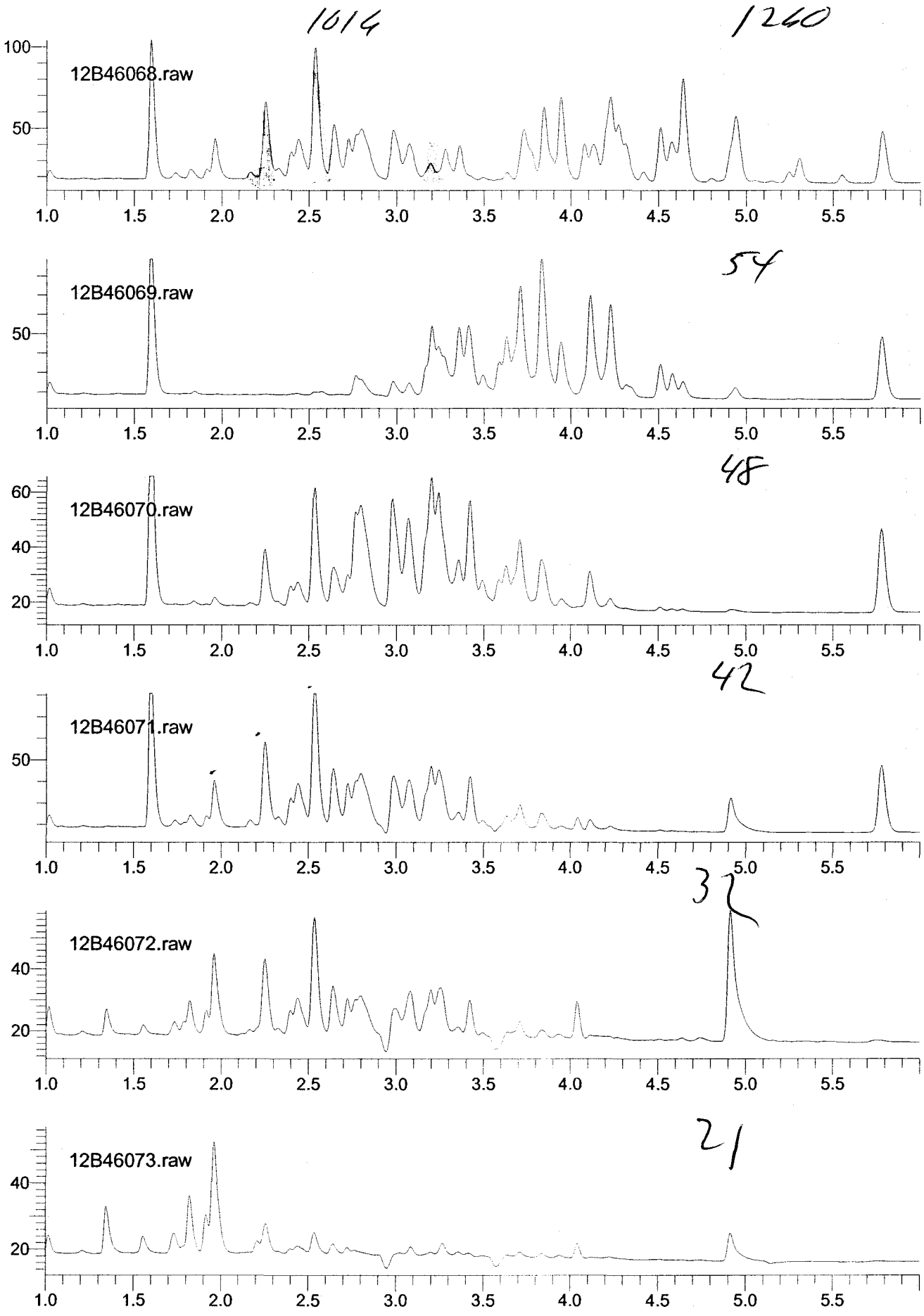
000054

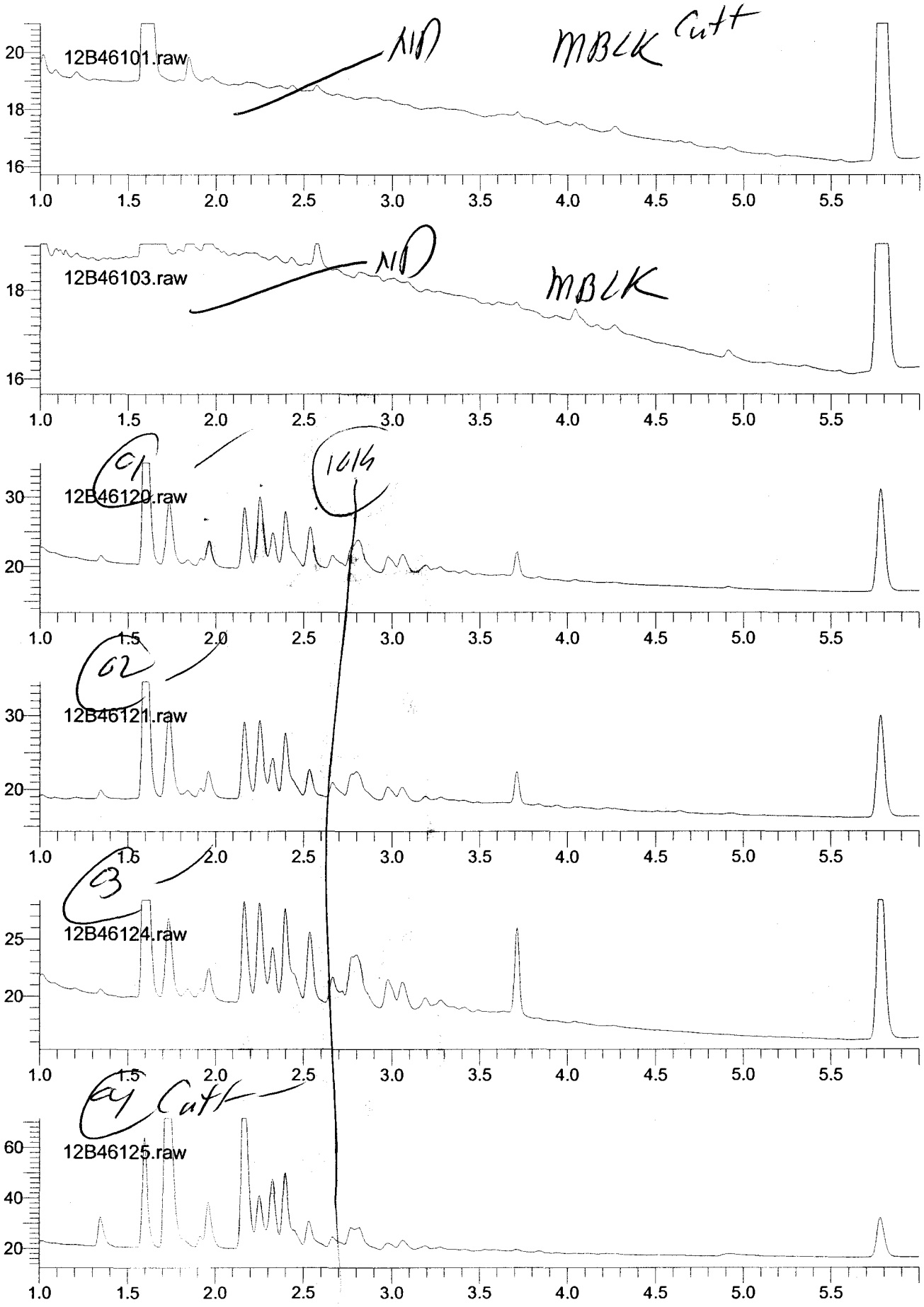
INSTRUMENT ID HP5890-12 COLUMN ID'S A 225 B 2033 SEQUENCE 47

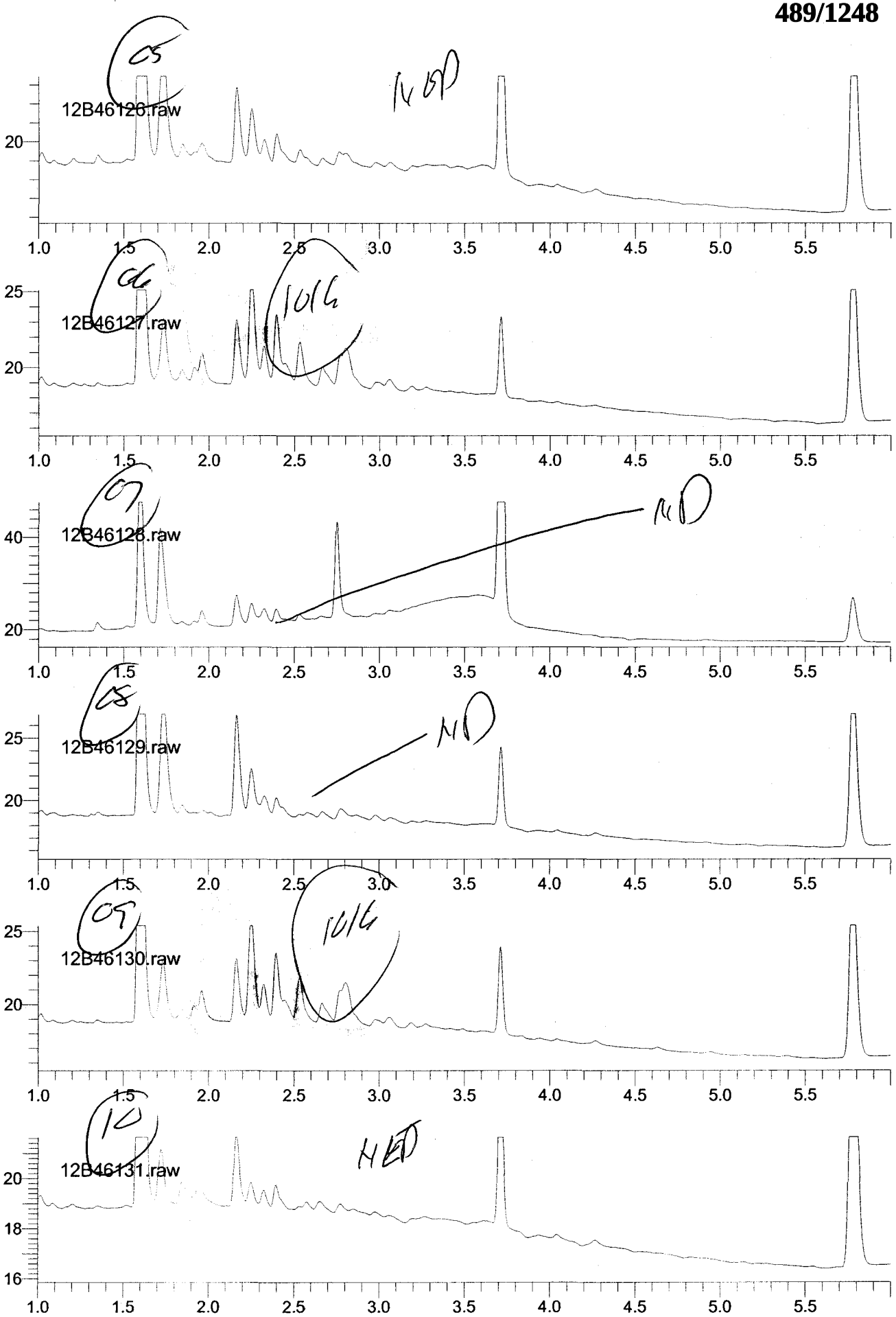
SYRINGE LOT # SOLVENT LOT #

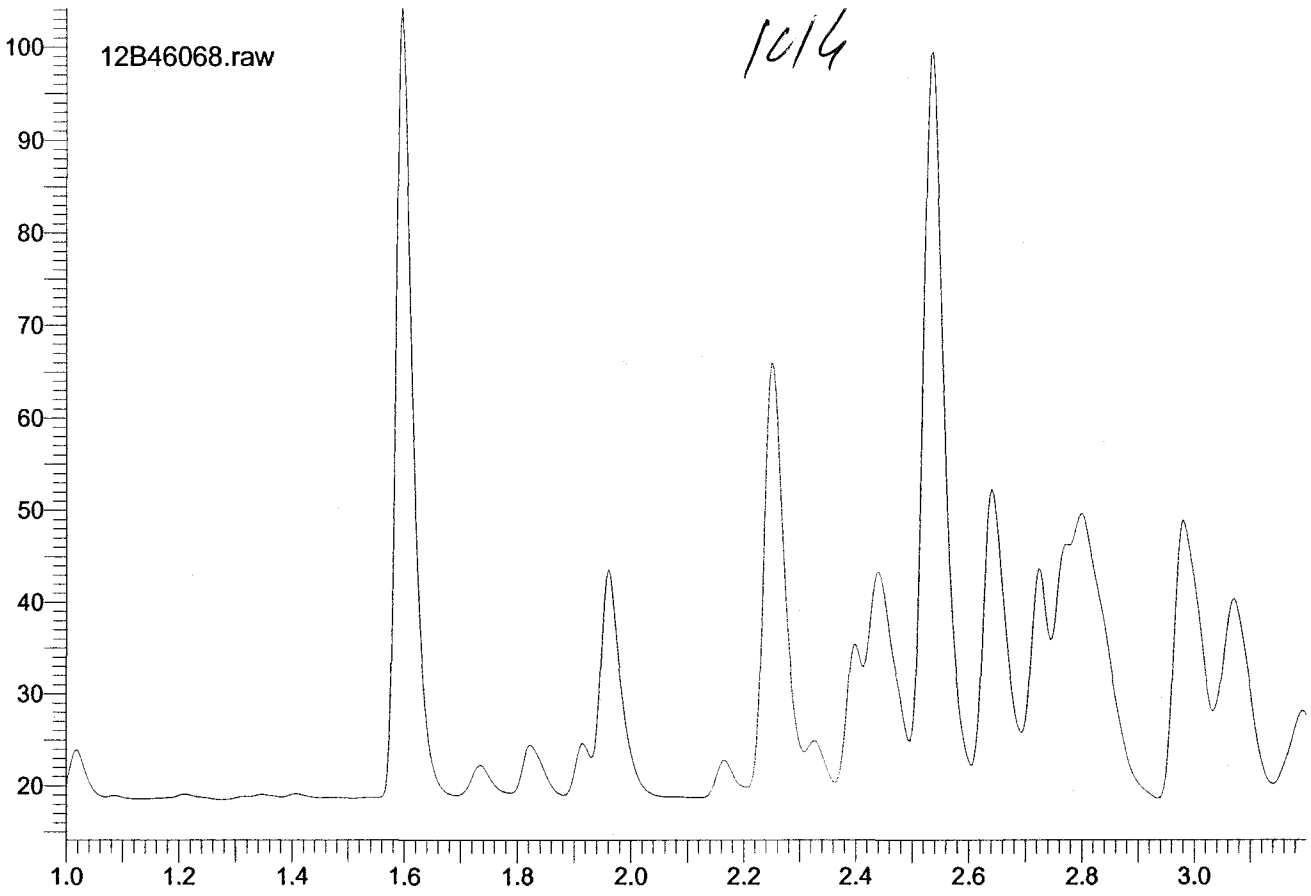
DATE & INIT.	JOB #	A VIAL ID	DF	B VIAL ID	DF	FILE ID A	FILE ID B	GC METHOD	PROCESS Y/N	COMMENTS
4/28	QC	AW600 25542	MBLK			27				Cutt
	7/42	25535								
	7273	25536								
	7199	25537				30				
	7183	25543								Cutt
	7101	25544								
		25545								
		25546								
	CCV	ICM54 VF	05			35				A ↓ B OK
	IBLK	ICM3 KD	0.03							A CLEAN B CLEAN
	7101	AW600 25547								
		25548								
	7155	25549								
		25550				40				
		25551								
		25552								
		25553								
		25554								
	CCV	ICMLCNL	0.5			45				A ↓ BOK
	IBLK	ICM3KD	0.03							A clean B clean
	QC	AS600 27099	MSB							Cutt
		27100	MBLK							Cutt
	7141	27085								Cutt
		27086				50				Cutt
		27087	MS							Cutt
		27088	SD							Cutt
		27089				53				

48612248

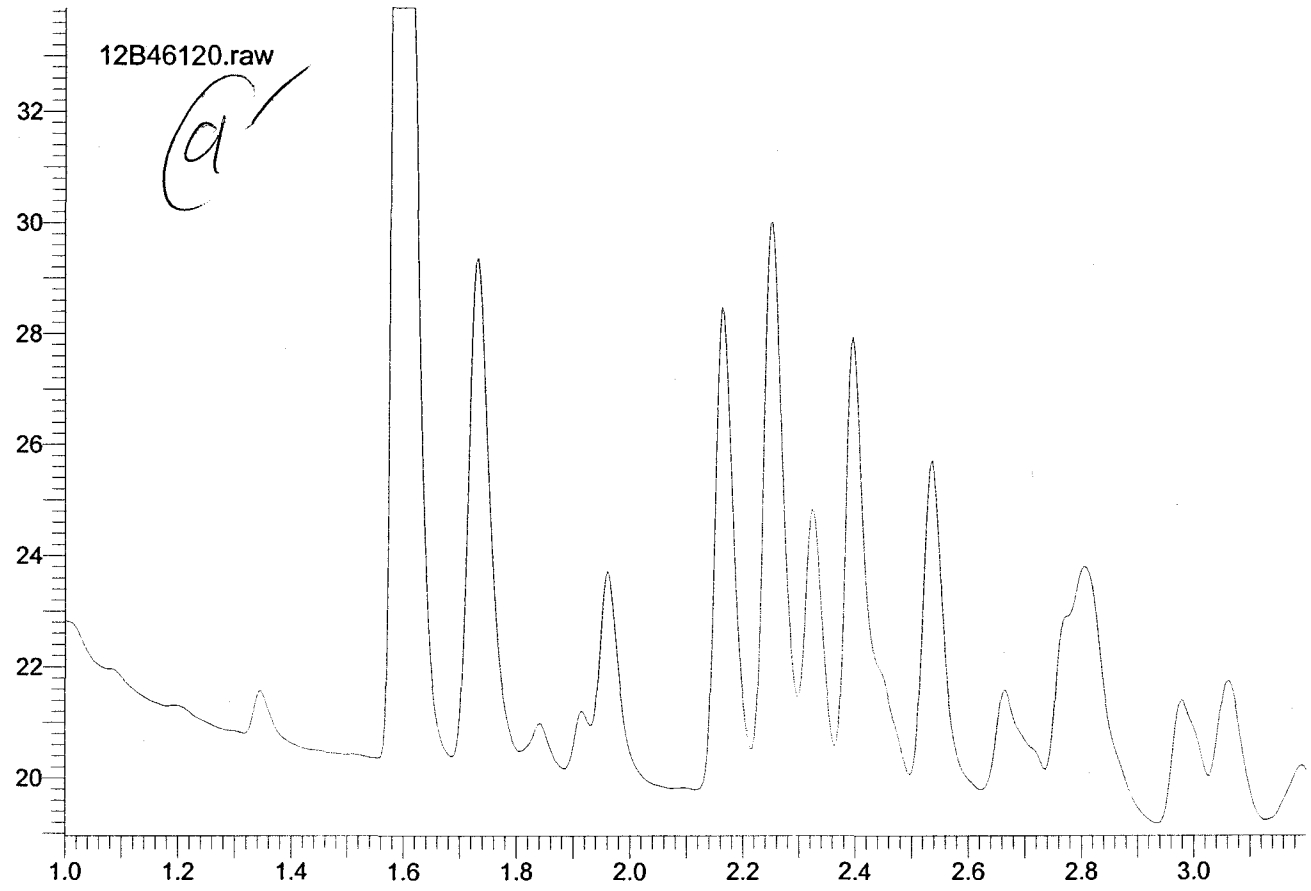

1014
1260
12B46068.raw
54
12B46069.raw
48
12B46070.raw
42
12B46071.raw
37
12B46072.raw
21
12B46073.raw
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5
5.0
5.5


12B46101.raw
ND
MBLK Cutt
12B46103.raw
ND
MBLK
C1
1014
12B46120.raw
C2
12B46121.raw
C3
12B46124.raw
C4 Cutt
12B46125.raw
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5
5.0
5.5

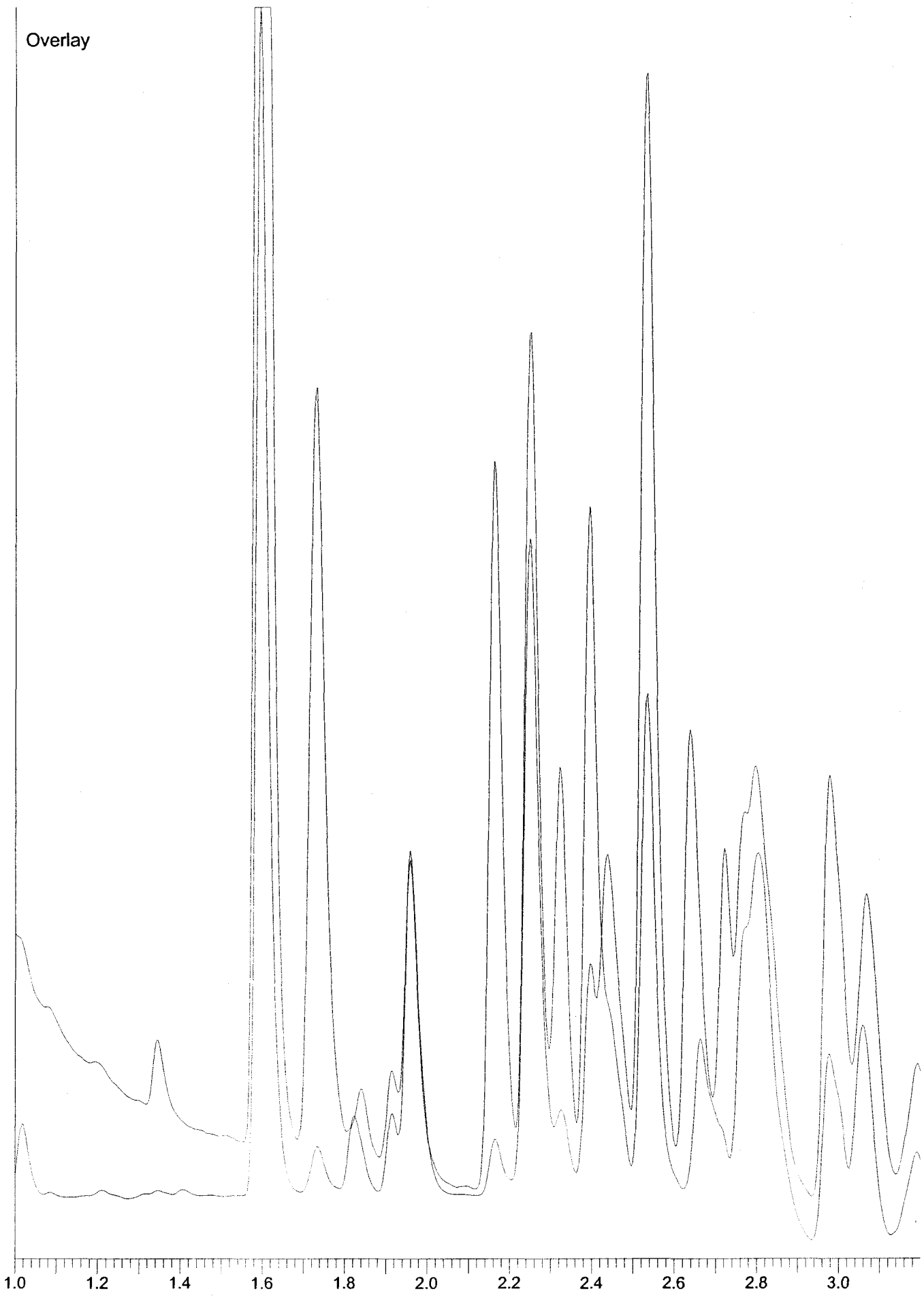

12B46126.raw
12B46127.raw
12B46128.raw
12B46129.raw
12B46130.raw
12B46131.raw
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5
5.0
5.5

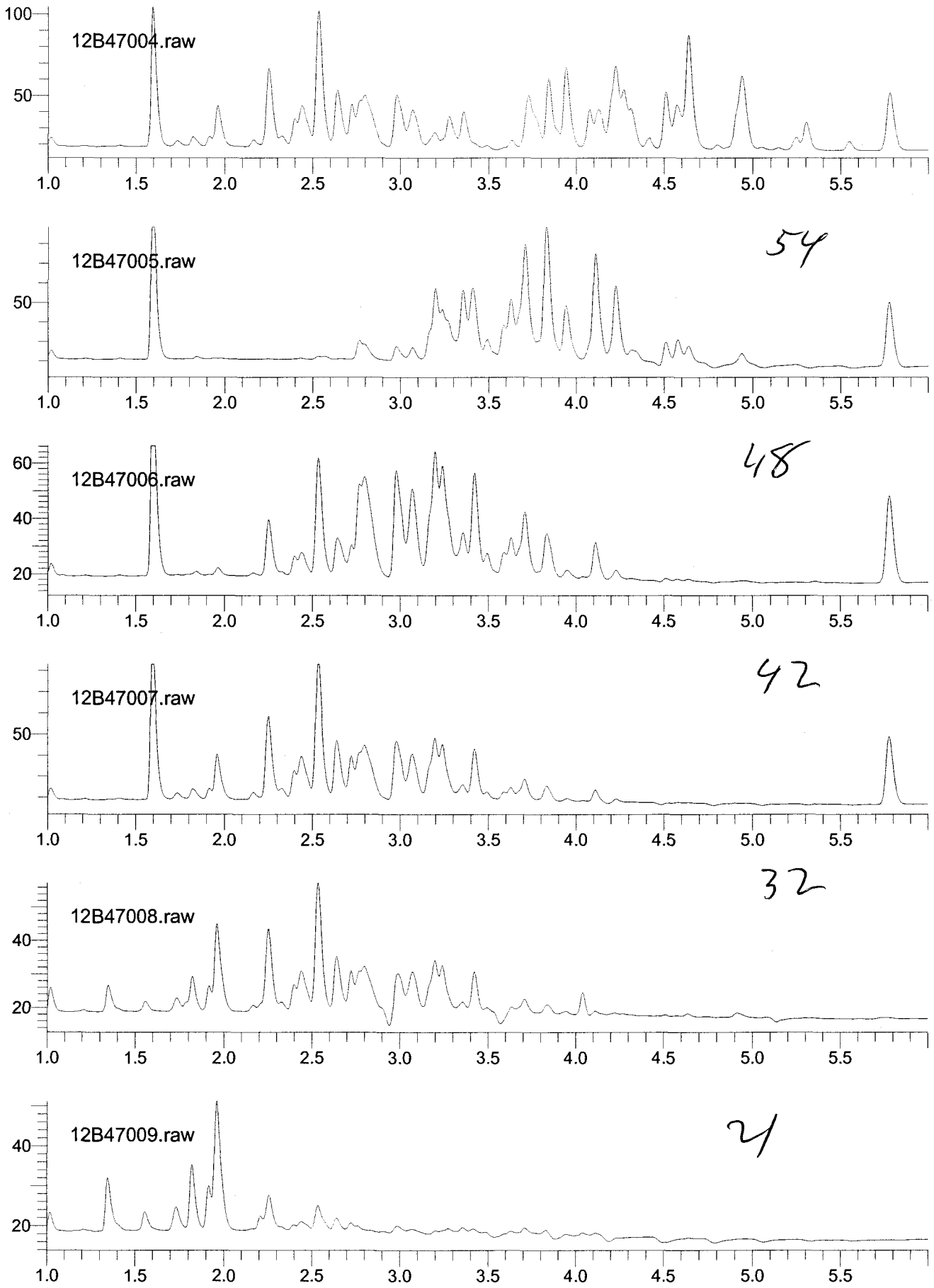

12B46068.raw
100
90
80
70
60
50
40
30
20
1.0
1.2
1.4
1.6
1.8
2.0
2.2
2.4
2.6
2.8
3.0

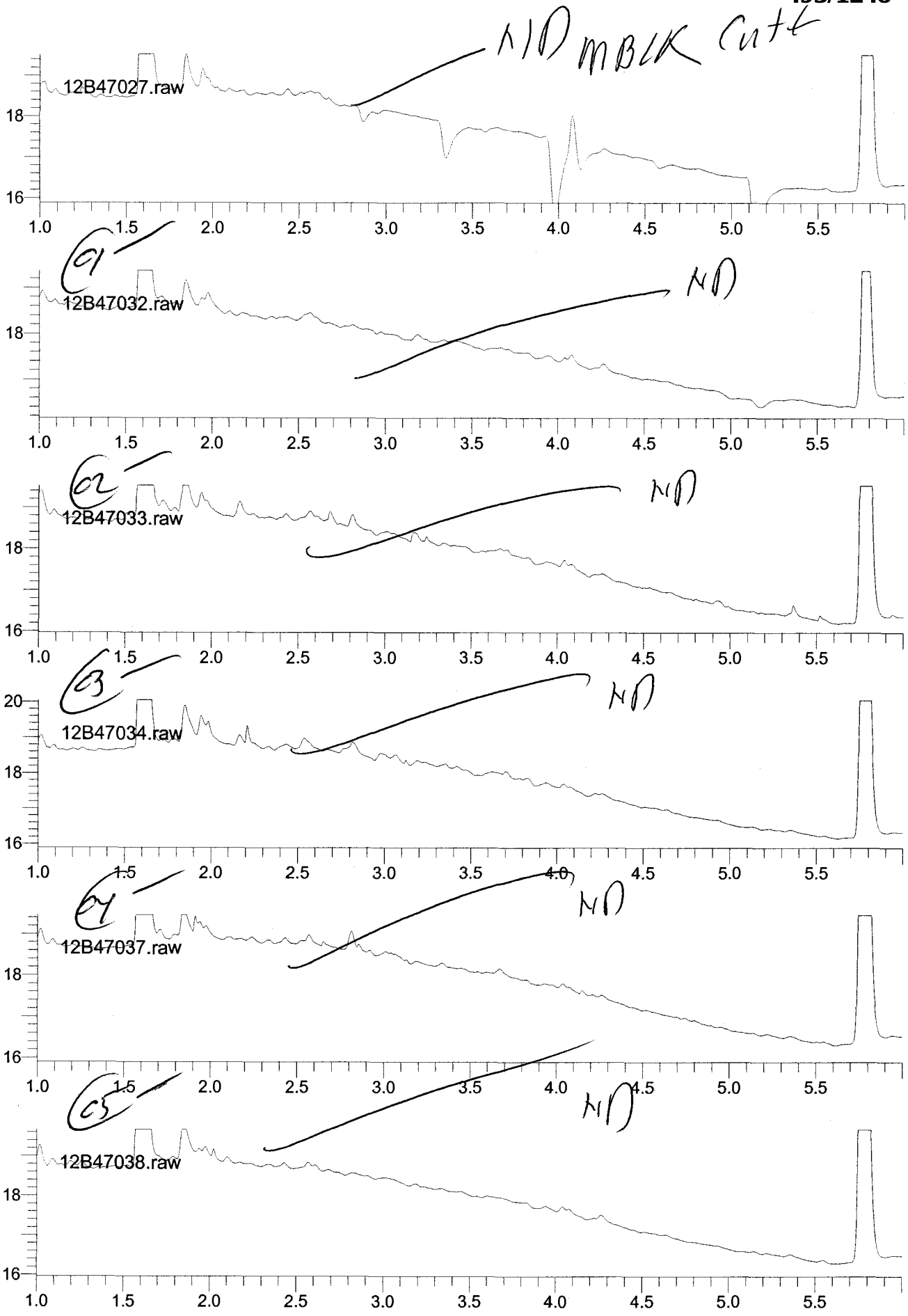
1C14


12B46120.raw
32
30
28
26
24
22
20
1.0
1.2
1.4
1.6
1.8
2.0
2.2
2.4
2.6
2.8
3.0

(a)


Overlay
1.0
1.2
1.4
1.6
1.8
2.0
2.2
2.4
2.6
2.8
3.0


12B47004.raw
100
50
1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5
12B47005.raw
54
50
1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5
12B47006.raw
48
60
40
20
1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5
12B47007.raw
42
50
1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5
12B47008.raw
32
40
20
1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5
12B47009.raw
21
40
20
1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5


ND MBLK Cnt
12B47027.raw
C1
ND
12B47032.raw
C2
ND
12B47033.raw
C3
ND
12B47034.raw
C4
ND
12B47037.raw
C5
ND
12B47038.raw
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5
5.0
5.5
16
18
20

Metals Data

STL BUFFALO

Ecology & Environment, Inc.

COVER PAGE - INORGANIC ANALYSIS DATA PACKAGE

Contract: NY04-571 SDG No.: A66915

Lab Code: STLBLFO Case No.: SAS No.:

SOW No.:

Sample ID.	Lab Sample No.
NM-MW-01-GW	A6710101
NM-MW-02-GW	A6691510
NM-MW-02-GW\MS	A6691510MS
NM-MW-02-GW\SD	A6691510SD
NM-MW-03-GW	A6710102
NM-MW-04-GW	A6710103
NM-MW-05-GW	A6710104
NM-MW-06-GW	A6710105
NM-MW-DEC-GW	A6691507
NM-MW-DOT-GW	A6691508
NM-MW-MPI-01-GW	A6691501
NM-MW-MPI-02-GW	A6691502
NM-MW-MPI-03-GW	A6691503
NM-MW-MPI-04-GW	A6691504
NM-MW-MPI-05-GW	A6691505
NM-MW-MPI-06-GW	A6691506
NM-MW-MPI-06-GW/D	A6691509

Were ICP interelement corrections applied? Yes/No YES

Were ICP background corrections applied? Yes/No YES

If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Tony Bogolin Name: Tony Bogolin

Date: 7/12/06 Title: Project Manager

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-01-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Matrix (soil/water): WATER Lab Sample ID: AD636749

Level (low/med): LOW Date Received: 6/22/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20900			P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	14.8			P
7440-39-3	Barium	147			P
7440-41-7	Beryllium	1.2			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	64300			P
7440-47-3	Chromium	22.6			P
7440-48-4	Cobalt	9.2			P
7440-50-8	Copper	26.8			P
7439-89-6	Iron	23200			P
7439-92-1	Lead	10.0			P
7439-95-4	Magnesium	20100			P
7439-96-5	Manganese	440			P
7440-02-0	Nickel	20.8			P
7440-09-7	Potassium	6160			P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	28200			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	32.7			P
7440-66-6	Zinc	57.2			P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-02-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Matrix (soil/water): WATER Lab Sample ID: AD635968

Level (low/med): LOW Date Received: 6/16/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	32.2			P
7440-41-7	Beryllium	0.11	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	41800			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	44600			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	9610			P
7439-96-5	Manganese	1150			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	1690			P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	5920			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-03-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Matrix (soil/water): WATER Lab Sample ID: AD636750

Level (low/med): LOW Date Received: 6/22/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	11.2			P
7440-41-7	Beryllium	0.17			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	68600			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	10.3			P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	105000			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	19500			P
7439-96-5	Manganese	2060			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	500	U		P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	10100			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-04-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Matrix (soil/water): WATER Lab Sample ID: AD636751

Level (low/med): LOW Date Received: 6/22/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1380			P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	23.5			P
7440-39-3	Barium	93.4			P
7440-41-7	Beryllium	0.15			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	58700			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	5.5			P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	111000			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	10600			P
7439-96-5	Manganese	1730			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	2260			P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	5410			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: YELLOW Clarity Before: CLOUDY Texture: NONE

Color After: YELLOW Clarity After: CLOUDY Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-05-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Matrix (soil/water): WATER Lab Sample ID: AD636752

Level (low/med): LOW Date Received: 6/22/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	98.9			P
7440-41-7	Beryllium	0.07			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	89100			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.6			P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	24000			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	17900			P
7439-96-5	Manganese	2960			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	841			P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	20900			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-06-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Matrix (soil/water): WATER Lab Sample ID: AD636753

Level (low/med): LOW Date Received: 6/22/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	85.0			P
7440-41-7	Beryllium	0.14			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	60300			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	8790			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	13900			P
7439-96-5	Manganese	665			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	935			P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	57300			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-DEC-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Matrix (soil/water): WATER Lab Sample ID: AD635965

Level (low/med): LOW Date Received: 6/16/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	93.9			P
7440-41-7	Beryllium	0.11	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	160000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	19500			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	30900			P
7439-96-5	Manganese	738			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	15000			P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	14400			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-DOT-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Matrix (soil/water): WATER Lab Sample ID: AD635966

Level (low/med): LOW Date Received: 6/16/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	693			P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	555			P
7440-41-7	Beryllium	0.17			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	177000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	84600			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	34300			P
7439-96-5	Manganese	453			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	3670			P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	5620			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-MPI-01-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Matrix (soil/water): WATER Lab Sample ID: AD635959

Level (low/med): LOW Date Received: 6/16/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	871			P
7440-41-7	Beryllium	0.11	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	188000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	90000			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	37800			P
7439-96-5	Manganese	412			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	3530			P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	6720			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-MPI-02-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Matrix (soil/water): WATER Lab Sample ID: AD635960

Level (low/med): LOW Date Received: 6/16/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	877			P
7440-41-7	Beryllium	0.18			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	197000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	91600			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	36200			P
7439-96-5	Manganese	461			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	3540			P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	6840			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-MPI-03-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Matrix (soil/water): WATER Lab Sample ID: AD635961

Level (low/med): LOW Date Received: 6/16/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	851			P
7440-41-7	Beryllium	0.11	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	196000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	86300			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	35000			P
7439-96-5	Manganese	389			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	3450			P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	5950			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-MPI-04-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Matrix (soil/water): WATER Lab Sample ID: AD635962

Level (low/med): LOW Date Received: 6/16/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	884			P
7440-41-7	Beryllium	0.11			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	180000			P
7440-47-3	Chromium	4.5			P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	97300			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	36600			P
7439-96-5	Manganese	233			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	4660			P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	10300			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-MPI-05-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Matrix (soil/water): WATER Lab Sample ID: AD635963

Level (low/med): LOW Date Received: 6/16/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	816			P
7440-41-7	Beryllium	0.11	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	219000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	86500			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	33300			P
7439-96-5	Manganese	221			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	3190			P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	11100			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-MPI-06-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Matrix (soil/water): WATER Lab Sample ID: AD635964

Level (low/med): LOW Date Received: 6/16/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	756			P
7440-41-7	Beryllium	0.11			P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	210000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	80300			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	41100			P
7439-96-5	Manganese	208			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	2200			P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	9090			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-MPI-06-GW/D

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Matrix (soil/water): WATER Lab Sample ID: AD635967

Level (low/med): LOW Date Received: 6/16/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	756			P
7440-41-7	Beryllium	0.11	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	206000			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	79600			P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	40400			P
7439-96-5	Manganese	203			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	2230			P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	8920			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum	18750.0	18578.00	99.1	25000.0	24980.81	99.9	24458.50	97.8	P
Antimony	375.0	368.50	98.3	500.0	491.33	98.3	474.45	94.9	P
Arsenic	375.0	359.12	95.8	500.0	486.88	97.4	478.47	95.7	P
Barium	375.0	359.49	95.9	500.0	484.43	96.9	480.96	96.2	P
Beryllium	375.0	367.07	97.9	500.0	498.38	99.7	494.93	99.0	P
Cadmium	375.0	362.48	96.7	500.0	490.28	98.1	473.50	94.7	P
Calcium	18750.0	18798.76	100.3	25000.0	25392.68	101.6	24640.49	98.6	P
Chromium	375.0	365.00	97.3	500.0	494.67	98.9	486.53	97.3	P
Cobalt	375.0	363.65	97.0	500.0	493.54	98.7	482.38	96.5	P
Copper	375.0	382.69	102.1	500.0	515.77	103.2	508.42	101.7	P
Iron	18750.0	18356.10	97.9	25000.0	24853.21	99.4	24146.38	96.6	P
Lead	375.0	368.79	98.3	500.0	500.24	100.0	490.15	98.0	P
Magnesium	18750.0	18731.14	99.9	25000.0	25238.52	101.0	24771.25	99.1	P
Manganese	375.0	374.44	99.9	500.0	506.52	101.3	496.57	99.3	P
Nickel	375.0	370.56	98.8	500.0	501.95	100.4	488.21	97.6	P
Potassium	18750.0	18956.12	101.1	25000.0	25309.58	101.2	24951.10	99.8	P
Selenium	375.0	364.56	97.2	500.0	494.27	98.9	486.27	97.3	P
Silver	375.0	370.67	98.8	500.0	499.72	99.9	491.34	98.3	P
Sodium	18750.0	18741.07	100.0	25000.0	25089.50	100.4	24716.74	98.9	P
Thallium	375.0	370.43	98.8	500.0	497.17	99.4	473.80	94.8	P
Vanadium	375.0	368.50	98.3	500.0	497.80	99.6	484.81	97.0	P
Zinc	375.0	364.69	97.3	500.0	496.52	99.3	485.72	97.1	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				25000.0	24632.11	98.5	24603.82	98.4	P
Antimony				500.0	481.45	96.3	468.80	93.8	P
Arsenic				500.0	480.29	96.1	483.30	96.7	P
Barium				500.0	481.70	96.3	486.87	97.4	P
Beryllium				500.0	495.86	99.2	503.86	100.8	P
Cadmium				500.0	472.32	94.5	475.44	95.1	P
Calcium				25000.0	24748.51	99.0	24766.42	99.1	P
Chromium				500.0	484.44	96.9	490.56	98.1	P
Cobalt				500.0	482.21	96.4	488.70	97.7	P
Copper				500.0	517.15	103.4	519.34	103.9	P
Iron				25000.0	24158.81	96.6	24324.40	97.3	P
Lead				500.0	491.81	98.4	501.07	100.2	P
Magnesium				25000.0	24978.72	99.9	25061.92	100.2	P
Manganese				500.0	499.94	100.0	504.20	100.8	P
Nickel				500.0	492.46	98.5	497.17	99.4	P
Potassium				25000.0	24908.21	99.6	25021.63	100.1	P
Selenium				500.0	483.18	96.6	489.39	97.9	P
Silver				500.0	497.46	99.5	496.15	99.2	P
Sodium				25000.0	24893.89	99.6	24741.81	99.0	P
Thallium				500.0	474.58	94.9	477.95	95.6	P
Vanadium				500.0	488.05	97.6	492.42	98.5	P
Zinc				500.0	489.85	98.0	497.56	99.5	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				25000.0	24735.43	98.9	24870.30	99.5	P
Antimony				500.0	481.19	96.2	476.45	95.3	P
Arsenic				500.0	493.96	98.8	493.43	98.7	P
Barium				500.0	485.86	97.2	488.19	97.6	P
Beryllium				500.0	507.23	101.4	507.89	101.6	P
Cadmium				500.0	488.24	97.6	482.04	96.4	P
Calcium				25000.0	25357.24	101.4	25236.05	100.9	P
Chromium				500.0	494.08	98.8	493.78	98.8	P
Cobalt				500.0	493.29	98.7	492.06	98.4	P
Copper				500.0	520.63	104.1	524.86	105.0	P
Iron				25000.0	24523.09	98.1	24448.96	97.8	P
Lead				500.0	503.69	100.7	503.47	100.7	P
Magnesium				25000.0	25576.38	102.3	25556.10	102.2	P
Manganese				500.0	506.04	101.2	508.20	101.6	P
Nickel				500.0	505.35	101.1	504.03	100.8	P
Potassium				25000.0	25255.24	101.0	25203.41	100.8	P
Selenium				500.0	499.57	99.9	492.00	98.4	P
Silver				500.0	502.19	100.4	503.86	100.8	P
Sodium				25000.0	24839.64	99.4	25166.41	100.7	P
Thallium				500.0	489.05	97.8	477.79	95.6	P
Vanadium				500.0	493.37	98.7	494.16	98.8	P
Zinc				500.0	504.93	101.0	504.02	100.8	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum	18750.0	18791.66	100.2	25000.0	24952.22	99.8	25035.96	100.1	P
Antimony	375.0	378.16	100.8	500.0	512.04	102.4	515.65	103.1	P
Arsenic	375.0	368.40	98.2	500.0	494.99	99.0	492.57	98.5	P
Barium	375.0	364.98	97.3	500.0	486.15	97.2	483.92	96.8	P
Beryllium	375.0	373.51	99.6	500.0	497.82	99.6	489.95	98.0	P
Cadmium	375.0	376.07	100.3	500.0	505.12	101.0	505.03	101.0	P
Calcium	18750.0	19178.49	102.3	25000.0	25474.07	101.9	25369.16	101.5	P
Chromium	375.0	373.19	99.5	500.0	500.03	100.0	495.81	99.2	P
Cobalt	375.0	371.29	99.0	500.0	496.18	99.2	491.53	98.3	P
Copper	375.0	386.97	103.2	500.0	514.81	103.0	511.25	102.2	P
Iron	18750.0	18785.08	100.2	25000.0	25215.03	100.9	25102.24	100.4	P
Lead	375.0	375.27	100.1	500.0	500.26	100.1	493.95	98.8	P
Magnesium	18750.0	18925.07	100.9	25000.0	24964.37	99.9	24815.20	99.3	P
Manganese	375.0	379.25	101.1	500.0	506.86	101.4	500.59	100.1	P
Nickel	375.0	379.39	101.2	500.0	503.51	100.7	501.43	100.3	P
Potassium	18750.0	19335.27	103.1	25000.0	25578.78	102.3	25691.81	102.8	P
Selenium	375.0	380.67	101.5	500.0	507.41	101.5	500.55	100.1	P
Silver	375.0	370.18	98.7	500.0	490.53	98.1	488.12	97.6	P
Sodium	18750.0	18505.54	98.7	25000.0	24717.34	98.9	24648.43	98.6	P
Thallium	375.0	390.78	104.2	500.0	530.24	106.0	536.59	107.3	P
Vanadium	375.0	375.50	100.1	500.0	500.97	100.2	498.86	99.8	P
Zinc	375.0	369.77	98.6	500.0	491.33	98.3	479.64	95.9	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				25000.0	24902.35	99.6	24715.15	98.9	P
Antimony				500.0	513.82	102.8	517.00	103.4	P
Arsenic				500.0	488.08	97.6	481.39	96.3	P
Barium				500.0	479.63	95.9	477.43	95.5	P
Beryllium				500.0	484.84	97.0	475.63	95.1	P
Cadmium				500.0	504.51	100.9	505.93	101.2	P
Calcium				25000.0	25147.64	100.6	25156.12	100.6	P
Chromium				500.0	491.63	98.3	486.41	97.3	P
Cobalt				500.0	488.52	97.7	483.87	96.8	P
Copper				500.0	508.23	101.6	498.08	99.6	P
Iron				25000.0	24966.97	99.9	24749.84	99.0	P
Lead				500.0	488.79	97.8	491.06	98.2	P
Magnesium				25000.0	24538.00	98.2	24220.08	96.9	P
Manganese				500.0	496.02	99.2	485.82	97.2	P
Nickel				500.0	496.84	99.4	493.23	98.6	P
Potassium				25000.0	25644.54	102.6	26493.39	106.0	P
Selenium				500.0	498.10	99.6	497.06	99.4	P
Silver				500.0	484.18	96.8	482.44	96.5	P
Sodium				25000.0	24449.20	97.8	24271.69	97.1	P
Thallium				500.0	532.05	106.4	539.67	107.9	P
Vanadium				500.0	494.27	98.9	486.79	97.4	P
Zinc				500.0	474.78	95.0	463.31	92.7	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Beryllium	375.0	376.19	100.3	500.0	501.22	100.2	502.24	100.4	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Beryllium				500.0	499.63	99.9	502.35	100.5	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Beryllium				500.0	500.43	100.1	502.89	100.6	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Beryllium				500.0	500.66	100.1	497.07	99.4	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury	3.0	3.13	104.3	2.0	2.09	104.5	2.17	108.5	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury				2.0	2.14	107.0	2.08	104.0	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury	3.0	3.15	105.0	2.0	2.05	102.5	2.02	101.0	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury				2.0	2.15	107.5	2.09	104.5	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury	3.0	3.07	102.3	2.0	2.02	101.0	2.00	100.0	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury				2.0	2.05	102.5	2.01	100.5	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury				2.0	2.09	104.5	2.07	103.5	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG No.: A66915

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Aluminum				200.0	191.15	95.6		
Antimony				20.0	20.18	100.9		
Arsenic				10.0	10.84	108.4		
Barium				2.0	2.02	101.0		
Beryllium				2.0	2.13	106.5		
Cadmium				1.0	1.06	106.0		
Calcium				500.0	523.55	104.7		
Chromium				4.0	3.61	90.2		
Cobalt				4.0	4.08	102.0		
Copper				10.0	9.59	95.9		
Iron				50.0	56.60	113.2		
Lead				5.0	5.25	105.0		
Magnesium				200.0	219.40	109.7		
Manganese				3.0	3.11	103.7		
Nickel				10.0	10.27	102.7		
Potassium				500.0	524.05	104.8		
Selenium				15.0	15.27	101.8		
Silver				3.0	3.53	117.7		
Sodium				1000.0	1072.51	107.3		
Thallium				20.0	21.66	108.3		
Vanadium				5.0	5.16	103.2		
Zinc				20.0	19.98	99.9		

Comments:

STL BUFFALO

Ecology & Environment, Inc.
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG No.: A66915

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Aluminum				200.0	220.76	110.4		
Antimony				20.0	14.94	74.7		
Arsenic				10.0	10.20	102.0		
Barium				2.0	1.96	98.0		
Beryllium				2.0	2.05	102.5		
Cadmium				1.0	0.80	80.0		
Calcium				500.0	517.60	103.5		
Chromium				4.0	3.14	78.5		
Cobalt				4.0	3.79	94.8		
Copper				10.0	8.81	88.1		
Iron				50.0	40.57	81.1		
Lead				5.0	2.53	50.6		
Magnesium				200.0	210.06	105.0		
Manganese				3.0	2.94	98.0		
Nickel				10.0	9.82	98.2		
Potassium				500.0	525.87	105.2		
Selenium				15.0	14.72	98.1		
Silver				3.0	3.69	123.0		
Sodium				1000.0	915.58	91.6		
Thallium				20.0	20.76	103.8		
Vanadium				5.0	5.14	102.8		
Zinc				20.0	19.74	98.7		

Comments:

STL BUFFALO

Ecology & Environment, Inc.
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG No.: A66915

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Beryllium				2.0	2.15	107.5	2.08	104.0

Comments:

STL BUFFALO

Ecology & Environment, Inc.
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG No.: A66915

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Mercury	0.2	0.19	95.0					

Comments:

STL BUFFALO

Ecology & Environment, Inc.
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG No.: A66915

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Mercury	0.2	0.21	105.0					

Comments:

STL BUFFALO

Ecology & Environment, Inc.
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG No.: A66915

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Mercury	0.2	0.14	70.0					

Comments:

STL BUFFALO

Ecology & Environment, Inc.
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG No.: A66915

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Mercury	0.2	0.17	85.0					

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	200.0	U	200.0	U	200.0	U	200.0	U	200.000	U	P
Antimony	20.0	U	20.0	U	20.0	U	20.0	U	20.000	U	P
Arsenic	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Barium	2.0	U	2.0	U	2.0	U	2.0	U	2.000	U	P
Beryllium	0.2		0.2		0.1	U	0.1	U	-0.390		P
Cadmium	1.0	U	1.0	U	1.0	U	1.0	U	1.000	U	P
Calcium	500.0	U	500.0	U	500.0	U	500.0	U	500.000	U	P
Chromium	4.0	U	4.0	U	4.0	U	4.0	U	4.000	U	P
Cobalt	4.0	U	4.0	U	4.0	U	4.0	U	4.000	U	P
Copper	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Iron	50.0	U	50.0	U	50.0	U	50.0	U	50.000	U	P
Lead	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P
Magnesium	200.0	U	200.0	U	200.0	U	200.0	U	200.000	U	P
Manganese	3.0	U	3.0	U	3.0	U	3.0	U	3.000	U	P
Nickel	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Potassium	500.0	U	500.0	U	500.0	U	500.0	U	500.000	U	P
Selenium	15.0	U	15.0	U	15.0	U	15.0	U	15.000	U	P
Silver	3.0	U	3.0	U	3.0	U	3.0	U	3.000	U	P
Sodium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	1000.000	U	P
Thallium	20.0	U	20.0	U	20.0	U	20.0	U	20.000	U	P
Vanadium	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P
Zinc	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			200.0	U	200.0	U	200.0	U			P
Antimony			20.0	U	20.0	U	20.0	U			P
Arsenic			10.0	U	10.0	U	10.0	U			P
Barium			2.0	U	2.0	U	2.0	U			P
Beryllium			-0.3		-0.2		0.1	U			P
Cadmium			1.0	U	1.0	U	1.0	U			P
Calcium			500.0	U	500.0	U	500.0	U			P
Chromium			4.0	U	4.0	U	4.0	U			P
Cobalt			4.0	U	4.0	U	4.0	U			P
Copper			10.0	U	10.0	U	10.0	U			P
Iron			50.0	U	50.0	U	50.0	U			P
Lead			5.0	U	5.0	U	5.0	U			P
Magnesium			200.0	U	200.0	U	200.0	U			P
Manganese			3.0	U	3.0	U	3.0	U			P
Nickel			10.0	U	10.0	U	10.0	U			P
Potassium			500.0	U	500.0	U	500.0	U			P
Selenium			15.0	U	15.0	U	15.0	U			P
Silver			3.0	U	3.0	U	3.0	U			P
Sodium			1000.0	U	1000.0	U	1000.0	U			P
Thallium			20.0	U	20.0	U	20.0	U			P
Vanadium			5.0	U	5.0	U	5.0	U			P
Zinc			10.0	U	10.0	U	10.0	U			P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	200.0	U	200.0	U	200.0	U	200.0	U	200.000	U	P
Antimony	20.0	U	20.0	U	20.0	U	20.0	U	20.000	U	P
Arsenic	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Barium	2.0	U	2.0	U	2.0	U	2.0	U	2.000	U	P
Beryllium	0.1	U	0.3		0.4		0.6		0.150		P
Cadmium	1.0	U	1.0	U	1.0	U	1.0	U	1.000	U	P
Calcium	500.0	U	500.0	U	500.0	U	500.0	U	500.000	U	P
Chromium	4.0	U	4.0	U	4.0	U	4.0	U	4.000	U	P
Cobalt	4.0	U	4.0	U	4.0	U	4.0	U	4.000	U	P
Copper	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Iron	50.0	U	50.0	U	50.0	U	50.0	U	50.000	U	P
Lead	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P
Magnesium	200.0	U	200.0	U	200.0	U	200.0	U	200.000	U	P
Manganese	3.0	U	3.0	U	3.0	U	3.0	U	3.000	U	P
Nickel	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Potassium	500.0	U	500.0	U	500.0	U	500.0	U	500.000	U	P
Selenium	15.0	U	15.0	U	15.0	U	15.0	U	15.000	U	P
Silver	3.0	U	3.0	U	3.0	U	3.0	U	3.000	U	P
Sodium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	1000.000	U	P
Thallium	20.0	U	20.0	U	20.0	U	20.0	U	20.000	U	P
Vanadium	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P
Zinc	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			200.0	U							P
Antimony			20.0	U							P
Arsenic			10.0	U							P
Barium			2.0	U							P
Beryllium			0.8								P
Cadmium			1.0	U							P
Calcium			500.0	U							P
Chromium			4.0	U							P
Cobalt			4.0	U							P
Copper			10.0	U							P
Iron			50.0	U							P
Lead			5.0	U							P
Magnesium			200.0	U							P
Manganese			3.0	U							P
Nickel			10.0	U							P
Potassium			500.0	U							P
Selenium			15.0	U							P
Silver			3.0	U							P
Sodium			1000.0	U							P
Thallium			20.0	U							P
Vanadium			5.0	U							P
Zinc			10.0	U							P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Beryllium	0.4		0.4		0.4		0.4				P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Beryllium			0.3		0.4		0.6				P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Beryllium			0.5		0.6						P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Mercury	0.1	U	0.1	U	0.1	U	0.1	U	0.200	U	CV

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Mercury			0.1	U							CV

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Mercury	0.1	U	0.1	U	0.1	U	0.1	U	0.200	U	CV

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Mercury			0.1	U							CV

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Mercury	0.1	U	0.1	U	-0.1		0.1	U	0.200	U	CV

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Mercury			0.1	U	0.1	U	0.1	U			CV

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-4-

ICP INTERFERENCE CHECK SAMPLE

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

ICP ID Number: SUPERTRACE ICS Source: ULTRA

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Aluminum	500000	500000	500902	502567.9	100.5			
Antimony		600	1	599.5	99.9			
Arsenic		100	4	104.6	104.6			
Barium		500	-8	498.5	99.7			
Beryllium		500	2	480.7	96.1			
Cadmium		1000	0	927.8	92.8			
Calcium	500000	500000	488674	498354.0	99.7			
Chromium		500	-2	476.2	95.2			
Cobalt		500	1	472.1	94.4			
Copper		500	-1	530.2	106.0			
Iron	200000	100000	186768	94071.4	94.1			
Lead		50	22	51.2	102.4			
Magnesium	500000	500000	464904	457065.4	91.4			
Manganese		500	-2	478.9	95.8			
Nickel		1000	1	898.9	89.9			
Potassium			4	0.6				
Selenium		50	0	50.2	100.4			
Silver		200	0	213.6	106.8			
Sodium			114	147.5				
Thallium		100	-2	103.3	103.3			
Vanadium		500	0	487.3	97.5			
Zinc		1000	0	902.3	90.2			

STL BUFFALO

Ecology & Environment, Inc.

-4-

ICP INTERFERENCE CHECK SAMPLE

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

ICP ID Number: SUPERTRACE ICS Source: ULTRA

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Aluminum	500000	500000	495733	503924.4	100.8			
Antimony		600	-5	632.0	105.3			
Arsenic		100	1	108.8	108.8			
Barium		500	-8	502.1	100.4			
Beryllium		500	2	483.5	96.7			
Cadmium		1000	1	969.3	96.9			
Calcium	500000	500000	488252	504630.5	100.9			
Chromium		500	-2	486.9	97.4			
Cobalt		500	1	482.2	96.4			
Copper		500	0	534.3	106.9			
Iron	200000	100000	190096	96447.4	96.4			
Lead		50	27	56.2	112.4			
Magnesium	500000	500000	460747	457366.8	91.5			
Manganese		500	-3	482.1	96.4			
Nickel		1000	0	911.7	91.2			
Potassium			6	-8.3				
Selenium		50	-3	48.4	96.8			
Silver		200	1	211.9	106.0			
Sodium			1	61.7				
Thallium		100	-8	103.2	103.2			
Vanadium		500	0	494.4	98.9			
Zinc		1000	0	902.0	90.2			

STL BUFFALO

Ecology & Environment, Inc.

-4-

ICP INTERFERENCE CHECK SAMPLE

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

ICP ID Number: SUPERTRACE2 ICS Source: ULTRA

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Beryllium		500	1	521.1	104.2	1	522.0	104.4

STL BUFFALO

Ecology & Environment, Inc.

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

NM-MW-02-GW\MS

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	10149.7800		200.0000	U	10000.00	101.5		P
Antimony	75 - 125	199.3000		20.0000	U	200.00	99.6		P
Arsenic	75 - 125	203.6600		10.0000	U	200.00	101.8		P
Barium	75 - 125	233.1700		32.1700		200.00	100.5		P
Beryllium	75 - 125	204.7500		0.1100	U	200.00	102.4		P
Cadmium	75 - 125	201.2600		1.0000	U	200.00	100.6		P
Calcium		52128.2500		41833.0125		10000.00	103.0		P
Chromium	75 - 125	202.9600		4.0000	U	200.00	101.5		P
Cobalt	75 - 125	201.8400		4.0000	U	200.00	100.9		P
Copper	75 - 125	215.4600		10.0000	U	200.00	107.7		P
Iron		54464.1400		44583.2000		10000.00	98.8		P
Lead	75 - 125	202.2100		5.0000	U	200.00	101.1		P
Magnesium	75 - 125	19744.7900		9609.6800		10000.00	101.4		P
Manganese		1357.2800		1149.6200		200.00	103.8		P
Nickel	75 - 125	207.2800		10.0000	U	200.00	103.6		P
Potassium	75 - 125	12459.3000		1691.4900		10000.00	107.7		P
Selenium	75 - 125	200.9400		15.0000	U	200.00	100.5		P
Mercury	75 - 125	6.2500		0.2000	U	6.67	93.7		CV
Silver	75 - 125	50.6600		3.0000	U	50.00	101.3		P
Sodium	75 - 125	16030.3500		5920.0000		10000.00	101.1		P
Thallium	75 - 125	199.5600		20.0000	U	200.00	99.8		P
Vanadium	75 - 125	200.3600		5.0000	U	200.00	100.2		P
Zinc	75 - 125	199.7000		10.0000	U	200.00	99.8		P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

NM-MW-02-GW\SD

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	10050.5600		200.0000	U	10000.00	100.5		P
Antimony	75 - 125	192.8100		20.0000	U	200.00	96.4		P
Arsenic	75 - 125	198.5900		10.0000	U	200.00	99.3		P
Barium	75 - 125	232.4200		32.1700		200.00	100.1		P
Beryllium	75 - 125	198.3100		0.1100	U	200.00	99.2		P
Cadmium	75 - 125	192.6600		1.0000	U	200.00	96.3		P
Calcium		51983.0800		41833.0125		10000.00	101.5		P
Chromium	75 - 125	196.4600		4.0000	U	200.00	98.2		P
Cobalt	75 - 125	195.7600		4.0000	U	200.00	97.9		P
Copper	75 - 125	209.6800		10.0000	U	200.00	104.8		P
Iron		54158.0700		44583.2000		10000.00	95.7		P
Lead	75 - 125	196.1900		5.0000	U	200.00	98.1		P
Magnesium	75 - 125	19486.2900		9609.6800		10000.00	98.8		P
Manganese		1355.2000		1149.6200		200.00	102.8		P
Nickel	75 - 125	200.5100		10.0000	U	200.00	100.3		P
Potassium	75 - 125	12409.0500		1691.4900		10000.00	107.2		P
Selenium	75 - 125	196.1400		15.0000	U	200.00	98.1		P
Mercury	75 - 125	6.6000		0.2000	U	6.67	99.0		CV
Silver	75 - 125	50.6000		3.0000	U	50.00	101.2		P
Sodium	75 - 125	15988.2700		5920.0000		10000.00	100.7		P
Thallium	75 - 125	191.5200		20.0000	U	200.00	95.8		P
Vanadium	75 - 125	193.8700		5.0000	U	200.00	96.9		P
Zinc	75 - 125	193.2600		10.0000	U	200.00	96.6		P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-5B-

POST DIGEST SPIKE SAMPLE RECOVERY

SAMPLE NO.: NM-MW-02-GWA

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added(SA)	%R	Q	M
Aluminum	75 - 125	9897.84		200.00	U	10000.0	99.0		P
Antimony	75 - 125	195.64		20.00	U	200.0	97.8		P
Arsenic	75 - 125	205.77		10.00	U	200.0	102.9		P
Barium	75 - 125	233.30		32.17		200.0	100.6		P
Beryllium	75 - 125	203.28		0.11	U	200.0	101.6		P
Cadmium	75 - 125	196.17		1.00	U	200.0	98.1		P
Calcium	75 - 125	51381.16		41833.01		10000.0	95.5		P
Chromium	75 - 125	199.65		4.00	U	200.0	99.8		P
Cobalt	75 - 125	199.93		4.00	U	200.0	100.0		P
Copper	75 - 125	213.81		10.00	U	200.0	106.9		P
Iron	75 - 125	53668.54		44583.20		10000.0	90.9		P
Lead	75 - 125	202.01		5.00	U	200.0	101.0		P
Magnesium	75 - 125	19771.19		9609.68		10000.0	101.6		P
Manganese	75 - 125	1327.27		1149.62		200.0	88.8		P
Nickel	75 - 125	202.34		10.00	U	200.0	101.2		P
Potassium	75 - 125	12267.48		1691.49		10000.0	105.8		P
Selenium	75 - 125	201.57		15.00	U	200.0	100.8		P
Silver	75 - 125	51.29		3.00	U	50.0	102.6		P
Sodium	75 - 125	16143.74		5920.00		10000.0	102.2		P
Thallium	75 - 125	193.33		20.00	U	200.0	96.7		P
Vanadium	75 - 125	199.78		5.00	U	200.0	99.9		P
Zinc	75 - 125	197.14		10.00	U	200.0	98.6		P

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-6-

DUPLICATES

SAMPLE NO.

NM-MW-02-GW\SD

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		10149.7800		10050.5600		1.0		P
Antimony		199.3000		192.8100		3.3		P
Arsenic		203.6600		198.5900		2.5		P
Barium		233.1700		232.4200		0.3		P
Beryllium		204.7500		198.3100		3.2		P
Cadmium		201.2600		192.6600		4.4		P
Calcium		52128.2500		51983.0800		0.3		P
Chromium		202.9600		196.4600		3.3		P
Cobalt		201.8400		195.7600		3.1		P
Copper		215.4600		209.6800		2.7		P
Iron		54464.1400		54158.0700		0.6		P
Lead		202.2100		196.1900		3.0		P
Magnesium		19744.7888		19486.2900		1.3		P
Manganese		1357.2800		1355.2000		0.2		P
Nickel		207.2800		200.5100		3.3		P
Potassium		12459.3000		12409.0500		0.4		P
Selenium		200.9400		196.1400		2.4		P
Mercury		6.2500		6.6000		5.4		CV
Silver		50.6600		50.6000		0.1		P
Sodium		16030.3500		15988.2700		0.3		P
Thallium		199.5600		191.5200		4.1		P
Vanadium		200.3600		193.8700		3.3		P
Zinc		199.7000		193.2600		3.3		P

STL BUFFALO

Ecology & Environment, Inc.

-7-

LABORATORY CONTROL SAMPLE

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Solid LCS Source: _____

Aqueous LCS Source: ULTRA

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits	%R
Aluminum	10000.0	9907.80	99.1					
Antimony	200.0	197.14	98.6					
Arsenic	200.0	203.61	101.8					
Barium	200.0	201.26	100.6					
Beryllium	200.0	205.38	102.7					
Cadmium	200.0	201.02	100.5					
Calcium	10000.0	9891.99	98.9					
Chromium	200.0	204.20	102.1					
Cobalt	200.0	200.08	100.0					
Copper	200.0	215.17	107.6					
Iron	10000.0	10014.78	100.1					
Lead	200.0	203.12	101.6					
Magnesium	10000.0	10112.11	101.1					
Manganese	200.0	199.70	99.8					
Nickel	200.0	208.68	104.3					
Potassium	10000.0	10425.98	104.3					
Selenium	200.0	196.61	98.3					
Silver	50.0	50.73	101.5					
Sodium	10000.0	10170.08	101.7					
Thallium	200.0	196.32	98.2					
Vanadium	200.0	199.89	99.9					
Zinc	200.0	200.87	100.4					

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-7-

LABORATORY CONTROL SAMPLE

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Solid LCS Source:

Aqueous LCS Source: ULTRA

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits	%R
Aluminum	10000.0	9941.58	99.4					
Antimony	200.0	204.30	102.2					
Arsenic	200.0	201.24	100.6					
Barium	200.0	196.99	98.5					
Beryllium	200.0	197.70	98.8					
Cadmium	200.0	208.97	104.5					
Calcium	10000.0	9964.99	99.6					
Chromium	200.0	202.06	101.0					
Cobalt	200.0	198.40	99.2					
Copper	200.0	207.59	103.8					
Iron	10000.0	10145.37	101.5					
Lead	200.0	199.10	99.6					
Magnesium	10000.0	9874.43	98.7					
Manganese	200.0	195.68	97.8					
Nickel	200.0	207.44	103.7					
Potassium	10000.0	10444.10	104.4					
Selenium	200.0	204.15	102.1					
Silver	50.0	50.60	101.2					
Sodium	10000.0	9803.85	98.0					
Thallium	200.0	212.07	106.0					
Vanadium	200.0	199.34	99.7					
Zinc	200.0	195.62	97.8					

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-7-

LABORATORY CONTROL SAMPLE

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Solid LCS Source: _____

Aqueous LCS Source: ULTRA

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits	%R
Mercury	3.3	3.42	102.6					

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-7-

LABORATORY CONTROL SAMPLE

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Solid LCS Source: _____

Aqueous LCS Source: ULTRA

Analyte	Aqueous (ug/L)			Solid (mg/kg)				
	True	Found	%R	True	Found	C	Limits	%R
Mercury	3.3	3.08	92.4					

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-7-

LABORATORY CONTROL SAMPLE

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Solid LCS Source: _____

Aqueous LCS Source: ULTRA

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits	%R
Mercury	3.3	3.08	92.4					

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-9-

ICP SERIAL DILUTIONS

SAMPLE NO.

NM-MW-02-GWL

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	168.51		1000.00	U	100.0		P
Antimony	20.00	U	100.00	U			P
Arsenic	2.02		50.00	U	100.0		P
Barium	32.17		33.25		3.4		P
Beryllium	0.11	U	0.55	U			P
Cadmium	1.00	U	5.00	U			P
Calcium	41833.01		43131.00		3.1		P
Chromium	4.00	U	20.00	U			P
Cobalt	3.55		20.00	U	100.0		P
Copper	10.00	U	50.00	U			P
Iron	44583.20		44878.95		0.7		P
Lead	5.00	U	25.00	U			P
Magnesium	9609.68		10016.65		4.2		P
Manganese	1149.62		1158.80		0.8		P
Nickel	10.00	U	50.00	U			P
Potassium	1691.49		2500.00	U	100.0		P
Selenium	3.81		75.00	U	100.0		P
Silver	3.00	U	15.00	U			P
Sodium	5920.00		6805.25		15.0		P
Thallium	4.34		100.00	U	100.0		P
Vanadium	1.27		25.00	U	100.0		P
Zinc	2.56		50.00	U	100.0		P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-10-

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

ICP ID Number: SUPERTRACE Date: 4/25/2006

Flame AA ID Number: _____

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	EQL (ug/L)	EQL (ug/L)	M
Aluminum	308.215		200	200	P
Antimony	206.838		20	20	P
Arsenic	189.042		10	10	P
Barium	493.409		2	2	P
Beryllium	313.042		0.11	0.11	P
Cadmium	226.502		1	1	P
Calcium	317.933		500	500	P
Chromium	267.716		4	4	P
Cobalt	228.616		4	4	P
Copper	324.753		10	10	P
Iron	271.441		50	50	P
Lead	220.353		5	5	P
Magnesium	279.078		200	200	P
Manganese	257.610		3	3	P
Nickel	231.604		10	10	P
Potassium	766.491		500	500	P
Selenium	296.026		15	15	P
Silver	328.068		3	3	P
Sodium	330.232		1000	1000	P
Thallium	190.864		20	20	P
Vanadium	292.402		5	5	P
Zinc	206.200		10	10	P

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-10-

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

ICP ID Number: SUPERTRACE2 Date: 4/17/2006

Flame AA ID Number: _____

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	EQL (ug/L)	EQL (ug/L)	M
Beryllium	313.042		0.04	0.04	P

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-10-

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

ICP ID Number: _____ Date: ~~6/29/2006~~ 3/22/2006 KS 7/7/06

Flame AA ID Number: LEEMAN PS200II

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	EQL (ug/L)	EQL (ug/L)	M
Mercury	253.70		0.2	0.2	CV

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-11A-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

ICP ID Number: SUPERTRACE Date: 4/4/2006

Analyte	Wave-length (nm)	Interelement Correction Factors for: Al	Fe	B	Be	Cd
Aluminum	308.22	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.84	0.0000000	0.0000220	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000000	-0.0000200	0.0000000	0.0000000	0.0000000
Barium	493.41	0.0000200	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.68	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000710	0.0000000	0.0000000	0.0000000
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000090	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.62	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	-0.0000500	0.0000000	0.0000000	0.0000000
Iron	271.44	0.0000730	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0004770	0.0000700	0.0000000	0.0000000	0.0000000
Magnesium	279.08	0.0000000	-0.0003100	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000	-0.0000300	0.0000000	0.0000000	0.0000000
Molybdenum	202.03	0.0000000	-0.0000100	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.02	0.0000000	0.0000130	0.0000000	0.0000000	0.0000000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.23	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	-0.0000400	0.0000000	0.0000000	0.0000000
Tin	189.99	0.0000000	-0.0000100	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000230	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	-0.0000400	0.0000000	0.0000000	0.0000000

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-11B-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

ICP ID Number: SUPERTRACE Date: 4/4/2006

Analyte	Wave-length (nm)	Interelement Correction Factors for: Co	Cr	Mn	Na	Ni
Aluminum	308.22	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.84	0.0000000	0.0102890	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000000	0.0001200	0.0000000	0.0000000	0.0000000
Barium	493.41	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.68	0.0008250	0.0019920	-0.0000800	0.0000000	0.0000000
Cadmium	226.50	-0.0001500	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0001290	0.0000000	0.0000000
Cobalt	228.62	0.0000000	-0.0001500	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	-0.0001200	0.0000000	0.0000000	0.0000000
Iron	271.44	0.0859030	0.0012200	0.0000000	0.0000000	0.0000000
Lead	220.35	-0.0001600	0.0000000	0.0000780	0.0000000	0.0000000
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.03	0.0000300	0.0000570	-0.0001300	0.0000000	0.0000000
Nickel	231.60	-0.0012900	0.0000000	-0.0001200	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.02	0.0003410	0.0000000	0.0004880	0.0000000	0.0000000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.23	0.0000000	-0.0053100	0.0000000	0.0000000	0.0000000
Thallium	190.86	-0.0022100	0.0001670	-0.0009300	0.0000000	0.0000000
Tin	189.99	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	-0.0000030	0.0000000	0.0000000	0.0000000

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-11B-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

ICP ID Number: SUPERTRACE Date: 4/4/2006

Analyte	Wave-length (nm)	Interelement Correction Factors for: Pb	Sb	Se	Tl	V
Aluminum	308.22	0.0000000	0.0000000	0.0000000	-0.0000300	0.0200200
Antimony	206.84	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.41	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0008240
Boron	249.68	0.0000000	0.0000000	0.0000000	0.0000090	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000700
Cobalt	228.62	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0075100
Lead	220.35	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.03	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0001130	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.02	0.0000000	0.0000000	0.0000000	0.0000000	0.0003550
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000400
Sodium	330.23	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	0.0000000	0.0000000	0.0000000	-0.0016300
Tin	189.99	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-11B-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

ICP ID Number: SUPERTRACE Date: 4/4/2006

Analyte	Wave-length (nm)	Interelement Correction Factors for: Zn				
Aluminum	308.22	0.0000000				
Antimony	206.84	0.0000000				
Arsenic	189.04	0.0000000				
Barium	493.41	0.0000000				
Beryllium	313.04	0.0000000				
Boron	249.68	0.0000000				
Cadmium	226.50	0.0000000				
Calcium	317.93	0.0000000				
Chromium	267.72	0.0000000				
Cobalt	228.62	0.0000000				
Copper	324.75	0.0000000				
Iron	271.44	0.0000000				
Lead	220.35	0.0000000				
Magnesium	279.08	0.0000000				
Manganese	257.61	0.0000000				
Molybdenum	202.03	0.0000000				
Nickel	231.60	0.0000000				
Potassium	766.49	0.0000000				
Selenium	196.02	0.0000000				
Silver	328.07	0.0000000				
Sodium	330.23	0.0000000				
Thallium	190.86	0.0000000				
Tin	189.99	0.0000000				
Titanium	337.28	0.0000000				
Vanadium	292.40	0.0000000				
Zinc	206.20	0.0000000				

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-11A-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

ICP ID Number: SUPERTRACE2 Date: 4/6/2006

Analyte	Wave-length (nm)	Interelement Correction Factors for: Al	Ca	Fe	B	Be
Aluminum	308.215	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.838	0.0000000	0.0000000	0.0000160	0.0000000	0.0000000
Arsenic	189.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.678	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000260	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	-0.0002500	0.0000000	0.0000000
Chromium	267.716	0.0000090	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.753	0.0000000	0.0000000	0.0000070	0.0000000	0.0000000
Iron	271.441	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.352	0.0003500	0.0000000	0.0000630	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.030	0.0000000	0.0000000	-0.0000900	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.021	0.0000020	0.0000000	-0.0000400	0.0000000	0.0000480
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.864	0.0000000	0.0000000	-0.0001600	0.0000000	0.0000000
Tin	189.989	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000210	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	-0.0000500	0.0000000	0.0000000

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-11B-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

ICP ID Number: SUPERTRACE2 Date: 4/6/2006

Analyte	Wave-length (nm)	Interelement Correction Factors for: Cd	Co	Cr	Cu	Mn
Aluminum	308.215	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.838	0.0000000	0.0000000	0.0021870	0.0000000	0.0000000
Arsenic	189.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.678	0.0000000	0.0003790	0.0019830	0.0016680	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	-0.0001800
Cobalt	228.616	0.0000000	0.0000000	-0.0003100	0.0000000	0.0000000
Copper	324.753	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.441	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.352	0.0000000	0.0000000	0.0000000	0.0000000	0.0000980
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.030	0.0000000	0.0004690	0.0000000	0.0000000	-0.0001300
Nickel	231.604	0.0000000	-0.0011000	0.0000000	0.0000000	-0.0001000
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.021	0.0000000	0.0000870	0.0000000	0.0000000	0.0003480
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	-0.0052200	0.0000000	0.0000000
Thallium	190.864	0.0000000	-0.0014100	0.0001800	0.0000410	0.0003200
Tin	189.989	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0007290	0.0000000	0.0000000

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-11B-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

ICP ID Number: SUPERTRACE2 Date: 4/6/2006

Analyte	Wave-length (nm)	Interelement Correction Factors for: Na	Ni	Pb	Sb	Se
Aluminum	308.215	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.838	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.678	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0001450	0.0000000	0.0000000	0.0000000
Copper	324.753	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.441	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.352	0.0000000	0.0003080	0.0000000	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.030	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.021	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.864	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Tin	189.989	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-11B-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A66915

ICP ID Number: SUPERTRACE2 Date: 4/6/2006

Analyte	Wave-length (nm)	Interelement Correction Factors for: Tl	V	Zn		
Aluminum	308.215	0.0000000	0.0108510	0.0000000		
Antimony	206.838	0.0000000	0.0000280	0.0000000		
Arsenic	189.042	0.0000000	0.0000000	0.0000000		
Barium	493.409	0.0000000	0.0000000	0.0000000		
Beryllium	313.042	0.0000000	0.0001760	0.0000000		
Boron	249.678	0.0000000	0.0000000	0.0000000		
Cadmium	226.502	0.0000000	0.0000000	0.0000000		
Calcium	317.90	0.0000000	0.0000000	0.0000000		
Chromium	267.716	0.0000000	-0.0000200	0.0000000		
Cobalt	228.616	0.0000000	0.0000000	0.0000000		
Copper	324.753	0.0000000	0.0000000	0.0000000		
Iron	271.441	0.0000000	0.0090020	0.0000000		
Lead	220.352	0.0000000	-0.0000600	0.0000000		
Magnesium	279.00	0.0000000	0.0000000	0.0000000		
Manganese	257.610	0.0000000	0.0000000	0.0000000		
Molybdenum	202.030	0.0000000	0.0000000	0.0000000		
Nickel	231.604	0.0000780	0.0000000	0.0000000		
Potassium	766.491	0.0000000	0.0000000	0.0000000		
Selenium	196.021	0.0000000	0.0001820	0.0000000		
Silver	328.068	0.0000000	0.0000000	0.0000000		
Sodium	330.232	0.0000000	0.0000000	0.0000000		
Thallium	190.864	0.0000000	-0.0009800	0.0000000		
Tin	189.989	0.0000000	0.0000000	0.0000000		
Titanium	337.28	0.0000000	-0.0003700	0.0000000		
Vanadium	292.402	0.0000000	0.0000000	0.0000000		
Zinc	206.20	0.0000000	0.0000000	0.0000000		

Comments:

STL BUFFALO

Ecology & Environment, Inc.
-12-
ICP LINEAR RANGES (QUARTERLY)

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

ICP ID Number: SUPERTRACE Date: 4/13/2006

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Aluminum	15.00	500000	P
Antimony	15.00	50000	P
Arsenic	15.00	15000	P
Barium	15.00	10000	P
Beryllium	15.00	5000	P
Cadmium	15.00	40000	P
Calcium	15.00	800000	P
Chromium	15.00	40000	P
Cobalt	15.00	40000	P
Copper	15.00	25000	P
Iron	15.00	800000	P
Lead	15.00	60000	P
Magnesium	15.00	1000000	P
Manganese	15.00	12000	P
Nickel	15.00	25000	P
Potassium	15.00	600000	P
Selenium	15.00	40000	P
Silver	15.00	2000	P
Sodium	15.00	400000	P
Thallium	15.00	40000	P
Vanadium	15.00	50000	P
Zinc	15.00	14000	P

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.
-12-
ICP LINEAR RANGES (QUARTERLY)

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

ICP ID Number: SUPERTRACE2 Date: 4/13/2006

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Beryllium	15.00	5000	P

Comments: _____

STL BUFFALO

Ecology & Environment. Inc.

-13-

PREPARATION LOG

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Method: CV Prep Method: _____

Sample ID	Preparation Date	Initial Volume	Final Volume(mL)
NM-MW-MPI-01-GW	6/19/2006	30.0	50.0
NM-MW-MPI-02-GW	6/19/2006	30.0	50.0
NM-MW-MPI-03-GW	6/19/2006	30.0	50.0
NM-MW-MPI-04-GW	6/19/2006	30.0	50.0
NM-MW-MPI-06-GW	6/19/2006	30.0	50.0
NM-MW-DEC-GW	6/19/2006	30.0	50.0
NM-MW-DOT-GW	6/19/2006	30.0	50.0
NM-MW-MPI-06-GW/D	6/19/2006	30.0	50.0
NM-MW-02-GW	6/19/2006	30.0	50.0
NM-MW-02-GW\MS	6/19/2006	30.0	50.0
NM-MW-02-GW\SD	6/19/2006	30.0	50.0
AD635860-LCS	6/19/2006	30.0	50.0
AD635861-MBLK	6/19/2006	30.0	50.0

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-13-

PREPARATION LOG

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Method: P Prep Method: _____

Sample ID	Preparation Date	Initial Volume	Final Volume(mL)
NM-MW-MPI-01-GW	6/20/2006	50.0	50.0
NM-MW-MPI-02-GW	6/20/2006	50.0	50.0
NM-MW-MPI-03-GW	6/20/2006	50.0	50.0
NM-MW-MPI-04-GW	6/20/2006	50.0	50.0
NM-MW-MPI-05-GW	6/20/2006	50.0	50.0
NM-MW-MPI-06-GW	6/20/2006	50.0	50.0
NM-MW-DEC-GW	6/20/2006	50.0	50.0
NM-MW-DOT-GW	6/20/2006	50.0	50.0
NM-MW-MPI-06-GW/D	6/20/2006	50.0	50.0
NM-MW-02-GW	6/20/2006	50.0	50.0
NM-MW-02-GW\MS	6/20/2006	50.0	50.0
NM-MW-02-GW\SD	6/20/2006	50.0	50.0
AD635974-LFB	6/20/2006	50.0	50.0
AD635975-MBLK	6/20/2006	50.0	50.0

Comments:

STL BUFFALO

Ecology & Environment. Inc.

-13-

PREPARATION LOG

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Method: CV Prep Method: _____

Sample ID	Preparation Date	Initial Volume	Final Volume(mL)
NM-MW-MPI-05-GW	6/20/2006	30.0	50.0
AD636111-LCS	6/20/2006	30.0	50.0
AD636112-MBLK	6/20/2006	30.0	50.0

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-13-

PREPARATION LOG

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Method: P Prep Method: _____

Sample ID	Preparation Date	Initial Volume	Final Volume(mL)
NM-MW-01-GW	6/22/2006	50.0	50.0
NM-MW-03-GW	6/22/2006	50.0	50.0
NM-MW-04-GW	6/22/2006	50.0	50.0
NM-MW-05-GW	6/22/2006	50.0	50.0
NM-MW-06-GW	6/22/2006	50.0	50.0
AD636754-LFB	6/22/2006	50.0	50.0
AD636755-MBLK	6/22/2006	50.0	50.0

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-13-

PREPARATION LOG

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A66915

Method: CV Prep Method: _____

Sample ID	Preparation Date	Initial Volume	Final Volume(mL)
NM-MW-01-GW	6/26/2006	30.0	50.0
NM-MW-03-GW	6/26/2006	30.0	50.0
NM-MW-04-GW	6/26/2006	30.0	50.0
NM-MW-05-GW	6/26/2006	30.0	50.0
NM-MW-06-GW	6/26/2006	30.0	50.0
AD637006-MBLK	6/26/2006	30.0	50.0
AD637005-LCS	6/26/2006	30.0	50.0

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG No.: A66915

Instrument ID Number: SUPERTRACE Method: P

Start Date: 6/20/2006 End Date: 6/21/2006

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
STD BLK	1.00	22:00		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
STD 1	1.00	22:05		X	X	X	X	X	X		X	X	X	X	X		X		X		X	X		X	X	X	
STD 2	1.00	22:09		X	X	X	X	X	X		X	X	X	X	X		X		X		X	X		X	X	X	
STD 3	1.00	22:14		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
STD 3 VER	1.00	22:19		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICV	1.00	22:24		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICB	1.00	22:29		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CRI	1.00	22:34		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSA	1.00	22:38		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSAB	1.00	22:43		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV	1.00	22:50		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	22:55		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	23:00																									
ZZZZZZ	1.00	23:05																									
ZZZZZZ	1.00	23:09																									
ZZZZZZ	1.00	23:14																									
ZZZZZZ	1.00	23:21																									
ZZZZZZ	1.00	23:26																									
ZZZZZZ	1.00	23:31																									
ZZZZZZ	5.00	23:36																									
ZZZZZZ	1.00	23:41																									
ZZZZZZ	1.00	23:45																									
CCV	1.00	23:52		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	23:57		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	00:02																									
ZZZZZZ	1.00	00:07																									
ZZZZZZ	1.00	00:12																									
ZZZZZZ	1.00	00:17																									
ZZZZZZ	1.00	00:21																									
ZZZZZZ	1.00	00:26																									
ZZZZZZ	1.00	00:31																									
ZZZZZZ	1.00	00:36																									
ZZZZZZ	1.00	00:41																									

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

STL BUFFALO

Ecology & Environment, Inc.

-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG No.: A66915

Instrument ID Number: SUPERTRACE Method: P

Start Date: 6/20/2006 End Date: 6/21/2006

Sample ID.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	00:46																									
CCV	1.00	00:53		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	00:57		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	01:02																										
ZZZZZZ	1.00	01:07																										
ZZZZZZ	1.00	01:12																										
ZZZZZZ	1.00	01:17																										
ZZZZZZ	1.00	01:22																										
ZZZZZZ	1.00	01:27																										
AD635975-MBLK	1.00	01:34		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
AD635974-LFB	1.00	01:38		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MW-MPI-01-GW	1.00	01:43		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MW-MPI-02-GW	1.00	01:48		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV	1.00	01:55		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	02:00		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MW-MPI-03-GW	1.00	02:05		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MW-MPI-04-GW	1.00	02:10		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MW-MPI-05-GW	1.00	02:15		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MW-MPI-06-GW	1.00	02:20		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MW-DEC-GW	1.00	02:24		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MW-DOT-GW	1.00	02:29		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MW-MPI-06-GW/D	1.00	02:34		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MW-02-GW	1.00	02:39		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MW-02-GWL	5.00	02:44		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MW-02-GWA	1.00	02:49		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV	1.00	02:56		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	03:01		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MW-02-GW\MS	1.00	03:06		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MW-02-GW\SD	1.00	03:10		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	03:15																										
ZZZZZZ	1.00	03:20																										
ZZZZZZ	1.00	03:25																										
CCV	1.00	03:32		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

STL BUFFALO

Ecology & Environment, Inc.

-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG No.: A66915

Instrument ID Number: SUPERTRACE Method: P

Start Date: 6/20/2006 End Date: 6/21/2006

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
CCB	1.00	03:37		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

STL BUFFALO

Ecology & Environment, Inc.

-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG No.: A66915

Instrument ID Number: SUPERTRACE Method: P

Start Date: 6/23/2006 End Date: 6/23/2006

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
STD BLK	1.00	14:27		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
STD 1	1.00	14:32		X	X	X	X	X	X		X	X	X	X	X		X		X		X	X		X	X	X	
STD 2	1.00	14:36		X	X	X	X	X	X		X	X	X	X	X		X		X		X	X		X	X	X	
STD 3	1.00	14:41		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
STD 3 VER	1.00	14:46		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICV	1.00	14:56		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICB	1.00	15:01		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CRI	1.00	15:06		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSA	1.00	15:11		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSAB	1.00	15:16		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV	1.00	15:22		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	15:27		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
AD636755-MBLK	1.00	15:32		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
AD636754-LFB	1.00	15:37		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	15:42																									
ZZZZZZ	1.00	16:10																									
ZZZZZZ	5.00	16:15																									
ZZZZZZ	1.00	16:20																									
ZZZZZZ	1.00	16:25																									
ZZZZZZ	1.00	16:30																									
ZZZZZZ	1.00	16:35																									
ZZZZZZ	1.00	16:40																									
CCV	1.00	16:46		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	16:51		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	16:56																									
ZZZZZZ	1.00	17:01																									
ZZZZZZ	1.00	17:06																									
ZZZZZZ	1.00	17:11																									
ZZZZZZ	1.00	17:16																									
ZZZZZZ	1.00	17:21																									
ZZZZZZ	1.00	17:26																									
NM-MW-01-GW	1.00	17:30		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MW-03-GW	1.00	17:35		X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

STL BUFFALO

Ecology & Environment, Inc.

-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG No.: A66915

Instrument ID Number: SUPERTRACE Method: P

Start Date: 6/23/2006 End Date: 6/23/2006

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
NM-MW-04-GW	1.00	17:40		X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
CCV	1.00	17:47		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
CCB	1.00	17:52		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
NM-MW-05-GW	1.00	17:57		X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
NM-MW-06-GW	1.00	18:02		X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
ZZZZZZ	1.00	18:06																												
ZZZZZZ	1.00	18:11																												
ZZZZZZ	1.00	18:16																												
ZZZZZZ	5.00	18:21																												
ZZZZZZ	1.00	18:26																												
ZZZZZZ	1.00	18:31																												
ZZZZZZ	1.00	18:36																												
ZZZZZZ	1.00	18:41																												
CCV	1.00	18:47		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
CCB	1.00	18:52		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

STL BUFFALO

Ecology & Environment, Inc.

-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG No.: A66915

Instrument ID Number: SUPERTRACE2 Method: P

Start Date: 7/3/2006 End Date: 7/4/2006

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
STD BLK	1.00	19:11						X																						
STD 1	1.00	19:15						X																						
STD 2	1.00	19:20						X																						
STD 3	1.00	19:24						X																						
STD 3 VER	1.00	19:29						X																						
ICV	1.00	19:34						X																						
ICB	1.00	19:39						X																						
CRI	1.00	19:44						X																						
ICSA	1.00	19:49						X																						
ICSAB	1.00	19:53						X																						
CCV	1.00	20:00						X																						
CCB	1.00	20:05						X																						
ZZZZZZ	5.00	20:09																												
ZZZZZZ	10.00	20:14																												
ZZZZZZ	10.00	20:19																												
ZZZZZZ	5.00	20:24																												
ZZZZZZ	20.00	20:29																												
ZZZZZZ	5.00	20:34																												
ZZZZZZ	10.00	20:39																												
ZZZZZZ	50.00	20:44																												
ZZZZZZ	1.00	20:48																												
ZZZZZZ	1.00	20:53																												
CCV	1.00	21:00						X																						
CCB	1.00	21:04						X																						
ZZZZZZ	1.00	21:09																												
ZZZZZZ	1.00	21:14																												
ZZZZZZ	1.00	21:19																												
ZZZZZZ	1.00	21:24																												
ZZZZZZ	1.00	21:29																												
ZZZZZZ	1.00	21:34																												
ZZZZZZ	5.00	21:39																												
CRI	1.00	21:48						X																						
ICSA	1.00	21:52						X																						

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

STL BUFFALO

Ecology & Environment, Inc.

-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG No.: A66915

Instrument ID Number: SUPERTRACE2 Method: P

Start Date: 7/3/2006 End Date: 7/4/2006

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
ICSAB	1.00	21:57						X																						
CCV	1.00	22:04						X																						
CCB	1.00	22:08						X																						
ZZZZZZ	1.00	22:13																												
ZZZZZZ	1.00	22:18																												
ZZZZZZ	1.00	22:23																												
ZZZZZZ	1.00	22:28																												
ZZZZZZ	1.00	22:33																												
ZZZZZZ	1.00	22:38																												
ZZZZZZ	1.00	22:43																												
ZZZZZZ	1.00	22:47																												
ZZZZZZ	1.00	22:52																												
ZZZZZZ	1.00	22:57																												
CCV	1.00	23:04						X																						
CCB	1.00	23:08						X																						
ZZZZZZ	1.00	23:13																												
ZZZZZZ	1.00	23:18																												
ZZZZZZ	1.00	23:23																												
ZZZZZZ	1.00	23:28																												
ZZZZZZ	1.00	23:33																												
ZZZZZZ	1.00	23:38																												
ZZZZZZ	5.00	23:43																												
ZZZZZZ	1.00	23:47																												
ZZZZZZ	1.00	23:52																												
ZZZZZZ	5.00	23:57																												
CCV	1.00	00:04						X																						
CCB	1.00	00:08						X																						
ZZZZZZ	1.00	00:13																												
ZZZZZZ	1.00	00:18																												
ZZZZZZ	1.00	00:23																												
ZZZZZZ	1.00	00:28																												
ZZZZZZ	1.00	00:33																												
ZZZZZZ	1.00	00:38																												

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

STL BUFFALO

Ecology & Environment, Inc.

-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG No.: A66915

Instrument ID Number: SUPERTRACE2 Method: P

Start Date: 7/3/2006 End Date: 7/4/2006

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
ZZZZZZ	1.00	00:43																												
ZZZZZZ	5.00	00:47																												
ZZZZZZ	1.00	00:52																												
ZZZZZZ	1.00	00:57																												
CCV	1.00	01:04						X																						
CCB	1.00	01:08						X																						
ZZZZZZ	1.00	01:13																												
ZZZZZZ	1.00	01:20																												
ZZZZZZ	1.00	01:25																												
ZZZZZZ	1.00	01:31																												
ZZZZZZ	1.00	01:36																												
NM-MW-03-GW	1.00	01:42						X																						
ZZZZZZ	1.00	01:47																												
NM-MW-04-GW	1.00	01:53						X																						
ZZZZZZ	1.00	01:58																												
NM-MW-05-GW	1.00	02:04						X																						
CCV	1.00	02:12						X																						
CCB	1.00	02:17						X																						
ZZZZZZ	1.00	02:22																												
NM-MW-06-GW	1.00	02:28						X																						
ZZZZZZ	1.00	02:33																												
CCV	1.00	02:41						X																						
CCB	1.00	02:46						X																						

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

STL BUFFALO

Ecology & Environment, Inc.

-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG No.: A66915

Instrument ID Number: LEEMAN PS200II Method: CV

Start Date: 6/19/2006 End Date: 6/19/2006

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ICV	1.00	15:32																X									
ICB	1.00	15:34																X									
CRA	1.00	15:35																X									
CCV	1.00	15:36																X									
CCB	1.00	15:37																X									
ZZZZZZ	1.00	15:39																									
ZZZZZZ	1.00	15:40																									
ZZZZZZ	1.00	15:41																									
ZZZZZZ	1.00	15:42																									
ZZZZZZ	1.00	15:43																									
ZZZZZZ	1.00	15:45																									
ZZZZZZ	1.00	15:46																									
NM-MW-MPI-01-GW	1.00	15:47																X									
NM-MW-MPI-02-GW	1.00	15:48																X									
NM-MW-MPI-03-GW	1.00	15:50																X									
CCV	1.00	15:51																X									
CCB	1.00	15:52																X									
NM-MW-MPI-04-GW	1.00	15:54																X									
ZZZZZZ	1.00	15:55																									
NM-MW-MPI-06-GW	1.00	15:57																X									
NM-MW-DEC-GW	1.00	15:58																X									
NM-MW-DOT-GW	1.00	15:59																X									
NM-MW-MPI-06-GW/D	1.00	16:00																X									
NM-MW-02-GW	1.00	16:01																X									
NM-MW-02-GW\MS	1.00	16:03																X									
NM-MW-02-GW\SD	1.00	16:04																X									
ZZZZZZ	1.00	16:05																									
CCV	1.00	16:06																X									
CCB	1.00	16:07																X									
ZZZZZZ	1.00	16:09																									
ZZZZZZ	1.00	16:10																									
ZZZZZZ	1.00	16:11																									
ZZZZZZ	1.00	16:12																									

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

STL BUFFALO

Ecology & Environment, Inc.

-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG No.: A66915

Instrument ID Number: LEEMAN PS200II Method: CV

Start Date: 6/19/2006 End Date: 6/19/2006

Sample ID.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	16:14																									
AD635860-LCS	1.00	16:15																X									
AD635861-MBLK	1.00	16:16																X									
ZZZZZZ	1.00	16:17																									
ZZZZZZ	1.00	16:18																									
ZZZZZZ	1.00	16:20																									
CCV	1.00	16:21																X									
CCB	1.00	16:22																X									

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

STL BUFFALO

Ecology & Environment, Inc.

-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG No.: A66915

Instrument ID Number: LEEMAN PS200II Method: CV

Start Date: 6/20/2006 End Date: 6/20/2006

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ICV	1.00	17:33																X									
ICB	1.00	17:35																X									
CRA	1.00	17:36																X									
CCV	1.00	17:37																X									
CCB	1.00	17:38																X									
ZZZZZZ	1.00	17:40																									
ZZZZZZ	1.00	17:41																									
ZZZZZZ	1.00	17:42																									
ZZZZZZ	1.00	17:44																									
ZZZZZZ	1.00	17:45																									
ZZZZZZ	1.00	17:46																									
ZZZZZZ	1.00	17:47																									
NM-MW-MPI-05-GW	1.00	17:48																X									
ZZZZZZ	1.00	17:50																									
ZZZZZZ	1.00	17:51																									
CCV	1.00	17:52																X									
CCB	1.00	17:54																X									
ZZZZZZ	1.00	17:55																									
ZZZZZZ	1.00	17:56																									
ZZZZZZ	1.00	17:57																									
ZZZZZZ	1.00	17:58																									
ZZZZZZ	1.00	17:59																									
ZZZZZZ	1.00	18:01																									
ZZZZZZ	1.00	18:02																									
ZZZZZZ	1.00	18:03																									
ZZZZZZ	1.00	18:04																									
ZZZZZZ	1.00	18:05																									
CCV	1.00	18:06																X									
CCB	1.00	18:08																X									
ZZZZZZ	1.00	18:09																									
ZZZZZZ	1.00	18:10																									
ZZZZZZ	1.00	18:12																									
ZZZZZZ	1.00	18:13																									

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

STL BUFFALO

Ecology & Environment, Inc.

-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG No.: A66915

Instrument ID Number: LEEMAN PS200II Method: CV

Start Date: 6/20/2006 End Date: 6/20/2006

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
AD636111-LCS	1.00	18:14																X									
AD636112-MBLK	1.00	18:15																X									
ZZZZZZ	1.00	18:17																									
ZZZZZZ	1.00	18:18																									
ZZZZZZ	1.00	18:19																									
ZZZZZZ	1.00	18:21																									
CRA	1.00	18:23																X									
CCV	1.00	18:24																X									
CCB	1.00	18:25																X									

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

STL BUFFALO

Ecology & Environment, Inc.

-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG No.: A66915

Instrument ID Number: LEEMAN PS200II Method: CV

Start Date: 6/26/2006 End Date: 6/26/2006

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ICV	1.00	11:15																X									
ICB	1.00	11:17																X									
CRA	1.00	11:18																X									
CCV	1.00	11:19																X									
CCB	1.00	11:20																X									
ZZZZZZ	1.00	11:22																									
ZZZZZZ	1.00	11:23																									
ZZZZZZ	1.00	11:24																									
ZZZZZZ	1.00	11:25																									
ZZZZZZ	1.00	11:26																									
ZZZZZZ	1.00	11:28																									
ZZZZZZ	1.00	11:29																									
ZZZZZZ	1.00	11:30																									
ZZZZZZ	1.00	11:31																									
ZZZZZZ	1.00	11:32																									
CCV	1.00	11:34																X									
CCB	1.00	11:35																X									
ZZZZZZ	1.00	11:37																									
ZZZZZZ	1.00	11:38																									
ZZZZZZ	1.00	11:39																									
ZZZZZZ	1.00	11:40																									
ZZZZZZ	1.00	11:41																									
ZZZZZZ	1.00	11:42																									
ZZZZZZ	1.00	11:45																									
ZZZZZZ	1.00	11:46																									
ZZZZZZ	1.00	11:47																									
ZZZZZZ	1.00	11:48																									
CCV	1.00	11:50																X									
CCB	1.00	11:51																X									
ZZZZZZ	1.00	11:52																									
ZZZZZZ	1.00	11:53																									
ZZZZZZ	1.00	11:54																									
ZZZZZZ	1.00	11:56																									

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

STL BUFFALO

Ecology & Environment, Inc.

-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG No.: A66915

Instrument ID Number: LEEMAN PS200II Method: CV

Start Date: 6/26/2006 End Date: 6/26/2006

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	11:57																												
ZZZZZZ	1.00	11:58																												
ZZZZZZ	1.00	11:59																												
ZZZZZZ	1.00	12:00																												
ZZZZZZ	1.00	12:02																												
ZZZZZZ	1.00	12:04																												
CCV	1.00	12:05																X												
CCB	1.00	12:06																X												
ZZZZZZ	1.00	12:07																												
ZZZZZZ	1.00	12:09																												
NM-MW-01-GW	1.00	12:10																X												
NM-MW-03-GW	1.00	12:11																X												
NM-MW-04-GW	1.00	12:12																X												
NM-MW-05-GW	1.00	12:13																X												
NM-MW-06-GW	1.00	12:15																X												
ZZZZZZ	1.00	12:16																												
ZZZZZZ	1.00	12:17																												
ZZZZZZ	1.00	12:18																												
CCV	1.00	12:19																X												
CCB	1.00	12:20																X												
ZZZZZZ	1.00	12:22																												
ZZZZZZ	1.00	12:23																												
ZZZZZZ	1.00	12:24																												
ZZZZZZ	1.00	12:25																												
ZZZZZZ	1.00	12:26																												
ZZZZZZ	1.00	12:28																												
ZZZZZZ	1.00	12:29																												
ZZZZZZ	1.00	12:31																												
AD637006-MBLK	1.00	12:32																X												
AD637005-LCS	1.00	12:33																X												
CCV	1.00	12:34																X												
CCB	1.00	12:36																X												

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

Metals Raw Data

Analysis Report 06/21/06 07:08:33 AM page 1

STL Buffalo Analyst: AK Date: 6/21/06 Secondary Review: RWS Date: 6/21/06
Spikes: 5-MDL-18, 1-MDL-5, 7-107-E, 7-134-F, 2-MDL-17
Pippettes: 05-12-06-(1-14)

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	STD BLK 7-129-A	1062006	TRACE1	06/20/06	14:36		X	IR
2	STD 1 7-133-C	1062006	TRACE1	06/20/06	14:41		X	IR
3	STD 2 7-133-D	1062006	TRACE1	06/20/06	14:46		X	IR
4	STD 3 7-133B	1062006	TRACE1	06/20/06	14:50		X	IR
5	STD 3 VER ↓	1062006	TRACE1	06/20/06	14:55	SW	B	CONC
6	ICV 7-131E	1062006	TRACE1	06/20/06	15:00	SW	Q	CONC
7	ICB 7-129-A	1062006	TRACE1	06/20/06	15:05	SW	B	CONC
8	CRI 7-130-A	1062006	TRACE1	06/20/06	15:10	SW	B	CONC
9	ICSA 7-128-B	1062006	TRACE1	06/20/06	15:15	SW	Q	CONC
10	ICSAB 7-132-C	1062006	TRACE1	06/20/06	15:20	SW	Q	CONC
11	CCV 7-135-F	1062006	TRACE1	06/20/06	15:26	SW	Q	CONC
12	CCB 7-129-A	1062006	TRACE1	06/20/06	15:43	SW	B	CONC
13	AD636051/PB	1062006	TRACE1	06/20/06	15:48	SW	S	CONC
14	AD636050/FB	1062006	TRACE1	06/20/06	15:52	SW	S	CONC
15	AD636113 6802	1062006	TRACE1	06/20/06	15:57	SW	S	CONC
16	AD636036 6914	1062006	TRACE1	06/20/06	16:02	SW	S	CONC
17	AD636037	1062006	TRACE1	06/20/06	16:07	SW	S	CONC
18	AD636038	1062006	TRACE1	06/20/06	16:12	SW	S	CONC
19	AD636039	1062006	TRACE1	06/20/06	16:17	SW	S	CONC
20	AD636040	1062006	TRACE1	06/20/06	16:22	SW	S	CONC
21	AD636040/L (1:5)	1062006	TRACE1	06/20/06	16:27	SW	S	CONC
22	AD636040/PS	1062006	TRACE1	06/20/06	16:32	SW	S	CONC
23	CCV	1062006	TRACE1	06/20/06	16:38	SW	Q	CONC
24	CCB	1062006	TRACE1	06/20/06	16:43	SW	B	CONC
25	AD636041/MS	1062006	TRACE1	06/20/06	16:48	SW	S	CONC
26	AD636042/SD	1062006	TRACE1	06/20/06	16:53	SW	S	CONC
27	AD636043	1062006	TRACE1	06/20/06	16:58	SW	S	CONC
28	AD636044	1062006	TRACE1	06/20/06	17:03	SW	S	CONC
29	AD636045	1062006	TRACE1	06/20/06	17:08	SW	S	CONC
30	AD636046	1062006	TRACE1	06/20/06	17:13	SW	S	CONC
31	AD636047	1062006	TRACE1	06/20/06	17:18	SW	S	CONC
32	AD636048	1062006	TRACE1	06/20/06	17:23	SW	S	CONC
33	AD636049	1062006	TRACE1	06/20/06	17:28	SW	S	CONC
34	AD636072 6951	1062006	TRACE1	06/20/06	17:33	SW	S	CONC
35	CCV	1062006	TRACE1	06/20/06	17:39	SW	Q	CONC
36	CCB	1062006	TRACE1	06/20/06	17:44	SW	B	CONC
37	AD636119/PB	1062006	TRACE1	06/20/06	17:49	SW	S	CONC
38	AD636118/LCS	1062006	TRACE1	06/20/06	17:54	SW	S	CONC
39	AD636117/EBLK	1062006	TRACE1	06/20/06	17:59	SW	S	CONC
40	AD636114 6943	1062006	TRACE1	06/20/06	18:03	SW	S	CONC
41	AD636114/L (1:5)	1062006	TRACE1	06/20/06	18:08	SW	S	CONC
42	AD636114/PS	1062006	TRACE1	06/20/06	18:13	SW	S	CONC
43	AD636115/MS	1062006	TRACE1	06/20/06	18:18	SW	S	CONC
44	AD636116/SD	1062006	TRACE1	06/20/06	18:23	SW	S	CONC
45	AD635944/PB	1062006	TRACE1	06/20/06	18:29	SW	S	CONC
46	AD635943/LCS	1062006	TRACE1	06/20/06	18:34	SW	S	CONC
47	CCV	1062006	TRACE1	06/20/06	18:41	SW	Q	CONC
48	CCB	1062006	TRACE1	06/20/06	18:46	SW	B	CONC
49	AD635942/EBLK	1062006	TRACE1	06/20/06	18:51	SW	S	CONC
50	AD635935 6920	1062006	TRACE1	06/20/06	18:56	SW	S	CONC

Analysis Report Summary 06/21/06 07:08:33 AM page 2

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
51	AD635935/L (1:5) 6920	1062006	TRACE1	06/20/06	19:00	SW	S	CONC
52	AD635935/PS	1062006	TRACE1	06/20/06	19:05	SW	S	CONC
53	AD635936	1062006	TRACE1	06/20/06	19:10	SW	S	CONC
54	AD635937 6924	1062006	TRACE1	06/20/06	19:15	SW	S	CONC
55	AD635937/L (1:5)	1062006	TRACE1	06/20/06	19:20	SW	S	CONC
56	AD635937/PS	1062006	TRACE1	06/20/06	19:25	SW	S	CONC
57	AD635938/MS	1062006	TRACE1	06/20/06	19:30	SW	S	CONC
58	AD635939/SD	1062006	TRACE1	06/20/06	19:35	SW	S	CONC
59	CCV	1062006	TRACE1	06/20/06	19:41	SW	Q	CONC
60	CCB	1062006	TRACE1	06/20/06	19:46	SW	B	CONC
61	AD635940	1062006	TRACE1	06/20/06	19:51	SW	S	CONC
62	AD635941	1062006	TRACE1	06/20/06	19:56	SW	S	CONC
63	AD636035/PB	1062006	TRACE1	06/20/06	20:02	SW	S	CONC
64	AD636034/FB	1062006	TRACE1	06/20/06	20:07	SW	S	CONC
65	AD636016 6835	1062006	TRACE1	06/20/06	20:12	SW	S	CONC
66	AD636016/L (1:5)	1062006	TRACE1	06/20/06	20:17	SW	S	CONC
67	AD636016/PS	1062006	TRACE1	06/20/06	20:22	SW	S	CONC
68	AD636017/MS	1062006	TRACE1	06/20/06	20:27	SW	S	CONC
69	AD636018/SD	1062006	TRACE1	06/20/06	20:32	SW	S	CONC
70	AD636019	1062006	TRACE1	06/20/06	20:37	SW	S	CONC
71	CCV	1062006	TRACE1	06/20/06	20:43	SW	Q	CONC
72	CCB	1062006	TRACE1	06/20/06	20:48	SW	B	CONC
73	AD636020	1062006	TRACE1	06/20/06	20:53	SW	S	CONC
74	AD636021	1062006	TRACE1	06/20/06	20:58	SW	S	CONC
75	AD636022 6874	1062006	TRACE1	06/20/06	21:03	SW	S	CONC
76	AD636023	1062006	TRACE1	06/20/06	21:08	SW	S	CONC
77	AD636024	1062006	TRACE1	06/20/06	21:13	SW	S	CONC
78	AD636025	1062006	TRACE1	06/20/06	21:18	SW	S	CONC
79	AD636026	1062006	TRACE1	06/20/06	21:23	SW	S	CONC
80	AD636027	1062006	TRACE1	06/20/06	21:28	SW	S	CONC
81	AD636028 6925	1062006	TRACE1	06/20/06	21:33	SW	S	CONC
82	AD636029	1062006	TRACE1	06/20/06	21:38	SW	S	CONC
83	CCV	1062006	TRACE1	06/20/06	21:44	SW	Q	CONC
84	CCB	1062006	TRACE1	06/20/06	21:49	SW	B	CONC
85	STD BLK	1062006	TRACE1	06/20/06	22:00		X	IR
86	STD 1	1062006	TRACE1	06/20/06	22:05		X	IR
87	STD 2	1062006	TRACE1	06/20/06	22:09		X	IR
88	STD 3	1062006	TRACE1	06/20/06	22:14		X	IR
89	STD 3 VER	1062006	TRACE1	06/20/06	22:19	SW	B	CONC
90	ICV	1062006	TRACE1	06/20/06	22:24	SW	Q	CONC
91	ICB	1062006	TRACE1	06/20/06	22:29	SW	B	CONC
92	CRI	1062006	TRACE1	06/20/06	22:34	SW	B	CONC
93	ICSA	1062006	TRACE1	06/20/06	22:38	SW	Q	CONC
94	ICSAB	1062006	TRACE1	06/20/06	22:43	SW	Q	CONC
95	CCV	1062006	TRACE1	06/20/06	22:50	SW	Q	CONC
96	CCB	1062006	TRACE1	06/20/06	22:55	SW	B	CONC
97	AD636030	1062006	TRACE1	06/20/06	23:00	SW	S	CONC
98	AD636031	1062006	TRACE1	06/20/06	23:05	SW	S	CONC
99	AD636032	1062006	TRACE1	06/20/06	23:09	SW	S	CONC
100	AD636033	1062006	TRACE1	06/20/06	23:14	SW	S	CONC
101	AD635995/PB	1062006	TRACE1	06/20/06	23:21	SW	S	CONC
102	AD635994/FB	1062006	TRACE1	06/20/06	23:26	SW	S	CONC
103	AD635976 6736	1062006	TRACE1	06/20/06	23:31	SW	S	CONC
104	AD635976/L (1:5)	1062006	TRACE1	06/20/06	23:36	SW	S	CONC

Analysis Report Summary 06/21/06 07:08:33 AM page 3

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
105	AD635976/PS 6736	1062006	TRACE1	06/20/06	23:41	SW	S	CONC
106	AD635977/MS	1062006	TRACE1	06/20/06	23:45	SW	S	CONC
107	CCV	1062006	TRACE1	06/20/06	23:52	SW	Q	CONC
108	CCB	1062006	TRACE1	06/20/06	23:57	SW	B	CONC
109	AD635978/SD	1062006	TRACE1	06/21/06	00:02	SW	S	CONC
110	AD635979	1062006	TRACE1	06/21/06	00:07	SW	S	CONC
111	AD635980	1062006	TRACE1	06/21/06	00:12	SW	S	CONC
112	AD635981 6793	1062006	TRACE1	06/21/06	00:17	SW	S	CONC
113	AD635982 6875	1062006	TRACE1	06/21/06	00:21	SW	S	CONC
114	AD635983	1062006	TRACE1	06/21/06	00:26	SW	S	CONC
115	AD635984	1062006	TRACE1	06/21/06	00:31	SW	S	CONC
116	AD635985	1062006	TRACE1	06/21/06	00:36	SW	S	CONC
117	AD635986	1062006	TRACE1	06/21/06	00:41	SW	S	CONC
118	AD635987 ~~6842~~ 6892	1062006	TRACE1	06/21/06	00:46	SW	S	CONC
119	CCV	1062006	TRACE1	06/21/06	00:53	SW	Q	CONC
120	CCB	1062006	TRACE1	06/21/06	00:57	SW	B	CONC
121	AD635988 ~~6842~~ 6919	1062006	TRACE1	06/21/06	01:02	SW	S	CONC
122	AD635989 ~~6918~~ 6935	1062006	TRACE1	06/21/06	01:07	SW	S	CONC
123	AD635990	1062006	TRACE1	06/21/06	01:12	SW	S	CONC
124	AD635991	1062006	TRACE1	06/21/06	01:17	SW	S	CONC
125	AD635992 6935	1062006	TRACE1	06/21/06	01:22	SW	S	CONC
126	AD635993	1062006	TRACE1	06/21/06	01:27	SW	S	CONC
127	AD635975/PB	1062006	TRACE1	06/21/06	01:34	SW	S	CONC
128	AD635974/FB	1062006	TRACE1	06/21/06	01:38	SW	S	CONC
129	AD635959 6915	1062006	TRACE1	06/21/06	01:43	SW	S	CONC
130	AD635960	1062006	TRACE1	06/21/06	01:48	SW	S	CONC
131	CCV	1062006	TRACE1	06/21/06	01:55	SW	Q	CONC
132	CCB	1062006	TRACE1	06/21/06	02:00	SW	B	CONC
133	AD635961	1062006	TRACE1	06/21/06	02:05	SW	S	CONC
134	AD635962	1062006	TRACE1	06/21/06	02:10	SW	S	CONC
135	AD635963	1062006	TRACE1	06/21/06	02:15	SW	S	CONC
136	AD635964	1062006	TRACE1	06/21/06	02:20	SW	S	CONC
137	AD635965	1062006	TRACE1	06/21/06	02:24	SW	S	CONC
138	AD635966	1062006	TRACE1	06/21/06	02:29	SW	S	CONC
139	AD635967	1062006	TRACE1	06/21/06	02:34	SW	S	CONC
140	AD635968	1062006	TRACE1	06/21/06	02:39	SW	S	CONC
141	AD635968/L (1:5)	1062006	TRACE1	06/21/06	02:44	SW	S	CONC
142	AD635968/PS	1062006	TRACE1	06/21/06	02:49	SW	S	CONC
143	CCV	1062006	TRACE1	06/21/06	02:56	SW	Q	CONC
144	CCB	1062006	TRACE1	06/21/06	03:01	SW	B	CONC
145	AD635969/MS	1062006	TRACE1	06/21/06	03:06	SW	S	CONC
146	AD635970/SD	1062006	TRACE1	06/21/06	03:10	SW	S	CONC
147	AD635971 6918	1062006	TRACE1	06/21/06	03:15	SW	S	CONC
148	AD635972 6928	1062006	TRACE1	06/21/06	03:20	SW	S	CONC
149	AD635973	1062006	TRACE1	06/21/06	03:25	SW	S	CONC
150	CCV	1062006	TRACE1	06/21/06	03:32	SW	Q	CONC
151	CCB	1062006	TRACE1	06/21/06	03:37	SW	B	CONC

Method: TRACE1
Mode: Concentration
Standards Table: NAKCAMG
Data File: 1MAR1606

Element	Wavelength	Date-of-Fit	Type-of-Fit	Correlation
Ca3179	317.933	03/16/06 12:41	Full Fit	.999981
K_7664	766.491	03/16/06 12:42	Full Fit	.999964
Mg2790	279.078	03/16/06 12:42	Full Fit	.999984
Na3302	330.232	03/16/06 12:42	Full Fit	.999996

Calibration Report 03/16/06 12:13:42 PM

Method: TRACE1 Standard Name: STD BLK Operator:
Run Time: 03/16/06 12:10:41
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	.0307293	-.210334	.0034779	.0046080
SDev	.0001792	.001148	.0008062	.0017080
%RSD	.5830732	.5455866	23.17903	37.06602
#1	.0306026	-.209522	.0040480	.0034003
#2	.0308560	-.211145	.0029079	.0058158
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6183	--	--	--	--	--	--
SDev	9.970275	--	--	--	--	--	--
%RSD	.1612530	--	--	--	--	--	--
#1	6176	--	--	--	--	--	--
#2	6190	--	--	--	--	--	--

Calibration Report 03/16/06 12:18:30 PM

Method: TRACE1 Standard Name: STD 1 Operator:
Run Time: 03/16/06 12:15:29
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	4.325460	13.47969	2.098351	.2085747
SDev	.020176	.17325	.002100	.0012783
%RSD	.4664367	1.285301	.1000911	.6128554
#1	4.311193	13.35718	2.096866	.2094785
#2	4.339726	13.60220	2.099836	.2076708
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6238	--	--	--	--	--	--
SDev	16.01590	--	--	--	--	--	--
%RSD	.2567669	--	--	--	--	--	--
#1	6249	--	--	--	--	--	--
#2	6226	--	--	--	--	--	--

Calibration Report 03/16/06 12:23:41 PM

Method: TRACE1 Standard Name: STD 2 Operator:
Run Time: 03/16/06 12:20:40
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	21.99334	68.78076	10.86834	1.057659
SDev	.05185	.62654	.01476	.004322
%RSD	.2357321	.9109246	.1358212	.4086057
#1	21.95668	68.33773	10.87878	1.060715
#2	22.02999	69.22379	10.85790	1.054603
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6058	--	--	--	--	--	--
SDev	33.41080	--	--	--	--	--	--
%RSD	.5515039	--	--	--	--	--	--
#1	6082	--	--	--	--	--	--
#2	6034	--	--	--	--	--	--

Calibration Report 03/16/06 12:28:41 PM

Method: TRACE1 Standard Name: STD 3 Operator:
Run Time: 03/16/06 12:25:40
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	43.47566	134.3991	21.79380	2.161770
SDev	.08537	.8460	.04223	.000122
%RSD	.1963689	.6294374	.1937543	.0056540
#1	43.41529	133.8009	21.82366	2.161684
#2	43.53603	134.9973	21.76394	2.161857
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6005	--	--	--	--	--	--
SDev	19.94055	--	--	--	--	--	--
%RSD	.3320768	--	--	--	--	--	--
#1	5991	--	--	--	--	--	--
#2	6019	--	--	--	--	--	--

Calibration Report 03/16/06 12:33:59 PM

Method: TRACE1 Standard Name: NAKCAMG100 Operator:
Run Time: 03/16/06 12:30:59
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	86.27998	263.7991	43.97542	4.485132
SDev	.10470	.3689	.06104	.004614
%RSD	.1213517	.1398480	.1388097	.1028635
#1	86.20595	263.5382	43.93225	4.488394
#2	86.35402	264.0599	44.01858	4.481870
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5989	--	--	--	--	--	--
SDev	7.106630	--	--	--	--	--	--
%RSD	.1186589	--	--	--	--	--	--
#1	5984	--	--	--	--	--	--
#2	5994	--	--	--	--	--	--

Calibration Report 03/16/06 12:39:53 PM

Method: TRACE1 Standard Name: NAKCAMG400 Operator:
Run Time: 03/16/06 12:36:52
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	333.8220	988.5113	185.6037	21.18327
SDev	5.0884	14.1960	3.1057	.29009
%RSD	1.524296	1.436094	1.673278	1.369444
#1	330.2239	978.4733	183.4077	20.97814
#2	337.4201	998.5494	187.7998	21.38839
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5702	--	--	--	--	--	--
SDev	76.04954	--	--	--	--	--	--
%RSD	1.333729	--	--	--	--	--	--
#1	5756	--	--	--	--	--	--
#2	5648	--	--	--	--	--	--

Analysis Report Summary 06/21/06 07:08:50 AM page 1

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	AD635935	1062006	TRACE1	06/20/06	18:56	SW	S	CONC
2	AD635935/L (1:5)	1062006	TRACE1	06/20/06	19:00	SW	S	CONC
3	AD635935/PS	1062006	TRACE1	06/20/06	19:05	SW	S	CONC
4	AD635936	1062006	TRACE1	06/20/06	19:10	SW	S	CONC
5	AD635937	1062006	TRACE1	06/20/06	19:15	SW	S	CONC
6	AD635937/L (1:5)	1062006	TRACE1	06/20/06	19:20	SW	S	CONC
7	AD635937/PS	1062006	TRACE1	06/20/06	19:25	SW	S	CONC
8	AD635938/MS	1062006	TRACE1	06/20/06	19:30	SW	S	CONC
9	AD635939/SD	1062006	TRACE1	06/20/06	19:35	SW	S	CONC
10	AD635940	1062006	TRACE1	06/20/06	19:51	SW	S	CONC
11	AD635941	1062006	TRACE1	06/20/06	19:56	SW	S	CONC
12	AD635942/EBLK	1062006	TRACE1	06/20/06	18:51	SW	S	CONC
13	AD635943/LCS	1062006	TRACE1	06/20/06	18:34	SW	S	CONC
14	AD635944/PB	1062006	TRACE1	06/20/06	18:29	SW	S	CONC
15	AD635959	1062006	TRACE1	06/21/06	01:43	SW	S	CONC
16	AD635960	1062006	TRACE1	06/21/06	01:48	SW	S	CONC
17	AD635961	1062006	TRACE1	06/21/06	02:05	SW	S	CONC
18	AD635962	1062006	TRACE1	06/21/06	02:10	SW	S	CONC
19	AD635963	1062006	TRACE1	06/21/06	02:15	SW	S	CONC
20	AD635964	1062006	TRACE1	06/21/06	02:20	SW	S	CONC
21	AD635965	1062006	TRACE1	06/21/06	02:24	SW	S	CONC
22	AD635966	1062006	TRACE1	06/21/06	02:29	SW	S	CONC
23	AD635967	1062006	TRACE1	06/21/06	02:34	SW	S	CONC
24	AD635968	1062006	TRACE1	06/21/06	02:39	SW	S	CONC
25	AD635968/L (1:5)	1062006	TRACE1	06/21/06	02:44	SW	S	CONC
26	AD635968/PS	1062006	TRACE1	06/21/06	02:49	SW	S	CONC
27	AD635969/MS	1062006	TRACE1	06/21/06	03:06	SW	S	CONC
28	AD635970/SD	1062006	TRACE1	06/21/06	03:10	SW	S	CONC
29	AD635971	1062006	TRACE1	06/21/06	03:15	SW	S	CONC
30	AD635972	1062006	TRACE1	06/21/06	03:20	SW	S	CONC
31	AD635973	1062006	TRACE1	06/21/06	03:25	SW	S	CONC
32	AD635974/FB	1062006	TRACE1	06/21/06	01:38	SW	S	CONC
33	AD635975/PB	1062006	TRACE1	06/21/06	01:34	SW	S	CONC
34	AD635976	1062006	TRACE1	06/20/06	23:31	SW	S	CONC
35	AD635976/L (1:5)	1062006	TRACE1	06/20/06	23:36	SW	S	CONC
36	AD635976/PS	1062006	TRACE1	06/20/06	23:41	SW	S	CONC
37	AD635977/MS	1062006	TRACE1	06/20/06	23:45	SW	S	CONC
38	AD635978/SD	1062006	TRACE1	06/21/06	00:02	SW	S	CONC
39	AD635979	1062006	TRACE1	06/21/06	00:07	SW	S	CONC
40	AD635980	1062006	TRACE1	06/21/06	00:12	SW	S	CONC
41	AD635981	1062006	TRACE1	06/21/06	00:17	SW	S	CONC
42	AD635982	1062006	TRACE1	06/21/06	00:21	SW	S	CONC
43	AD635983	1062006	TRACE1	06/21/06	00:26	SW	S	CONC
44	AD635984	1062006	TRACE1	06/21/06	00:31	SW	S	CONC
45	AD635985	1062006	TRACE1	06/21/06	00:36	SW	S	CONC
46	AD635986	1062006	TRACE1	06/21/06	00:41	SW	S	CONC
47	AD635987	1062006	TRACE1	06/21/06	00:46	SW	S	CONC
48	AD635988	1062006	TRACE1	06/21/06	01:02	SW	S	CONC
49	AD635989	1062006	TRACE1	06/21/06	01:07	SW	S	CONC
50	AD635990	1062006	TRACE1	06/21/06	01:12	SW	S	CONC
51	AD635991	1062006	TRACE1	06/21/06	01:17	SW	S	CONC
52	AD635992	1062006	TRACE1	06/21/06	01:22	SW	S	CONC
53	AD635993	1062006	TRACE1	06/21/06	01:27	SW	S	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
54	AD635994/FB	1062006	TRACE1	06/20/06	23:26	SW	S	CONC
55	AD635995/PB	1062006	TRACE1	06/20/06	23:21	SW	S	CONC
56	AD636016	1062006	TRACE1	06/20/06	20:12	SW	S	CONC
57	AD636016/L (1:5)	1062006	TRACE1	06/20/06	20:17	SW	S	CONC
58	AD636016/PS	1062006	TRACE1	06/20/06	20:22	SW	S	CONC
59	AD636017/MS	1062006	TRACE1	06/20/06	20:27	SW	S	CONC
60	AD636018/SD	1062006	TRACE1	06/20/06	20:32	SW	S	CONC
61	AD636019	1062006	TRACE1	06/20/06	20:37	SW	S	CONC
62	AD636020	1062006	TRACE1	06/20/06	20:53	SW	S	CONC
63	AD636021	1062006	TRACE1	06/20/06	20:58	SW	S	CONC
64	AD636022	1062006	TRACE1	06/20/06	21:03	SW	S	CONC
65	AD636023	1062006	TRACE1	06/20/06	21:08	SW	S	CONC
66	AD636024	1062006	TRACE1	06/20/06	21:13	SW	S	CONC
67	AD636025	1062006	TRACE1	06/20/06	21:18	SW	S	CONC
68	AD636026	1062006	TRACE1	06/20/06	21:23	SW	S	CONC
69	AD636027	1062006	TRACE1	06/20/06	21:28	SW	S	CONC
70	AD636028	1062006	TRACE1	06/20/06	21:33	SW	S	CONC
71	AD636029	1062006	TRACE1	06/20/06	21:38	SW	S	CONC
72	AD636030	1062006	TRACE1	06/20/06	23:00	SW	S	CONC
73	AD636031	1062006	TRACE1	06/20/06	23:05	SW	S	CONC
74	AD636032	1062006	TRACE1	06/20/06	23:09	SW	S	CONC
75	AD636033	1062006	TRACE1	06/20/06	23:14	SW	S	CONC
76	AD636034/FB	1062006	TRACE1	06/20/06	20:07	SW	S	CONC
77	AD636035/PB	1062006	TRACE1	06/20/06	20:02	SW	S	CONC
78	AD636036	1062006	TRACE1	06/20/06	16:02	SW	S	CONC
79	AD636037	1062006	TRACE1	06/20/06	16:07	SW	S	CONC
80	AD636038	1062006	TRACE1	06/20/06	16:12	SW	S	CONC
81	AD636039	1062006	TRACE1	06/20/06	16:17	SW	S	CONC
82	AD636040	1062006	TRACE1	06/20/06	16:22	SW	S	CONC
83	AD636040/L (1:5)	1062006	TRACE1	06/20/06	16:27	SW	S	CONC
84	AD636040/PS	1062006	TRACE1	06/20/06	16:32	SW	S	CONC
85	AD636041/MS	1062006	TRACE1	06/20/06	16:48	SW	S	CONC
86	AD636042/SD	1062006	TRACE1	06/20/06	16:53	SW	S	CONC
87	AD636043	1062006	TRACE1	06/20/06	16:58	SW	S	CONC
88	AD636044	1062006	TRACE1	06/20/06	17:03	SW	S	CONC
89	AD636045	1062006	TRACE1	06/20/06	17:08	SW	S	CONC
90	AD636046	1062006	TRACE1	06/20/06	17:13	SW	S	CONC
91	AD636047	1062006	TRACE1	06/20/06	17:18	SW	S	CONC
92	AD636048	1062006	TRACE1	06/20/06	17:23	SW	S	CONC
93	AD636049	1062006	TRACE1	06/20/06	17:28	SW	S	CONC
94	AD636050/FB	1062006	TRACE1	06/20/06	15:52	SW	S	CONC
95	AD636051/PB	1062006	TRACE1	06/20/06	15:48	SW	S	CONC
96	AD636072	1062006	TRACE1	06/20/06	17:33	SW	S	CONC
97	AD636113	1062006	TRACE1	06/20/06	15:57	SW	S	CONC
98	AD636114	1062006	TRACE1	06/20/06	18:03	SW	S	CONC
99	AD636114/L (1:5)	1062006	TRACE1	06/20/06	18:08	SW	S	CONC
100	AD636114/PS	1062006	TRACE1	06/20/06	18:13	SW	S	CONC
101	AD636115/MS	1062006	TRACE1	06/20/06	18:18	SW	S	CONC
102	AD636116/SD	1062006	TRACE1	06/20/06	18:23	SW	S	CONC
103	AD636117/EBLK	1062006	TRACE1	06/20/06	17:59	SW	S	CONC
104	AD636118/LCS	1062006	TRACE1	06/20/06	17:54	SW	S	CONC
105	AD636119/PB	1062006	TRACE1	06/20/06	17:49	SW	S	CONC
106	CCB	1062006	TRACE1	06/20/06	15:43	SW	B	CONC
107	CCB	1062006	TRACE1	06/20/06	16:43	SW	B	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
108	CCB	1062006	TRACE1	06/20/06	17:44	SW	B	CONC
109	CCB	1062006	TRACE1	06/20/06	18:46	SW	B	CONC
110	CCB	1062006	TRACE1	06/20/06	19:46	SW	B	CONC
111	CCB	1062006	TRACE1	06/20/06	20:48	SW	B	CONC
112	CCB	1062006	TRACE1	06/20/06	21:49	SW	B	CONC
113	CCB	1062006	TRACE1	06/20/06	22:55	SW	B	CONC
114	CCB	1062006	TRACE1	06/20/06	23:57	SW	B	CONC
115	CCB	1062006	TRACE1	06/21/06	00:57	SW	B	CONC
116	CCB	1062006	TRACE1	06/21/06	02:00	SW	B	CONC
117	CCB	1062006	TRACE1	06/21/06	03:01	SW	B	CONC
118	CCB	1062006	TRACE1	06/21/06	03:37	SW	B	CONC
119	CCV	1062006	TRACE1	06/20/06	15:26	SW	Q	CONC
120	CCV	1062006	TRACE1	06/20/06	16:38	SW	Q	CONC
121	CCV	1062006	TRACE1	06/20/06	17:39	SW	Q	CONC
122	CCV	1062006	TRACE1	06/20/06	18:41	SW	Q	CONC
123	CCV	1062006	TRACE1	06/20/06	19:41	SW	Q	CONC
124	CCV	1062006	TRACE1	06/20/06	20:43	SW	Q	CONC
125	CCV	1062006	TRACE1	06/20/06	21:44	SW	Q	CONC
126	CCV	1062006	TRACE1	06/20/06	22:50	SW	Q	CONC
127	CCV	1062006	TRACE1	06/20/06	23:52	SW	Q	CONC
128	CCV	1062006	TRACE1	06/21/06	00:53	SW	Q	CONC
129	CCV	1062006	TRACE1	06/21/06	01:55	SW	Q	CONC
130	CCV	1062006	TRACE1	06/21/06	02:56	SW	Q	CONC
131	CCV	1062006	TRACE1	06/21/06	03:32	SW	Q	CONC
132	CRI	1062006	TRACE1	06/20/06	15:10	SW	B	CONC
133	CRI	1062006	TRACE1	06/20/06	22:34	SW	B	CONC
134	ICB	1062006	TRACE1	06/20/06	15:05	SW	B	CONC
135	ICB	1062006	TRACE1	06/20/06	22:29	SW	B	CONC
136	ICSA	1062006	TRACE1	06/20/06	15:15	SW	Q	CONC
137	ICSA	1062006	TRACE1	06/20/06	22:38	SW	Q	CONC
138	ICSAB	1062006	TRACE1	06/20/06	15:20	SW	Q	CONC
139	ICSAB	1062006	TRACE1	06/20/06	22:43	SW	Q	CONC
140	ICV	1062006	TRACE1	06/20/06	15:00	SW	Q	CONC
141	ICV	1062006	TRACE1	06/20/06	22:24	SW	Q	CONC
142	STD 1	1062006	TRACE1	06/20/06	14:41		X	IR
143	STD 1	1062006	TRACE1	06/20/06	22:05		X	IR
144	STD 2	1062006	TRACE1	06/20/06	14:46		X	IR
145	STD 2	1062006	TRACE1	06/20/06	22:09		X	IR
146	STD 3	1062006	TRACE1	06/20/06	14:50		X	IR
147	STD 3	1062006	TRACE1	06/20/06	22:14		X	IR
148	STD 3 VER	1062006	TRACE1	06/20/06	14:55	SW	B	CONC
149	STD 3 VER	1062006	TRACE1	06/20/06	22:19	SW	B	CONC
150	STD BLK	1062006	TRACE1	06/20/06	14:36		X	IR
151	STD BLK	1062006	TRACE1	06/20/06	22:00		X	IR

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
1	AD635935	1.2926	.00159	.21480	1.4895	.00121	772.04
2	AD635935/L (1:5)	.28824	-.00016	.04288	.30348	.00056	153.82
3	AD635935/PS	1.3684	.99566	.20959	2.4133	.91362	763.62
4	AD635936	4.9770	.00412	.47017	1.8298	.00134	735.97
5	AD635937	14.762	.00921	.21998	.71943	.00160	789.78
6	AD635937/L (1:5)	3.6097	.00242	.04841	.15175	.00062	161.66
7	AD635937/PS	15.590	.98572	.21976	1.6584	.92034	791.89
8	AD635938/MS	14.706	.96117	.21659	1.5585	.86981	796.48
9	AD635939/SD	14.967	.97326	.21930	1.5700	.88289	H803.53
10	AD635940	.10228	.00202	.14296	1.4377	.00119	761.31
11	AD635941	2.5358	.00274	.22373	.71035	.00133	656.33
12	AD635942/EBLK	.09807	.00015	H.09457	H.00405	.00051	H.77191
13	AD635943/LCS	.08934	.97144	.08971	.93422	.90925	.75459
14	AD635944/PB	.02887	.00078	.00246	.00002	.00020	.04223
15	AD635959	-.00877	.00144	.03531	.87124	.00003	187.79
16	AD635960	.00146	.00142	.03470	.87662	.00018	197.48
17	AD635961	-.00981	.00153	.03674	.85110	.00002	195.63
18	AD635962	.06566	.00016	.05903	.88436	.00011	180.17
19	AD635963	.00828	.00044	.04340	.81602	.00010	219.09
20	AD635964	.01351	.00148	.04185	.75611	.00011	209.94
21	AD635965	.11649	.00056	.01849	.09394	-.00001	159.72
22	AD635966	.69267	.00371	.02986	.55511	.00017	177.02
23	AD635967	.00721	.00201	.04217	.75551	.00007	206.28
24	AD635968	.16851	.00202	.01357	.03217	-.00026	41.833
25	AD635968/L (1:5)	.01824	.00030	.00337	.00665	-.00016	8.6262
26	AD635968/PS	9.8978	.20577	.20847	.23330	.20328	51.381
27	AD635969/MS	10.150	.20366	.20640	.23317	.20475	52.128
28	AD635970/SD	10.051	.19859	.20367	.23242	.19831	51.983
29	AD635971	.94506	.00154	.34658	.14722	-.00015	118.47
30	AD635972	.15269	.00088	.05482	1.2606	-.00006	180.66
31	AD635973	.28919	.00135	.01950	.08637	-.00021	56.240
32	AD635974/FB	9.9078	.20361	.20213	.20126	.20538	9.8920
33	AD635975/PB	-.01306	.00043	.01372	.00004	-.00039	.06593
34	AD635976	.29780	.00092	.02005	.18224	.00029	188.54
35	AD635976/L (1:5)	.05019	.00208	.00380	.03688	.00003	38.173
36	AD635976/PS	10.159	.20133	.21309	.37753	.19970	191.42
37	AD635977/MS	10.353	.20044	.20994	.38043	.19837	198.05
38	AD635978/SD	10.768	.20648	.21885	.38698	.20047	201.16
39	AD635979	19.567	.01731	.07584	.26810	.00088	59.800
40	AD635980	3.0416	.00249	.06177	.16079	.00037	238.05
41	AD635981	.00968	-.00035	.00812	.00033	-.00019	.09682
42	AD635982	3.2764	.00070	.05984	.09449	.00002	202.37
43	AD635983	1.3490	.00122	.06072	.08298	.00013	200.46
44	AD635984	3.6033	.00111	.01424	.16138	.00014	178.34
45	AD635985	.46153	.00170	.03878	.03028	-.00003	44.795
46	AD635986	.01607	-.00110	.04596	.06936	.00000	74.374
47	AD635987	.25663	.24177	.47126	.24860	-.00020	23.497
48	AD635988	.11909	.01709	H58.188	.96107	.00038	416.19
49	AD635989	.00445	.00362	.12828	.02446	.00012	283.98
50	AD635990	.01110	.00163	.07330	.05246	.00009	250.89
51	AD635991	.19851	.00007	.08821	.06459	.00038	401.41
52	AD635992	.36183	.00231	.09629	.08846	-.00016	75.676
53	AD635993	.04572	.00058	.04004	.06801	-.00013	140.12

Analysis Report Averages 06/21/06 07:08:50 AM page 5

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
54	AD635994/FB	9.8106	.20178	.19191	.19571	.20250	9.9791
55	AD635995/PB	.00139	.00137	H.00572	.00007	-.00007	H.06112
56	AD636016	.05445	.00076	.21170	.09680	.00045	96.727
57	AD636016/L (1:5)	.03534	.00065	.04159	.01938	.00031	19.551
58	AD636016/PS	9.8529	.20111	.39580	.29300	.19442	104.14
59	AD636017/MS	10.294	.20316	.40094	.29556	.19481	106.76
60	AD636018/SD	10.210	.19874	.39803	.29291	.19345	105.22
61	AD636019	.06543	.00083	.02147	.01764	.00038	46.684
62	AD636020	.60834	.00246	.03481	.07089	.00031	39.247
63	AD636021	.27898	.00056	.03259	.05823	.00024	37.055
64	AD636022	.05642	.00367	1.4127	.53785	.00047	158.69
65	AD636023	.03752	.03061	.21069	.70132	.00031	26.277
66	AD636024	.04283	.01870	.27628	1.5528	.00040	153.01
67	AD636025	.05112	.00062	.01341	.38403	.00028	99.327
68	AD636026	.08476	.00130	.04886	.71366	.00042	112.06
69	AD636027	.04396	.00035	.00495	.00062	.00028	.13684
70	AD636028	5.6088	.00550	.00989	.13642	.00083	139.81
71	AD636029	2.0771	.00380	.01980	.17100	.00088	176.72
72	AD636030	.02347	-.00108	.27451	.06753	.00018	107.53
73	AD636031	.36106	.00102	.01773	.02619	.00006	69.401
74	AD636032	.02561	.00125	.11793	.09643	.00006	109.29
75	AD636033	.01077	.00183	.13825	.04329	.00011	207.02
76	AD636034/FB	9.9834	.19424	.19125	.19680	.19065	9.6414
77	AD636035/PB	.05193	-.00080	.00582	.00014	.00022	.06360
78	AD636036	.05742	.00963	.16105	.14511	.00012	77.648
79	AD636037	.18015	.02784	.37689	.10431	.00018	51.755
80	AD636038	.05165	.00165	.02500	.27804	.00027	124.77
81	AD636039	.13156	.00128	.01126	.06802	.00017	72.027
82	AD636040	.08547	.00138	.01171	.20153	.00010	35.535
83	AD636040/L (1:5)	.03041	.00055	.00309	.03784	.00009	6.7833
84	AD636040/PS	9.7257	.19826	.20353	.39387	.19695	44.333
85	AD636041/MS	10.122	.20225	.20311	.39971	.19835	44.626
86	AD636042/SD	10.075	.20261	.20087	.40145	.19763	44.775
87	AD636043	1.1668	.00262	.01561	.12973	.00022	52.665
88	AD636044	.28715	.00210	.05620	.23621	.00028	194.24
89	AD636045	.20174	.00589	.04016	.25798	.00032	200.67
90	AD636046	6.6927	.00959	.01745	.40396	.00041	46.360
91	AD636047	4.6568	.00473	.01690	.38130	.00038	46.602
92	AD636048	.36208	.01930	.02423	.54727	.00037	125.68
93	AD636049	1.1391	.00283	.02104	.17058	.00028	43.800
94	AD636050/FB	10.003	.19636	.19545	.19766	.19652	9.8867
95	AD636051/PB	.02870	-.00042	.00578	.00006	-.00005	.05759
96	AD636072	1.9062	.40038	.77433	.37535	.00068	98.202
97	AD636113	27.722	.00620	.54977	.22560	.00129	253.26
98	AD636114	.36505	.00909	.17676	.18991	.00059	60.969
99	AD636114/L (1:5)	.08835	.00296	.03690	.04018	.00036	12.901
100	AD636114/PS	.37708	.99976	.17742	1.1466	.97609	61.929
101	AD636115/MS	.38775	1.0211	.18259	1.1488	.94718	63.773
102	AD636116/SD	.38494	1.0117	.17988	1.1395	.93860	62.350
103	AD636117/EBLK	.08899	-.00137	H.05881	H.00382	.00049	H.64960
104	AD636118/LCS	.12465	.96342	.05957	.91141	.89074	.71512
105	AD636119/PB	.05707	.00030	.00694	.00012	.00026	.09529
106	CCB	.01763	.00164	.00070	.00001	.00008	.01967
107	CCB	.03690	.00139	.00155	.00006	.00013	.02632

Analysis Report Averages 06/21/06 07:08:50 AM page 6

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
108	CCB	.04317	.00091	.00088	.00020	.00029	.03600
109	CCB	.04688	.00119	.00156	.00017	.00037	.03022
110	CCB	.05305	.00246	.00177	.00017	.00044	.02841
111	CCB	.04183	-.00015	.00070	.00007	.00029	.00200
112	CCB	.03797	.00115	.00226	.00013	.00022	.00239
113	CCB	.02311	.00132	.00118	.00007	.00024	.00222
114	CCB	.03064	.00012	.00113	.00027	.00007	.04619
115	CCB	.02680	.00171	.00069	.00016	-.00009	.04795
116	CCB	-.03717	.00031	.00416	-.00004	-.00031	.00091
117	CCB	-.02394	.00006	.00124	.00004	-.00015	.00330
118	CCB	-.02199	.00135	.00163	.00009	-.00005	.00837
119	CCV	24.687	.48239	.46663	.48110	.49020	25.110
120	CCV	24.922	.48156	.47018	.48135	.48912	25.050
121	CCV	25.192	.48412	.47040	.48023	.48953	25.508
122	CCV	24.866	.48067	.46465	.47757	.48341	25.008
123	CCV	24.957	.47593	.46355	.48140	.47885	24.749
124	CCV	24.740	.47488	.47536	.47779	.47604	24.623
125	CCV	24.532	.47019	.47189	.47603	.47714	24.465
126	CCV	24.981	.48688	.48884	.48443	.49838	25.393
127	CCV	24.459	.47847	.47796	.48096	.49493	24.640
128	CCV	24.632	.48029	.48583	.48170	.49586	24.749
129	CCV	24.604	.48330	.47914	.48687	.50386	24.766
130	CCV	24.735	.49396	.48040	.48586	.50723	25.357
131	CCV	24.870	.49343	.47883	.48819	.50789	25.236
132	CRI	.19692	.01108	.05349	.00194	.00196	.52385
133	CRI	.19115	.01084	.05341	.00202	.00213	.52355
134	ICB	.00270	.00099	.00220	-.00002	.00004	.00209
135	ICB	-.00279	.00098	.00113	.00008	.00021	.00194
136	ICSA	500.08	.00177	.01452	-.00788	.00165	492.37
137	ICSA	500.90	.00381	.01380	-.00791	.00169	488.67
138	ICSAB	499.52	.10182	.00494	.49538	.47976	498.32
139	ICSAB	502.57	.10458	.00383	.49853	.48073	498.35
140	ICV	18.668	.36274	.36361	.36417	.37158	18.907
141	ICV	18.578	.35912	.36015	.35949	.36707	18.799
142	STD 1	4.34	.93883	.3925	.83591	1.47262	
143	STD 1	4.33893	.93012	.3893	.83253	1.43767	
144	STD 2	21.3658	4.84051	1.85007	4.1827	7.0209	
145	STD 2	21.0511	4.69256	1.80595	4.11832	6.78391	
146	STD 3	42.4467	9.5584	3.64681	8.25693	13.6417	40.8719
147	STD 3	41.8603	9.40842	3.56724	8.13496	13.346	40.1636
148	STD 3 VER	49.664	.99112	.99299	.98895	.98533	49.815
149	STD 3 VER	50.081	.98902	.99544	.98660	.98318	49.814
150	STD BLK	.1073	-.0318	.02524	.00192	.09231	.02869
151	STD BLK	.12629	-.02719	.0283	.00241	.09424	.0328

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
1	AD635935	.09896	.01483	.00152	.16225	1.0220	6.5662
2	AD635935/L (1:5)	.02059	.00278	.00001	.03103	.20516	1.0890
3	AD635935/PS	1.0639	.94862	.94029	1.1644	1.0006	6.6146
4	AD635936	.09994	.02170	.00882	.11518	6.1716	9.7171
5	AD635937	.00209	.01707	.01950	.15328	14.243	15.778
6	AD635937/L (1:5)	.00033	.00356	.00443	.03009	3.1029	2.8821

Analysis Report Averages 06/21/06 07:08:50 AM page 7

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
7	AD635937/PS	.94163	.93507	.94503	1.1493	14.296	16.281
8	AD635938/MS	.90183	.89588	.91120	1.1366	13.715	15.299
9	AD635939/SD	.91099	.90727	.92499	1.1545	13.949	15.498
10	AD635940	.05024	.05875	-.00021	.02835	.18078	7.2954
11	AD635941	.01807	.01232	.00530	.37074	3.4612	7.5072
12	AD635942/EBLK	-.00010	-.00015	.00127	.00204	.03814	H1.6838
13	AD635943/LCS	.97321	.93745	.94650	.99374	.03387	1.6356
14	AD635944/PB	-.00010	-.00037	-.00032	-.00009	.00839	.04465
15	AD635959	.00010	.00083	.00108	.00028	90.012	3.5267
16	AD635960	-.00006	.00092	.00061	.00040	91.595	3.5417
17	AD635961	.00013	.00086	.00063	-.00023	86.317	3.4501
18	AD635962	.00004	.00110	.00447	.00082	97.339	4.6551
19	AD635963	.00029	.00120	.00099	.00031	86.460	3.1897
20	AD635964	-.00005	.00076	.00080	-.00032	80.272	2.2028
21	AD635965	.00012	.00011	.00018	-.00016	19.489	14.990
22	AD635966	-.00029	.00129	.00130	.00020	84.571	3.6746
23	AD635967	.00017	.00068	.00026	-.00056	79.586	2.2313
24	AD635968	.00009	.00355	.00032	-.00001	44.583	1.6915
25	AD635968/L (1:5)	.00020	.00103	.00019	.00053	8.9758	.35692
26	AD635968/PS	.19617	.19993	.19965	.21381	53.669	12.267
27	AD635969/MS	.20126	.20184	.20296	.21546	54.464	12.459
28	AD635970/SD	.19266	.19576	.19646	.20968	54.158	12.409
29	AD635971	.00008	.00062	.00157	.00317	.92899	3.1502
30	AD635972	.00028	.00146	.00208	.00090	54.721	5.4730
31	AD635973	.00023	.00037	.00103	.00098	.21321	2.3825
32	AD635974/FB	.20102	.20008	.20420	.21517	10.015	10.426
33	AD635975/PB	.00021	.00053	.00006	.00066	.00415	-.01482
34	AD635976	.00012	.00040	.00278	.00078	.46639	2.3210
35	AD635976/L (1:5)	.00012	-.00001	.00028	-.00048	.10037	.40947
36	AD635976/PS	.19494	.19505	.19992	.21249	10.362	14.171
37	AD635977/MS	.19558	.19369	.20088	.21401	10.310	13.994
38	AD635978/SD	.19990	.19704	.20272	.21577	10.537	14.496
39	AD635979	-.00010	.01515	.02452	.02046	30.530	6.8832
40	AD635980	.00013	.00129	.00349	.00346	3.1324	3.9669
41	AD635981	.00005	.00000	-.00009	.00038	.00419	.00322
42	AD635982	.00007	.00135	.00480	.01001	2.9615	5.0619
43	AD635983	.00014	.00076	.00354	.00605	1.2680	4.3320
44	AD635984	.00012	.00150	.00454	.00828	3.4517	7.0327
45	AD635985	.00021	.00000	.00099	.00473	.41906	3.5133
46	AD635986	.00013	-.00015	.00080	.00090	.01652	4.0445
47	AD635987	.00061	.00181	.13636	.11781	2.1020	7.3933
48	AD635988	.00080	.01786	.01539	.03081	7.2415	496.58
49	AD635989	.00009	.00096	-.00015	.00112	4.7162	4.0951
50	AD635990	.00088	.00927	-.00005	.00091	1.2500	3.8105
51	AD635991	.00001	.00011	.00009	.00036	18.472	3.2284
52	AD635992	.00012	.00100	.00269	.00097	.38657	1.1499
53	AD635993	.00015	.00028	.00029	.00075	.13212	1.6079
54	AD635994/FB	.20402	.19982	.20395	.21215	10.092	10.214
55	AD635995/PB	.00013	.00025	-.00027	-.00004	.00812	.00808
56	AD636016	.00003	.00015	-.00057	.00005	4.4473	2.7976
57	AD636016/L (1:5)	.00004	.00000	-.00003	-.00085	.91059	.55018
58	AD636016/PS	.19917	.19415	.19772	.20401	14.499	13.694
59	AD636017/MS	.20343	.19534	.20092	.20813	14.617	13.846
60	AD636018/SD	.20128	.19412	.19883	.20573	14.447	13.708

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
61	AD636019	.00001	-.00001	.00159	.00043	.04045	2.7799
62	AD636020	-.00003	.00272	.00122	.00143	4.5447	13.005
63	AD636021	.00006	.00138	.00060	.00066	2.2277	12.008
64	AD636022	-.00014	.01499	.00056	-.00007	4.4536	6.9772
65	AD636023	-.00030	.01641	.00037	.00025	22.812	11.301
66	AD636024	.00000	.02302	.00072	.00039	7.3393	4.8177
67	AD636025	.00007	.00028	.00038	-.00037	.02845	1.8444
68	AD636026	.00009	.00051	.00006	-.00004	.00667	1.4825
69	AD636027	-.00006	.00035	.00683	.00028	.05142	.01039
70	AD636028	-.00126	.02747	.00282	.00060	182.29	.96618
71	AD636029	-.00142	.02003	.00174	.00080	223.86	.67196
72	AD636030	.00000	.00025	-.00040	-.00065	3.7142	2.3876
73	AD636031	-.00006	.00308	.00032	.00009	20.648	1.2391
74	AD636032	.00005	.00002	-.00030	.00016	3.7338	2.1916
75	AD636033	-.00001	.00039	.00021	.00009	1.8214	3.3127
76	AD636034/FB	.19943	.19300	.19711	.20411	9.8681	10.420
77	AD636035/PB	-.00002	-.00002	-.00013	-.00026	.01732	.03517
78	AD636036	-.00014	-.00005	-.00026	-.00009	5.4432	1.1929
79	AD636037	-.00010	.00004	.00014	.00043	.90468	1.1955
80	AD636038	-.00031	.00030	-.00064	-.00059	42.593	1.9233
81	AD636039	-.00016	.00043	.00001	.00004	6.4162	.37731
82	AD636040	-.00025	.00470	-.00038	-.00007	5.7248	1.0116
83	AD636040/L (1:5)	-.00008	.00115	-.00041	.00019	1.0806	.17951
84	AD636040/PS	.19718	.19960	.19689	.20810	15.622	11.457
85	AD636041/MS	.20133	.20152	.20090	.21203	15.883	11.607
86	AD636042/SD	.20236	.20200	.20015	.21260	15.937	11.712
87	AD636043	-.00016	.00228	.00083	.00159	9.6862	1.9359
88	AD636044	.00000	.00043	-.00032	-.00009	22.095	2.8059
89	AD636045	.00000	.00615	-.00028	.00066	29.710	3.3715
90	AD636046	-.00009	.00558	.00525	.00734	31.467	3.3500
91	AD636047	-.00026	.00420	.00387	.00533	29.114	2.8763
92	AD636048	-.00028	.00095	.00001	.00020	53.146	6.2163
93	AD636049	-.00012	.00071	.00103	.00239	26.613	6.0820
94	AD636050/FB	.20129	.19560	.19956	.20934	9.9472	10.350
95	AD636051/PB	-.00012	-.00004	-.00025	.00041	-.00144	.00437
96	AD636072	.00305	.01946	.14117	.13418	193.69	S392.15
97	AD636113	-.00001	.00903	.03339	.02049	17.782	19.622
98	AD636114	.00160	.00238	.00590	.01994	.40406	5.9940
99	AD636114/L (1:5)	.00043	.00025	.00138	.00474	.09608	1.0345
100	AD636114/PS	.99820	.97682	.98550	1.0338	.40597	6.0725
101	AD636115/MS	.98247	.96077	.97946	1.0551	.38851	6.3205
102	AD636116/SD	.96964	.95285	.97037	1.0517	.38773	6.1416
103	AD636117/EBLK	.00000	-.00006	.00072	.00169	H.10969	H2.3949
104	AD636118/LCS	.96284	.92060	.92439	.97800	.10775	2.4821
105	AD636119/PB	-.00012	-.00021	-.00026	.00007	.01825	.18457
106	CCB	.00009	.00004	-.00014	.00057	.00008	.00165
107	CCB	-.00001	-.00007	-.00015	.00025	.00230	.01357
108	CCB	.00001	.00029	-.00020	-.00023	.02982	.33635
109	CCB	.00003	.00000	-.00007	-.00004	.02453	.08538
110	CCB	.00016	.00011	.00013	-.00010	.01233	.05020
111	CCB	-.00006	.00011	.00003	-.00045	.00840	-.00797
112	CCB	.00002	.00041	-.00021	.00017	.01512	.01465
113	CCB	.00017	.00040	.00026	-.00023	.00866	.02333
114	CCB	.00039	.00023	.00023	-.00006	.02380	.00669

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
115	CCB	.00042	.00003	.00002	.00040	.01876	.02617
116	CCB	.00014	-.00013	-.00032	.00005	-.00024	-.00410
117	CCB	.00012	.00020	-.00022	-.00048	.00533	-.00861
118	CCB	.00035	.00025	-.00003	.00014	.00977	.02049
119	CCV	.48386	.48581	.48850	.50943	24.471	25.214
120	CCV	.48235	.48506	.48855	.51187	24.624	24.949
121	CCV	.48739	.48982	.49234	.50986	25.049	Q31.483
122	CCV	.48411	.48384	.48749	.50384	24.687	25.083
123	CCV	.48052	.48116	.48593	.50487	24.553	25.270
124	CCV	.48188	.48067	.48434	.50270	24.444	25.098
125	CCV	.47719	.47977	.48356	.50042	24.241	24.810
126	CCV	.49028	.49354	.49467	.51577	24.853	25.310
127	CCV	.47350	.48238	.48653	.50842	24.146	24.951
128	CCV	.47232	.48221	.48444	.51715	24.159	24.908
129	CCV	.47544	.48870	.49056	.51934	24.324	25.022
130	CCV	.48824	.49329	.49408	.52063	24.523	25.255
131	CCV	.48204	.49206	.49378	.52486	24.449	25.203
132	CRI	.00094	.00364	.00358	.01006	.04677	.51828
133	CRI	.00106	.00408	.00361	.00959	.05660	.52405
134	ICB	-.00001	.00017	-.00011	.00027	-.00481	-.00673
135	ICB	.00003	.00017	.00004	-.00046	.01101	.00902
136	ICSA	.00040	.00116	-.00152	.00071	188.67	-.00365
137	ICSA	-.00004	.00113	-.00182	-.00051	186.77	.00433
138	ICSAB	.92997	.47399	.47806	.52867	94.329	-.02416
139	ICSAB	.92784	.47211	.47624	.53017	94.071	.00061
140	ICV	.36416	.36694	.36923	.38635	18.497	19.038
141	ICV	.36248	.36365	.36500	.38269	18.356	18.956
142	STD 1	1.92079	.81096	.69883	.44317	.74213	
143	STD 1	1.88853	.80147	.69599	.44039	.73645	
144	STD 2	9.46224	4.07919	3.48485	2.24374	3.70738	
145	STD 2	9.29446	4.00328	3.42051	2.19276	3.64644	
146	STD 3	18.5145	8.00943	6.8232	4.45481	7.26854	155.046
147	STD 3	18.5856	7.97012	6.79767	4.34566	7.25493	153.013
148	STD 3 VER	.98260	.98813	.98804	.99133	49.260	49.749
149	STD 3 VER	.98757	.98904	.98718	.99809	49.542	49.767
150	STD BLK	.00352	-.00473	.00665	-.00176	-.00088	-.00832
151	STD BLK	.00057	-.00615	.00532	.00049	-.00099	-.01231

#	Sample Name	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
1	AD635935	13.512	2.3431	H1108.7	.15197	.75826	.74874
2	AD635935/L (1:5)	2.8455	.47719	294.54	.03137	.15492	.15372
3	AD635935/PS	13.339	3.2191	H1099.5	1.1833	1.7088	1.6849
4	AD635936	16.875	2.6760	H1118.2	.24603	1.7998	1.7716
5	AD635937	19.213	3.0114	H1061.4	.02860	.45090	.44677
6	AD635937/L (1:5)	4.2261	.63477	285.27	.00661	.09226	.09588
7	AD635937/PS	19.283	3.9149	H1062.6	1.0417	1.3803	1.3647
8	AD635938/MS	18.931	3.8767	H1069.5	.91690	1.3547	1.3335
9	AD635939/SD	19.164	3.9410	H1078.7	.92629	1.3706	1.3444
10	AD635940	14.082	4.7595	H1135.5	.18215	.12440	.12395
11	AD635941	24.104	1.8313	H1087.4	.02871	.17658	.17462
12	AD635942/EBLK	H.20726	H.00324	H836.00	.00183	.00227	.00276
13	AD635943/LCS	.20095	.93545	828.39	.95985	.95739	.94383

Analysis Report Averages 06/21/06 07:08:50 AM page 10

#	Sample Name	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
14	AD635944/PB	-.00189	.00003	.00997	-.00036	-.00044	.00343
15	AD635959	37.815	.41217	6.7164	-.00006	.00112	-.00136
16	AD635960	36.183	.46100	6.8438	.00002	.00376	.00171
17	AD635961	34.992	.38857	5.9466	.00007	.00017	.00057
18	AD635962	36.563	.23284	10.345	.00014	.00168	.00161
19	AD635963	33.257	.22054	11.134	.00060	.00398	.00431
20	AD635964	41.100	.20808	9.0901	.00009	.00377	.00300
21	AD635965	30.889	.73791	14.389	.00027	.00132	-.00020
22	AD635966	34.338	.45269	5.6193	.00245	.00149	.00130
23	AD635967	40.393	.20255	8.9173	.00059	.00325	.00164
24	AD635968	9.6097	1.1496	5.9200	.00038	.00184	.00053
25	AD635968/L (1:5)	2.0033	.23176	1.3611	-.00026	.00116	.00023
26	AD635968/PS	19.771	1.3273	16.144	.20234	.20154	.20224
27	AD635969/MS	19.745	1.3573	16.030	.20728	.20075	.20293
28	AD635970/SD	19.486	1.3552	15.988	.20051	.19630	.19614
29	AD635971	27.013	.04992	12.446	.00125	-.00159	.00120
30	AD635972	52.648	.28759	14.711	.00019	.00111	.00029
31	AD635973	91.252	.03773	17.707	.00075	.00093	-.00152
32	AD635974/FB	10.112	.19970	10.170	.20868	.20340	.20298
33	AD635975/PB	.00416	.00006	.05516	-.00016	-.00089	.00094
34	AD635976	23.943	.02578	373.48	.00083	-.00006	-.00105
35	AD635976/L (1:5)	4.9003	.00518	79.537	-.00002	-.00038	.00126
36	AD635976/PS	33.208	.22172	374.88	.19955	.19473	.19748
37	AD635977/MS	33.815	.22184	385.77	.20180	.19528	.19644
38	AD635978/SD	34.332	.22460	386.40	.20556	.20032	.19887
39	AD635979	18.185	.55555	11.638	.03567	.01189	.01334
40	AD635980	37.795	.09821	H475.01	.00279	.00190	.00208
41	AD635981	.00326	.00002	.02653	-.00025	-.00137	.00053
42	AD635982	125.48	.05181	8.4194	.00591	.00023	.00182
43	AD635983	124.40	.01868	8.5444	.00441	.00134	-.00020
44	AD635984	91.667	.10270	8.8926	.00652	.00034	.00116
45	AD635985	13.239	.01132	2.5875	.00192	.00031	-.00002
46	AD635986	52.945	.00080	4.7944	.00033	.00100	-.00188
47	AD635987	9.2209	.05115	221.74	.05101	.00396	.00486
48	AD635988	240.40	4.2902	H1291.0	.07784	-.00095	-.00025
49	AD635989	97.082	.80357	8.1576	.00199	.00153	-.00129
50	AD635990	84.818	.09049	13.690	.01296	.00092	-.00024
51	AD635991	152.28	.39365	9.4890	.00136	-.00060	.00077
52	AD635992	44.462	.16295	10.634	.00705	.00071	.00010
53	AD635993	59.231	.02262	7.9836	.00110	-.00090	.00058
54	AD635994/FB	10.102	.19845	10.003	.20824	.20239	.20111
55	AD635995/PB	.00246	-.00003	.06549	-.00017	.00001	-.00002
56	AD636016	41.253	.13068	97.899	.00009	.00011	.00165
57	AD636016/L (1:5)	8.3080	.02635	19.184	-.00038	.00061	.00058
58	AD636016/PS	50.131	.32343	104.68	.19703	.19588	.19195
59	AD636017/MS	50.974	.32725	107.02	.20273	.19560	.19192
60	AD636018/SD	50.350	.32369	105.61	.20098	.19471	.19140
61	AD636019	17.357	.00264	29.344	.00055	.00025	.00236
62	AD636020	16.049	.06154	38.786	.00090	.00223	.00521
63	AD636021	15.113	.03427	36.781	.00083	-.00039	.00148
64	AD636022	82.792	H13.702	243.45	.02997	-.00145	.00261
65	AD636023	15.403	3.5894	37.009	.00281	.00018	.00169
66	AD636024	63.125	10.188	69.063	.02335	.00102	.00192
67	AD636025	12.083	.00201	5.1206	.00054	-.00053	.00117

#	Sample Name	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
68	AD636026	18.738	.76213	14.762	.00226	-.00104	.00191
69	AD636027	.00846	.00186	-.10602	.00463	-.00055	.00027
70	AD636028	29.165	4.3752	4.2083	.00457	.00107	.00341
71	AD636029	28.851	8.6254	6.3069	.00316	.00140	.00347
72	AD636030	48.744	.21574	87.032	.00011	-.00220	-.00040
73	AD636031	14.514	1.2303	19.345	.00125	-.00167	-.00094
74	AD636032	60.355	.12376	66.586	.00005	-.00025	.00004
75	AD636033	105.13	.02103	15.954	.00069	-.00172	.00061
76	AD636034/FB	9.6372	.19075	9.9142	.20015	.19307	.19117
77	AD636035/PB	.00180	.00010	.07229	.00024	-.00098	.00168
78	AD636036	20.996	.33324	77.406	.00011	-.00048	.00173
79	AD636037	26.617	.05656	141.36	.00033	-.00034	.00121
80	AD636038	27.123	.69254	34.556	-.00021	.00007	.00242
81	AD636039	12.098	1.4104	4.4304	.00000	.00063	.00107
82	AD636040	9.7097	.07655	41.372	.01783	-.00103	.00133
83	AD636040/L (1:5)	1.8495	.01436	7.6670	.00279	-.00095	.00187
84	AD636040/PS	19.488	.27068	50.508	.21834	.19464	.19737
85	AD636041/MS	19.363	.27647	52.277	.22417	.19805	.19785
86	AD636042/SD	19.278	.27663	52.326	.22359	.19862	.19662
87	AD636043	9.7510	1.0466	26.046	.00201	-.00066	.00248
88	AD636044	48.281	.42606	5.9927	.00049	-.00186	.00189
89	AD636045	43.848	.68627	6.8694	.00708	-.00063	.00196
90	AD636046	14.673	.27892	64.580	.00873	.00207	.00566
91	AD636047	14.522	.26659	66.157	.00689	.00169	.00493
92	AD636048	24.142	.24285	5.9064	.00094	-.00160	.00245
93	AD636049	10.873	1.4113	46.490	.00155	.00030	.00261
94	AD636050/FB	9.9195	.19485	10.051	.20725	.19859	.19582
95	AD636051/PB	.00300	-.00002	.03753	.00007	-.00110	-.00007
96	AD636072	9.3624	2.0428	H992.69	.06737	.16701	.16709
97	AD636113	89.354	.23207	28.820	.02337	.01649	.02285
98	AD636114	11.090	1.6492	H1036.0	.01251	.00587	.00545
99	AD636114/L (1:5)	2.4061	.34864	279.15	.00212	.00001	.00262
100	AD636114/PS	11.265	2.6314	H1046.3	1.0969	.99783	.98152
101	AD636115/MS	11.569	2.6549	H1070.1	.98643	.99058	.97339
102	AD636116/SD	11.349	2.6221	H1057.6	.97893	.97841	.96433
103	AD636117/EBLK	.14321	H.00530	H1078.8	.00240	.00339	.00610
104	AD636118/LCS	.15055	.91688	1093.7	.94732	.94780	.93061
105	AD636119/PB	.00161	.00007	-.00739	.00008	-.00162	.00138
106	CCB	.01886	.00000	-.01627	-.00012	.00047	.00144
107	CCB	.02525	.00005	-.02745	-.00033	-.00080	.00066
108	CCB	.02640	.00019	-.07619	-.00002	-.00230	.00254
109	CCB	.02812	.00010	-.00653	.00023	.00093	.00148
110	CCB	.02472	.00012	-.02259	-.00014	-.00142	.00093
111	CCB	.00052	-.00001	-.14515	-.00054	.00022	.00171
112	CCB	.00009	.00006	-.07076	.00011	-.00108	.00183
113	CCB	.00778	.00015	.02711	-.00018	.00213	-.00022
114	CCB	.03911	.00023	.03650	-.00017	.00200	.00011
115	CCB	.04447	.00025	.11993	.00052	.00000	-.00053
116	CCB	.00318	-.00001	.02880	-.00070	.00185	-.00066
117	CCB	.00853	.00004	-.06415	-.00044	-.00207	.00104
118	CCB	.00879	.00015	.12545	.00061	-.00060	.00000
119	CCV	24.770	.49825	24.587	.49430	.49183	.48573
120	CCV	24.868	.50012	24.800	.49569	.48908	.48672
121	CCV	25.132	.50543	26.277	.49835	.49438	.48945

Analysis Report Averages 06/21/06 07:08:50 AM page 12

#	Sample Name	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
122	CCV	24.744	.49621	24.517	.49122	.48492	.48167
123	CCV	24.457	.49394	24.540	.48915	.48478	.47590
124	CCV	24.292	.49344	24.407	.48547	.48303	.47587
125	CCV	24.189	.49063	24.206	.48195	.47927	.47191
126	CCV	25.239	.50652	25.089	.50195	.50210	.49931
127	CCV	24.771	.49657	24.717	.48821	.48770	.49136
128	CCV	24.979	.49994	24.894	.49246	.48721	.49411
129	CCV	25.062	.50420	24.742	.49717	.49357	.50481
130	CCV	25.576	.50604	24.840	.50535	.50224	.50442
131	CCV	25.556	.50820	25.166	.50403	.50300	.50371
132	CRI	.21610	.00305	1.0475	.00977	.00560	.00559
133	CRI	.21940	.00311	1.0725	.01027	.00583	.00496
134	ICB	.00049	.00001	.03062	-.00013	.00028	.00224
135	ICB	.00805	.00011	.09297	.00038	.00187	.00054
136	ICSA	465.46	-.00219	-.00491	-.00007	-.01856	.04805
137	ICSA	464.90	-.00240	.11359	.00070	-.02134	.04295
138	ICSAB	456.50	.48014	.12644	.90112	.01318	.07417
139	ICSAB	457.07	.47891	.14746	.89885	.01219	.07069
140	ICV	18.827	.37786	18.587	.37197	.37086	.36685
141	ICV	18.731	.37444	18.741	.37056	.36773	.36932
142	STD 1		.4064		.6078	.54573	2.90463
143	STD 1		.40383		.5995	.54097	2.82013
144	STD 2		2.0329		3.08404	2.60717	14.5799
145	STD 2		1.99318		2.99654	2.53985	13.9947
146	STD 3	19.7444	4.00362	2.33464	6.0488	5.09481	28.4071
147	STD 3	19.2571	3.96039	2.28946	5.94696	5.0423	27.5981
148	STD 3 VER	49.888	.98735	50.012	.98562	.98460	.97843
149	STD 3 VER	50.024	.99193	50.723	.98994	.98633	.98982
150	STD BLK	.00408	.00072	.00705	-.00849	.02829	-.05008
151	STD BLK	.00333	.00074	.00366	-.00965	.02256	.00337

#	Sample Name	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
1	AD635935	.75191	-.00017	.02400	.00108	-.00079	.03899
2	AD635935/L (1:5)	.15412	-.00193	.00451	-.00034	-.00272	.00801
3	AD635935/PS	1.6929	1.0347	1.0110	1.0382	1.0330	.04639
4	AD635936	1.7810	.00183	.05686	-.00303	.00427	.14661
5	AD635937	.44815	.00009	.00471	-.00182	.00106	.29794
6	AD635937/L (1:5)	.09468	-.00479	.00392	-.00728	-.00355	.10316
7	AD635937/PS	1.3698	1.0030	.92168	1.0163	.99638	.33614
8	AD635938/MS	1.3405	.96869	.75426	.97647	.96481	.27074
9	AD635939/SD	1.3531	.98220	.76373	.99139	.97762	.29538
10	AD635940	.12410	.00247	.01184	-.00083	.00412	.00135
11	AD635941	.17527	-.00010	.01163	.00496	-.00264	.07075
12	AD635942/EBLK	.00260	-.00101	.00209	-.00637	.00167	.00085
13	AD635943/LCS	.94835	.99157	.97263	.98674	.99400	.00048
14	AD635944/PB	.00213	-.00307	.00575	-.00185	-.00368	-.00012
15	AD635959	-.00053	.00333	.00287	.00213	.00393	.00062
16	AD635960	.00239	.00400	.00228	.00410	.00395	.00068
17	AD635961	.00044	.00381	-.00092	.00515	.00314	.00048
18	AD635962	.00163	.00250	.00109	.00027	.00361	.00356
19	AD635963	.00420	.00298	.00221	.00394	.00250	.00123
20	AD635964	.00326	.00133	.00226	.00077	.00162	.00093

#	Sample Name	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
21	AD635965	.00030	.00152	-.00159	.00456	.00000	.00166
22	AD635966	.00136	.00186	.00019	.00422	.00068	.02539
23	AD635967	.00218	.00404	-.00278	.00302	.00456	.00039
24	AD635968	.00097	.00381	.00016	.00502	.00321	.00731
25	AD635968/L (1:5)	.00054	.00014	.00244	.00120	-.00037	.00199
26	AD635968/PS	.20201	.20157	.19564	.19824	.20325	.20966
27	AD635969/MS	.20221	.20094	.19930	.19686	.20298	.20959
28	AD635970/SD	.19619	.19614	.19281	.19389	.19727	.20364
29	AD635971	.00027	.00435	-.00022	.00445	.00429	.03410
30	AD635972	.00056	.00419	-.00070	.00453	.00402	.00747
31	AD635973	-.00070	.00323	.00209	.00431	.00269	.01120
32	AD635974/FB	.20312	.19661	.19714	.19568	.19708	.19929
33	AD635975/PB	.00032	.00351	-.00170	.00487	.00284	.00018
34	AD635976	-.00072	.00243	.00240	.00601	.00064	.00625
35	AD635976/L (1:5)	.00071	.00417	.00085	.00594	.00329	.00087
36	AD635976/PS	.19657	.19998	.19745	.19969	.20013	.20492
37	AD635977/MS	.19605	.19825	.20178	.20275	.19600	.20393
38	AD635978/SD	.19935	.20653	.20039	.20597	.20682	.20792
39	AD635979	.01285	.00271	.00042	.00363	.00225	.23350
40	AD635980	.00202	.00246	-.00052	.00243	.00247	.06920
41	AD635981	-.00010	.00177	.00182	.00206	.00163	.00010
42	AD635982	.00129	.00394	-.00031	.00678	.00252	.14951
43	AD635983	.00031	.00501	.00109	.00575	.00464	.06020
44	AD635984	.00089	.00224	.00416	-.00192	.00433	.14609
45	AD635985	.00008	.00389	.00185	.00649	.00259	.01753
46	AD635986	-.00092	.00341	.00359	.00359	.00332	.00108
47	AD635987	.00456	.00275	.01682	.00346	.00239	.01147
48	AD635988	-.00048	.00488	.01418	.00945	.00260	.00677
49	AD635989	-.00034	.00349	.00027	.00286	.00380	.00035
50	AD635990	.00014	.00589	.00486	.00770	.00499	.00058
51	AD635991	.00031	.00271	.00093	.00178	.00317	.00658
52	AD635992	.00030	.00175	.00054	.00157	.00183	.00646
53	AD635993	.00008	.00165	.00048	.00043	.00225	.00225
54	AD635994/FB	.20154	.20226	.19817	.20245	.20217	.19988
55	AD635995/PB	-.00001	.00492	.00117	.00830	.00324	-.00003
56	AD636016	.00114	-.00670	-.00215	-.00690	-.00660	.00027
57	AD636016/L (1:5)	.00059	-.00060	.00078	-.00144	-.00018	-.00030
58	AD636016/PS	.19326	.20642	.20493	.20203	.20862	.19835
59	AD636017/MS	.19315	.20027	.20794	.20397	.19842	.19944
60	AD636018/SD	.19250	.19710	.20679	.19674	.19729	.19734
61	AD636019	.00166	-.00233	.00293	-.00190	-.00254	.00071
62	AD636020	.00422	-.00436	-.00033	-.00365	-.00471	.01987
63	AD636021	.00085	-.00243	.00159	-.00201	-.00264	.01138
64	AD636022	.00126	.00167	.00353	-.00315	.00409	.00089
65	AD636023	.00118	-.00093	-.00132	-.00041	-.00118	-.00004
66	AD636024	.00162	-.00110	.00103	-.00298	-.00015	-.00003
67	AD636025	.00060	-.00228	.00167	-.00522	-.00080	.00044
68	AD636026	.00093	-.00112	-.00014	-.00153	-.00092	-.00026
69	AD636027	.00000	-.00315	-.00079	-.00170	-.00387	.00005
70	AD636028	.00263	-.00742	.00048	-.00591	-.00818	.21995
71	AD636029	.00278	-.00392	-.00027	-.00316	-.00430	.08273
72	AD636030	-.00100	.00353	.00196	.00559	.00250	.00082
73	AD636031	-.00119	.00336	.00062	.00514	.00247	.01523
74	AD636032	-.00005	.00357	-.00012	.00324	.00374	.00051

#	Sample Name	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
75	AD636033	-.00016	.00319	.00101	.00341	.00309	.00049
76	AD636034/FB	.19180	.19311	.19752	.19274	.19330	.19355
77	AD636035/PB	.00079	-.00283	.00189	-.00404	-.00222	-.00014
78	AD636036	.00099	-.00664	.00061	-.00363	-.00815	.00122
79	AD636037	.00069	-.00419	.00060	-.00377	-.00440	.00601
80	AD636038	.00164	-.00609	.00201	-.00613	-.00607	.00078
81	AD636039	.00092	-.00513	-.00067	-.00780	-.00379	.00415
82	AD636040	.00054	-.00178	-.00123	-.00196	-.00169	.00139
83	AD636040/L (1:5)	.00093	-.00610	.00066	-.00602	-.00614	.00013
84	AD636040/PS	.19646	.19891	.19130	.19768	.19953	.19872
85	AD636041/MS	.19792	.20107	.20274	.20241	.20041	.19876
86	AD636042/SD	.19728	.19920	.19992	.19586	.20087	.20048
87	AD636043	.00143	.00076	-.00045	.00124	.00052	.03793
88	AD636044	.00064	-.00309	-.00078	-.00157	-.00385	.01458
89	AD636045	.00110	-.00605	-.00128	-.00801	-.00507	.00728
90	AD636046	.00447	-.00145	.00167	-.00364	-.00035	.19193
91	AD636047	.00385	-.00236	-.00042	-.00156	-.00276	.12191
92	AD636048	.00110	-.00322	-.00235	-.00405	-.00280	.01532
93	AD636049	.00184	-.00301	.00039	-.00528	-.00188	.04023
94	AD636050/FB	.19674	.19924	.19910	.20112	.19831	.19729
95	AD636051/PB	-.00041	-.00482	-.00024	-.00693	-.00377	.00012
96	AD636072	.16706	.13287	.00922	.15528	.12167	.06943
97	AD636113	.02073	-.00284	-.00090	-.00421	-.00216	1.1388
98	AD636114	.00559	.00343	.00373	.00167	.00431	.00350
99	AD636114/L (1:5)	.00175	-.00131	.00156	-.00193	-.00100	.00055
100	AD636114/PS	.98695	1.0272	.96296	1.0334	1.0241	.00310
101	AD636115/MS	.97912	1.0284	1.0150	1.0338	1.0257	.00366
102	AD636116/SD	.96902	1.0184	1.0053	1.0206	1.0173	.00332
103	AD636117/EBLK	H.00520	.00246	.00304	.00034	.00352	.00046
104	AD636118/LCS	.93634	.98736	.96135	.99262	.98472	.00035
105	AD636119/PB	.00038	-.00194	.00111	.00250	-.00417	.00020
106	CCB	.00112	-.00414	-.00110	-.00448	-.00397	-.00021
107	CCB	.00017	-.00457	.00200	-.00114	-.00628	.00000
108	CCB	.00093	-.00338	.00032	-.00879	-.00067	.00034
109	CCB	.00130	-.00138	.00622	-.00158	-.00128	.00011
110	CCB	.00014	-.00612	.00606	-.00608	-.00614	.00012
111	CCB	.00121	-.00345	.00274	-.00365	-.00335	-.00028
112	CCB	.00086	-.00042	.00252	-.00165	.00019	-.00023
113	CCB	.00055	.00304	-.00023	.00292	.00310	.00005
114	CCB	.00074	.00573	.00139	.00902	.00409	.00011
115	CCB	-.00035	.00499	.00235	.00611	.00443	.00033
116	CCB	.00017	.00414	.00312	.00573	.00335	.00000
117	CCB	.00000	.00537	-.00005	.00691	.00460	.00032
118	CCB	-.00020	.00595	.00238	.00390	.00698	.00068
119	CCV	.48776	.50099	.47693	.49684	.50307	.50088
120	CCV	.48751	.50130	.47936	.50225	.50083	.49946
121	CCV	.49109	.49920	.47984	.50140	.49811	.50047
122	CCV	.48275	.49342	.48051	.49768	.49130	.49682
123	CCV	.47885	.49979	.48467	.49670	.50135	.49742
124	CCV	.47825	.49182	.49389	.49616	.48966	.49523
125	CCV	.47436	.48926	.49076	.48974	.48903	.49090
126	CCV	.50024	.49427	.49133	.49491	.49396	.50854
127	CCV	.49015	.48627	.47445	.48258	.48812	.49482
128	CCV	.49181	.48318	.48145	.48257	.48349	.49940

#	Sample Name	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
129	CCV	.50107	.48939	.46880	.47812	.49503	.50130
130	CCV	.50369	.49957	.48119	.49380	.50247	.51013
131	CCV	.50347	.49200	.47645	.48887	.49358	.50888
132	CRI	.00559	.00918	.01833	.01153	.00800	.00513
133	CRI	.00525	.01527	.02018	.01709	.01436	.00517
134	ICB	.00159	-.00348	.00286	-.00640	-.00202	.00011
135	ICB	.00099	.00224	.00012	.00615	.00028	.00032
136	ICSA	.02586	-.00775	.00078	-.01547	-.00389	.00168
137	ICSA	.02154	.00048	.00075	.00391	-.00122	.00147
138	ICSAB	.05386	.04240	.60014	.04233	.04243	.00135
139	ICSAB	.05121	.05023	.59949	.05226	.04921	.00117
140	ICV	.36819	.37847	.36920	.37550	.37995	.37647
141	ICV	.36879	.36456	.36850	.36671	.36349	.37624
142	STD 1			.19686	.30342	.48241	1.26157
143	STD 1			.20317	.29284	.48886	1.24583
144	STD 2			.98898	1.69609	2.28992	6.35932
145	STD 2			.97909	1.69273	2.24538	6.18547
146	STD 3			1.95421	3.42956	4.45448	12.5428
147	STD 3			1.96856	3.38847	4.42586	12.2964
148	STD 3 VER	.98048	1.0079	1.0030	1.0050	1.0093	.98804
149	STD 3 VER	.98866	.98328	.99694	.98616	.98186	.99347
150	STD BLK			.00417	-.03452	.05737	-.00568
151	STD BLK			.00248	-.06566	.02862	-.00756

#	Sample Name	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
1	AD635935	-.00314	.00254	H20.301	.00000	.00052	-.00008
2	AD635935/L (1:5)	-.00058	.00117	4.2835	-.00152	.00079	.00080
3	AD635935/PS	1.0199	.97501	H20.681	.00037	1.0402	1.0062
4	AD635936	-.00322	.00771	H31.530	.01978	.00129	.00483
5	AD635937	-.00191	.02222	.36105	.00405	.00069	.00303
6	AD635937/L (1:5)	-.00100	.00564	.07756	-.00140	.00043	.00060
7	AD635937/PS	.99372	.98890	1.2547	.00476	1.0231	1.0014
8	AD635938/MS	.95754	.94826	1.1949	.00415	.99745	.90448
9	AD635939/SD	.97147	.96353	1.2139	.00532	1.0085	.92827
10	AD635940	-.00238	.00094	1.0358	-.00079	.00073	.01172
11	AD635941	-.00395	.00541	.59349	.00615	.00694	.00533
12	AD635942/EBLK	-.00530	.00082	H.01412	-.00293	.00109	.00110
13	AD635943/LCS	1.0011	.95785	.94024	-.00190	.98101	.94920
14	AD635944/PB	-.00205	.00035	.00161	-.00215	.00039	.00048
15	AD635959	.00672	-.00001	.00100	.00068	-.00071	.00265
16	AD635960	.00332	-.00012	.00096	.00001	-.00108	.00136
17	AD635961	.00453	-.00019	.00104	-.00142	-.00043	.00017
18	AD635962	.00445	.00051	.00126	.00029	-.00047	.00060
19	AD635963	.00415	.00018	.00163	-.00176	-.00044	.00053
20	AD635964	.00463	.00003	.00119	-.00044	-.00071	-.00010
21	AD635965	.00449	-.00019	.00437	-.00140	-.00085	.00114
22	AD635966	.00515	.00119	.00314	.00278	-.00033	.00133
23	AD635967	.00225	-.00030	.00106	-.00131	-.00069	-.00011
24	AD635968	.00434	.00127	.00256	-.00097	-.00095	.00122
25	AD635968/L (1:5)	.00755	.00032	.00043	.00056	-.00049	.00066
26	AD635968/PS	.19333	.19978	.19714	.20618	.05129	.20234
27	AD635969/MS	.19956	.20036	.19970	.21015	.05066	.20576

#	Sample Name	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
28	AD635970/SD	.19152	.19387	.19326	.20776	.05060	.20114
29	AD635971	.00385	.00196	.00560	-.00077	-.00079	.00256
30	AD635972	.00458	.00048	.00163	-.00206	-.00060	.00151
31	AD635973	.00507	.00071	.00338	-.00277	-.00072	.00286
32	AD635974/FB	.19632	.19989	.20087	.21176	.05073	.20672
33	AD635975/PB	.00420	.00034	.00114	.00098	-.00066	.00199
34	AD635976	.00311	.00099	.00384	-.00137	-.00001	.00117
35	AD635976/L (1:5)	.00307	.00025	.00027	.00083	-.00060	-.00015
36	AD635976/PS	.19788	.19935	.19613	.20627	.05214	.20130
37	AD635977/MS	.19465	.19756	.19553	.20834	.05182	.20425
38	AD635978/SD	.20210	.20073	.20021	.21120	.05182	.20587
39	AD635979	.00487	.03191	.06853	-.00081	-.00021	.00837
40	AD635980	.00626	.00496	.01276	-.00113	.00006	.00076
41	AD635981	.00373	.00026	.00145	.00082	-.00011	.00113
42	AD635982	.00292	.00788	.01238	-.00148	-.00017	.00237
43	AD635983	.00520	.00400	.00784	-.00120	-.00032	.00102
44	AD635984	.00526	.00977	.01038	-.00166	-.00023	.00217
45	AD635985	.00301	.01538	.00643	.00000	-.00055	.00405
46	AD635986	.00343	.00079	.00164	-.00056	-.00035	.00289
47	AD635987	.00443	.00154	.18352	.00409	-.00004	.00490
48	AD635988	.00529	.00314	.06502	.00419	-.00080	.00558
49	AD635989	.00063	.00015	.00319	-.00364	-.00083	.00125
50	AD635990	.00599	.00168	.02868	-.00383	-.00060	.00692
51	AD635991	.00188	.00077	.00197	-.00510	-.00014	.00361
52	AD635992	.00667	.00069	.00399	-.00227	-.00027	.00924
53	AD635993	.00330	.00035	.00376	-.00227	-.00041	.00555
54	AD635994/FB	.19830	.19975	.19971	.20762	.05047	.20498
55	AD635995/PB	.00647	-.00019	.00088	-.00106	-.00062	-.00001
56	AD636016	-.00114	.00034	.00405	-.00397	.00144	.01022
57	AD636016/L (1:5)	-.00087	.00042	.00129	-.00262	.00097	.00261
58	AD636016/PS	.20634	.20121	.18889	.19974	.05041	.20908
59	AD636017/MS	.20821	.20242	.18961	.20462	.05135	.21134
60	AD636018/SD	.20751	.20018	.18741	.20301	.05149	.21078
61	AD636019	-.00122	.00080	.00331	-.00193	.00121	.00065
62	AD636020	-.00100	.00624	.00398	-.00165	.00077	.00102
63	AD636021	-.00266	.00391	.00328	.00036	.00076	.00122
64	AD636022	.00003	.00332	.00257	-.00094	.00001	.00024
65	AD636023	-.00003	.00093	.00259	-.00239	.00056	.00132
66	AD636024	-.00092	.00120	.00425	-.00165	.00013	.00104
67	AD636025	-.00094	.00125	.00309	-.00281	.00054	.00055
68	AD636026	-.00337	.00117	.00641	-.00142	.00061	.00032
69	AD636027	-.00379	.00062	.00574	-.00009	.00027	.00179
70	AD636028	-.00477	.01428	.02339	-.00262	.00055	.00391
71	AD636029	-.00555	.01300	.01259	-.00155	-.00013	.00417
72	AD636030	.00489	.00036	.00184	-.00312	-.00021	.00548
73	AD636031	.00152	.00160	.00401	-.00185	.00006	.00246
74	AD636032	.00584	.00018	.00266	-.00082	-.00002	.00439
75	AD636033	.00366	.00032	.00048	-.00189	.00018	.00126
76	AD636034/FB	.20575	.19606	.18645	.19865	.04962	.19613
77	AD636035/PB	-.00247	.00089	.00212	-.00091	.00119	.00028
78	AD636036	-.00368	.00058	.00192	-.00261	.00030	.00025
79	AD636037	-.00240	.00104	.00309	-.00315	.00037	.00098
80	AD636038	-.00103	.00052	.00135	-.00225	-.00012	.00142
81	AD636039	.00034	.00099	.00223	-.00007	.00026	.00013

#	Sample Name	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
82	AD636040	-.00092	.00030	.00655	-.00262	.00027	.00075
83	AD636040/L (1:5)	-.00308	.00041	.00230	-.00165	.00021	.00016
84	AD636040/PS	.20031	.19931	.19625	.19707	.05055	.19669
85	AD636041/MS	.20477	.20050	.19717	.20573	.05177	.19944
86	AD636042/SD	.20340	.19993	.19580	.20256	.05170	.19796
87	AD636043	.00008	.00312	.00591	-.00229	.00044	.00093
88	AD636044	-.00158	.00108	.00242	-.00154	.00043	-.00039
89	AD636045	-.00150	.00119	.00679	-.00113	.00051	.00327
90	AD636046	-.00438	.01163	.02779	-.00335	.00010	.00175
91	AD636047	-.00293	.00829	.01993	-.00187	.00073	.00082
92	AD636048	-.00007	.00155	.00255	-.00052	.00059	.00100
93	AD636049	-.00286	.00309	.00575	-.00092	.00061	.00103
94	AD636050/FB	.20167	.19840	.19402	.20347	.05071	.19887
95	AD636051/PB	-.00291	.00070	.00148	-.00219	.00031	.00037
96	AD636072	L-.01538	.01378	.66922	L-.01598	.00292	.04376
97	AD636113	-.00178	.05576	.07638	-.00372	.00933	.02584
98	AD636114	-.00247	.00211	.08442	-.00276	.00026	.00095
99	AD636114/L (1:5)	-.00327	.00089	.01834	-.00071	.00034	.00127
100	AD636114/PS	1.0464	1.0025	1.0723	-.00203	1.0226	1.0352
101	AD636115/MS	1.0268	.99198	1.0332	-.00149	1.0237	.97403
102	AD636116/SD	1.0200	.98891	1.0245	-.00348	1.0217	.97247
103	AD636117/EBLK	-.00107	.00072	H.01667	-.00240	.00067	.00413
104	AD636118/LCS	.97218	.93704	.93345	-.00242	.97883	.92625
105	AD636119/PB	-.00100	.00044	.00189	-.00216	.00093	.00009
106	CCB	-.00245	.00044	-.00011	-.00147	.00008	.00048
107	CCB	-.00358	.00035	.00008	-.00062	.00028	.00104
108	CCB	-.00245	.00061	.00046	-.00147	.00052	.00125
109	CCB	-.00307	.00089	.00056	-.00075	.00089	.00308
110	CCB	-.00223	.00062	.00047	-.00088	.00137	.00130
111	CCB	-.00091	.00035	.00067	-.00019	.00033	.00117
112	CCB	-.00116	.00090	.00018	-.00280	.00105	.00013
113	CCB	.00473	.00044	-.00041	.00258	.00018	.00198
114	CCB	.00371	-.00001	-.00032	.00065	-.00042	.00297
115	CCB	.00437	.00016	-.00022	.00099	-.00018	.00185
116	CCB	.00305	-.00001	-.00052	.00028	-.00121	.00232
117	CCB	.00235	-.00010	-.00014	.00212	-.00050	.00200
118	CCB	.00271	-.00019	-.00042	-.00039	-.00040	.00215
119	CCV	.50095	.49199	.48384	.50473	.49180	.48387
120	CCV	.50673	.49564	.48170	.50667	.49149	.48752
121	CCV	.50778	.49768	.48271	.50644	.49005	.48559
122	CCV	.51016	.49314	.47556	.49781	.48449	.48565
123	CCV	.51271	.49322	.46699	.49575	.48619	.48554
124	CCV	.50807	.49062	.47131	.50088	.48563	.48270
125	CCV	.49948	.48841	.47330	.50068	.48238	.48589
126	CCV	.49717	.49780	.49652	.51722	.49972	.49683
127	CCV	.47380	.48481	.48572	.50859	.49134	.49101
128	CCV	.47458	.48805	.48985	.51120	.49746	.49191
129	CCV	.47795	.49242	.49756	.51496	.49615	.49989
130	CCV	.48905	.49337	.50493	.52110	.50219	.50011
131	CCV	.47779	.49416	.50402	.52128	.50386	.50008
132	CRI	.01784	.00529	.02020	.00580	.00307	.01028
133	CRI	.02166	.00516	.01998	.00801	.00353	.01077
134	ICB	-.00108	.00035	.00017	-.00369	-.00016	.00154
135	ICB	.00490	.00027	.00019	-.00033	.00025	.00260

#	Sample Name	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
136	ICSA	-.00548	.00021	.00086	-.00046	.00050	-.00164
137	ICSA	-.00222	.00034	-.00046	.00151	.00028	.00319
138	ICSAB	.09819	.48962	.90004	.00217	.21162	-.00032
139	ICSAB	.10325	.48733	.90225	.00335	.21359	.00477
140	ICV	.37390	.37299	.36662	.38467	.37122	.37275
141	ICV	.37043	.36850	.36469	.38007	.37067	.36801
142	STD 1	.33352	.09079	.08627	.04871	.57507	.27474
143	STD 1	.33855	.09173	.0848	.04807	.567	.27589
144	STD 2	1.74444	.45837	.42424	.24207	3.0424	1.37084
145	STD 2	1.74383	.45331	.41287	.23775	2.95749	1.3517
146	STD 3	3.47103	.90618	.82755	.47504	6.08175	2.69104
147	STD 3	3.52989	.90212	.82266	.47529	5.9273	2.69956
148	STD 3 VER	1.0065	.99167	.97666	.99483	.99263	.98857
149	STD 3 VER	.99216	.99404	.98564	.99814	.99902	.99256
150	STD BLK	-.00994	-.00024	.00016	.00208	-.03774	.00176
151	STD BLK	-.03089	.00016	.00074	.00133	-.03471	.00024

Standardization Rpt. 06/20/06 02:41:50 PM page 1

Method: TRACE1 Standard: STD BLK
Run Time: 06/20/06 14:36:56

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	.10731	-.03180	.02525	.00192	.09232	.02869	.00353
SDev	.00146	.01070	.00288	.00023	.00018	.00074	.00363
%RSD	1.3590	33.655	11.420	11.981	.19719	2.5673	102.94
#1	.10627	-.03937	.02321	.00176	.09219	.02817	.00096
#2	.10834	-.02424	.02728	.00209	.09245	.02921	.00610

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	-.00473	.00665	-.00176	-.00088	-.00833	.00409	.00072
SDev	.00239	.00101	.00136	.00034	.00746	.00103	.00012
%RSD	50.509	15.140	77.000	38.752	89.630	25.148	15.908
#1	-.00304	.00736	-.00272	-.00064	-.01360	.00336	.00064
#2	-.00642	.00594	-.00080	-.00112	-.00305	.00481	.00080

Elem	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1	1960/2
Avge	.00705	-.00849	.02829	-.05008	.00417	-.03452	.05737
SDev	.00157	.00024	.00561	.00273	.00386	.01773	.00374
%RSD	22.307	2.8654	19.824	5.4600	92.581	51.344	6.5188
#1	.00816	-.00832	.02433	-.05202	.00144	-.04706	.06002
#2	.00594	-.00867	.03226	-.04815	.00690	-.02199	.05473

Elem	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Avge	-.00569	-.00995	-.00024	.00016	.00208	-.03774	.00176
SDev	.00146	.01249	.00034	.00000	.00068	.00049	.00294
%RSD	25.703	125.50	141.42	.19719	32.449	1.3041	167.21
#1	-.00672	-.00112	-.00048	.00016	.00256	-.03809	.00384
#2	-.00465	-.01878	.00000	.00016	.00160	-.03740	-.00032

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6239	--	--	--	--	--	--
SDev	12.30359	--	--	--	--	--	--
%RSD	.1971966	--	--	--	--	--	--
#1	6248	--	--	--	--	--	--
#2	6231	--	--	--	--	--	--

Standardization Rpt. 06/20/06 02:46:20 PM page 1

Method: TRACE1 Standard: STD 1
Run Time: 06/20/06 14:41:54

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	4.3400	.93884	.39251	.83592	1.4726	1.9208	.81097
SDev	.0323	.02654	.00225	.00701	.0113	.0137	.00918
%RSD	.74536	2.8275	.57261	.83810	.76864	.71434	1.1322
#1	4.3629	.95761	.39410	.84087	1.4806	1.9305	.81746
#2	4.3171	.92007	.39092	.83097	1.4646	1.9111	.80448

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Ni2316	2203/1	2203/2
Avge	.69883	.44317	.74214	.40641	.60781	.54574	2.9046
SDev	.00590	.00601	.00765	.00283	.00771	.00076	.0258
%RSD	.84372	1.3567	1.0313	.69600	1.2687	.13918	.88883
#1	.70300	.44743	.74755	.40841	.61326	.54627	2.9229
#2	.69467	.43892	.73673	.40441	.60235	.54520	2.8864

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Avge	.19687	.30343	.48242	1.2616	.33353	.09080	.08627
SDev	.00279	.02407	.03904	.0150	.00056	.00058	.00077
%RSD	1.4150	7.9331	8.0915	1.1916	.16902	.64113	.89276
#1	.19884	.32045	.51002	1.2722	.33313	.09121	.08682
#2	.19490	.28641	.45482	1.2509	.33393	.09039	.08573

Elem	Sn1899	Ag3280	Mo2020
Avge	.04871	.57507	.27474
SDev	.00032	.00365	.00439
%RSD	.65824	.63452	1.5996
#1	.04894	.57765	.27785
#2	.04848	.57249	.27164

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6190	--	--	--	--	--	--
SDev	55.26033	--	--	--	--	--	--
%RSD	.8927606	--	--	--	--	--	--
#1	6151	--	--	--	--	--	--
#2	6229	--	--	--	--	--	--

Standardization Rpt. 06/20/06 02:50:50 PM page 1

Method: TRACE1 Standard: STD 2
Run Time: 06/20/06 14:46:24

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	21.366	4.8405	1.8501	4.1827	7.0209	9.4622	4.0792
SDev	.208	.0554	.0146	.0411	.0631	.0788	.0328
%RSD	.97543	1.1447	.78664	.98308	.89865	.83252	.80520
#1	21.513	4.8797	1.8604	4.2118	7.0655	9.5179	4.1024
#2	21.218	4.8013	1.8398	4.1536	6.9763	9.4065	4.0560

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Ni2316	2203/1	2203/2
Avge	3.4849	2.2437	3.7074	2.0329	3.0840	2.6072	14.580
SDev	.0338	.0177	.0263	.0186	.0349	.0193	.061
%RSD	.96883	.78958	.70909	.91558	1.1320	.73894	.42020
#1	3.5087	2.2563	3.7260	2.0461	3.1087	2.6208	14.623
#2	3.4610	2.2312	3.6888	2.0197	3.0594	2.5936	14.537

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Avge	.98899	1.6961	2.2899	6.3593	1.7444	.45838	.42424
SDev	.00111	.0282	.0400	.0602	.0028	.00458	.00524
%RSD	.11168	1.6621	1.7481	.94593	.16137	.99991	1.2348
#1	.98977	1.7160	2.3182	6.4019	1.7464	.46162	.42795
#2	.98821	1.6762	2.2616	6.3168	1.7425	.45514	.42054

Elem	Sn1899	Ag3280	Mo2020
Avge	.24208	3.0424	1.3708
SDev	.00302	.0279	.0026
%RSD	1.2491	.91779	.19013
#1	.24421	3.0621	1.3690
#2	.23994	3.0227	1.3727

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6151	--	--	--	--	--	--
SDev	47.62371	--	--	--	--	--	--
%RSD	.7742088	--	--	--	--	--	--
#1	6118	--	--	--	--	--	--
#2	6185	--	--	--	--	--	--

Standardization Rpt. 06/20/06 02:55:48 PM page 1

Method: TRACE1 Standard: STD 3
Run Time: 06/20/06 14:50:54

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	42.447	9.5584	3.6468	8.2569	13.642	40.872	18.514
SDev	.137	.0518	.0026	.0082	.018	.057	.001
%RSD	.32159	.54238	.07111	.09883	.13255	.13882	.00770
#1	42.543	9.5951	3.6486	8.2627	13.654	40.912	18.516
#2	42.350	9.5217	3.6450	8.2512	13.629	40.832	18.513

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	8.0094	6.8232	4.4548	7.2685	155.05	19.744	4.0036
SDev	.0069	.0080	.0234	.0154	.72	.083	.0130
%RSD	.08574	.11739	.52480	.21167	.46723	.41889	.32510
#1	8.0143	6.8289	4.4713	7.2794	154.53	19.803	4.0128
#2	8.0046	6.8175	4.4383	7.2577	155.56	19.686	3.9944

Elem	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1	1960/2
Avge	2.3346	6.0488	5.0948	28.407	1.9542	3.4296	4.4545
SDev	.0126	.0097	.0186	.052	.0046	.0346	.0059
%RSD	.54025	.16097	.36494	.18306	.23470	1.0089	.13324
#1	2.3436	6.0557	5.0817	28.370	1.9575	3.4051	4.4587
#2	2.3257	6.0419	5.1080	28.444	1.9510	3.4540	4.4503

Elem	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Avge	12.543	3.4710	.90619	.82755	.47504	6.0818	2.6910
SDev	.022	.0211	.00363	.00278	.00395	.0233	.0052
%RSD	.17746	.60934	.40046	.33588	.83158	.38309	.19498
#1	12.559	3.4561	.90875	.82952	.47784	6.0982	2.6948
#2	12.527	3.4860	.90362	.82559	.47225	6.0653	2.6873

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6162	--	--	--	--	--	--
SDev	3.605968	--	--	--	--	--	--
%RSD	.0585237	--	--	--	--	--	--
#1	6159	--	--	--	--	--	--
#2	6164	--	--	--	--	--	--

Standardization Report 06/20/06 02:55:48 PM page 1

Method: TRACE1 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	1.17993	-.126557	06/20/06 02:50:54
As1890	189.042	Multiple	Standards	.103221	.003280	06/20/06 02:50:54
B_2496	249.678	Multiple	Standards	.277596	-.007014	06/20/06 02:50:54
Ba4934	493.409	Multiple	Standards	.120334	-.000234	06/20/06 02:50:54
Be3130	313.042	Multiple	Standards	.072866	-.006732	06/20/06 02:50:54
Ca3179	317.933	STD 3	STD BLK	1.06370	.000212	06/20/06 02:50:54
Cd2265	226.502	Multiple	Standards	.053187	-.000203	06/20/06 02:50:54
Co2286	228.616	Multiple	Standards	.123475	.000579	06/20/06 02:50:54
Cr2677	267.716	Multiple	Standards	.145050	-.000969	06/20/06 02:50:54
Cu3247	324.753	Multiple	Standards	.223392	.000396	06/20/06 02:50:54
Fe2714	271.441	Multiple	Standards	6.79593	.005609	06/20/06 02:50:54
K_7664	766.491	STD 3	STD BLK	.868146	-.203105	06/20/06 02:50:54
Mg2790	279.078	STD 3	STD BLK	1.10385	-.001035	06/20/06 02:50:54
Mn2576	257.610	Multiple	Standards	.247086	-.000182	06/20/06 02:50:54
Na3302	330.232	STD 3	STD BLK	.926778	-.001926	06/20/06 02:50:54
Ni2316	231.604	Multiple	Standards	.162787	.001378	06/20/06 02:50:54
2203/1	220.351	Multiple	Standards	.200156	-.005671	06/20/06 02:50:54
2203/2	220.352	Multiple	Standards	.033932	.001685	06/20/06 02:50:54
PB2203	220.353	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
SE1960	196.026	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Sb2068	206.838	Multiple	Standards	.519014	-.002156	06/20/06 02:50:54
1960/1	196.021	Multiple	Standards	.291642	.010082	06/20/06 02:50:54
1960/2	196.022	Multiple	Standards	.225608	-.012922	06/20/06 02:50:54
Ti3372	337.280	Multiple	Standards	.079050	.000447	06/20/06 02:50:54
Tl1908	190.864	Multiple	Standards	.285947	.002854	06/20/06 02:50:54
V_2924	292.402	Multiple	Standards	1.09922	.000264	06/20/06 02:50:54
Zn2062	206.200	Multiple	Standards	1.18030	-.000206	06/20/06 02:50:54
Sn1899	189.989	Multiple	Standards	2.10675	-.004377	06/20/06 02:50:54
Ag3280	328.068	Multiple	Standards	.162966	.006152	06/20/06 02:50:54
Mo2020	202.030	Multiple	Standards	.367541	-.000651	06/20/06 02:50:54

Standardization Readback Report 06/20/06 02:55:48 PM page 1

Method: TRACE1

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	STD BLK	.000000	.000057	-.000057
		STD 1	5.00000	4.99435	.005653
		STD 2	25.0000	25.0836	-.083590
		STD 3	50.0000	49.9576	.042393

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.100188	-.000188
		STD 2	.500000	.502924	-.002924
		STD 3	1.00000	.989911	.010089

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	STD BLK	.000000	-.000006	.000006
		STD 1	.100000	.101945	-.001945
		STD 2	.500000	.506561	-.006561
		STD 3	1.00000	1.00533	-.005326

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.100355	-.000355
		STD 2	.500000	.503086	-.003086
		STD 3	1.00000	.993353	.006647

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	STD BLK	.000000	-.000005	.000005
		STD 1	.100000	.100573	-.000573
		STD 2	.500000	.504856	-.004856
		STD 3	1.00000	.987290	.012710

CorCoef: 0.99993

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Ca3179	317.933	STD BLK	.030729	.028690	.002039
		STD 3	43.4757	40.8719	2.60379

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	STD BLK	.000000	-.000015	.000015
		STD 1	.100000	.101959	-.001959
		STD 2	.500000	.503070	-.003070
		STD 3	1.00000	.984535	.015465

CorCoef: 0.99994

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	STD BLK	.000000	-.000006	.000006
		STD 1	.100000	.100713	-.000713
		STD 2	.500000	.504259	-.004259
		STD 3	1.00000	.989545	.010455

CorCoef: 0.99995

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	STD BLK	.000000	-.000004	.000004
		STD 1	.100000	.100397	-.000397
		STD 2	.500000	.504509	-.004509
		STD 3	1.00000	.988735	.011265

CorCoef: 0.99994

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	STD BLK	.000000	.000003	-.000003
		STD 1	.100000	.099398	.000602
		STD 2	.500000	.501631	-.001631
		STD 3	1.00000	.995564	.004436

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	STD BLK	.000000	-.000384	.000384
		STD 1	5.00000	5.04914	-.049137
		STD 2	25.0000	25.2007	-.200727
		STD 3	50.0000	49.4022	.597820

CorCoef: 0.99994

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	STD BLK	-.210334	-.008327	-.202007
		STD 3	134.399	155.046	-20.6465

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Mg2790	279.078	STD BLK	.003478	.004088	-.000610
		STD 3	21.7938	19.7444	2.04939

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	STD BLK	.000000	-.000004	.000004
		STD 1	.100000	.100235	-.000235
		STD 2	.500000	.502120	-.002120
		STD 3	1.00000	.989059	.010941

CorCoef: 0.99997

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	STD BLK	.004608	.007051	-.002443
		STD 3	2.16177	2.33464	-.172873

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	STD BLK	.000000	-.000005	.000005
		STD 1	.100000	.100321	-.000321
		STD 2	.500000	.503422	-.003422
		STD 3	1.00000	.986046	.013954

CorCoef: 0.99994

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	STD BLK	.000000	-.000008	.000008
		STD 1	.100000	.103561	-.003561
		STD 2	.500000	.516170	-.016170
		STD 3	1.00000	1.01409	-.014086

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	STD BLK	.000000	-.000015	.000015
		STD 1	.100000	.100244	-.000244
		STD 2	.500000	.496406	.003594
		STD 3	1.00000	.965588	.034412
CorCoef:	0.99989				

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
PB2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
SE1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	STD BLK	.000000	.000009	-.000009
		STD 1	.100000	.100021	-.000021
		STD 2	.500000	.511142	-.011142
		STD 3	1.00000	1.01211	-.012110
CorCoef:	0.99998				

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	STD BLK	.000000	.000014	-.000014
		STD 1	.100000	.098574	.001426
		STD 2	.500000	.504736	-.004736
		STD 3	1.00000	1.01029	-.010288
CorCoef:	1.00000				

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	STD BLK	.000000	.000022	-.000022
		STD 1	.100000	.095915	.004085
		STD 2	.500000	.503704	-.003704
		STD 3	1.00000	.992047	.007953
CorCoef:	0.99995				

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3372	337.280	STD BLK	.000000	-.000002	.000002
		STD 1	.100000	.100175	-.000175
		STD 2	.500000	.503151	-.003151
		STD 3	1.00000	.991953	.008047
CorCoef:	0.99997				

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	STD BLK	.000000	.000009	-.000009
		STD 1	.100000	.098226	.001774
		STD 2	.500000	.501673	-.001673
		STD 3	1.00000	.995387	.004613
CorCoef:	0.99999				

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	STD BLK	.000000	.000000	-.000000
		STD 1	.100000	.100070	-.000070
		STD 2	.500000	.504123	-.004123
		STD 3	1.00000	.996362	.003638

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	STD BLK	.000000	-.000017	.000017
		STD 1	.100000	.101623	-.001623
		STD 2	.500000	.500526	-.000526
		STD 3	1.00000	.976555	.023445

CorCoef: 0.99992

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	STD BLK	.000000	.000011	-.000011
		STD 1	.100000	.098244	.001756
		STD 2	.500000	.505616	-.005616
		STD 3	1.00000	.996423	.003577

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	STD BLK	.000000	.000001	-.000001
		STD 1	.100000	.099869	.000131
		STD 2	.500000	.501959	-.001959
		STD 3	1.00000	.997268	.002732

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	STD BLK	.000000	-.000004	.000004
		STD 1	.100000	.100329	-.000329
		STD 2	.500000	.503190	-.003190
		STD 3	1.00000	.988418	.011582

CorCoef: 0.99995

Analysis Report Blank Sample 06/20/06 03:00:45 PM page 1

Method: TRACE1 Sample Name: STD 3 VER Operator: SW
Run Time: 06/20/06 14:55:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	49.664	.99113	.99300	.98895	.98534	49.815	.98261
SDev	.246	.00573	.00250	.00286	.00174	.101	.00032
%RSD	.49472	.57865	.25197	.28973	.17690	.20191	.03265
#1	49.838	.99518	.99477	.99098	.98657	49.886	.98238
#2	49.491	.98707	.99123	.98693	.98410	49.744	.98283
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98813	.98805	.99133	49.260	49.749	49.888	.98736
SDev	.00076	.00084	.00659	.085	.174	.209	.00315
%RSD	.07745	.08453	.66450	.17156	.35065	.41804	.31940
#1	.98867	.98864	.99599	49.319	49.626	50.036	.98959
#2	.98759	.98746	.98667	49.200	49.872	49.741	.98513
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.012	.98563	.98461	.97843	.98049	1.0079	1.0030
SDev	.236	.00105	.00188	.00333	.00160	.0013	.0036
%RSD	.47271	.10695	.19135	.34084	.16288	.12616	.36157
#1	50.179	.98637	.98594	.97607	.97936	1.0088	1.0005
#2	49.845	.98488	.98328	.98079	.98162	1.0070	1.0056
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0050	1.0093	.98805	1.0065	.99167	.97666	.99484
SDev	.0039	.0039	.00329	.0086	.00441	.00397	.00598
%RSD	.39182	.38405	.33288	.85297	.44525	.40633	.60112
#1	1.0023	1.0121	.99037	1.0005	.99480	.97947	.99907
#2	1.0078	1.0066	.98572	1.0126	.98855	.97385	.99061
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.99263	.98858
SDev	.00392	.00178
%RSD	.39502	.18026
#1	.99541	.98984
#2	.98986	.98732
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6194	--	--	--	--	--	--
SDev	7.212627	--	--	--	--	--	--
%RSD	.1164520	--	--	--	--	--	--
#1	6189	--	--	--	--	--	--
#2	6199	--	--	--	--	--	--

Analysis Report QC Standard 06/20/06 03:05:42 PM page 1

Method: TRACE1 Sample Name: ICV Operator: SW
Run Time: 06/20/06 15:00:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.668	.36275	.36362	.36418	.37159	18.907	.36417
SDev	.030	.00186	.00123	.00088	.00149	.058	.00156
%RSD	.16231	.51324	.33725	.24278	.40025	.30867	.42935
#1	18.689	.36407	.36449	.36480	.37264	18.866	.36306
#2	18.646	.36143	.36275	.36355	.37054	18.948	.36527
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	18.750	.37500	.37500	.37500	.37500	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36695	.36923	.38635	18.497	19.038	18.827	.37786
SDev	.00073	.00036	.00228	.111	.202	.032	.00338
%RSD	.19803	.09680	.59026	.59896	1.0589	.17105	.89441
#1	.36746	.36948	.38797	18.575	18.895	18.849	.38025
#2	.36643	.36898	.38474	18.418	19.180	18.804	.37547
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500	.37500	.37500	18.750	18.750	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.587	.37198	.37087	.36686	.36819	.37847	.36920
SDev	.090	.00044	.00143	.00011	.00041	.00159	.00206
%RSD	.48384	.11780	.38546	.02866	.11024	.41873	.55809
#1	18.651	.37229	.37188	.36678	.36848	.37959	.36774
#2	18.524	.37167	.36986	.36693	.36791	.37735	.37066
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	18.750	.37500			.37500	.37500	.37500
Range	5.0000	5.0000			5.0000	5.0000	5.0000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37551	.37996	.37647	.37390	.37299	.36662	.38467
SDev	.00087	.00194	.00108	.00219	.00227	.00319	.00911
%RSD	.23137	.51132	.28777	.58680	.60954	.87079	2.3683
#1	.37612	.38133	.37571	.37235	.37460	.36888	.39111
#2	.37489	.37858	.37724	.37545	.37138	.36436	.37823
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.37500	.37500	.37500	.37500	.37500
Range			5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.37122	.37276
SDev	.00073	.00481
%RSD	.19577	1.2905
#1	.37071	.37616
#2	.37174	.36936
Errors	QC Pass	QC Pass
Value	.37500	.37500
Range	5.0000	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6179	--	--	--	--	--	--
SDev	12.30359	--	--	--	--	--	--
%RSD	.1991114	--	--	--	--	--	--
#1	6188	--	--	--	--	--	--
#2	6171	--	--	--	--	--	--

Analysis Report Blank Sample 06/20/06 03:10:39 PM page 1

Method: TRACE1 Sample Name: ICB Operator: SW
Run Time: 06/20/06 15:05:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00270	.00099	.00220	-.00002	.00004	.00209	-.00001
SDev	.00101	.00095	.00002	.00003	.00001	.00192	.00024
%RSD	37.442	95.398	.97208	134.26	23.964	91.832	1838.4
#1	.00342	.00166	.00222	-.00000	.00005	.00345	.00016
#2	.00199	.00032	.00219	-.00004	.00003	.00073	-.00018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00017	-.00011	.00027	-.00481	-.00673	.00050	.00002
SDev	.00013	.00012	.00038	.00540	.01912	.00348	.00000
%RSD	75.556	102.89	141.21	112.29	283.89	701.85	4.1707
#1	.00008	-.00003	.00054	-.00099	.00678	.00296	.00002
#2	.00026	-.00020	.00000	-.00863	-.02025	-.00196	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03062	-.00013	.00028	.00224	.00159	-.00349	.00286
SDev	.14169	.00039	.00119	.00027	.00058	.00022	.00105
%RSD	462.71	295.75	426.06	11.965	36.262	6.4527	36.745
#1	.13082	.00014	-.00056	.00205	.00118	-.00365	.00212
#2	-.06957	-.00040	.00112	.00243	.00200	-.00333	.00361
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00640	-.00203	.00011	-.00109	.00035	.00017	-.00369
SDev	.00367	.00150	.00037	.00074	.00063	.00027	.00385
%RSD	57.297	73.867	334.40	68.145	177.11	154.66	104.17
#1	-.00900	-.00097	.00037	-.00056	.00080	.00037	-.00097
#2	-.00381	-.00309	-.00015	-.00161	-.00009	-.00002	-.00641
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00017	.00154
SDev	.00052	.00059
%RSD	313.09	38.433
#1	.00020	.00196
#2	-.00054	.00112
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6202	--	--	--	--	--	--
SDev	16.97056	--	--	--	--	--	--
%RSD	.2736150	--	--	--	--	--	--
#1	6190	--	--	--	--	--	--
#2	6214	--	--	--	--	--	--

Analysis Report Blank Sample 06/20/06 03:15:35 PM page 1

Method: TRACE1 Sample Name: CRI Operator: SW
Run Time: 06/20/06 15:10:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19693	.01108	.05349	.00195	.00197	.52386	.00094
SDev	.00191	.00030	.00082	.00009	.00002	.00017	.00006
%RSD	.96762	2.6850	1.5419	4.4414	.80929	.03172	6.6122
#1	.19558	.01129	.05291	.00201	.00196	.52374	.00098
#2	.19828	.01087	.05408	.00189	.00198	.52397	.00090
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.07500	.00300	.00300	.75000	.00150
Low	.10000	.00500	.02500	.00100	.00100	.25000	.00050

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00365	.00359	.01006	.04677	.51828	.21611	.00306
SDev	.00013	.00014	.00012	.00782	.00385	.00197	.00008
%RSD	3.6801	3.8784	1.2065	16.719	.74260	.91348	2.5363
#1	.00355	.00349	.01015	.05230	.52100	.21471	.00300
#2	.00374	.00369	.00998	.04124	.51556	.21751	.00311
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0475	.00977	.00561	.00560	.00560	.00918	.01834
SDev	.0986	.00037	.00250	.00201	.00051	.00078	.00158
%RSD	9.4125	3.7691	44.639	35.991	9.1058	8.4711	8.5993
#1	.97782	.01003	.00384	.00702	.00596	.00973	.01945
#2	1.1173	.00951	.00738	.00417	.00524	.00863	.01722
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.5000	.01500			.00750	.02250	.03000
Low	.50000	.00500			.00250	.00750	.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01153	.00801	.00514	.01784	.00530	.02020	.00580
SDev	.00006	.00120	.00001	.00097	.00038	.00044	.00002
%RSD	.55118	14.966	.16614	5.4569	7.2656	2.1980	.35347
#1	.01149	.00886	.00513	.01853	.00557	.02051	.00582
#2	.01158	.00716	.00514	.01715	.00503	.01989	.00579
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00750	.03000	.00750	.03000	.01500
Low			.00250	.01000	.00250	.01000	.00500

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00307	.01028
SDev	.00016	.00128
%RSD	5.2261	12.405
#1	.00319	.01119
#2	.00296	.00938
Errors	LC Pass	LC Pass
High	.00450	.01500
Low	.00150	.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6219	--	--	--	--	--	--
SDev	12.51593	--	--	--	--	--	--
%RSD	.2012676	--	--	--	--	--	--
#1	6210	--	--	--	--	--	--
#2	6227	--	--	--	--	--	--

Analysis Report QC Standard 06/20/06 03:20:31 PM page 1

Method: TRACE1 Sample Name: ICSA Operator: SW
Run Time: 06/20/06 15:15:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	500.08	.00177	.01452	-.00788	.00165	492.37	.00041
SDev	.79	.00042	.00099	.00007	.00001	.59	.00023
%RSD	.15859	23.642	6.8082	.92840	.85113	.11884	56.315
#1	499.52	.00148	.01522	-.00783	.00166	491.96	.00025
#2	500.64	.00207	.01383	-.00794	.00164	492.78	.00057
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value	500.00					500.00	
Range	100.00					100.00	

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00116	-.00153	.00071	188.67	-.00366	465.46	-.00220
SDev	.00002	.00028	.00035	.13	.03327	.52	.00005
%RSD	1.4862	18.027	48.804	.06792	910.23	.11266	2.3213
#1	.00118	-.00172	.00047	188.58	.01987	465.09	-.00216
#2	.00115	-.00133	.00096	188.76	-.02718	465.83	-.00223
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK	QC Pass	NOCHECK
Value				200.00		500.00	
Range				40.000		100.00	

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00492	-.00008	-.01857	.04805	.02587	-.00776	.00079
SDev	.20482	.00059	.00008	.00282	.00191	.00088	.00023
%RSD	4164.7	757.22	.41291	5.8665	7.3674	11.347	29.428
#1	-.14975	-.00049	-.01862	.04606	.02452	-.00713	.00095
#2	.13991	.00034	-.01851	.05005	.02722	-.00838	.00062
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01547	-.00390	.00168	-.00549	.00022	.00087	-.00046
SDev	.00788	.00262	.00036	.00347	.00038	.00040	.00441
%RSD	50.906	67.194	21.109	63.185	174.91	45.740	953.24
#1	-.00990	-.00575	.00194	-.00303	-.00005	.00115	.00265
#2	-.02104	-.00205	.00143	-.00794	.00049	.00059	-.00358
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00051	-.00165
SDev	.00031	.00155
%RSD	61.786	94.257
#1	.00073	-.00274
#2	.00029	-.00055
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5758	--	--	--	--	--	--
SDev	27.89515	--	--	--	--	--	--
%RSD	.4844486	--	--	--	--	--	--
#1	5738	--	--	--	--	--	--
#2	5778	--	--	--	--	--	--

Analysis Report QC Standard 06/20/06 03:25:27 PM page 1

Method: TRACE1 Sample Name: ICSAB Operator: SW
Run Time: 06/20/06 15:20:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	499.52	.10182	.00494	.49539	.47976	498.32	.92998
SDev	.63	.00108	.00049	.00015	.00056	1.46	.00087
%RSD	.12527	1.0554	9.9830	.03003	.11597	.29311	.09391
#1	499.08	.10258	.00459	.49549	.48015	497.29	.92936
#2	499.97	.10106	.00529	.49528	.47937	499.35	.93059
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47399	.47807	.52868	94.329	-.02417	456.50	.48014
SDev	.00006	.00003	.00112	.130	.01463	.65	.00049
%RSD	.01228	.00624	.21254	.13768	60.548	.14315	.10229
#1	.47403	.47805	.52947	94.421	-.03452	456.04	.48049
#2	.47395	.47809	.52788	94.237	-.01382	456.96	.47979
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12645	.90112	.01318	.07417	.05386	.04240	.60015
SDev	.01464	.00012	.00380	.00031	.00106	.00392	.00388
%RSD	11.574	.01306	28.854	.41483	1.9704	9.2463	.64632
#1	.11610	.90104	.01049	.07439	.05311	Q.03963	.59741
#2	.13680	.90120	.01587	.07395	.05461	.04517	.60289
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value		1.0000			.05000	.05000	.60000
Range		.20000			.01000	.01000	.12000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04234	.04243	.00135	.09820	.48962	.90004	.00217
SDev	.00686	.00245	.00022	.00331	.00006	.00148	.00026
%RSD	16.204	5.7756	16.455	3.3737	.01307	.16426	12.153
#1	.03748	.04070	.00119	.10054	.48967	.89900	.00198
#2	.04719	.04417	.00151	.09586	.48958	.90109	.00236
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK
Value				.10000	.50000	1.0000	
Range				.02000	.10000	.20000	

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.21162	-.00032
SDev	.00090	.00224
%RSD	.42601	690.88
#1	.21098	.00126
#2	.21226	-.00191
Errors	QC Pass	NOCHECK
Value	.20000	
Range	.04000	

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5817	--	--	--	--	--	--
SDev	8.697275	--	--	--	--	--	--
%RSD	.1495225	--	--	--	--	--	--
#1	5823	--	--	--	--	--	--
#2	5811	--	--	--	--	--	--

Analysis Report QC Standard 06/20/06 03:31:43 PM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 06/20/06 15:26:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.687	.48240	.46664	.48111	.49021	25.110	.48387
SDev	.033	.00173	.00084	.00024	.00105	.063	.00017
%RSD	.13481	.35914	.17965	.04958	.21420	.25283	.03479
#1	24.664	.48117	.46604	.48127	.48947	25.065	.48398
#2	24.711	.48362	.46723	.48094	.49095	25.155	.48375
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48581	.48850	.50943	24.471	25.214	24.770	.49826
SDev	.00084	.00086	.00034	.040	.119	.077	.00138
%RSD	.17363	.17656	.06736	.16483	.47242	.31236	.27693
#1	.48522	.48789	.50919	24.442	25.299	24.715	.49728
#2	.48641	.48911	.50967	24.500	25.130	24.824	.49923
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.587	.49430	.49183	.48573	.48776	.50100	.47693
SDev	.021	.00027	.00511	.00141	.00264	.00554	.00032
%RSD	.08617	.05519	1.0389	.28986	.54137	1.1069	.06671
#1	24.602	.49411	.48822	.48474	.48590	.50492	.47716
#2	24.572	.49449	.49545	.48673	.48963	.49707	.47671
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49684	.50308	.50088	.50096	.49199	.48385	.50473
SDev	.00558	.00553	.00006	.00489	.00115	.00212	.00552
%RSD	1.1220	1.0994	.01196	.97675	.23403	.43789	1.0928
#1	.50079	.50699	.50092	.50442	.49118	.48235	.50083
#2	.49290	.49917	.50084	.49750	.49281	.48535	.50863
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.49181	.48388
SDev	.00041	.00012
%RSD	.08394	.02455
#1	.49152	.48379
#2	.49210	.48396
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6173	--	--	--	--	--	--
SDev	9.227606	--	--	--	--	--	--
%RSD	.1494754	--	--	--	--	--	--
#1	6167	--	--	--	--	--	--
#2	6180	--	--	--	--	--	--

Analysis Report Blank Sample 06/20/06 03:47:57 PM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 06/20/06 15:43:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01763	.00165	.00071	.00002	.00009	.01968	.00010
SDev	.00664	.00120	.00161	.00006	.00001	.00041	.00010
%RSD	37.656	72.806	227.92	288.08	15.362	2.0695	109.60
#1	.02233	.00080	-.00043	-.00002	.00010	.01996	.00017
#2	.01294	.00249	.00184	.00006	.00008	.01939	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	-.00015	.00058	.00009	.00165	.01887	-.00000
SDev	.00001	.00006	.00005	.00001	.01551	.00163	.00003
%RSD	26.607	44.707	8.8156	13.655	938.93	8.6184	1454.5
#1	.00006	-.00019	.00054	.00008	.01262	.02002	-.00002
#2	.00004	-.00010	.00061	.00010	-.00932	.01772	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01627	-.00013	.00047	.00145	.00112	-.00415	-.00110
SDev	.03764	.00026	.00168	.00028	.00075	.00050	.00160
%RSD	231.29	204.50	355.72	19.227	66.528	12.067	145.38
#1	.01034	.00006	.00166	.00164	.00165	-.00379	-.00224
#2	-.04289	-.00031	-.00072	.00125	.00059	-.00450	.00003
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00449	-.00398	-.00022	-.00245	.00044	-.00011	-.00148
SDev	.00017	.00066	.00014	.00179	.00000	.00014	.00265
%RSD	3.8421	16.708	65.622	73.102	.05825	122.48	179.67
#1	-.00436	-.00351	-.00012	-.00119	.00044	-.00021	-.00335
#2	-.00461	-.00444	-.00032	-.00372	.00044	-.00001	.00040
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00009	.00048
SDev	.00075	.00026
%RSD	868.18	52.963
#1	.00062	.00066
#2	-.00045	.00030
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6166	--	--	--	--	--	--
SDev	11.98525	--	--	--	--	--	--
%RSD	.1943772	--	--	--	--	--	--
#1	6158	--	--	--	--	--	--
#2	6174	--	--	--	--	--	--

Analysis Report 06/20/06 03:52:54 PM page 1

Method: TRACE1 Sample Name: AD636051/PB Operator: SW
Run Time: 06/20/06 15:48:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02870	-.00043	.00579	.00006	-.00005	.05760	-.00013
SDev	.00007	.00130	.00069	.00004	.00001	.00004	.00010
%RSD	.25403	305.43	11.857	65.012	21.040	.06618	76.431
#1	.02875	-.00135	.00627	.00003	-.00006	.05757	-.00006
#2	.02865	.00049	.00530	.00009	-.00004	.05762	-.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00004	-.00025	.00041	-.00144	.00438	.00301	-.00002
SDev	.00018	.00026	.00033	.00535	.00869	.00156	.00000
%RSD	425.64	104.45	79.227	370.53	198.35	52.019	.89388
#1	-.00017	-.00044	.00018	-.00523	.01052	.00412	-.00002
#2	.00009	-.00007	.00065	.00234	-.00176	.00190	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03753	.00008	-.00110	-.00008	-.00042	-.00483	-.00025
SDev	.03206	.00033	.00052	.00087	.00041	.00234	.00258
%RSD	85.424	416.87	47.061	1125.8	97.967	48.399	1041.3
#1	.01486	-.00015	-.00073	-.00069	-.00071	-.00318	-.00207
#2	.06021	.00031	-.00147	.00054	-.00013	-.00648	.00157
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00693	-.00378	.00013	-.00292	.00070	.00149	-.00219
SDev	.00366	.00168	.00013	.00055	.00012	.00027	.00119
%RSD	52.805	44.356	106.30	18.746	17.648	17.826	54.328
#1	-.00434	-.00259	.00003	-.00330	.00062	.00168	-.00303
#2	-.00952	-.00496	.00022	-.00253	.00079	.00130	-.00135
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00031	.00038
SDev	.00002	.00095
%RSD	6.6413	254.12
#1	.00033	-.00030
#2	.00030	.00105
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6266	--	--	--	--	--	--
SDev	2.545654	--	--	--	--	--	--
%RSD	.0406297	--	--	--	--	--	--
#1	6267	--	--	--	--	--	--
#2	6264	--	--	--	--	--	--

Analysis Report 06/20/06 03:57:51 PM page 1

Method: TRACE1 Sample Name: AD636050/FB Operator: SW
Run Time: 06/20/06 15:52:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.003	.19636	.19546	.19766	.19652	9.8867	.20130
SDev	.005	.00157	.00238	.00041	.00011	.0054	.00000
%RSD	.05496	.79766	1.2200	.20765	.05492	.05463	.00139
#1	10.007	.19526	.19377	.19796	.19645	9.8906	.20129
#2	9.9988	.19747	.19714	.19737	.19660	9.8829	.20130
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19561	.19957	.20934	9.9472	10.350	9.9195	.19485
SDev	.00011	.00015	.00004	.0187	.051	.0002	.00050
%RSD	.05537	.07403	.01944	.18807	.49454	.00237	.25689
#1	.19553	.19946	.20937	9.9340	10.387	9.9193	.19450
#2	.19569	.19967	.20932	9.9605	10.314	9.9196	.19521
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.051	.20726	.19859	.19582	.19674	.19925	.19910
SDev	.052	.00145	.00182	.00208	.00078	.00166	.00155
%RSD	.51266	.70008	.91668	1.0635	.39788	.83072	.78014
#1	10.014	.20623	.19988	.19435	.19619	.19808	.19800
#2	10.087	.20828	.19731	.19729	.19730	.20042	.20020
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	11.500	.23000			.23000	.23000	.23000
Low	8.5000	.17000			.17000	.17000	.17000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20112	.19832	.19730	.20167	.19841	.19402	.20348
SDev	.00095	.00296	.00026	.00144	.00004	.00102	.00056
%RSD	.47138	1.4910	.13199	.71535	.02213	.52430	.27624
#1	.20179	.19623	.19748	.20269	.19844	.19330	.20308
#2	.20045	.20041	.19711	.20065	.19838	.19474	.20387
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.23000	.23000	.23000	.23000	.23000
Low			.17000	.17000	.17000	.17000	.17000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05071	.19888
SDev	.00068	.00162
%RSD	1.3483	.81683
#1	.05023	.19773
#2	.05120	.20003
Errors	LC Pass	NOCHECK
High	.05750	
Low	.04250	

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6233	--	--	--	--	--	--
SDev	2.545308	--	--	--	--	--	--
%RSD	.0408373	--	--	--	--	--	--
#1	6235	--	--	--	--	--	--
#2	6231	--	--	--	--	--	--

Analysis Report 06/20/06 04:02:47 PM page 1

Method: TRACE1 Sample Name: AD636113 Operator: SW
Run Time: 06/20/06 15:57:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	27.722	.00621	.54978	.22560	.00130	253.26	-.00001
SDev	.427	.00029	.00059	.00267	.00002	.27	.00007
%RSD	1.5405	4.6902	.10709	1.1833	1.4165	.10593	583.37
#1	28.024	.00600	.55019	.22749	.00131	253.07	-.00006
#2	27.420	.00641	.54936	.22371	.00129	253.45	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00903	.03340	.02050	17.782	19.622	89.354	.23207
SDev	.00007	.00012	.00008	.112	.154	.083	.00088
%RSD	.78018	.36505	.40927	.63121	.78528	.09251	.37722
#1	.00898	.03331	.02056	17.862	19.731	89.412	.23269
#2	.00908	.03348	.02044	17.703	19.513	89.295	.23145
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	28.820	.02338	.01650	.02285	.02074	-.00285	-.00091
SDev	.057	.00057	.00166	.00078	.00003	.00055	.00364
%RSD	.19867	2.4280	10.050	3.4242	.14494	19.460	401.76
#1	28.780	.02298	.01532	.02341	.02072	-.00246	-.00348
#2	28.861	.02378	.01767	.02230	.02076	-.00324	.00167
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00421	-.00217	1.1388	-.00179	.05576	.07639	-.00372
SDev	.00169	.00001	.0153	.00270	.00045	.00038	.00101
%RSD	40.099	.61407	1.3476	151.11	.80423	.50387	27.143
#1	-.00302	-.00218	1.1497	-.00370	.05608	.07666	-.00301
#2	-.00541	-.00216	1.1280	.00012	.05545	.07612	-.00444
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00934	.02585
SDev	.00007	.00063
%RSD	.75435	2.4420
#1	.00929	.02629
#2	.00939	.02540
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6145	--	--	--	--	--	--
SDev	8.803617	--	--	--	--	--	--
%RSD	.1432583	--	--	--	--	--	--
#1	6139	--	--	--	--	--	--
#2	6152	--	--	--	--	--	--

Analysis Report 06/20/06 04:07:43 PM page 1

Method: TRACE1 Sample Name: AD636036 Operator: SW
Run Time: 06/20/06 16:02:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05743	.00963	.16105	.14512	.00013	77.648	-.00014
SDev	.00296	.00097	.00170	.00017	.00002	.032	.00009
%RSD	5.1572	10.096	1.0585	.11935	15.642	.04164	59.959
#1	.05533	.00894	.16226	.14524	.00011	77.625	-.00021
#2	.05952	.01032	.15985	.14500	.00014	77.671	-.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00005	-.00026	-.00009	5.4432	1.1929	20.996	.33324
SDev	.00021	.00013	.00013	.0318	.0081	.043	.00190
%RSD	412.17	50.176	136.98	.58496	.68314	.20615	.57126
#1	-.00020	-.00036	-.00018	5.4657	1.1872	21.027	.33459
#2	.00010	-.00017	-.00000	5.4206	1.1987	20.965	.33189
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	77.406	.00012	-.00049	.00173	.00099	-.00664	.00062
SDev	.217	.00035	.00169	.00000	.00056	.00242	.00006
%RSD	.28064	295.11	348.38	.06571	56.871	36.417	10.052
#1	77.560	.00037	.00071	.00173	.00139	-.00493	.00066
#2	77.253	-.00013	-.00168	.00173	.00059	-.00835	.00057
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00363	-.00815	.00123	-.00369	.00058	.00192	-.00262
SDev	.00415	.00156	.00006	.00209	.00013	.00054	.00289
%RSD	114.22	19.082	4.4612	56.691	21.639	27.894	110.22
#1	-.00070	-.00705	.00126	-.00517	.00049	.00154	-.00058
#2	-.00656	-.00925	.00119	-.00221	.00067	.00230	-.00466
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00030	.00026
SDev	.00043	.00105
%RSD	143.34	408.98
#1	-.00000	-.00048
#2	.00061	.00100
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6198	--	--	--	--	--	--
SDev	4.454980	--	--	--	--	--	--
%RSD	.0718794	--	--	--	--	--	--
#1	6195	--	--	--	--	--	--
#2	6201	--	--	--	--	--	--

Analysis Report 06/20/06 04:12:39 PM page 1

Method: TRACE1 Sample Name: AD636037 Operator: SW
Run Time: 06/20/06 16:07:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18015	.02784	.37690	.10431	.00018	51.755	-.00010
SDev	.00139	.00243	.00078	.00020	.00000	.078	.00016
%RSD	.77418	8.7262	.20781	.19346	.32104	.15125	155.36
#1	.18114	.02956	.37745	.10445	.00018	51.811	.00001
#2	.17917	.02613	.37634	.10417	.00018	51.700	-.00022
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	.00014	.00044	.90469	1.1955	26.617	.05657
SDev	.00022	.00018	.00015	.00414	.0006	.043	.00016
%RSD	496.44	127.35	35.243	.45729	.04947	.16319	.28336
#1	-.00011	.00001	.00033	.90176	1.1960	26.648	.05668
#2	.00020	.00027	.00055	.90761	1.1951	26.586	.05646
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	141.36	.00034	-.00034	.00121	.00069	-.00420	.00060
SDev	.08	.00069	.00045	.00027	.00003	.00284	.00405
%RSD	.05666	204.68	130.91	22.303	4.3740	67.783	673.31
#1	141.42	-.00015	-.00003	.00102	.00067	-.00218	-.00226
#2	141.31	.00083	-.00066	.00140	.00071	-.00621	.00346
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00377	-.00441	.00601	-.00241	.00104	.00309	-.00316
SDev	.00087	.00383	.00198	.00277	.00013	.00001	.00315
%RSD	23.125	86.911	32.863	115.28	12.409	.23994	99.825
#1	-.00316	-.00170	.00462	-.00437	.00114	.00310	-.00538
#2	-.00439	-.00711	.00741	-.00044	.00095	.00309	-.00093
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00038	.00098
SDev	.00039	.00136
%RSD	102.87	138.13
#1	.00010	.00194
#2	.00065	.00002
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6153	--	--	--	--	--	--
SDev	14.31926	--	--	--	--	--	--
%RSD	.2327341	--	--	--	--	--	--
#1	6142	--	--	--	--	--	--
#2	6163	--	--	--	--	--	--

Analysis Report 06/20/06 04:17:35 PM page 1

Method: TRACE1 Sample Name: AD636038 Operator: SW
Run Time: 06/20/06 16:12:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05165	.00166	.02501	.27805	.00028	124.77	-.00032
SDev	.00082	.00067	.00047	.00021	.00000	.30	.00002
%RSD	1.5900	40.518	1.8860	.07418	.20312	.23917	7.7026
#1	.05107	.00118	.02534	.27790	.00028	124.56	-.00030
#2	.05223	.00213	.02468	.27819	.00028	124.98	-.00033
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00031	-.00065	-.00060	42.593	1.9233	27.123	.69255
SDev	.00027	.00031	.00020	.087	.0026	.065	.00122
%RSD	86.758	48.414	33.455	.20523	.13292	.23981	.17629
#1	.00050	-.00043	-.00046	42.531	1.9215	27.077	.69168
#2	.00012	-.00087	-.00074	42.655	1.9251	27.169	.69341
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	34.556	-.00022	.00008	.00243	.00164	-.00609	.00202
SDev	.207	.00000	.00096	.00030	.00052	.00161	.00201
%RSD	.59826	.26864	1254.1	12.465	31.812	26.504	99.780
#1	34.410	-.00022	.00076	.00264	.00201	-.00723	.00059
#2	34.702	-.00022	-.00061	.00221	.00127	-.00495	.00344
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00614	-.00607	.00079	-.00104	.00052	.00135	-.00225
SDev	.00053	.00216	.00001	.00264	.00025	.00000	.00336
%RSD	8.6298	35.537	1.1454	255.38	48.153	.26466	149.43
#1	-.00651	-.00760	.00079	-.00290	.00070	.00135	-.00463
#2	-.00576	-.00455	.00078	.00083	.00035	.00135	.00013
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00013	.00143
SDev	.00007	.00193
%RSD	58.370	134.89
#1	-.00018	.00279
#2	-.00007	.00007
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6203	--	--	--	--	--	--
SDev	.3179909	--	--	--	--	--	--
%RSD	.0051260	--	--	--	--	--	--
#1	6204	--	--	--	--	--	--
#2	6203	--	--	--	--	--	--

Analysis Report 06/20/06 04:22:31 PM page 1

Method: TRACE1 Sample Name: AD636039 Operator: SW
Run Time: 06/20/06 16:17:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13157	.00128	.01126	.06803	.00017	72.027	-.00016
SDev	.00088	.00022	.00005	.00013	.00002	.014	.00016
%RSD	.66669	17.453	.40329	.19396	11.264	.01964	100.68
#1	.13095	.00112	.01130	.06812	.00016	72.037	-.00005
#2	.13219	.00144	.01123	.06793	.00019	72.017	-.00028
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00043	.00001	.00005	6.4162	.37732	12.098	1.4104
SDev	.00008	.00000	.00036	.0163	.00006	.002	.0009
%RSD	19.436	5.9691	772.81	.25363	.01554	.01389	.06131
#1	.00037	.00001	.00030	6.4277	.37736	12.097	1.4110
#2	.00049	.00001	-.00021	6.4047	.37728	12.099	1.4098
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.4304	-.00000	.00063	.00108	.00093	-.00513	-.00067
SDev	.0094	.00028	.00065	.00078	.00074	.00048	.00194
%RSD	.21220	9580.8	103.88	72.418	79.539	9.2971	289.30
#1	4.4237	-.00020	.00017	.00052	.00041	-.00479	.00070
#2	4.4370	.00019	.00109	.00163	.00145	-.00547	-.00205
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00780	-.00380	.00415	.00035	.00100	.00224	-.00007
SDev	.00300	.00078	.00012	.00146	.00025	.00013	.00215
%RSD	38.453	20.651	2.9596	418.78	25.013	5.8906	2885.6
#1	-.00568	-.00435	.00407	-.00069	.00082	.00214	-.00159
#2	-.00992	-.00324	.00424	.00138	.00117	.00233	.00145
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00027	.00013
SDev	.00004	.00067
%RSD	15.534	501.07
#1	.00024	.00061
#2	.00030	-.00034
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6230	--	--	--	--	--	--
SDev	4.560632	--	--	--	--	--	--
%RSD	.0732076	--	--	--	--	--	--
#1	6227	--	--	--	--	--	--
#2	6233	--	--	--	--	--	--

Analysis Report 06/20/06 04:27:27 PM page 1

Method: TRACE1 Sample Name: AD636040 Operator: SW
Run Time: 06/20/06 16:22:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08548	.00138	.01171	.20153	.00011	35.535	-.00026
SDev	.00220	.00142	.00001	.00014	.00003	.031	.00007
%RSD	2.5731	102.85	.10353	.07104	25.692	.08655	25.776
#1	.08703	.00239	.01170	.20163	.00013	35.557	-.00021
#2	.08392	.00038	.01172	.20143	.00009	35.514	-.00030
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00470	-.00039	-.00007	5.7248	1.0116	9.7098	.07655
SDev	.00003	.00008	.00018	.0160	.0032	.0200	.00005
%RSD	.65292	21.709	236.54	.28034	.31900	.20591	.06169
#1	.00468	-.00033	.00005	5.7362	1.0138	9.7239	.07658
#2	.00472	-.00045	-.00020	5.7135	1.0093	9.6956	.07652
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	41.372	.01783	-.00103	.00133	.00055	-.00178	-.00124
SDev	.044	.00040	.00076	.00050	.00008	.00103	.00100
%RSD	.10588	2.2232	73.772	37.743	15.120	57.538	81.028
#1	41.403	.01755	-.00049	.00098	.00049	-.00251	-.00053
#2	41.341	.01811	-.00157	.00169	.00061	-.00106	-.00194
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00196	-.00169	.00140	-.00093	.00031	.00656	-.00263
SDev	.00539	.00116	.00016	.00260	.00000	.00042	.00047
%RSD	274.79	68.358	11.727	280.15	.00772	6.4106	17.973
#1	-.00577	-.00087	.00151	-.00277	.00031	.00685	-.00296
#2	.00185	-.00251	.00128	.00091	.00031	.00626	-.00229
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00027	.00075
SDev	.00028	.00055
%RSD	100.65	72.404
#1	.00008	.00114
#2	.00047	.00037
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6238	--	--	--	--	--	--
SDev	17.50089	--	--	--	--	--	--
%RSD	.2805541	--	--	--	--	--	--
#1	6226	--	--	--	--	--	--
#2	6250	--	--	--	--	--	--

Analysis Report 06/20/06 04:32:23 PM page 1

Method: TRACE1 Sample Name: AD636040/L (1:5) Operator: SW
Run Time: 06/20/06 16:27:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03042	.00055	.00309	.03785	.00009	6.7833	-.00008
SDev	.00374	.00056	.00038	.00240	.00004	.4612	.00008
%RSD	12.279	101.51	12.106	6.3402	43.106	6.7991	96.172
#1	.02777	.00016	.00336	.03615	.00006	6.4572	-.00014
#2	.03306	.00095	.00283	.03954	.00012	7.1094	-.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00115	-.00041	.00019	1.0806	.17951	1.8495	.01437
SDev	.00006	.00063	.00035	.0604	.00777	.1233	.00078
%RSD	5.0464	153.22	180.64	5.5922	4.3261	6.6652	5.4062
#1	.00120	.00003	.00044	1.0379	.17402	1.7623	.01382
#2	.00111	-.00085	-.00005	1.1233	.18501	1.9367	.01492
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.6670	.00279	-.00095	.00187	.00093	-.00610	.00067
SDev	.4400	.00014	.00028	.00004	.00006	.00086	.00295
%RSD	5.7386	5.1616	29.066	2.1854	6.9442	14.160	443.38
#1	7.3559	.00269	-.00115	.00190	.00089	-.00671	.00275
#2	7.9781	.00290	-.00076	.00184	.00098	-.00549	-.00142
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00602	-.00614	.00014	-.00309	.00042	.00231	-.00165
SDev	.00044	.00108	.00023	.00027	.00025	.00000	.00096
%RSD	7.3160	17.517	166.12	8.8625	60.514	.18460	58.279
#1	-.00634	-.00690	-.00002	-.00289	.00059	.00231	-.00097
#2	-.00571	-.00538	.00030	-.00328	.00024	.00230	-.00234
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00022	.00016
SDev	.00026	.00071
%RSD	118.61	438.39
#1	.00003	.00067
#2	.00040	-.00034
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6220	--	--	--	--	--	--
SDev	16.97056	--	--	--	--	--	--
%RSD	.2728562	--	--	--	--	--	--
#1	6208	--	--	--	--	--	--
#2	6232	--	--	--	--	--	--

Analysis Report 06/20/06 04:37:19 PM page 1

Method: TRACE1 Sample Name: AD636040/PS Operator: SW
Run Time: 06/20/06 16:32:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.7257	.19827	.20354	.39388	.19696	44.333	.19718
SDev	.0047	.00354	.00069	.00003	.00002	.086	.00001
%RSD	.04829	1.7852	.34127	.00800	.00783	.19452	.00236
#1	9.7224	.20077	.20305	.39390	.19697	44.272	.19718
#2	9.7291	.19577	.20403	.39385	.19695	44.394	.19718
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19960	.19690	.20811	15.622	11.457	19.488	.27068
SDev	.00069	.00043	.00071	.005	.059	.011	.00045
%RSD	.34818	.21997	.34040	.03276	.51797	.05745	.16637
#1	.19911	.19659	.20861	15.626	11.415	19.480	.27100
#2	.20009	.19720	.20760	15.619	11.499	19.496	.27036
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.508	.21834	.19464	.19738	.19647	.19892	.19131
SDev	.203	.00014	.00130	.00148	.00055	.00056	.00076
%RSD	.40249	.06559	.66978	.74758	.27998	.28251	.39825
#1	50.364	.21845	.19557	.19634	.19608	.19852	.19077
#2	50.651	.21824	.19372	.19842	.19686	.19932	.19185
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19768	.19954	.19873	.20032	.19931	.19625	.19708
SDev	.00444	.00306	.00014	.00041	.00025	.00015	.00203
%RSD	2.2472	1.5356	.07002	.20552	.12612	.07530	1.0309
#1	.20082	.19737	.19863	.20003	.19949	.19636	.19564
#2	.19454	.20171	.19883	.20061	.19913	.19615	.19851
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05055	.19670
SDev	.00025	.00092
%RSD	.49173	.46776
#1	.05038	.19735
#2	.05073	.19605
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6244	--	--	--	--	--	--
SDev	3.818308	--	--	--	--	--	--
%RSD	.0611467	--	--	--	--	--	--
#1	6247	--	--	--	--	--	--
#2	6242	--	--	--	--	--	--

Analysis Report QC Standard 06/20/06 04:43:35 PM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 06/20/06 16:38:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.922	.48156	.47019	.48135	.48913	25.050	.48235
SDev	.022	.00027	.00250	.00021	.00009	.001	.00097
%RSD	.08834	.05693	.53198	.04416	.01843	.00571	.20040
#1	24.937	.48137	.46842	.48150	.48919	25.049	.48304
#2	24.906	.48175	.47195	.48120	.48906	25.051	.48167
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48506	.48856	.51187	24.624	24.949	24.868	.50012
SDev	.00046	.00020	.00019	.018	.003	.020	.00043
%RSD	.09519	.04142	.03791	.07382	.01173	.08163	.08621
#1	.48539	.48841	.51201	24.637	24.951	24.882	.50043
#2	.48474	.48870	.51173	24.611	24.947	24.853	.49982
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.800	.49570	.48908	.48673	.48751	.50131	.47936
SDev	.056	.00020	.00220	.00398	.00193	.00304	.00244
%RSD	.22578	.04073	.44918	.81861	.39508	.60634	.50794
#1	24.760	.49584	.49064	.48391	.48615	.50346	.48109
#2	24.840	.49555	.48753	.48955	.48887	.49916	.47764
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50226	.50084	.49946	.50673	.49564	.48171	.50667
SDev	.00513	.00199	.00049	.00386	.00102	.00068	.00180
%RSD	1.0218	.39804	.09806	.76088	.20641	.14174	.35528
#1	.50589	.50225	.49981	.50400	.49492	.48219	.50795
#2	.49863	.49943	.49912	.50946	.49636	.48123	.50540
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.49149	.48752
SDev	.00006	.00085
%RSD	.01202	.17503
#1	.49145	.48692
#2	.49153	.48813
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6146	--	--	--	--	--	--
SDev	1.696987	--	--	--	--	--	--
%RSD	.0276128	--	--	--	--	--	--
#1	6147	--	--	--	--	--	--
#2	6144	--	--	--	--	--	--

Analysis Report Blank Sample 06/20/06 04:48:31 PM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 06/20/06 16:43:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03690	.00139	.00155	.00007	.00014	.02633	-.00002
SDev	.00254	.00071	.00029	.00004	.00006	.00026	.00012
%RSD	6.8895	50.959	18.717	61.338	39.313	.96702	664.58
#1	.03510	.00089	.00135	.00010	.00010	.02651	-.00010
#2	.03870	.00189	.00176	.00004	.00018	.02615	.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00007	-.00016	.00025	.00231	.01357	.02526	.00006
SDev	.00001	.00002	.00000	.00311	.00507	.00060	.00000
%RSD	18.862	10.828	.01923	134.86	37.392	2.3784	.42569
#1	-.00008	-.00017	.00025	.00011	.01716	.02568	.00006
#2	-.00006	-.00015	.00025	.00451	.00998	.02483	.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02745	-.00034	-.00081	.00067	.00018	-.00457	.00201
SDev	.06397	.00000	.00071	.00037	.00048	.00208	.00208
%RSD	233.03	.27924	87.745	55.767	275.16	45.385	103.70
#1	-.07269	-.00034	-.00031	.00093	.00052	-.00310	.00054
#2	.01778	-.00034	-.00131	.00040	-.00017	-.00604	.00348
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00114	-.00629	-.00000	-.00359	.00035	.00008	-.00062
SDev	.00525	.00049	.00011	.00145	.00013	.00014	.00338
%RSD	459.50	7.7299	13452.	40.320	35.683	166.61	542.05
#1	.00257	-.00594	-.00008	-.00256	.00044	.00018	.00176
#2	-.00486	-.00663	.00008	-.00461	.00026	-.00001	-.00301
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00029	.00105
SDev	.00015	.00147
%RSD	52.887	140.93
#1	.00040	.00000
#2	.00018	.00209
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6172	--	--	--	--	--	--
SDev	4.030302	--	--	--	--	--	--
%RSD	.0653040	--	--	--	--	--	--
#1	6174	--	--	--	--	--	--
#2	6169	--	--	--	--	--	--

Analysis Report 06/20/06 04:53:28 PM page 1

Method: TRACE1 Sample Name: AD636041/MS Operator: SW
Run Time: 06/20/06 16:48:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.122	.20225	.20312	.39971	.19836	44.626	.20134
SDev	.013	.00030	.00067	.00049	.00071	.135	.00099
%RSD	.13049	.14584	.32733	.12223	.35780	.30173	.49226
#1	10.112	.20246	.20265	.40006	.19886	44.531	.20064
#2	10.131	.20204	.20359	.39937	.19785	44.721	.20204
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20153	.20090	.21203	15.883	11.607	19.363	.27647
SDev	.00088	.00102	.00065	.057	.083	.010	.00087
%RSD	.43644	.50829	.30745	.35658	.71180	.05060	.31593
#1	.20215	.20163	.21249	15.923	11.548	19.356	.27709
#2	.20090	.20018	.21157	15.843	11.665	19.370	.27586
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	52.277	.22418	.19805	.19785	.19792	.20108	.20275
SDev	.002	.00029	.00106	.00070	.00012	.00191	.00280
%RSD	.00388	.12841	.53419	.35588	.05928	.95093	1.3812
#1	52.276	.22397	.19731	.19835	.19800	.19973	.20077
#2	52.279	.22438	.19880	.19736	.19784	.20243	.20473
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20241	.20041	.19876	.20478	.20050	.19717	.20573
SDev	.00036	.00305	.00085	.00222	.00031	.00007	.00018
%RSD	.17532	1.5197	.43031	1.0852	.15422	.03818	.08834
#1	.20266	.19826	.19816	.20635	.20072	.19712	.20560
#2	.20216	.20257	.19937	.20320	.20028	.19723	.20586
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05177	.19945
SDev	.00027	.00296
%RSD	.51427	1.4838
#1	.05159	.20154
#2	.05196	.19736
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6183	--	--	--	--	--	--
SDev	1.803330	--	--	--	--	--	--
%RSD	.0291677	--	--	--	--	--	--
#1	6181	--	--	--	--	--	--
#2	6184	--	--	--	--	--	--

Analysis Report 06/20/06 04:58:24 PM page 1

Method: TRACE1 Sample Name: AD636042/SD Operator: SW
Run Time: 06/20/06 16:53:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.075	.20262	.20088	.40146	.19764	44.775	.20237
SDev	.030	.00216	.00130	.00003	.00035	.134	.00018
%RSD	.30157	1.0682	.64546	.00665	.17906	.30027	.08935
#1	10.054	.20109	.20179	.40148	.19739	44.680	.20224
#2	10.097	.20415	.19996	.40144	.19789	44.870	.20250
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20200	.20016	.21261	15.937	11.712	19.278	.27664
SDev	.00068	.00099	.00057	.029	.018	.066	.00068
%RSD	.33903	.49292	.26916	.18021	.15597	.34294	.24676
#1	.20152	.19946	.21220	15.917	11.725	19.231	.27616
#2	.20249	.20085	.21301	15.958	11.699	19.324	.27712
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	52.326	.22360	.19862	.19662	.19729	.19921	.19992
SDev	.242	.00157	.00127	.00149	.00141	.00319	.00161
%RSD	.46299	.70070	.63751	.75693	.71689	1.6018	.80790
#1	52.155	.22249	.19773	.19557	.19629	.19695	.19878
#2	52.498	.22471	.19952	.19768	.19829	.20146	.20106
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19587	.20088	.20048	.20341	.19994	.19580	.20256
SDev	.00238	.00360	.00000	.00175	.00024	.00018	.00251
%RSD	1.2148	1.7905	.00003	.85848	.12232	.09035	1.2390
#1	.19418	.19834	.20048	.20217	.19977	.19593	.20433
#2	.19755	.20342	.20048	.20464	.20011	.19568	.20079
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05171	.19797
SDev	.00025	.00335
%RSD	.48778	1.6940
#1	.05153	.19560
#2	.05189	.20034
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6181	--	--	--	--	--	--
SDev	11.45492	--	--	--	--	--	--
%RSD	.1853322	--	--	--	--	--	--
#1	6189	--	--	--	--	--	--
#2	6173	--	--	--	--	--	--

Analysis Report 06/20/06 05:03:21 PM page 1

Method: TRACE1 Sample Name: AD636043 Operator: SW
Run Time: 06/20/06 16:58:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1668	.00263	.01562	.12973	.00023	52.665	-.00017
SDev	.0085	.00030	.00081	.00026	.00002	.101	.00019
%RSD	.72867	11.254	5.2138	.20043	10.270	.19232	113.10
#1	1.1728	.00242	.01619	.12992	.00024	52.736	-.00003
#2	1.1608	.00284	.01504	.12955	.00021	52.593	-.00030
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00228	.00083	.00160	9.6862	1.9359	9.7510	1.0466
SDev	.00014	.00010	.00026	.0045	.0087	.0199	.0018
%RSD	6.2467	11.793	16.022	.04600	.44823	.20458	.16991
#1	.00239	.00076	.00178	9.6893	1.9420	9.7651	1.0478
#2	.00218	.00090	.00142	9.6830	1.9298	9.7369	1.0453
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	26.046	.00201	-.00066	.00248	.00143	.00076	-.00045
SDev	.098	.00104	.00030	.00027	.00008	.00044	.00071
%RSD	.37477	51.905	44.537	11.047	5.8758	57.142	158.01
#1	26.115	.00275	-.00087	.00267	.00149	.00107	.00005
#2	25.977	.00127	-.00046	.00229	.00137	.00046	-.00096
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00124	.00053	.03794	.00009	.00313	.00592	-.00230
SDev	.00526	.00198	.00007	.00229	.00013	.00028	.00072
%RSD	423.99	375.28	.18851	2655.2	4.1064	4.6560	31.521
#1	.00496	-.00087	.03799	-.00153	.00322	.00611	-.00179
#2	-.00248	.00192	.03789	.00171	.00304	.00572	-.00281
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00045	.00093
SDev	.00010	.00063
%RSD	22.043	67.422
#1	.00038	.00049
#2	.00052	.00138
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6185	--	--	--	--	--	--
SDev	5.833631	--	--	--	--	--	--
%RSD	.0943255	--	--	--	--	--	--
#1	6180	--	--	--	--	--	--
#2	6189	--	--	--	--	--	--

Analysis Report 06/20/06 05:08:17 PM page 1

Method: TRACE1 Sample Name: AD636044 Operator: SW
Run Time: 06/20/06 17:03:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.28715	.00211	.05621	.23621	.00028	194.24	-.00000
SDev	.00711	.00151	.00007	.00002	.00003	.90	.00017
%RSD	2.4755	71.575	.13102	.00796	9.9448	.46588	3617.5
#1	.28212	.00104	.05626	.23620	.00026	193.60	.00011
#2	.29218	.00317	.05615	.23622	.00030	194.88	-.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00043	-.00033	-.00010	22.095	2.8059	48.281	.42606
SDev	.00014	.00012	.00018	.065	.0251	.076	.00113
%RSD	33.308	35.542	188.55	.29323	.89461	.15748	.26448
#1	.00053	-.00041	.00003	22.140	2.7882	48.227	.42686
#2	.00033	-.00025	-.00023	22.049	2.8237	48.335	.42527
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.9927	.00049	-.00187	.00190	.00064	-.00310	-.00078
SDev	.0079	.00021	.00099	.00024	.00017	.00137	.00108
%RSD	.13161	42.234	52.938	12.677	26.227	44.352	137.86
#1	5.9871	.00064	-.00117	.00173	.00076	-.00213	-.00154
#2	5.9983	.00034	-.00256	.00206	.00052	-.00407	-.00002
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00158	-.00386	.01458	-.00159	.00109	.00243	-.00154
SDev	.00497	.00043	.00063	.00045	.00013	.00000	.00024
%RSD	315.72	11.027	4.2866	28.598	11.463	.07857	15.589
#1	.00194	-.00416	.01414	-.00191	.00118	.00243	-.00137
#2	-.00509	-.00356	.01502	-.00127	.00100	.00243	-.00171
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00043	-.00039
SDev	.00020	.00059
%RSD	47.081	150.72
#1	.00029	-.00081
#2	.00058	.00003
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6141	--	--	--	--	--	--
SDev	2.651650	--	--	--	--	--	--
%RSD	.0431789	--	--	--	--	--	--
#1	6143	--	--	--	--	--	--
#2	6139	--	--	--	--	--	--

Analysis Report 06/20/06 05:13:13 PM page 1

Method: TRACE1 Sample Name: AD636045 Operator: SW
Run Time: 06/20/06 17:08:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20174	.00589	.04016	.25799	.00033	200.67	-.00001
SDev	.00052	.00084	.00035	.00018	.00001	.14	.00007
%RSD	.25765	14.240	.87110	.07017	4.2968	.06863	1186.7
#1	.20211	.00648	.03991	.25812	.00034	200.77	-.00006
#2	.20137	.00530	.04041	.25786	.00032	200.58	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00615	-.00029	.00067	29.710	3.3715	43.848	.68627
SDev	.00044	.00012	.00015	.024	.0038	.056	.00017
%RSD	7.2209	40.105	22.716	.08078	.11127	.12833	.02430
#1	.00584	-.00037	.00077	29.693	3.3742	43.887	.68639
#2	.00647	-.00021	.00056	29.727	3.3689	43.808	.68615
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.8694	.00708	-.00064	.00197	.00110	-.00606	-.00128
SDev	.0060	.00040	.00039	.00063	.00029	.00863	.00167
%RSD	.08707	5.6922	60.570	31.728	26.168	142.56	130.63
#1	6.8736	.00680	-.00036	.00153	.00090	.00005	-.00247
#2	6.8652	.00737	-.00091	.00241	.00130	L-.01216	-.00010
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00801	-.00508	.00728	-.00151	.00119	.00680	-.00113
SDev	.00688	.00951	.00059	.00025	.00000	.00026	.00024
%RSD	85.836	187.30	8.0936	16.245	.34696	3.8573	21.155
#1	-.00315	.00165	.00687	-.00168	.00120	.00661	-.00130
#2	-.01287	-.01180	.00770	-.00134	.00119	.00698	-.00096
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00052	.00327
SDev	.00007	.00110
%RSD	13.073	33.528
#1	.00047	.00250
#2	.00057	.00405
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6118	--	--	--	--	--	--
SDev	12.19759	--	--	--	--	--	--
%RSD	.1993681	--	--	--	--	--	--
#1	6110	--	--	--	--	--	--
#2	6127	--	--	--	--	--	--

Analysis Report 06/20/06 05:18:09 PM page 1

Method: TRACE1 Sample Name: AD636046 Operator: SW
Run Time: 06/20/06 17:13:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.6927	.00960	.01745	.40396	.00041	46.360	-.00009
SDev	.0220	.00046	.00098	.00052	.00001	.114	.00013
%RSD	.32902	4.7480	5.6362	.12814	1.6956	.24532	141.78
#1	6.6771	.00992	.01676	.40433	.00041	46.279	.00000
#2	6.7082	.00928	.01815	.40360	.00042	46.440	-.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00558	.00526	.00734	31.467	3.3500	14.673	.27893
SDev	.00034	.00026	.00025	.019	.0021	.028	.00030
%RSD	6.1007	5.0070	3.4587	.06192	.06303	.18920	.10661
#1	.00582	.00544	.00752	31.481	3.3485	14.654	.27872
#2	.00534	.00507	.00716	31.453	3.3514	14.693	.27914
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	64.580	.00874	.00208	.00567	.00447	-.00145	.00168
SDev	.308	.00000	.00080	.00168	.00139	.00348	.00088
%RSD	.47700	.00783	38.711	29.623	31.029	239.42	52.609
#1	64.362	.00874	.00151	.00448	.00349	-.00391	.00105
#2	64.798	.00873	.00265	.00685	.00545	.00101	.00230
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00365	-.00036	.19193	-.00439	.01164	.02779	-.00335
SDev	.00386	.00329	.01016	.00029	.00012	.00067	.00265
%RSD	105.87	923.65	5.2919	6.5962	1.0143	2.4073	79.045
#1	-.00637	-.00268	.18475	-.00459	.01156	.02827	-.00522
#2	-.00092	.00197	.19912	-.00418	.01172	.02732	-.00148
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00011	.00176
SDev	.00018	.00083
%RSD	173.90	47.236
#1	-.00002	.00117
#2	.00024	.00235
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6253	--	--	--	--	--	--
SDev	.2119939	--	--	--	--	--	--
%RSD	.0033902	--	--	--	--	--	--
#1	6253	--	--	--	--	--	--
#2	6253	--	--	--	--	--	--

Analysis Report 06/20/06 05:23:06 PM page 1

Method: TRACE1 Sample Name: AD636047 Operator: SW
Run Time: 06/20/06 17:18:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.6568	.00474	.01690	.38130	.00039	46.602	-.00026
SDev	.0141	.00061	.00101	.00022	.00004	.145	.00029
%RSD	.30257	12.920	5.9619	.05835	11.369	.31075	111.66
#1	4.6468	.00517	.01761	.38146	.00036	46.500	-.00005
#2	4.6667	.00430	.01619	.38114	.00042	46.705	-.00047
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00421	.00387	.00534	29.114	2.8763	14.522	.26659
SDev	.00041	.00004	.00010	.052	.0174	.028	.00027
%RSD	9.8506	1.0873	1.8510	.17901	.60573	.19218	.10071
#1	.00391	.00390	.00541	29.151	2.8640	14.502	.26678
#2	.00450	.00384	.00527	29.077	2.8886	14.542	.26640
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	66.157	.00689	.00169	.00493	.00385	-.00236	-.00042
SDev	.278	.00016	.00199	.00084	.00010	.00212	.00143
%RSD	.42013	2.2959	117.99	17.085	2.6564	89.475	335.95
#1	65.961	.00700	.00310	.00433	.00392	-.00386	-.00143
#2	66.354	.00678	.00028	.00553	.00378	-.00087	.00058
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00156	-.00277	.12191	-.00293	.00830	.01994	-.00187
SDev	.00171	.00403	.00010	.00031	.00039	.00043	.00072
%RSD	109.81	145.66	.07947	10.733	4.7103	2.1620	38.673
#1	-.00035	-.00562	.12184	-.00315	.00802	.01963	-.00238
#2	-.00277	.00008	.12198	-.00271	.00857	.02024	-.00136
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00074	.00083
SDev	.00033	.00088
%RSD	44.322	106.28
#1	.00051	.00145
#2	.00097	.00021
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6198	--	--	--	--	--	--
SDev	9.545941	--	--	--	--	--	--
%RSD	.1540090	--	--	--	--	--	--
#1	6205	--	--	--	--	--	--
#2	6192	--	--	--	--	--	--

Analysis Report 06/20/06 05:28:02 PM page 1

Method: TRACE1 Sample Name: AD636048 Operator: SW
Run Time: 06/20/06 17:23:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36208	.01931	.02424	.54728	.00037	125.68	-.00028
SDev	.00050	.00060	.00060	.00057	.00002	.51	.00003
%RSD	.13745	3.1317	2.4750	.10377	6.3596	.40608	10.733
#1	.36173	.01888	.02466	.54768	.00036	125.32	-.00026
#2	.36244	.01973	.02381	.54688	.00039	126.04	-.00030
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00095	.00002	.00021	53.146	6.2163	24.142	.24286
SDev	.00029	.00054	.00027	.072	.0097	.030	.00038
%RSD	30.302	2890.7	130.46	.13471	.15540	.12411	.15542
#1	.00075	-.00036	.00039	53.196	6.2095	24.120	.24313
#2	.00116	.00040	.00002	53.095	6.2231	24.163	.24259
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.9064	.00094	-.00160	.00246	.00111	-.00322	-.00235
SDev	.1104	.00096	.00079	.00044	.00056	.00022	.00307
%RSD	1.8693	101.87	49.347	18.066	50.491	6.9534	130.42
#1	5.8283	.00026	-.00104	.00277	.00150	-.00306	-.00018
#2	5.9844	.00162	-.00216	.00215	.00071	-.00338	-.00452
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00406	-.00280	.01532	-.00007	.00155	.00255	-.00052
SDev	.00153	.00110	.00120	.00148	.00025	.00055	.00025
%RSD	37.628	39.246	7.8638	2042.3	15.897	21.351	47.242
#1	-.00514	-.00202	.01617	-.00112	.00173	.00217	-.00070
#2	-.00298	-.00358	.01447	.00097	.00138	.00294	-.00035
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00060	.00101
SDev	.00040	.00064
%RSD	67.419	63.133
#1	.00031	.00146
#2	.00088	.00056
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6104	--	--	--	--	--	--
SDev	12.94026	--	--	--	--	--	--
%RSD	.2120138	--	--	--	--	--	--
#1	6113	--	--	--	--	--	--
#2	6094	--	--	--	--	--	--

Analysis Report 06/20/06 05:32:57 PM page 1

Method: TRACE1 Sample Name: AD636049 Operator: SW
Run Time: 06/20/06 17:28:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1391	.00283	.02104	.17059	.00029	43.800	-.00012
SDev	.0076	.00136	.00023	.00029	.00001	.002	.00007
%RSD	.66521	47.989	1.1018	.16866	4.0393	.00523	59.803
#1	1.1338	.00187	.02088	.17038	.00029	43.801	-.00007
#2	1.1445	.00379	.02121	.17079	.00028	43.798	-.00018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00071	.00103	.00240	26.613	6.0820	10.873	1.4113
SDev	.00035	.00024	.00007	.032	.0005	.003	.0003
%RSD	48.712	23.783	3.0859	.12004	.00745	.02532	.02240
#1	.00096	.00086	.00234	26.635	6.0816	10.875	1.4110
#2	.00047	.00120	.00245	26.590	6.0823	10.871	1.4115
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	46.490	.00155	.00030	.00261	.00184	-.00302	.00039
SDev	.063	.00011	.00184	.00032	.00082	.00381	.00125
%RSD	.13635	7.2231	604.33	12.149	44.710	126.39	320.25
#1	46.446	.00163	-.00100	.00239	.00126	-.00032	.00128
#2	46.535	.00147	.00160	.00283	.00243	-.00572	-.00049
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00529	-.00188	.04023	-.00287	.00309	.00575	-.00093
SDev	.00491	.00327	.00317	.00047	.00013	.00013	.00098
%RSD	92.852	173.52	7.8756	16.388	4.1661	2.1799	105.25
#1	-.00182	.00043	.04247	-.00320	.00319	.00566	-.00024
#2	-.00876	-.00419	.03799	-.00253	.00300	.00584	-.00162
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00062	.00103
SDev	.00092	.00067
%RSD	149.39	64.886
#1	.00127	.00056
#2	-.00003	.00151
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6183	--	--	--	--	--	--
SDev	10.50061	--	--	--	--	--	--
%RSD	.1698364	--	--	--	--	--	--
#1	6175	--	--	--	--	--	--
#2	6190	--	--	--	--	--	--

Analysis Report 06/20/06 05:37:53 PM page 1

Method: TRACE1 Sample Name: AD636072 Operator: SW
Run Time: 06/20/06 17:33:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9062	.40038	.77434	.37535	.00069	98.202	.00305
SDev	.0173	.00172	.00652	.00173	.00003	.890	.00022
%RSD	.90875	.42970	.84161	.46051	4.0286	.90590	7.3116
#1	1.8939	.39917	.76973	.37413	.00071	97.573	.00290
#2	1.9184	.40160	.77895	.37658	.00067	98.831	.00321
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01947	.14118	.13419	193.69	S392.15	9.3624	2.0428
SDev	.00010	.00054	.00043	.72	3.22	.0585	.0065
%RSD	.51435	.38135	.32352	.37234	.82214	.62483	.31771
#1	.01954	.14079	.13388	193.18	S394.43	9.3210	2.0382
#2	.01940	.14156	.13449	194.20	S389.87	9.4037	2.0474
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H992.69	.06737	.16701	.16710	.16707	.13288	.00922
SDev	4.79	.00002	.00324	.00203	.00244	.00183	.00069
%RSD	.48290	.02925	1.9391	1.2174	1.4576	1.3739	7.4967
#1	H989.30	.06738	.16472	.16566	.16535	.13417	.00874
#2	H996.08	.06736	.16930	.16853	.16879	.13159	.00971
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15529	.12167	.06944	L-.01538	.01378	.66922	L-.01599
SDev	.00525	.00011	.00047	.00270	.00019	.00376	.00268
%RSD	3.3818	.09259	.67986	17.561	1.3858	.56169	16.774
#1	.15900	.12175	.06977	L-.01729	.01365	.66657	L-.01789
#2	.15158	.12159	.06910	L-.01347	.01392	.67188	L-.01409
Errors	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass	LC Low
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00292	.04377
SDev	.00019	.00125
%RSD	6.6675	2.8440
#1	.00278	.04465
#2	.00306	.04289
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5674	--	--	--	--	--	--
SDev	21.00121	--	--	--	--	--	--
%RSD	.3701273	--	--	--	--	--	--
#1	5659	--	--	--	--	--	--
#2	5689	--	--	--	--	--	--

Analysis Report QC Standard 06/20/06 05:44:09 PM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 06/20/06 17:39:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.192	.48413	.47041	.48024	.48954	25.508	.48739
SDev	.043	.00241	.00246	.00018	.00199	.098	.00135
%RSD	.16911	.49679	.52381	.03709	.40578	.38275	.27602
#1	25.162	.48583	.46866	.48011	.49094	25.439	.48834
#2	25.222	.48243	.47215	.48036	.48813	25.577	.48644
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48982	.49234	.50986	25.049	Q31.483	25.132	.50543
SDev	.00022	.00183	.00011	.005	2.335	.004	.00023
%RSD	.04436	.37154	.02191	.02129	7.4172	.01685	.04615
#1	.48998	.49363	.50978	25.053	Q29.832	25.129	.50527
#2	.48967	.49105	.50994	25.046	Q33.134	25.135	.50560
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	26.277	.49835	.49439	.48946	.49110	.49921	.47985
SDev	.520	.00183	.00062	.00077	.00072	.00342	.00064
%RSD	1.9806	.36612	.12564	.15794	.14712	.68490	.13287
#1	25.909	.49964	.49395	.48891	.49059	.50162	.47940
#2	26.645	.49706	.49483	.49000	.49161	.49679	.48030
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50140	.49811	.50048	.50779	.49769	.48272	.50644
SDev	.00016	.00505	.00171	.00088	.00039	.00148	.00179
%RSD	.03272	1.0131	.34162	.17258	.07884	.30709	.35291
#1	.50152	.50168	.49927	.50841	.49796	.48376	.50771
#2	.50129	.49455	.50169	.50717	.49741	.48167	.50518
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.49005	.48560
SDev	.00114	.00059
%RSD	.23289	.12164
#1	.48925	.48518
#2	.49086	.48602
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6060	--	--	--	--	--	--
SDev	35.95645	--	--	--	--	--	--
%RSD	.5933774	--	--	--	--	--	--
#1	6034	--	--	--	--	--	--
#2	6085	--	--	--	--	--	--

Analysis Report Blank Sample 06/20/06 05:49:06 PM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 06/20/06 17:44:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04318	.00092	.00088	.00020	.00029	.03601	.00002
SDev	.00280	.00062	.00009	.00007	.00000	.00214	.00019
%RSD	6.4886	67.211	10.058	34.070	.37419	5.9475	1225.0
#1	.04120	.00048	.00082	.00025	.00029	.03752	.00015
#2	.04516	.00136	.00095	.00015	.00029	.03449	-.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00030	-.00020	-.00024	.02983	.33635	.02640	.00020
SDev	.00006	.00065	.00064	.00470	.05453	.00152	.00009
%RSD	19.029	318.37	271.08	15.744	16.211	5.7711	42.900
#1	.00034	.00026	.00022	.03315	.37491	.02533	.00026
#2	.00026	-.00066	-.00069	.02651	.29780	.02748	.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.07619	-.00002	-.00230	.00255	.00093	-.00338	.00033
SDev	.01064	.00007	.00094	.00103	.00100	.00076	.00113
%RSD	13.968	353.59	40.687	40.313	106.81	22.368	341.87
#1	-.06867	.00003	-.00296	.00182	.00023	-.00392	.00113
#2	-.08372	-.00007	-.00164	.00328	.00164	-.00285	-.00047
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00879	-.00068	.00034	-.00245	.00062	.00047	-.00147
SDev	.00272	.00250	.00009	.00331	.00000	.00014	.00121
%RSD	30.976	369.50	26.320	134.91	.05101	29.278	82.342
#1	-.00687	-.00244	.00028	-.00011	.00062	.00056	-.00061
#2	-.01072	.00109	.00041	-.00479	.00062	.00037	-.00233
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00052	.00126
SDev	.00003	.00025
%RSD	6.0483	19.966
#1	.00054	.00108
#2	.00050	.00143
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6166	--	--	--	--	--	--
SDev	6.363961	--	--	--	--	--	--
%RSD	.1032172	--	--	--	--	--	--
#1	6161	--	--	--	--	--	--
#2	6170	--	--	--	--	--	--

Analysis Report 06/20/06 05:54:02 PM page 1

Method: TRACE1 Sample Name: AD636119/PB Operator: SW
Run Time: 06/20/06 17:49:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05708	.00031	.00694	.00012	.00026	.09529	-.00012
SDev	.00012	.00055	.00093	.00001	.00003	.00091	.00005
%RSD	.21806	177.18	13.464	11.445	13.392	.95571	44.837
#1	.05699	.00070	.00761	.00011	.00024	.09465	-.00016
#2	.05717	-.00008	.00628	.00013	.00029	.09594	-.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00021	-.00027	.00007	.01826	.18458	.00162	.00008
SDev	.00058	.00007	.00036	.00230	.01261	.00127	.00009
%RSD	274.72	25.353	499.30	12.602	6.8307	78.174	109.11
#1	-.00062	-.00031	.00032	.01663	.19349	.00251	.00002
#2	.00020	-.00022	-.00018	.01989	.17566	.00072	.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00739	.00009	-.00162	.00139	.00039	-.00195	.00112
SDev	.01893	.00004	.00179	.00050	.00026	.00001	.00023
%RSD	256.09	41.461	110.50	35.837	68.667	.35535	20.866
#1	-.02078	.00006	-.00289	.00174	.00020	-.00195	.00128
#2	.00599	.00011	-.00035	.00104	.00057	-.00194	.00095
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00251	-.00418	.00020	-.00101	.00044	.00189	-.00216
SDev	.00511	.00257	.00025	.00265	.00025	.00027	.00024
%RSD	203.80	61.435	123.43	263.31	56.961	14.407	11.321
#1	.00612	-.00599	.00003	.00087	.00062	.00170	-.00233
#2	-.00111	-.00236	.00038	-.00288	.00026	.00209	-.00199
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00093	.00009
SDev	.00011	.00013
%RSD	11.191	136.02
#1	.00086	.00018
#2	.00101	.00000
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6184	--	--	--	--	--	--
SDev	8.591278	--	--	--	--	--	--
%RSD	.1389247	--	--	--	--	--	--
#1	6190	--	--	--	--	--	--
#2	6178	--	--	--	--	--	--

Analysis Report 06/20/06 05:58:58 PM page 1

Method: TRACE1 Sample Name: AD636118/LCS Operator: SW
Run Time: 06/20/06 17:54:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12466	.96343	.05957	.91141	.89074	.71512	.96284
SDev	.00060	.00729	.00006	.00445	.00387	.00178	.00421
%RSD	.48557	.75638	.10643	.48840	.43475	.24866	.43727
#1	.12509	.95828	.05953	.90827	.88800	.71387	.95986
#2	.12423	.96858	.05962	.91456	.89348	.71638	.96582
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	LC Pass
High		1.2000		1.2000	1.2000		1.2000
Low		.80000		.80000	.80000		.80000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.92061	.92440	.97801	.10775	2.4821	.15056	.91689
SDev	.00375	.00567	.00363	.00587	.0116	.00272	.00358
%RSD	.40695	.61322	.37083	5.4448	.46638	1.8072	.39042
#1	.91796	.92039	.97544	.11190	2.4903	.15248	.91436
#2	.92326	.92840	.98057	.10360	2.4739	.14863	.91942
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	1.2000	1.2000	1.2000				1.2000
Low	.80000	.80000	.80000				.80000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1093.7	.94733	.94780	.93062	.93634	.98737	.96136
SDev	3.7	.00512	.00197	.00729	.00552	.00578	.00484
%RSD	.33749	.54015	.20744	.78331	.58920	.58500	.50339
#1	1091.1	.94371	.94641	.92546	.93244	.98328	.95794
#2	1096.3	.95094	.94919	.93577	.94024	.99145	.96478
Errors	NOCHECK	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High		1.2000			1.2000	1.2000	1.2000
Low		.80000			.80000	.80000	.80000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99263	.98472	.00036	.97219	.93704	.93345	-.00242
SDev	.00699	.00517	.00005	.01676	.00349	.00394	.00178
%RSD	.70398	.52503	13.270	1.7245	.37205	.42238	73.461
#1	.98769	.98107	.00039	.96033	.93458	.93066	-.00368
#2	.99757	.98838	.00033	.98404	.93951	.93624	-.00116
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK
High				1.2000	1.2000	1.2000	
Low				.80000	.80000	.80000	

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.97883	.92626
SDev	.00466	.00273
%RSD	.47605	.29458
#1	.97554	.92433
#2	.98213	.92819
Errors	LC Pass	LC Pass
High	1.2000	1.2000
Low	.80000	.80000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5866	--	--	--	--	--	--
SDev	6.894291	--	--	--	--	--	--
%RSD	.1175332	--	--	--	--	--	--
#1	5871	--	--	--	--	--	--
#2	5861	--	--	--	--	--	--

Analysis Report 06/20/06 06:03:54 PM page 1

Method: TRACE1 Sample Name: AD636117/EBLK Operator: SW
Run Time: 06/20/06 17:59:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08899	-.00137	H.05881	H.00383	.00049	H.64960	.00001
SDev	.00628	.00196	.00014	.00005	.00002	.00082	.00009
%RSD	7.0525	142.77	.23717	1.1973	4.5987	.12684	1318.4
#1	.09343	-.00276	H.05871	H.00380	.00051	H.65018	.00007
#2	.08456	.00001	H.05891	H.00386	.00047	H.64902	-.00006
Errors	LC Pass	LC Pass	LC High	LC High	LC Pass	LC High	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00006	.00072	.00169	H.10970	H2.3949	.14322	H.00531
SDev	.00043	.00016	.00011	.00656	.0123	.00073	.00003
%RSD	684.02	21.648	6.2882	5.9816	.51466	.51143	.49870
#1	-.00037	.00083	.00177	H.10506	H2.4036	.14270	H.00533
#2	.00024	.00061	.00162	H.11434	H2.3862	.14374	H.00529
Errors	LC Pass	LC Pass	LC Pass	LC High	LC High	LC Pass	LC High
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1078.8	.00240	.00339	.00611	H.00520	.00246	.00304
SDev	1.3	.00031	.00103	.00186	.00090	.00202	.00562
%RSD	.11786	12.984	30.324	30.421	17.237	81.788	184.50
#1	H1077.9	.00262	.00412	.00479	.00457	.00104	.00702
#2	H1079.7	.00218	.00266	.00742	H.00584	.00389	-.00093
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC High	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00035	.00352	.00047	-.00108	.00073	H.01667	-.00240
SDev	.00359	.00482	.00028	.00206	.00040	.00058	.00127
%RSD	1029.5	136.72	59.000	191.51	54.460	3.4661	52.740
#1	.00288	.00012	.00066	.00038	.00045	H.01626	-.00151
#2	-.00219	.00693	.00027	-.00254	.00101	H.01708	-.00330
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00067	.00414
SDev	.00064	.00110
%RSD	95.511	26.671
#1	.00022	.00492
#2	.00113	.00336
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5876	--	--	--	--	--	--
SDev	3.287978	--	--	--	--	--	--
%RSD	.0559572	--	--	--	--	--	--
#1	5878	--	--	--	--	--	--
#2	5874	--	--	--	--	--	--

Analysis Report 06/20/06 06:08:51 PM page 1

Method: TRACE1 Sample Name: AD636114 Operator: SW
Run Time: 06/20/06 18:03:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36506	.00910	.17677	.18992	.00060	60.969	.00161
SDev	.00211	.00003	.00154	.00082	.00001	.129	.00030
%RSD	.57775	.37803	.87067	.43389	2.1462	.21101	18.374
#1	.36655	.00912	.17786	.19050	.00061	61.060	.00140
#2	.36356	.00907	.17568	.18934	.00059	60.878	.00182
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00239	.00590	.01994	.40406	5.9940	11.090	1.6492
SDev	.00035	.00016	.00009	.00579	.0276	.009	.0024
%RSD	14.697	2.7415	.43148	1.4339	.45968	.07853	.14350
#1	.00214	.00579	.02000	.39996	6.0135	11.096	1.6509
#2	.00264	.00602	.01988	.40816	5.9745	11.084	1.6476
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1036.0	.01251	.00588	.00545	.00560	.00344	.00374
SDev	1.4	.00021	.00193	.00143	.00160	.00422	.00185
%RSD	.13353	1.7209	32.891	26.163	28.517	122.62	49.459
#1	H1037.0	.01236	.00725	.00646	.00672	.00642	.00243
#2	H1035.0	.01266	.00451	.00444	.00447	.00046	.00505
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00168	.00432	.00351	-.00248	.00211	.08442	-.00276
SDev	.00159	.00553	.00009	.00016	.00052	.00014	.00075
%RSD	94.788	128.02	2.5469	6.4396	24.746	.16867	27.280
#1	.00280	.00823	.00344	-.00237	.00174	.08453	-.00329
#2	.00055	.00041	.00357	-.00259	.00248	.08432	-.00223
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00027	.00096
SDev	.00077	.00005
%RSD	286.65	4.8601
#1	-.00028	.00099
#2	.00081	.00092
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5914	--	--	--	--	--	--
SDev	9.970275	--	--	--	--	--	--
%RSD	.1685734	--	--	--	--	--	--
#1	5907	--	--	--	--	--	--
#2	5922	--	--	--	--	--	--

Analysis Report 06/20/06 06:13:48 PM page 1

Method: TRACE1 Sample Name: AD636114/L (1:5) Operator: SW
Run Time: 06/20/06 18:08:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08835	.00296	.03690	.04019	.00037	12.901	.00044
SDev	.00218	.00136	.00026	.00063	.00001	.172	.00004
%RSD	2.4733	46.045	.69758	1.5775	2.6839	1.3369	10.172
#1	.08681	.00200	.03709	.04064	.00037	13.023	.00047
#2	.08990	.00393	.03672	.03974	.00036	12.779	.00041
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	.00139	.00474	.09608	1.0345	2.4061	.34865
SDev	.00012	.00006	.00029	.00066	.0152	.0335	.00546
%RSD	46.197	4.7046	6.1879	.68562	1.4699	1.3933	1.5665
#1	.00017	.00134	.00495	.09562	1.0453	2.4298	.35251
#2	.00033	.00143	.00454	.09655	1.0238	2.3824	.34479
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	279.15	.00212	.00002	.00263	.00176	-.00132	.00156
SDev	3.02	.00053	.00104	.00129	.00121	.00107	.00018
%RSD	1.0827	25.197	6623.3	49.261	68.815	81.351	11.274
#1	281.29	.00250	.00075	.00354	.00261	-.00056	.00144
#2	277.01	.00174	-.00072	.00171	.00090	-.00207	.00169
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00194	-.00101	.00055	-.00327	.00090	.01835	-.00071
SDev	.00046	.00184	.00009	.00023	.00013	.00025	.00222
%RSD	23.907	182.59	16.726	7.0284	14.423	1.3633	311.78
#1	-.00226	.00029	.00049	-.00311	.00099	.01817	.00086
#2	-.00161	-.00231	.00062	-.00344	.00081	.01853	-.00228
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00034	.00128
SDev	.00016	.00146
%RSD	47.842	114.17
#1	.00046	.00025
#2	.00023	.00231
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6044	--	--	--	--	--	--
SDev	8.485281	--	--	--	--	--	--
%RSD	.1403860	--	--	--	--	--	--
#1	6038	--	--	--	--	--	--
#2	6050	--	--	--	--	--	--

Analysis Report 06/20/06 06:18:44 PM page 1

Method: TRACE1 Sample Name: AD636114/PS Operator: SW
Run Time: 06/20/06 18:13:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37708	.99977	.17742	1.1466	.97610	61.929	.99820
SDev	.00411	.00308	.00086	.0036	.00145	.107	.00036
%RSD	1.0904	.30830	.48415	.31583	.14911	.17225	.03615
#1	.37999	1.0019	.17682	1.1492	.97713	62.005	.99846
#2	.37418	.99759	.17803	1.1440	.97507	61.854	.99795
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97682	.98551	1.0338	.40598	6.0725	11.265	2.6314
SDev	.00191	.00115	.0035	.00352	.0415	.017	.0060
%RSD	.19581	.11710	.34298	.86757	.68280	.15374	.22637
#1	.97817	.98632	1.0363	.40348	6.1018	11.278	2.6357
#2	.97547	.98469	1.0313	.40847	6.0432	11.253	2.6272
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1046.3	1.0969	.99783	.98153	.98696	1.0272	.96296
SDev	2.8	.0012	.00397	.00191	.00260	.0030	.00281
%RSD	.26549	.10523	.39831	.19471	.26326	.29247	.29137
#1	H1048.2	1.0977	1.0006	.98288	.98880	1.0293	.96098
#2	H1044.3	1.0961	.99502	.98018	.98512	1.0251	.96495
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0334	1.0241	.00310	1.0464	1.0025	1.0723	-.00203
SDev	.0072	.0009	.00021	.0038	.0030	.0006	.00231
%RSD	.70014	.08679	6.6959	.36685	.29561	.05444	113.81
#1	1.0385	1.0248	.00295	1.0437	1.0046	1.0727	-.00040
#2	1.0283	1.0235	.00325	1.0491	1.0004	1.0719	-.00367
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	1.0226	1.0352
SDev	.0029	.0013
%RSD	.28150	.12491
#1	1.0246	1.0361
#2	1.0205	1.0343
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5823	--	--	--	--	--	--
SDev	28.84982	--	--	--	--	--	--
%RSD	.4954204	--	--	--	--	--	--
#1	5803	--	--	--	--	--	--
#2	5844	--	--	--	--	--	--

Analysis Report 06/20/06 06:23:40 PM page 1

Method: TRACE1 Sample Name: AD636115/MS Operator: SW
Run Time: 06/20/06 18:18:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38776	1.0211	.18259	1.1488	.94718	63.773	.98248
SDev	.00334	.0046	.00036	.0034	.00339	.177	.00084
%RSD	.86140	.44743	.19543	.29337	.35783	.27777	.08581
#1	.39012	1.0243	.18284	1.1512	.94958	63.899	.98307
#2	.38540	1.0179	.18234	1.1464	.94479	63.648	.98188
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.96077	.97946	1.0551	.38852	6.3205	11.569	2.6549
SDev	.00247	.00182	.0078	.01182	.0210	.064	.0150
%RSD	.25710	.18617	.73514	3.0433	.33276	.55212	.56380
#1	.96252	.98075	1.0606	.39688	6.3354	11.614	2.6655
#2	.95902	.97817	1.0496	.38016	6.3057	11.524	2.6443
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1070.1	.98644	.99059	.97340	.97912	1.0284	1.0150
SDev	2.0	.00571	.00609	.00313	.00411	.0048	.0026
%RSD	.19140	.57910	.61456	.32148	.42022	.47015	.25606
#1	H1071.5	.99048	.99489	.97561	.98203	1.0249	1.0169
#2	H1068.6	.98240	.98628	.97118	.97621	1.0318	1.0132
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0338	1.0257	.00367	1.0268	.99199	1.0332	-.00149
SDev	.0105	.0125	.00088	.0110	.00520	.0062	.00104
%RSD	1.0185	1.2203	23.964	1.0698	.52458	.59640	69.748
#1	1.0412	1.0168	.00429	1.0190	.99567	1.0375	-.00076
#2	1.0263	1.0345	.00305	1.0346	.98831	1.0288	-.00223
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	1.0237	.97403
SDev	.0031	.00303
%RSD	.29998	.31112
#1	1.0259	.97618
#2	1.0215	.97189
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5820	--	--	--	--	--	--
SDev	26.62250	--	--	--	--	--	--
%RSD	.4574608	--	--	--	--	--	--
#1	5801	--	--	--	--	--	--
#2	5838	--	--	--	--	--	--

Analysis Report 06/20/06 06:28:36 PM page 1

Method: TRACE1 Sample Name: AD636116/SD Operator: SW
Run Time: 06/20/06 18:23:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38495	1.0117	.17988	1.1395	.93861	62.350	.96964
SDev	.00046	.0001	.00007	.0015	.00138	.220	.00352
%RSD	.11916	.00687	.03694	.13073	.14669	.35205	.36349
#1	.38527	1.0116	.17984	1.1384	.93763	62.195	.96715
#2	.38462	1.0117	.17993	1.1405	.93958	62.505	.97214
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.95285	.97038	1.0517	.38774	6.1416	11.349	2.6221
SDev	.00125	.00157	.0009	.00214	.0242	.007	.0015
%RSD	.13137	.16136	.08105	.55092	.39462	.06562	.05644
#1	.95197	.96927	1.0523	.38623	6.1245	11.343	2.6231
#2	.95374	.97148	1.0511	.38925	6.1588	11.354	2.6210
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1057.6	.97894	.97841	.96434	.96902	1.0184	1.0053
SDev	.9	.00136	.00028	.00512	.00333	.0050	.0072
%RSD	.08688	.13865	.02806	.53139	.34330	.48774	.71534
#1	H1056.9	.97798	.97861	.96071	.96667	1.0149	1.0104
#2	H1058.2	.97990	.97822	.96796	.97138	1.0219	1.0002
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0206	1.0173	.00333	1.0200	.98891	1.0245	-.00349
SDev	.0024	.0086	.00065	.0052	.00047	.0011	.00077
%RSD	.23318	.84938	19.643	.51197	.04781	.10975	21.973
#1	1.0223	1.0112	.00286	1.0163	.98925	1.0253	-.00403
#2	1.0189	1.0234	.00379	1.0237	.98858	1.0237	-.00295
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	1.0217	.97248
SDev	.0030	.00048
%RSD	.29568	.04926
#1	1.0196	.97214
#2	1.0239	.97282
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5852	--	--	--	--	--	--
SDev	7.424621	--	--	--	--	--	--
%RSD	.1268711	--	--	--	--	--	--
#1	5857	--	--	--	--	--	--
#2	5847	--	--	--	--	--	--

Analysis Report 06/20/06 06:34:52 PM page 1

Method: TRACE1 Sample Name: AD635944/PB Operator: SW
Run Time: 06/20/06 18:29:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02887	.00079	.00246	.00003	.00021	.04223	-.00010
SDev	.00553	.00113	.00049	.00004	.00004	.00101	.00015
%RSD	19.148	143.78	19.941	144.13	17.471	2.3943	146.66
#1	.02496	-.00001	.00211	.00006	.00018	.04152	.00000
#2	.03278	.00159	.00281	-.00000	.00023	.04295	-.00021
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00037	-.00032	-.00009	.00840	.04466	-.00190	.00004
SDev	.00002	.00045	.00013	.00702	.00399	.00059	.00003
%RSD	4.4075	138.94	139.08	83.590	8.9361	31.266	75.288
#1	-.00036	-.00001	-.00000	.00343	.04184	-.00148	.00002
#2	-.00038	-.00064	-.00018	.01336	.04748	-.00231	.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00997	-.00036	-.00045	.00343	.00214	-.00307	.00575
SDev	.01606	.00030	.00250	.00198	.00049	.00059	.00379
%RSD	161.07	82.785	558.55	57.628	22.782	19.322	65.880
#1	.02133	-.00015	.00132	.00203	.00179	-.00349	.00843
#2	-.00139	-.00058	-.00221	.00483	.00248	-.00265	.00307
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00186	-.00368	-.00013	-.00206	.00035	.00161	-.00216
SDev	.00306	.00242	.00034	.00209	.00013	.00014	.00025
%RSD	164.63	65.778	266.26	101.56	35.753	8.5919	11.413
#1	.00031	-.00539	-.00037	-.00354	.00044	.00151	-.00233
#2	-.00402	-.00197	.00011	-.00058	.00026	.00171	-.00198
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00039	.00048
SDev	.00021	.00026
%RSD	54.791	52.924
#1	.00024	.00030
#2	.00054	.00066
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6168	--	--	--	--	--	--
SDev	9.970275	--	--	--	--	--	--
%RSD	.1616452	--	--	--	--	--	--
#1	6175	--	--	--	--	--	--
#2	6161	--	--	--	--	--	--

Analysis Report 06/20/06 06:39:49 PM page 1

Method: TRACE1 Sample Name: AD635943/LCS Operator: SW
Run Time: 06/20/06 18:34:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08935	.97144	.08971	.93422	.90925	.75460	.97321
SDev	.00559	.00014	.00093	.00070	.00290	.00231	.00056
%RSD	6.2520	.01410	1.0365	.07525	.31895	.30591	.05775
#1	.09330	.97135	.08905	.93373	.90720	.75623	.97361
#2	.08540	.97154	.09037	.93472	.91130	.75297	.97281
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	LC Pass
High		1.2000		1.2000	1.2000		1.2000
Low		.80000		.80000	.80000		.80000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.93746	.94651	.99374	.03388	1.6356	.20096	.93545
SDev	.00133	.00307	.00314	.00397	.0005	.00174	.00035
%RSD	.14129	.32398	.31632	11.729	.03170	.86419	.03744
#1	.93652	.94434	.99597	.03669	1.6359	.20218	.93570
#2	.93839	.94868	.99152	.03107	1.6352	.19973	.93521
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	1.2000	1.2000	1.2000				1.2000
Low	.80000	.80000	.80000				.80000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	828.39	.95986	.95740	.94383	.94835	.99158	.97264
SDev	2.34	.00199	.00530	.00148	.00275	.00628	.00623
%RSD	.28284	.20768	.55372	.15710	.29043	.63317	.64037
#1	830.05	.96127	.96115	.94488	.95030	.99602	.96823
#2	826.73	.95845	.95365	.94279	.94640	.98714	.97704
Errors	NOCHECK	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High		1.2000			1.2000	1.2000	1.2000
Low		.80000			.80000	.80000	.80000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98674	.99401	.00049	1.0011	.95785	.94024	-.00190
SDev	.00582	.00651	.00006	.0031	.00081	.00015	.00253
%RSD	.58938	.65491	11.667	.31144	.08443	.01650	133.17
#1	.99085	.99861	.00053	1.0034	.95842	.94013	-.00011
#2	.98263	.98940	.00045	.99894	.95728	.94035	-.00369
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK
High				1.2000	1.2000	1.2000	
Low				.80000	.80000	.80000	

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.98101	.94921
SDev	.00349	.00632
%RSD	.35539	.66550
#1	.98348	.94474
#2	.97855	.95367
Errors	LC Pass	LC Pass
High	1.2000	1.2000
Low	.80000	.80000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5916	--	--	--	--	--	--
SDev	30.97114	--	--	--	--	--	--
%RSD	.5234883	--	--	--	--	--	--
#1	5894	--	--	--	--	--	--
#2	5938	--	--	--	--	--	--

Analysis Report QC Standard 06/20/06 06:46:04 PM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 06/20/06 18:41:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.866	.48067	.46465	.47757	.48342	25.008	.48411
SDev	.026	.00165	.00084	.00053	.00122	.001	.00069
%RSD	.10454	.34403	.18127	.11207	.25181	.00566	.14219
#1	24.847	.48184	.46405	.47795	.48428	25.009	.48460
#2	24.884	.47950	.46525	.47720	.48256	25.007	.48362
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48385	.48750	.50385	24.687	25.083	24.744	.49622
SDev	.00100	.00145	.00115	.051	.012	.007	.00059
%RSD	.20700	.29720	.22755	.20532	.04617	.03014	.11918
#1	.48456	.48852	.50466	24.723	25.075	24.749	.49664
#2	.48314	.48647	.50304	24.651	25.091	24.739	.49580
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.517	.49122	.48492	.48167	.48275	.49343	.48051
SDev	.040	.00022	.00243	.00154	.00184	.00102	.00220
%RSD	.16200	.04586	.50108	.32038	.38082	.20693	.45734
#1	24.545	.49138	.48664	.48276	.48405	.49415	.48206
#2	24.489	.49106	.48320	.48058	.48145	.49271	.47896
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49769	.49130	.49682	.51016	.49314	.47557	.49782
SDev	.00105	.00206	.00035	.00357	.00107	.00073	.00036
%RSD	.21083	.41853	.06992	.69901	.21741	.15408	.07195
#1	.49694	.49276	.49707	.50764	.49390	.47609	.49756
#2	.49843	.48985	.49657	.51268	.49238	.47505	.49807
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.48450	.48566
SDev	.00032	.00024
%RSD	.06519	.05039
#1	.48428	.48583
#2	.48472	.48548
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6113	--	--	--	--	--	--
SDev	16.44023	--	--	--	--	--	--
%RSD	.2689246	--	--	--	--	--	--
#1	6102	--	--	--	--	--	--
#2	6125	--	--	--	--	--	--

Analysis Report Blank Sample 06/20/06 06:51:01 PM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 06/20/06 18:46:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04688	.00119	.00156	.00018	.00038	.03022	.00003
SDev	.00010	.00030	.00035	.00003	.00000	.00153	.00003
%RSD	.21924	24.993	22.241	15.718	1.1204	5.0710	81.499
#1	.04696	.00140	.00132	.00020	.00038	.03131	.00005
#2	.04681	.00098	.00181	.00016	.00038	.02914	.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	-.00008	-.00004	.02453	.08538	.02813	.00010
SDev	.00031	.00008	.00010	.00784	.02175	.00097	.00011
%RSD	3662.4	109.11	245.48	31.946	25.469	3.4374	112.25
#1	-.00023	-.00002	.00003	.01899	.10076	.02881	.00018
#2	.00021	-.00014	-.00011	.03007	.07001	.02745	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00653	.00023	.00093	.00149	.00130	-.00138	.00622
SDev	.09198	.00026	.00024	.00184	.00131	.00097	.00163
%RSD	1407.8	113.62	25.375	124.14	100.60	69.774	26.161
#1	.05850	.00042	.00110	.00279	.00223	-.00070	.00737
#2	-.07157	.00005	.00076	.00018	.00038	-.00207	.00507
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00158	-.00129	.00011	-.00307	.00089	.00057	-.00075
SDev	.00176	.00233	.00024	.00308	.00013	.00027	.00220
%RSD	111.52	181.23	215.61	100.22	14.171	48.109	292.19
#1	-.00283	.00036	-.00006	-.00089	.00080	.00076	-.00230
#2	-.00033	-.00293	.00028	-.00525	.00098	.00038	.00080
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00089	.00308
SDev	.00049	.00017
%RSD	55.496	5.4579
#1	.00054	.00296
#2	.00124	.00320
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6102	--	--	--	--	--	--
SDev	3.499971	--	--	--	--	--	--
%RSD	.0573599	--	--	--	--	--	--
#1	6099	--	--	--	--	--	--
#2	6104	--	--	--	--	--	--

Analysis Report 06/20/06 06:55:57 PM page 1

Method: TRACE1 Sample Name: AD635942/EBLK Operator: SW
Run Time: 06/20/06 18:51:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09808	.00016	H.09457	H.00405	.00051	H.77192	-.00011
SDev	.00393	.00227	.00007	.00001	.00000	.00361	.00003
%RSD	4.0086	1441.0	.07484	.25519	.44358	.46749	29.402
#1	.09530	.00176	H.09452	H.00405	.00051	H.76937	-.00009
#2	.10086	-.00145	H.09462	H.00406	.00051	H.77447	-.00013
Errors	LC Pass	LC Pass	LC High	LC High	LC Pass	LC High	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00015	.00127	.00204	.03814	H1.6838	H.20727	H.00324
SDev	.00025	.00058	.00027	.00001	.0226	.00141	.00006
%RSD	167.68	45.567	13.316	.01331	1.3429	.67889	1.9450
#1	.00003	.00169	.00223	.03815	H1.6679	H.20628	H.00329
#2	-.00033	.00086	.00185	.03814	H1.6998	H.20826	H.00320
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC High	LC High
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H836.00	.00184	.00227	.00277	.00260	-.00101	.00209
SDev	2.65	.00026	.00153	.00141	.00043	.00078	.00439
%RSD	.31675	13.954	67.551	50.789	16.413	77.095	209.87
#1	H834.13	.00202	.00336	.00177	.00230	-.00156	.00520
#2	H837.87	.00166	.00119	.00376	.00291	-.00046	-.00101
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00638	.00167	.00086	-.00531	.00083	H.01412	-.00293
SDev	.00150	.00042	.00014	.00124	.00053	.00113	.00000
%RSD	23.474	25.285	16.631	23.338	64.365	7.9855	.03321
#1	-.00744	.00137	.00076	-.00443	.00120	H.01333	-.00293
#2	-.00532	.00197	.00096	-.00618	.00045	H.01492	-.00293
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00109	.00111
SDev	.00010	.00098
%RSD	9.4463	88.242
#1	.00102	.00180
#2	.00117	.00042
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5848	--	--	--	--	--	--
SDev	5.621292	--	--	--	--	--	--
%RSD	.0961188	--	--	--	--	--	--
#1	5844	--	--	--	--	--	--
#2	5852	--	--	--	--	--	--

Analysis Report 06/20/06 07:00:53 PM page 1

Method: TRACE1 Sample Name: AD635935 Operator: SW
Run Time: 06/20/06 18:56:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2926	.00160	.21481	1.4895	.00122	772.04	.09896
SDev	.0013	.00094	.00003	.0029	.00000	.92	.00022
%RSD	.09763	58.846	.01335	.19167	.08678	.11858	.22009
#1	1.2934	.00093	.21479	1.4916	.00122	771.39	.09912
#2	1.2917	.00226	.21483	1.4875	.00122	772.69	.09881
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01483	.00153	.16226	1.0220	6.5662	13.512	2.3431
SDev	.00043	.00043	.00033	.0040	.0381	.010	.0024
%RSD	2.9243	28.250	.20154	.39455	.57988	.07387	.10168
#1	.01453	.00122	.16249	1.0192	6.5931	13.505	2.3447
#2	.01514	.00183	.16203	1.0249	6.5392	13.520	2.3414
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1108.7	.15197	.75826	.74874	.75191	-.00017	.02400
SDev	.2	.00037	.00213	.00243	.00091	.00276	.00229
%RSD	.01533	.24448	.28071	.32395	.12090	1604.8	9.5559
#1	H1108.6	.15223	.75977	.74703	.75127	-.00213	.02562
#2	H1108.8	.15171	.75676	.75046	.75255	.00178	.02238
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00108	-.00080	.03900	-.00314	.00254	H20.301	.00001
SDev	.00404	.00213	.00092	.00138	.00027	.008	.00026
%RSD	374.09	266.18	2.3458	43.948	10.709	.03857	3040.8
#1	-.00178	-.00230	.03964	-.00217	.00235	H20.296	-.00017
#2	.00394	.00070	.03835	-.00412	.00273	H20.307	.00019
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00052	-.00009
SDev	.00013	.00037
%RSD	24.327	420.19
#1	.00043	.00017
#2	.00061	-.00035
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5675	--	--	--	--	--	--
SDev	5.621637	--	--	--	--	--	--
%RSD	.0990540	--	--	--	--	--	--
#1	5671	--	--	--	--	--	--
#2	5679	--	--	--	--	--	--

Analysis Report 06/20/06 07:05:50 PM page 1

Method: TRACE1 Sample Name: AD635935/L (1:5) Operator: SW
Run Time: 06/20/06 19:00:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.28824	-.00016	.04288	.30348	.00056	153.82	.02060
SDev	.00256	.00132	.00001	.00044	.00002	.23	.00001
%RSD	.88863	821.98	.03216	.14429	4.0572	.14878	.05177
#1	.29005	-.00110	.04287	.30379	.00058	153.98	.02059
#2	.28643	.00077	.04289	.30317	.00055	153.66	.02060
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00278	.00002	.03103	.20517	1.0890	2.8455	.47719
SDev	.00030	.00014	.00079	.00221	.0134	.0172	.00294
%RSD	10.757	931.09	2.5334	1.0798	1.2295	.60470	.61522
#1	.00300	.00011	.03159	.20673	1.0985	2.8577	.47927
#2	.00257	-.00008	.03048	.20360	1.0795	2.8333	.47512
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	294.54	.03138	.15492	.15372	.15412	-.00193	.00451
SDev	1.06	.00042	.00235	.00160	.00029	.00053	.00230
%RSD	.36065	1.3495	1.5175	1.0424	.18552	27.264	50.981
#1	295.29	.03168	.15326	.15486	.15433	-.00231	.00614
#2	293.79	.03108	.15658	.15259	.15392	-.00156	.00289
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00034	-.00273	.00802	-.00058	.00118	4.2835	-.00152
SDev	.00184	.00171	.00049	.00001	.00000	.0315	.00199
%RSD	533.30	62.652	6.1521	1.5243	.21564	.73598	130.70
#1	.00095	-.00394	.00837	-.00059	.00118	4.3058	-.00293
#2	-.00164	-.00152	.00767	-.00057	.00118	4.2612	-.00012
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00080	.00080
SDev	.00004	.00031
%RSD	5.1693	38.761
#1	.00083	.00102
#2	.00077	.00058
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5952	--	--	--	--	--	--
SDev	18.66789	--	--	--	--	--	--
%RSD	.3136565	--	--	--	--	--	--
#1	5938	--	--	--	--	--	--
#2	5965	--	--	--	--	--	--

Analysis Report 06/20/06 07:10:46 PM page 1

Method: TRACE1 Sample Name: AD635935/PS Operator: SW
Run Time: 06/20/06 19:05:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3684	.99567	.20959	2.4133	.91363	763.62	1.0639
SDev	.0053	.00005	.00126	.0034	.00150	.18	.0015
%RSD	.38589	.00495	.60133	.14183	.16463	.02327	.13893
#1	1.3646	.99570	.21048	2.4157	.91469	763.75	1.0628
#2	1.3721	.99563	.20870	2.4109	.91257	763.50	1.0649
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.94863	.94029	1.1644	1.0006	6.6146	13.339	3.2191
SDev	.00098	.00036	.0061	.0039	.0456	.041	.0158
%RSD	.10388	.03875	.52518	.38558	.69008	.30888	.49134
#1	.94932	.94055	1.1688	1.0033	6.5823	13.368	3.2303
#2	.94793	.94004	1.1601	.99789	6.6468	13.310	3.2079
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1099.5	1.1833	1.7088	1.6849	1.6929	1.0347	1.0110
SDev	1.6	.0024	.0043	.0030	.0034	.0000	.0049
%RSD	.14859	.20520	.25199	.17926	.20371	.00242	.48282
#1	H1100.6	1.1851	1.7058	1.6828	1.6904	1.0347	1.0076
#2	H1098.3	1.1816	1.7119	1.6870	1.6953	1.0347	1.0145
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0382	1.0330	.04640	1.0199	.97501	H20.681	.00038
SDev	.0019	.0009	.00526	.0004	.00437	.114	.00025
%RSD	.18166	.08765	11.347	.03510	.44790	.55276	66.443
#1	1.0369	1.0336	.04268	1.0201	.97810	H20.762	.00055
#2	1.0395	1.0323	.05012	1.0196	.97192	H20.600	.00020
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	1.0402	1.0062
SDev	.0008	.0029
%RSD	.08125	.28658
#1	1.0408	1.0083
#2	1.0396	1.0042
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5674	--	--	--	--	--	--
SDev	3.075983	--	--	--	--	--	--
%RSD	.0542093	--	--	--	--	--	--
#1	5672	--	--	--	--	--	--
#2	5676	--	--	--	--	--	--

Analysis Report 06/20/06 07:15:42 PM page 1

Method: TRACE1 Sample Name: AD635936 Operator: SW
Run Time: 06/20/06 19:10:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.9770	.00412	.47018	1.8298	.00134	735.97	.09995
SDev	.0094	.00072	.00026	.0005	.00003	.60	.00050
%RSD	.18909	17.523	.05562	.02846	2.1771	.08107	.49893
#1	4.9704	.00361	.46999	1.8295	.00136	736.39	.10030
#2	4.9837	.00463	.47036	1.8302	.00132	735.54	.09959
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02171	.00883	.11519	6.1716	9.7171	16.875	2.6760
SDev	.00012	.00024	.00013	.0152	.0034	.012	.0026
%RSD	.53520	2.7615	.11646	.24681	.03537	.06845	.09818
#1	.02179	.00900	.11509	6.1609	9.7195	16.867	2.6742
#2	.02162	.00866	.11528	6.1824	9.7147	16.883	2.6779
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1118.2	.24603	1.7998	1.7716	1.7810	.00184	.05687
SDev	.7	.00004	.0020	.0008	.0012	.00035	.00469
%RSD	.06125	.01707	.11066	.04523	.06725	18.830	8.2542
#1	H1117.7	.24600	1.8012	1.7721	1.7818	.00208	.06019
#2	H1118.7	.24606	1.7984	1.7710	1.7801	.00159	.05355
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00304	.00428	.14661	-.00322	.00772	H31.530	.01978
SDev	.00061	.00083	.00046	.00164	.00016	.020	.00138
%RSD	20.163	19.303	.31124	50.776	2.0397	.06330	6.9577
#1	-.00347	.00486	.14629	-.00438	.00783	H31.516	.02075
#2	-.00260	.00369	.14694	-.00206	.00761	H31.544	.01881
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00129	.00483
SDev	.00029	.00056
%RSD	22.760	11.677
#1	.00150	.00523
#2	.00108	.00443
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5649	--	--	--	--	--	--
SDev	14.10657	--	--	--	--	--	--
%RSD	.2497346	--	--	--	--	--	--
#1	5639	--	--	--	--	--	--
#2	5659	--	--	--	--	--	--

Analysis Report 06/20/06 07:20:39 PM page 1

Method: TRACE1 Sample Name: AD635937 Operator: SW
Run Time: 06/20/06 19:15:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	14.762	.00922	.21999	.71944	.00160	789.78	.00210
SDev	.058	.00018	.00103	.00194	.00002	4.23	.00005
%RSD	.39572	1.9952	.46771	.26969	1.1363	.53564	2.5479
#1	14.721	.00909	.22071	.71806	.00159	786.79	.00206
#2	14.804	.00935	.21926	.72081	.00162	792.77	.00213
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01708	.01950	.15328	14.243	15.778	19.213	3.0114
SDev	.00012	.00063	.00010	.035	.050	.072	.0097
%RSD	.70992	3.2367	.06761	.24870	.31955	.37427	.32103
#1	.01699	.01995	.15321	14.218	15.742	19.162	3.0046
#2	.01716	.01906	.15336	14.268	15.813	19.264	3.0183
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1061.4	.02861	.45090	.44678	.44815	.00010	.00472
SDev	2.7	.00003	.00148	.00421	.00330	.00113	.00163
%RSD	.25618	.09039	.32879	.94213	.73663	1130.3	34.590
#1	H1059.4	.02863	.44985	.44380	.44582	-.00070	.00587
#2	H1063.3	.02859	.45195	.44975	.45049	.00090	.00356
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00183	.00106	.29795	-.00191	.02223	.36105	.00406
SDev	.00183	.00261	.00252	.00035	.00069	.00101	.00027
%RSD	100.24	245.25	.84572	18.343	3.1282	.28060	6.7431
#1	-.00053	-.00078	.29616	-.00216	.02174	.36034	.00386
#2	-.00312	.00291	.29973	-.00166	.02272	.36177	.00425
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00070	.00303
SDev	.00017	.00095
%RSD	23.745	31.215
#1	.00081	.00236
#2	.00058	.00370
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5796	--	--	--	--	--	--
SDev	7.000288	--	--	--	--	--	--
%RSD	.1207873	--	--	--	--	--	--
#1	5800	--	--	--	--	--	--
#2	5791	--	--	--	--	--	--

Analysis Report 06/20/06 07:25:36 PM page 1

Method: TRACE1 Sample Name: AD635937/L (1:5) Operator: SW
Run Time: 06/20/06 19:20:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.6097	.00243	.04841	.15176	.00062	161.66	.00034
SDev	.0465	.00038	.00172	.00165	.00004	1.56	.00007
%RSD	1.2889	15.597	3.5442	1.0851	6.1313	.96217	20.019
#1	3.6426	.00216	.04963	.15292	.00065	162.76	.00039
#2	3.5768	.00270	.04720	.15059	.00059	160.56	.00029
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00357	.00444	.03009	3.1029	2.8821	4.2261	.63478
SDev	.00036	.00029	.00057	.0282	.0425	.0470	.00718
%RSD	10.129	6.6097	1.9012	.90953	1.4734	1.1115	1.1314
#1	.00331	.00464	.03050	3.1229	2.9121	4.2593	.63986
#2	.00382	.00423	.02969	3.0830	2.8521	4.1928	.62970
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	285.27	.00661	.09227	.09589	.09468	-.00480	.00393
SDev	1.82	.00069	.00169	.00193	.00072	.00180	.00387
%RSD	.63801	10.443	1.8273	2.0101	.76488	37.424	98.616
#1	286.56	.00612	.09346	.09453	.09417	-.00607	.00119
#2	283.99	.00710	.09107	.09725	.09519	-.00353	.00666
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00728	-.00356	.10316	-.00100	.00565	.07756	-.00141
SDev	.00157	.00191	.00662	.00098	.00026	.00060	.00226
%RSD	21.499	53.737	6.4195	97.474	4.6385	.77524	160.65
#1	-.00839	-.00491	.10785	-.00169	.00546	.07799	.00019
#2	-.00618	-.00220	.09848	-.00031	.00583	.07714	-.00301
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00044	.00060
SDev	.00037	.00039
%RSD	84.476	64.615
#1	.00018	.00033
#2	.00070	.00088
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5974	--	--	--	--	--	--
SDev	3.181981	--	--	--	--	--	--
%RSD	.0532594	--	--	--	--	--	--
#1	5972	--	--	--	--	--	--
#2	5977	--	--	--	--	--	--

Analysis Report 06/20/06 07:30:32 PM page 1

Method: TRACE1 Sample Name: AD635937/PS Operator: SW
Run Time: 06/20/06 19:25:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.590	.98573	.21977	1.6584	.92034	791.89	.94163
SDev	.072	.00370	.00241	.0014	.00252	1.55	.00004
%RSD	.46371	.37564	1.0965	.08600	.27371	.19563	.00385
#1	15.641	.98311	.22147	1.6574	.91856	792.99	.94166
#2	15.539	.98834	.21806	1.6594	.92213	790.80	.94161
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.93508	.94504	1.1493	14.296	16.281	19.283	3.9149
SDev	.00201	.00224	.0007	.047	.102	.006	.0091
%RSD	.21554	.23736	.05965	.32605	.62754	.03342	.23260
#1	.93365	.94345	1.1488	14.263	16.353	19.288	3.9084
#2	.93650	.94662	1.1498	14.329	16.209	19.279	3.9213
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1062.6	1.0417	1.3803	1.3647	1.3698	1.0030	.92169
SDev	.0	.0039	.0025	.0020	.0005	.0003	.00332
%RSD	.00028	.37148	.18405	.14860	.03698	.03029	.36045
#1	H1062.6	1.0444	1.3821	1.3632	1.3695	1.0028	.92404
#2	H1062.6	1.0389	1.3785	1.3661	1.3702	1.0032	.91934
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0163	.99638	.33614	.99373	.98890	1.2547	.00477
SDev	.0012	.00106	.01052	.01090	.00152	.0027	.00057
%RSD	.11988	.10688	3.1291	1.0965	.15410	.21292	11.875
#1	1.0172	.99563	.34358	.98602	.98782	1.2528	.00517
#2	1.0154	.99714	.32871	1.0014	.98998	1.2566	.00437
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	1.0231	1.0014
SDev	.0026	.0146
%RSD	.25426	1.4531
#1	1.0249	.99115
#2	1.0213	1.0117
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5737	--	--	--	--	--	--
SDev	12.40959	--	--	--	--	--	--
%RSD	.2163145	--	--	--	--	--	--
#1	5728	--	--	--	--	--	--
#2	5746	--	--	--	--	--	--

Analysis Report 06/20/06 07:35:29 PM page 1

Method: TRACE1 Sample Name: AD635938/MS Operator: SW
Run Time: 06/20/06 19:30:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	14.706	.96117	.21660	1.5585	.86981	796.48	.90183
SDev	.054	.00095	.00141	.0005	.00448	2.81	.00141
%RSD	.37054	.09866	.65244	.03414	.51488	.35231	.15649
#1	14.745	.96184	.21760	1.5582	.86664	798.46	.90283
#2	14.668	.96050	.21560	1.5589	.87298	794.49	.90083
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.89588	.91121	1.1366	13.715	15.299	18.931	3.8767
SDev	.00265	.00316	.0025	.056	.208	.029	.0270
%RSD	.29521	.34710	.21864	.40538	1.3608	.15458	.69698
#1	.89401	.90897	1.1348	13.675	15.446	18.911	3.8576
#2	.89775	.91344	1.1383	13.754	15.152	18.952	3.8958
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1069.5	.91690	1.3547	1.3335	1.3405	.96869	.75427
SDev	.7	.00184	.0072	.0001	.0024	.00484	.00377
%RSD	.06253	.20012	.53073	.00373	.17613	.49918	.49960
#1	H1069.0	.91561	1.3598	1.3335	1.3422	.97211	.75160
#2	H1069.9	.91820	1.3496	1.3335	1.3389	.96527	.75693
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97647	.96482	.27074	.95755	.94827	1.1949	.00415
SDev	.00093	.00772	.00788	.00202	.00476	.0059	.00073
%RSD	.09525	.79999	2.9087	.21115	.50188	.49419	17.688
#1	.97581	.97028	.27631	.95612	.94490	1.1907	.00363
#2	.97713	.95936	.26518	.95898	.95163	1.1991	.00467
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.99746	.90448
SDev	.00231	.01043
%RSD	.23143	1.1533
#1	.99909	.89711
#2	.99582	.91186
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5641	--	--	--	--	--	--
SDev	26.62250	--	--	--	--	--	--
%RSD	.4719485	--	--	--	--	--	--
#1	5622	--	--	--	--	--	--
#2	5660	--	--	--	--	--	--

Analysis Report 06/20/06 07:40:25 PM page 1

Method: TRACE1 Sample Name: AD635939/SD Operator: SW
Run Time: 06/20/06 19:35:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	14.967	.97327	.21931	1.5700	.88290	H803.53	.91100
SDev	.024	.00282	.00159	.0010	.00015	3.88	.00060
%RSD	.15970	.28929	.72411	.06678	.01743	.48312	.06574
#1	14.950	.97526	.22043	1.5707	.88301	H800.79	.91057
#2	14.984	.97128	.21818	1.5692	.88279	H806.28	.91142
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.90727	.92500	1.1545	13.949	15.498	19.164	3.9410
SDev	.00046	.00197	.0014	.003	.016	.023	.0040
%RSD	.05035	.21315	.11914	.02460	.10555	.11912	.10082
#1	.90695	.92639	1.1535	13.947	15.509	19.147	3.9382
#2	.90760	.92360	1.1554	13.952	15.486	19.180	3.9438
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1078.7	.92630	1.3706	1.3444	1.3531	.98220	.76373
SDev	.2	.00145	.0004	.0002	.0002	.00944	.00148
%RSD	.02255	.15686	.02685	.01315	.01776	.96131	.19341
#1	H1078.6	.92527	1.3703	1.3442	1.3529	.98888	.76477
#2	H1078.9	.92733	1.3708	1.3445	1.3533	.97553	.76269
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99140	.97762	.29538	.97148	.96353	1.2139	.00533
SDev	.00471	.01181	.00910	.00623	.00199	.0018	.00241
%RSD	.47530	1.2077	3.0809	.64163	.20677	.14732	45.314
#1	.99473	.98597	.30182	.96707	.96213	1.2126	.00703
#2	.98807	.96927	.28895	.97589	.96494	1.2152	.00362
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	1.0085	.92828
SDev	.0016	.00023
%RSD	.15757	.02480
#1	1.0074	.92844
#2	1.0097	.92811
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5655	--	--	--	--	--	--
SDev	10.92459	--	--	--	--	--	--
%RSD	.1931924	--	--	--	--	--	--
#1	5647	--	--	--	--	--	--
#2	5662	--	--	--	--	--	--

Analysis Report QC Standard 06/20/06 07:46:41 PM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 06/20/06 19:41:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.957	.47594	.46355	.48140	.47885	24.749	.48053
SDev	.094	.00241	.00061	.00093	.00033	.058	.00106
%RSD	.37697	.50586	.13120	.19322	.06839	.23504	.22143
#1	25.024	.47764	.46398	.48206	.47908	24.790	.48128
#2	24.891	.47424	.46312	.48075	.47862	24.708	.47977
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48116	.48594	.50488	24.553	25.270	24.457	.49394
SDev	.00087	.00016	.00227	.033	.073	.064	.00108
%RSD	.18091	.03312	.44873	.13520	.28969	.26160	.21952
#1	.48178	.48582	.50648	24.577	25.322	24.502	.49471
#2	.48054	.48605	.50327	24.530	25.219	24.411	.49317
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.540	.48916	.48478	.47590	.47886	.49980	.48467
SDev	.069	.00227	.00046	.00142	.00110	.00161	.00118
%RSD	.28136	.46452	.09394	.29839	.22946	.32296	.24314
#1	24.589	.49076	.48446	.47490	.47808	.49866	.48384
#2	24.492	.48755	.48510	.47691	.47964	.50094	.48550
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49671	.50135	.49743	.51272	.49323	.46699	.49575
SDev	.00570	.00043	.00064	.00002	.00035	.00214	.00079
%RSD	1.1472	.08533	.12968	.00400	.07152	.45731	.15983
#1	.49268	.50165	.49788	.51270	.49348	.46850	.49631
#2	.50073	.50105	.49697	.51273	.49298	.46548	.49519
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.48620	.48554
SDev	.00081	.00163
%RSD	.16581	.33515
#1	.48677	.48439
#2	.48563	.48669
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5986	--	--	--	--	--	--
SDev	18.45556	--	--	--	--	--	--
%RSD	.3082862	--	--	--	--	--	--
#1	5973	--	--	--	--	--	--
#2	6000	--	--	--	--	--	--

Analysis Report Blank Sample 06/20/06 07:51:37 PM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 06/20/06 19:46:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05306	.00247	.00177	.00017	.00045	.02842	.00017
SDev	.00255	.00112	.00069	.00007	.00003	.00078	.00012
%RSD	4.8081	45.477	39.104	41.211	6.1732	2.7376	73.963
#1	.05486	.00326	.00128	.00022	.00047	.02897	.00008
#2	.05125	.00167	.00226	.00012	.00043	.02787	.00025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	.00014	-.00010	.01234	.05020	.02472	.00013
SDev	.00022	.00007	.00018	.00634	.01264	.00265	.00003
%RSD	185.60	51.781	176.76	51.340	25.176	10.716	23.612
#1	-.00004	.00019	.00003	.00786	.05914	.02660	.00015
#2	.00027	.00009	-.00023	.01682	.04127	.02285	.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02259	-.00015	-.00142	.00093	.00015	-.00612	.00606
SDev	.04110	.00005	.00285	.00090	.00155	.00479	.00227
%RSD	181.92	36.246	200.55	96.939	1050.8	78.150	37.484
#1	.00647	-.00011	-.00344	.00029	-.00095	-.00274	.00767
#2	-.05165	-.00018	.00059	.00157	.00124	-.00951	.00445
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00609	-.00614	.00013	-.00224	.00063	.00048	-.00088
SDev	.00163	.00636	.00001	.00015	.00000	.00014	.00149
%RSD	26.819	103.58	8.0001	6.8494	.17815	29.177	168.89
#1	-.00493	-.00164	.00012	-.00213	.00063	.00058	.00017
#2	-.00724	-.01064	.00013	-.00235	.00063	.00038	-.00194
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00137	.00130
SDev	.00024	.00164
%RSD	17.646	126.25
#1	.00120	.00246
#2	.00154	.00014
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6034	--	--	--	--	--	--
SDev	16.01590	--	--	--	--	--	--
%RSD	.2654485	--	--	--	--	--	--
#1	6022	--	--	--	--	--	--
#2	6045	--	--	--	--	--	--

Analysis Report 06/20/06 07:56:34 PM page 1

Method: TRACE1 Sample Name: AD635940 Operator: SW
Run Time: 06/20/06 19:51:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10228	.00202	.14296	1.4377	.00120	761.31	.05025
SDev	.00172	.00022	.00036	.0021	.00002	.13	.00036
%RSD	1.6811	10.866	.25031	.14753	1.8293	.01704	.70800
#1	.10106	.00218	.14271	1.4392	.00121	761.41	.05050
#2	.10350	.00187	.14321	1.4362	.00118	761.22	.05000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05875	-.00021	.02835	.18079	7.2954	14.082	4.7595
SDev	.00059	.00000	.00018	.00224	.0281	.018	.0019
%RSD	1.0104	.92642	.65400	1.2367	.38560	.12764	.03916
#1	.05833	-.00021	.02848	.17921	7.3153	14.094	4.7608
#2	.05917	-.00021	.02822	.18237	7.2755	14.069	4.7581
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1135.5	.18215	.12441	.12395	.12410	.00248	.01184
SDev	2.2	.00004	.00140	.00008	.00052	.00205	.00081
%RSD	.19780	.02163	1.1225	.06662	.41909	83.004	6.8314
#1	H1137.1	.18218	.12539	.12401	.12447	.00393	.01241
#2	H1134.0	.18213	.12342	.12389	.12374	.00102	.01127
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00083	.00413	.00136	-.00239	.00095	1.0358	-.00080
SDev	.00150	.00233	.00005	.00009	.00014	.0003	.00132
%RSD	180.05	56.536	3.7820	3.6725	14.553	.02962	165.90
#1	.00023	.00578	.00139	-.00245	.00085	1.0360	-.00173
#2	-.00189	.00248	.00132	-.00233	.00104	1.0356	.00014
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00074	.01173
SDev	.00017	.00096
%RSD	23.479	8.1507
#1	.00062	.01105
#2	.00086	.01240
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5599	--	--	--	--	--	--
SDev	8.909615	--	--	--	--	--	--
%RSD	.1591272	--	--	--	--	--	--
#1	5593	--	--	--	--	--	--
#2	5605	--	--	--	--	--	--

Analysis Report 06/20/06 08:01:30 PM page 1

Method: TRACE1 Sample Name: AD635941 Operator: SW
Run Time: 06/20/06 19:56:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5358	.00275	.22374	.71035	.00134	656.33	.01808
SDev	.0017	.00126	.00204	.00004	.00002	.12	.00005
%RSD	.06760	45.785	.91182	.00585	1.2045	.01800	.27548
#1	2.5346	.00186	.22518	.71032	.00132	656.24	.01804
#2	2.5370	.00364	.22230	.71038	.00135	656.41	.01811
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01233	.00531	.37075	3.4612	7.5072	24.104	1.8313
SDev	.00047	.00021	.00030	.0030	.0288	.033	.0008
%RSD	3.8500	3.8842	.08008	.08736	.38396	.13750	.04095
#1	.01199	.00516	.37096	3.4633	7.5276	24.128	1.8308
#2	.01266	.00545	.37054	3.4590	7.4868	24.081	1.8319
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1087.4	.02871	.17658	.17462	.17528	-.00011	.01164
SDev	.1	.00014	.00070	.00138	.00069	.00414	.00143
%RSD	.01362	.48539	.39466	.79247	.39421	3907.0	12.251
#1	H1087.5	.02881	.17708	.17364	.17479	-.00303	.01265
#2	H1087.3	.02862	.17609	.17560	.17576	.00282	.01063
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00496	-.00264	.07075	-.00396	.00542	.59350	.00615
SDev	.00231	.00506	.00085	.00144	.00000	.00008	.00025
%RSD	46.467	191.52	1.1960	36.505	.07612	.01327	4.1230
#1	.00333	-.00622	.07016	-.00293	.00542	.59355	.00633
#2	.00659	.00094	.07135	-.00498	.00542	.59344	.00597
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00695	.00534
SDev	.00006	.00014
%RSD	.87472	2.6911
#1	.00699	.00524
#2	.00691	.00544
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5624	--	--	--	--	--	--
SDev	4.878968	--	--	--	--	--	--
%RSD	.0867603	--	--	--	--	--	--
#1	5627	--	--	--	--	--	--
#2	5620	--	--	--	--	--	--

Analysis Report 06/20/06 08:07:47 PM page 1

Method: TRACE1 Sample Name: AD636035/PB Operator: SW
Run Time: 06/20/06 20:02:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05193	-.00080	.00582	.00014	.00022	.06360	-.00002
SDev	.00065	.00159	.00005	.00000	.00001	.00408	.00010
%RSD	1.2587	198.06	.85164	.97491	3.8576	6.4198	419.44
#1	.05240	-.00192	.00579	.00014	.00023	.06649	-.00010
#2	.05147	.00032	.00586	.00014	.00022	.06071	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	-.00014	-.00026	.01732	.03518	.00180	.00010
SDev	.00017	.00000	.00015	.00082	.00557	.00256	.00006
%RSD	579.28	2.2672	58.243	4.7150	15.824	141.97	57.045
#1	.00009	-.00013	-.00015	.01790	.03911	-.00001	.00014
#2	-.00015	-.00014	-.00037	.01675	.03124	.00362	.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07230	.00024	-.00098	.00169	.00080	-.00283	.00190
SDev	.02907	.00073	.00182	.00092	.00122	.00041	.00200
%RSD	40.202	301.73	185.19	54.711	153.17	14.604	105.56
#1	.05174	.00076	-.00227	.00103	-.00007	-.00254	.00332
#2	.09285	-.00028	.00030	.00234	.00166	-.00313	.00048
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00405	-.00223	-.00015	-.00248	.00090	.00212	-.00091
SDev	.00300	.00088	.00004	.00145	.00013	.00028	.00099
%RSD	74.073	39.397	25.963	58.415	14.508	13.327	108.40
#1	-.00193	-.00285	-.00018	-.00350	.00099	.00232	-.00021
#2	-.00616	-.00161	-.00012	-.00145	.00080	.00192	-.00162
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00120	.00028
SDev	.00017	.00021
%RSD	14.145	73.821
#1	.00108	.00014
#2	.00132	.00043
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6088	--	--	--	--	--	--
SDev	22.38021	--	--	--	--	--	--
%RSD	.3676223	--	--	--	--	--	--
#1	6072	--	--	--	--	--	--
#2	6104	--	--	--	--	--	--

Analysis Report 06/20/06 08:12:43 PM page 1

Method: TRACE1 Sample Name: AD636034/FB Operator: SW
Run Time: 06/20/06 20:07:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9834	.19425	.19126	.19681	.19065	9.6414	.19943
SDev	.0439	.00070	.00062	.00019	.00025	.0281	.00021
%RSD	.44012	.35885	.32407	.09454	.13325	.29188	.10610
#1	10.015	.19376	.19170	.19694	.19047	9.6613	.19928
#2	9.9524	.19474	.19082	.19668	.19083	9.6215	.19958
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19300	.19712	.20412	9.8681	10.420	9.6372	.19075
SDev	.00063	.00044	.00082	.0236	.006	.0336	.00054
%RSD	.32610	.22310	.40182	.23940	.06162	.34822	.28234
#1	.19345	.19681	.20470	9.8848	10.425	9.6609	.19113
#2	.19256	.19743	.20354	9.8514	10.416	9.6135	.19037
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9142	.20016	.19307	.19117	.19181	.19312	.19752
SDev	.0108	.00129	.00358	.00039	.00145	.00348	.00300
%RSD	.10939	.64382	1.8526	.20393	.75657	1.8035	1.5182
#1	9.9065	.20107	.19560	.19145	.19283	.19558	.19964
#2	9.9219	.19925	.19055	.19090	.19078	.19066	.19540
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	11.500	.23000			.23000	.23000	.23000
Low	8.5000	.17000			.17000	.17000	.17000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19275	.19330	.19355	.20576	.19607	.18646	.19866
SDev	.00036	.00504	.00044	.00257	.00089	.00034	.00371
%RSD	.18775	2.6090	.22729	1.2483	.45602	.18392	1.8678
#1	.19300	.19687	.19386	.20394	.19670	.18622	.19603
#2	.19249	.18974	.19324	.20757	.19543	.18670	.20128
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.23000	.23000	.23000	.23000	.23000
Low			.17000	.17000	.17000	.17000	.17000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.04962	.19613
SDev	.00040	.00245
%RSD	.81677	1.2497
#1	.04991	.19440
#2	.04933	.19787
Errors	LC Pass	NOCHECK
High	.05750	
Low	.04250	

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6131	--	--	--	--	--	--
SDev	20.04655	--	--	--	--	--	--
%RSD	.3269769	--	--	--	--	--	--
#1	6117	--	--	--	--	--	--
#2	6145	--	--	--	--	--	--

Analysis Report 06/20/06 08:17:40 PM page 1

Method: TRACE1 Sample Name: AD636016 Operator: SW
Run Time: 06/20/06 20:12:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05446	.00076	.21171	.09680	.00046	96.727	.00004
SDev	.00108	.00034	.00082	.00001	.00003	.131	.00006
%RSD	1.9866	44.207	.38721	.01336	6.5876	.13571	179.07
#1	.05369	.00052	.21229	.09679	.00048	96.634	-.00001
#2	.05522	.00100	.21113	.09681	.00044	96.820	.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	-.00057	.00006	4.4473	2.7976	41.253	.13069
SDev	.00013	.00010	.00034	.0096	.0115	.002	.00024
%RSD	87.801	18.301	621.51	.21504	.41153	.00592	.18132
#1	.00006	-.00050	.00030	4.4541	2.7895	41.254	.13052
#2	.00025	-.00064	-.00019	4.4405	2.8058	41.251	.13085
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	97.899	.00009	.00012	.00165	.00114	-.00670	-.00216
SDev	.245	.00053	.00077	.00059	.00014	.00247	.00049
%RSD	.25000	573.01	662.63	35.680	11.899	36.888	22.840
#1	97.726	-.00028	.00066	.00124	.00105	-.00495	-.00181
#2	98.072	.00046	-.00043	.00207	.00124	-.00845	-.00251
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00690	-.00660	.00027	-.00114	.00035	.00405	-.00397
SDev	.00653	.00044	.00000	.00253	.00000	.00013	.00251
%RSD	94.624	6.6895	.11266	221.28	.03197	3.2802	63.138
#1	-.00228	-.00629	.00027	-.00293	.00035	.00396	-.00220
#2	-.01152	-.00691	.00027	.00065	.00035	.00415	-.00575
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00145	.01022
SDev	.00011	.00076
%RSD	7.2966	7.4698
#1	.00137	.01076
#2	.00152	.00968
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5938	--	--	--	--	--	--
SDev	10.60660	--	--	--	--	--	--
%RSD	.1786210	--	--	--	--	--	--
#1	5931	--	--	--	--	--	--
#2	5946	--	--	--	--	--	--

Analysis Report 06/20/06 08:22:36 PM page 1

Method: TRACE1 Sample Name: AD636016/L (1:5) Operator: SW
Run Time: 06/20/06 20:17:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03535	.00065	.04160	.01938	.00032	19.551	.00005
SDev	.00202	.00090	.00038	.00003	.00003	.047	.00003
%RSD	5.7165	138.85	.91811	.12681	10.634	.23809	52.822
#1	.03678	.00129	.04133	.01940	.00034	19.584	.00007
#2	.03392	.00001	.04187	.01936	.00030	19.518	.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00000	-.00004	-.00086	.91060	.55019	8.3080	.02635
SDev	.00007	.00040	.00001	.00596	.01091	.0095	.00002
%RSD	2437.9	1075.6	.70623	.65504	1.9838	.11429	.06063
#1	.00005	-.00032	-.00086	.91481	.54247	8.3147	.02634
#2	-.00005	.00025	-.00085	.90638	.55790	8.3013	.02636
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.184	-.00038	.00062	.00059	.00060	-.00061	.00079
SDev	.120	.00001	.00013	.00061	.00045	.00154	.00081
%RSD	.62351	2.8140	21.696	104.15	75.719	253.17	102.39
#1	19.268	-.00037	.00052	.00015	.00028	.00048	.00136
#2	19.099	-.00039	.00071	.00102	.00092	-.00170	.00022
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00145	-.00019	-.00030	-.00087	.00043	.00129	-.00263
SDev	.00107	.00178	.00014	.00156	.00026	.00041	.00147
%RSD	73.953	935.48	44.410	178.10	60.532	31.423	55.891
#1	-.00069	.00107	-.00021	-.00197	.00061	.00101	-.00367
#2	-.00220	-.00145	-.00040	.00023	.00024	.00158	-.00159
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00097	.00262
SDev	.00041	.00003
%RSD	41.677	1.0379
#1	.00069	.00260
#2	.00126	.00263
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6045	--	--	--	--	--	--
SDev	29.27415	--	--	--	--	--	--
%RSD	.4842585	--	--	--	--	--	--
#1	6024	--	--	--	--	--	--
#2	6066	--	--	--	--	--	--

Analysis Report 06/20/06 08:27:33 PM page 1

Method: TRACE1 Sample Name: AD636016/PS Operator: SW
Run Time: 06/20/06 20:22:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.8529	.20112	.39581	.29301	.19443	104.14	.19917
SDev	.0276	.00029	.00166	.00054	.00017	.24	.00000
%RSD	.28061	.14515	.41965	.18490	.08940	.23356	.00157
#1	9.8724	.20091	.39698	.29339	.19455	104.31	.19917
#2	9.8333	.20132	.39463	.29263	.19430	103.97	.19918
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19416	.19772	.20402	14.499	13.694	50.131	.32344
SDev	.00029	.00037	.00136	.008	.016	.127	.00080
%RSD	.15058	.18765	.66492	.05552	.11900	.25347	.24664
#1	.19437	.19798	.20498	14.505	13.705	50.221	.32400
#2	.19395	.19746	.20306	14.494	13.682	50.041	.32287
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	104.68	.19703	.19588	.19196	.19326	.20643	.20494
SDev	.19	.00058	.00164	.00033	.00077	.00203	.00123
%RSD	.18378	.29602	.83798	.17385	.39800	.98381	.59860
#1	104.82	.19745	.19704	.19219	.19381	.20499	.20407
#2	104.54	.19662	.19472	.19172	.19272	.20786	.20580
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20203	.20862	.19835	.20635	.20122	.18890	.19975
SDev	.00619	.00005	.00034	.00112	.00075	.00084	.00060
%RSD	3.0633	.02311	.17215	.54144	.37143	.44647	.29975
#1	.19766	.20866	.19860	.20714	.20175	.18830	.19933
#2	.20641	.20859	.19811	.20556	.20069	.18949	.20017
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05041	.20909
SDev	.00034	.00189
%RSD	.68138	.90630
#1	.05017	.20775
#2	.05066	.21043
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6017	--	--	--	--	--	--
SDev	26.19851	--	--	--	--	--	--
%RSD	.4354064	--	--	--	--	--	--
#1	5998	--	--	--	--	--	--
#2	6036	--	--	--	--	--	--

Analysis Report 06/20/06 08:32:30 PM page 1

Method: TRACE1 Sample Name: AD636017/MS Operator: SW
Run Time: 06/20/06 20:27:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.294	.20316	.40094	.29557	.19481	106.76	.20343
SDev	.043	.00119	.00257	.00079	.00046	.44	.00036
%RSD	.41444	.58385	.64043	.26637	.23543	.40956	.17459
#1	10.325	.20233	.40276	.29612	.19514	107.07	.20368
#2	10.264	.20400	.39912	.29501	.19449	106.45	.20318
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19535	.20092	.20814	14.617	13.846	50.974	.32726
SDev	.00122	.00034	.00028	.048	.009	.194	.00097
%RSD	.62483	.16771	.13712	.32637	.06282	.38073	.29478
#1	.19621	.20116	.20834	14.651	13.852	51.111	.32794
#2	.19449	.20068	.20794	14.583	13.839	50.837	.32658
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	107.02	.20274	.19561	.19193	.19315	.20028	.20794
SDev	.18	.00057	.00109	.00377	.00215	.00227	.00146
%RSD	.17213	.28032	.55826	1.9634	1.1130	1.1339	.69997
#1	107.15	.20314	.19483	.19459	.19467	.20188	.20691
#2	106.89	.20234	.19638	.18926	.19163	.19867	.20897
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20398	.19843	.19945	.20821	.20242	.18961	.20463
SDev	.00148	.00267	.00097	.00328	.00097	.00142	.00225
%RSD	.72563	1.3437	.48687	1.5758	.47682	.74983	1.0989
#1	.20502	.20031	.20013	.21053	.20310	.19062	.20622
#2	.20293	.19654	.19876	.20589	.20174	.18861	.20304
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05135	.21134
SDev	.00025	.00132
%RSD	.49470	.62622
#1	.05153	.21228
#2	.05117	.21041
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6038	--	--	--	--	--	--
SDev	36.48678	--	--	--	--	--	--
%RSD	.6042608	--	--	--	--	--	--
#1	6012	--	--	--	--	--	--
#2	6064	--	--	--	--	--	--

Analysis Report 06/20/06 08:37:26 PM page 1

Method: TRACE1 Sample Name: AD636018/SD Operator: SW
Run Time: 06/20/06 20:32:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.210	.19874	.39803	.29291	.19346	105.22	.20129
SDev	.010	.00214	.00100	.00066	.00081	.28	.00121
%RSD	.09838	1.0758	.25167	.22675	.41794	.26498	.59954
#1	10.217	.20025	.39732	.29338	.19403	105.42	.20214
#2	10.203	.19723	.39874	.29244	.19288	105.02	.20044
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19413	.19884	.20574	14.447	13.708	50.350	.32369
SDev	.00149	.00102	.00030	.072	.010	.145	.00082
%RSD	.76758	.51162	.14608	.50086	.07238	.28741	.25251
#1	.19518	.19956	.20595	14.498	13.715	50.452	.32427
#2	.19307	.19812	.20553	14.396	13.701	50.247	.32311
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	105.61	.20099	.19471	.19141	.19251	.19711	.20679
SDev	.01	.00035	.00048	.00136	.00107	.00511	.00279
%RSD	.00779	.17355	.24468	.71233	.55482	2.5950	1.3499
#1	105.61	.20124	.19505	.19237	.19326	.20072	.20482
#2	105.60	.20074	.19438	.19045	.19175	.19349	.20877
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19674	.19729	.19735	.20751	.20019	.18742	.20302
SDev	.00350	.00592	.00045	.00436	.00067	.00000	.00227
%RSD	1.7790	3.0018	.22890	2.1035	.33640	.00041	1.1167
#1	.19922	.20148	.19767	.20443	.20066	.18742	.20462
#2	.19427	.19311	.19703	.21060	.19971	.18742	.20141
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05149	.21078
SDev	.00048	.00059
%RSD	.93966	.28106
#1	.05184	.21036
#2	.05115	.21120
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6065	--	--	--	--	--	--
SDev	8.803617	--	--	--	--	--	--
%RSD	.1451646	--	--	--	--	--	--
#1	6058	--	--	--	--	--	--
#2	6071	--	--	--	--	--	--

Analysis Report 06/20/06 08:42:23 PM page 1

Method: TRACE1 Sample Name: AD636019 Operator: SW
Run Time: 06/20/06 20:37:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06544	.00084	.02148	.01764	.00038	46.684	.00002
SDev	.00040	.00001	.00035	.00001	.00003	.073	.00008
%RSD	.61538	1.6486	1.6099	.05022	7.9580	.15637	425.49
#1	.06572	.00085	.02172	.01764	.00040	46.736	-.00004
#2	.06515	.00083	.02123	.01765	.00036	46.633	.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	.00160	.00044	.04046	2.7799	17.357	.00264
SDev	.00000	.00011	.00037	.00015	.0265	.014	.00007
%RSD	18.534	7.0461	83.961	.36932	.95161	.08198	2.6421
#1	-.00002	.00168	.00069	.04056	2.7986	17.367	.00269
#2	-.00001	.00152	.00018	.04035	2.7612	17.347	.00259
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	29.344	.00056	.00025	.00237	.00166	-.00234	.00293
SDev	.078	.00051	.00035	.00080	.00065	.00126	.00126
%RSD	.26601	91.501	137.15	33.713	38.988	53.950	42.769
#1	29.289	.00092	.00001	.00180	.00121	-.00144	.00205
#2	29.399	.00020	.00050	.00293	.00212	-.00323	.00382
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00191	-.00255	.00072	-.00123	.00081	.00331	-.00193
SDev	.00121	.00128	.00016	.00182	.00026	.00026	.00050
%RSD	63.474	50.383	22.120	148.22	31.563	7.8936	26.057
#1	-.00105	-.00164	.00083	.00006	.00063	.00313	-.00158
#2	-.00277	-.00346	.00060	-.00252	.00099	.00350	-.00229
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00122	.00066
SDev	.00002	.00065
%RSD	1.7154	98.804
#1	.00120	.00112
#2	.00123	.00020
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6044	--	--	--	--	--	--
SDev	25.56184	--	--	--	--	--	--
%RSD	.4229484	--	--	--	--	--	--
#1	6026	--	--	--	--	--	--
#2	6062	--	--	--	--	--	--

Analysis Report QC Standard 06/20/06 08:48:40 PM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 06/20/06 20:43:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.740	.47488	.47536	.47779	.47605	24.623	.48189
SDev	.176	.00251	.00124	.00146	.00118	.177	.00366
%RSD	.71007	.52954	.26108	.30504	.24866	.71862	.76032
#1	24.864	.47666	.47624	.47882	.47689	24.748	.48448
#2	24.616	.47310	.47449	.47676	.47521	24.498	.47930
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48068	.48435	.50271	24.444	25.098	24.292	.49344
SDev	.00130	.00172	.00285	.133	.132	.167	.00273
%RSD	.27008	.35468	.56730	.54374	.52445	.68653	.55306
#1	.48160	.48556	.50472	24.538	25.191	24.410	.49537
#2	.47976	.48313	.50069	24.350	25.005	24.175	.49151
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.407	.48548	.48303	.47587	.47826	.49183	.49390
SDev	.174	.00327	.00404	.00426	.00419	.00620	.00301
%RSD	.71242	.67404	.83617	.89575	.87571	1.2608	.60977
#1	24.530	.48779	.48589	.47888	.48122	.49621	.49603
#2	24.284	.48316	.48018	.47286	.47529	.48744	.49177
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49616	.48967	.49523	.50808	.49063	.47131	.50088
SDev	.00954	.00453	.00354	.00239	.00276	.00385	.00620
%RSD	1.9217	.92602	.71505	.47060	.56193	.81684	1.2375
#1	.50290	.49287	.49774	.50639	.49258	.47403	.50526
#2	.48942	.48646	.49273	.50977	.48868	.46859	.49650
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.48563	.48270
SDev	.00303	.00077
%RSD	.62491	.16040
#1	.48778	.48325
#2	.48349	.48216
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6041	--	--	--	--	--	--
SDev	38.71410	--	--	--	--	--	--
%RSD	.6408849	--	--	--	--	--	--
#1	6013	--	--	--	--	--	--
#2	6068	--	--	--	--	--	--

Analysis Report Blank Sample 06/20/06 08:53:37 PM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 06/20/06 20:48:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04183	-.00016	.00071	.00007	.00029	.00201	-.00007
SDev	.00010	.00087	.00012	.00004	.00000	.00652	.00001
%RSD	.22937	561.57	17.121	56.920	.34145	324.41	9.0893
#1	.04190	.00046	.00080	.00010	.00030	.00662	-.00006
#2	.04177	-.00077	.00062	.00004	.00029	-.00260	-.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	.00004	-.00045	.00841	-.00797	.00052	-.00002
SDev	.00053	.00024	.00000	.00075	.01405	.00065	.00000
%RSD	447.77	599.12	.18278	8.9615	176.16	125.31	1.0589
#1	-.00026	-.00013	-.00045	.00787	-.01791	.00098	-.00002
#2	.00050	.00021	-.00045	.00894	.00196	.00006	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.14515	-.00055	.00022	.00172	.00122	-.00346	.00274
SDev	.02969	.00021	.00111	.00017	.00026	.00182	.00207
%RSD	20.457	38.029	494.13	9.8999	20.954	52.744	75.417
#1	-.12416	-.00070	-.00056	.00184	.00104	-.00217	.00128
#2	-.16615	-.00040	.00101	.00160	.00140	-.00475	.00421
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00366	-.00336	-.00029	-.00091	.00036	.00067	-.00019
SDev	.00053	.00247	.00015	.00332	.00013	.00041	.00148
%RSD	14.408	73.610	52.127	364.52	36.189	61.403	766.16
#1	-.00328	-.00161	-.00018	.00144	.00045	.00097	.00085
#2	-.00403	-.00511	-.00039	-.00326	.00026	.00038	-.00124
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00034	.00118
SDev	.00074	.00146
%RSD	218.53	124.64
#1	-.00018	.00014
#2	.00086	.00221
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6040	--	--	--	--	--	--
SDev	6.363961	--	--	--	--	--	--
%RSD	.1053653	--	--	--	--	--	--
#1	6044	--	--	--	--	--	--
#2	6035	--	--	--	--	--	--

Analysis Report 06/20/06 08:58:34 PM page 1

Method: TRACE1 Sample Name: AD636020 Operator: SW
Run Time: 06/20/06 20:53:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.60834	.00246	.03481	.07089	.00031	39.247	-.00004
SDev	.00496	.00120	.00003	.00006	.00003	.056	.00008
%RSD	.81460	48.557	.08376	.08694	9.2974	.14210	217.82
#1	.61185	.00331	.03483	.07085	.00029	39.207	.00002
#2	.60484	.00162	.03479	.07093	.00033	39.286	-.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00272	.00123	.00144	4.5447	13.005	16.049	.06154
SDev	.00002	.00027	.00008	.0055	.013	.004	.00016
%RSD	.58745	22.259	5.4871	.12077	.10186	.02731	.25741
#1	.00273	.00142	.00149	4.5409	13.015	16.046	.06143
#2	.00271	.00104	.00138	4.5486	12.996	16.052	.06165
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	38.786	.00090	.00224	.00522	.00423	-.00436	-.00034
SDev	.003	.00015	.00155	.00177	.00066	.00042	.00371
%RSD	.00654	16.891	69.364	33.904	15.696	9.7010	1098.8
#1	38.788	.00080	.00333	.00397	.00376	-.00406	-.00296
#2	38.784	.00101	.00114	.00647	.00469	-.00466	.00229
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00366	-.00471	.01987	-.00100	.00625	.00399	-.00166
SDev	.00549	.00211	.00005	.00258	.00012	.00014	.00074
%RSD	150.07	44.782	.25686	258.13	1.9891	3.5330	44.554
#1	.00022	-.00621	.01991	-.00283	.00616	.00409	-.00218
#2	-.00754	-.00322	.01984	.00083	.00634	.00389	-.00114
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00078	.00102
SDev	.00015	.00039
%RSD	19.114	37.722
#1	.00088	.00075
#2	.00067	.00130
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6035	--	--	--	--	--	--
SDev	4.348638	--	--	--	--	--	--
%RSD	.0720513	--	--	--	--	--	--
#1	6032	--	--	--	--	--	--
#2	6039	--	--	--	--	--	--

Analysis Report 06/20/06 09:03:31 PM page 1

Method: TRACE1 Sample Name: AD636021 Operator: SW
Run Time: 06/20/06 20:58:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.27898	.00057	.03260	.05823	.00024	37.055	.00007
SDev	.00516	.00173	.00016	.00000	.00005	.176	.00012
%RSD	1.8496	303.60	.50520	.00628	18.438	.47392	183.78
#1	.28263	.00179	.03248	.05824	.00028	37.179	-.00002
#2	.27533	-.00065	.03272	.05823	.00021	36.931	.00016
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00138	.00060	.00066	2.2277	12.008	15.113	.03427
SDev	.00006	.00006	.00039	.0120	.012	.080	.00014
%RSD	4.5687	10.851	58.630	.54077	.09681	.52740	.40345
#1	.00134	.00055	.00039	2.2362	12.016	15.170	.03437
#2	.00142	.00065	.00094	2.2192	12.000	15.057	.03417
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	36.781	.00083	-.00040	.00149	.00086	-.00244	.00159
SDev	.166	.00006	.00079	.00121	.00107	.00236	.00164
%RSD	.45087	6.9192	198.43	81.702	124.75	97.043	102.97
#1	36.898	.00079	-.00095	.00063	.00010	-.00076	.00275
#2	36.664	.00088	.00016	.00234	.00162	-.00411	.00043
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00202	-.00265	.01139	-.00267	.00391	.00329	.00036
SDev	.00039	.00335	.00403	.00032	.00038	.00014	.00269
%RSD	19.313	126.62	35.407	12.161	9.6054	4.3518	745.32
#1	-.00174	-.00028	.00854	-.00244	.00365	.00339	.00227
#2	-.00229	-.00502	.01424	-.00290	.00418	.00318	-.00154
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00076	.00123
SDev	.00003	.00030
%RSD	3.9242	24.680
#1	.00078	.00144
#2	.00074	.00101
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6075	--	--	--	--	--	--
SDev	9.121609	--	--	--	--	--	--
%RSD	.1501499	--	--	--	--	--	--
#1	6069	--	--	--	--	--	--
#2	6081	--	--	--	--	--	--

Analysis Report 06/20/06 09:08:28 PM page 1

Method: TRACE1 Sample Name: AD636022 Operator: SW
Run Time: 06/20/06 21:03:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05642	.00367	1.4127	.53785	.00048	158.69	-.00014
SDev	.00049	.00141	.0006	.00098	.00001	.01	.00005
%RSD	.87436	38.304	.04367	.18271	1.9157	.00424	36.730
#1	.05677	.00268	1.4132	.53855	.00047	158.68	-.00018
#2	.05607	.00467	1.4123	.53716	.00048	158.69	-.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01499	.00056	-.00008	4.4536	6.9772	82.792	H13.702
SDev	.00043	.00030	.00011	.0151	.0093	.036	.011
%RSD	2.8451	52.715	135.13	.33813	.13385	.04344	.08327
#1	.01469	.00077	-.00015	4.4643	6.9838	82.817	H13.710
#2	.01529	.00035	-.00000	4.4430	6.9706	82.766	H13.694
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	243.45	.02997	-.00146	.00262	.00126	.00168	.00353
SDev	.40	.00026	.00229	.00065	.00033	.00205	.00534
%RSD	.16284	.86565	157.49	24.994	25.946	122.09	151.06
#1	243.17	.02979	-.00308	.00308	.00103	.00313	-.00024
#2	243.73	.03016	.00017	.00216	.00149	.00023	.00731
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00316	.00410	.00090	.00003	.00332	.00257	-.00094
SDev	.00163	.00226	.00016	.00068	.00027	.00028	.00126
%RSD	51.531	55.223	18.010	1940.7	8.0141	10.834	132.91
#1	-.00201	.00570	.00101	.00051	.00351	.00238	-.00183
#2	-.00431	.00250	.00078	-.00044	.00313	.00277	-.00006
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00002	.00024
SDev	.00018	.00044
%RSD	1039.6	180.12
#1	-.00011	-.00007
#2	.00015	.00055
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5911	--	--	--	--	--	--
SDev	7.000288	--	--	--	--	--	--
%RSD	.1184271	--	--	--	--	--	--
#1	5906	--	--	--	--	--	--
#2	5916	--	--	--	--	--	--

Analysis Report 06/20/06 09:13:25 PM page 1

Method: TRACE1 Sample Name: AD636023 Operator: SW
Run Time: 06/20/06 21:08:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03752	.03061	.21069	.70133	.00032	26.277	-.00031
SDev	.00178	.00089	.00089	.00065	.00003	.002	.00005
%RSD	4.7473	2.9207	.42255	.09296	8.7663	.00755	17.755
#1	.03878	.03124	.21132	.70087	.00034	26.278	-.00035
#2	.03626	.02998	.21006	.70179	.00030	26.275	-.00027
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01641	.00037	.00025	22.812	11.301	15.403	3.5894
SDev	.00007	.00001	.00032	.005	.001	.005	.0023
%RSD	.41409	3.7863	124.31	.02386	.01134	.02933	.06371
#1	.01646	.00036	.00048	22.816	11.302	15.400	3.5878
#2	.01636	.00038	.00003	22.809	11.300	15.407	3.5911
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	37.009	.00282	.00019	.00169	.00119	-.00093	-.00132
SDev	.044	.00038	.00138	.00126	.00130	.00521	.00300
%RSD	.11896	13.590	743.25	74.757	109.51	559.15	226.91
#1	36.978	.00255	.00116	.00258	.00211	.00275	-.00344
#2	37.041	.00309	-.00079	.00080	.00027	-.00461	.00080
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00041	-.00119	-.00005	-.00003	.00093	.00260	-.00239
SDev	.00250	.00656	.00006	.00157	.00013	.00042	.00199
%RSD	605.05	551.18	136.99	4562.8	14.097	15.949	82.981
#1	.00135	.00345	-.00000	.00108	.00102	.00231	-.00380
#2	-.00218	-.00583	-.00009	-.00115	.00084	.00289	-.00099
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00056	.00133
SDev	.00034	.00109
%RSD	59.503	81.715
#1	.00033	.00210
#2	.00080	.00056
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5993	--	--	--	--	--	--
SDev	9.227606	--	--	--	--	--	--
%RSD	.1539647	--	--	--	--	--	--
#1	5987	--	--	--	--	--	--
#2	6000	--	--	--	--	--	--

Analysis Report 06/20/06 09:18:22 PM page 1

Method: TRACE1 Sample Name: AD636024 Operator: SW
Run Time: 06/20/06 21:13:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04284	.01870	.27629	1.5528	.00041	153.01	.00000
SDev	.00337	.00037	.00169	.0009	.00002	.19	.00009
%RSD	7.8631	1.9744	.61250	.05605	3.7377	.12267	2018.7
#1	.04522	.01896	.27748	1.5522	.00042	152.87	-.00006
#2	.04045	.01844	.27509	1.5535	.00040	153.14	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02302	.00073	.00040	7.3393	4.8177	63.125	10.188
SDev	.00041	.00030	.00011	.0031	.0007	.047	.002
%RSD	1.7795	41.757	26.451	.04221	.01445	.07524	.01831
#1	.02273	.00094	.00047	7.3371	4.8172	63.091	10.187
#2	.02331	.00051	.00032	7.3415	4.8182	63.158	10.190
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	69.063	.02335	.00102	.00193	.00162	-.00110	.00104
SDev	.120	.00051	.00043	.00016	.00025	.00427	.00278
%RSD	.17371	2.1935	42.058	8.4298	15.464	388.36	268.60
#1	68.978	.02299	.00132	.00204	.00180	-.00412	.00300
#2	69.148	.02372	.00072	.00181	.00145	.00192	-.00093
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00298	-.00016	-.00003	-.00093	.00120	.00426	-.00165
SDev	.00335	.00473	.00015	.00158	.00026	.00027	.00174
%RSD	112.33	2975.9	492.46	170.89	21.405	6.2639	105.38
#1	-.00535	-.00351	.00007	.00019	.00102	.00407	-.00288
#2	-.00061	.00319	-.00014	-.00204	.00138	.00445	-.00042
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00013	.00105
SDev	.00017	.00109
%RSD	133.41	104.09
#1	.00001	.00028
#2	.00025	.00182
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5955	--	--	--	--	--	--
SDev	19.72821	--	--	--	--	--	--
%RSD	.3312882	--	--	--	--	--	--
#1	5941	--	--	--	--	--	--
#2	5969	--	--	--	--	--	--

Analysis Report 06/20/06 09:23:19 PM page 1

Method: TRACE1 Sample Name: AD636025 Operator: SW
Run Time: 06/20/06 21:18:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05112	.00063	.01342	.38403	.00028	99.327	.00007
SDev	.00032	.00123	.00028	.00082	.00000	.250	.00015
%RSD	.63289	196.20	2.0801	.21323	.93089	.25126	196.55
#1	.05089	.00150	.01322	.38461	.00028	99.151	-.00003
#2	.05135	-.00024	.01362	.38345	.00029	99.504	.00018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00028	.00039	-.00037	.02846	1.8444	12.083	.00201
SDev	.00013	.00054	.00037	.00547	.0118	.017	.00006
%RSD	45.764	137.99	97.752	19.216	.63753	.14420	3.0676
#1	.00019	.00001	-.00063	.02459	1.8527	12.070	.00205
#2	.00038	.00077	-.00012	.03233	1.8361	12.095	.00197
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.1206	.00055	-.00054	.00117	.00060	-.00228	.00168
SDev	.0131	.00008	.00148	.00111	.00123	.00164	.00168
%RSD	.25617	14.132	276.02	94.176	203.40	71.859	99.958
#1	5.1298	.00049	-.00158	.00039	-.00026	-.00112	.00049
#2	5.1113	.00060	.00051	.00195	.00147	-.00344	.00286
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00523	-.00081	.00044	-.00095	.00126	.00309	-.00282
SDev	.00461	.00015	.00005	.00119	.00013	.00082	.00171
%RSD	88.222	19.023	10.419	125.70	9.9921	26.408	60.680
#1	-.00197	-.00070	.00041	-.00011	.00117	.00251	-.00403
#2	-.00849	-.00092	.00047	-.00179	.00135	.00367	-.00161
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00054	.00056
SDev	.00031	.00026
%RSD	57.327	46.387
#1	.00076	.00074
#2	.00032	.00037
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6085	--	--	--	--	--	--
SDev	12.30359	--	--	--	--	--	--
%RSD	.2021837	--	--	--	--	--	--
#1	6077	--	--	--	--	--	--
#2	6094	--	--	--	--	--	--

Analysis Report 06/20/06 09:28:15 PM page 1

Method: TRACE1 Sample Name: AD636026 Operator: SW
Run Time: 06/20/06 21:23:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08476	.00130	.04887	.71366	.00042	112.06	.00010
SDev	.00005	.00093	.00113	.00142	.00005	.18	.00003
%RSD	.05443	71.407	2.3186	.19927	11.806	.16338	33.076
#1	.08473	.00064	.04967	.71467	.00046	112.19	.00012
#2	.08480	.00196	.04806	.71266	.00039	111.93	.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00052	.00007	-.00004	.00668	1.4825	18.738	.76214
SDev	.00023	.00038	.00026	.00157	.0114	.042	.00204
%RSD	44.339	561.49	574.09	23.581	.77124	.22623	.26754
#1	.00068	-.00020	.00014	.00779	1.4906	18.768	.76358
#2	.00036	.00034	-.00023	.00556	1.4745	18.708	.76070
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	14.762	.00227	-.00105	.00192	.00093	-.00112	-.00014
SDev	.104	.00021	.00097	.00008	.00027	.00041	.00081
%RSD	.70661	9.4938	92.494	4.0715	28.932	36.771	570.42
#1	14.836	.00242	-.00036	.00186	.00112	-.00142	.00043
#2	14.688	.00211	-.00173	.00198	.00074	-.00083	-.00071
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00153	-.00092	-.00027	-.00337	.00117	.00642	-.00142
SDev	.00804	.00340	.00001	.00118	.00001	.00060	.00076
%RSD	525.13	369.11	4.9879	34.979	.53421	9.3009	53.381
#1	-.00722	.00148	-.00026	-.00421	.00118	.00684	-.00088
#2	.00415	-.00333	-.00028	-.00254	.00117	.00600	-.00196
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00061	.00032
SDev	.00019	.00098
%RSD	30.940	306.10
#1	.00075	-.00037
#2	.00048	.00101
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6060	--	--	--	--	--	--
SDev	42.10842	--	--	--	--	--	--
%RSD	.6948153	--	--	--	--	--	--
#1	6031	--	--	--	--	--	--
#2	6090	--	--	--	--	--	--

Analysis Report 06/20/06 09:33:12 PM page 1

Method: TRACE1 Sample Name: AD636027 Operator: SW
Run Time: 06/20/06 21:28:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04396	.00035	.00495	.00063	.00029	.13684	-.00006
SDev	.00139	.00010	.00097	.00000	.00000	.00036	.00003
%RSD	3.1541	27.896	19.471	.41736	1.4141	.26305	48.254
#1	.04494	.00028	.00427	.00062	.00029	.13710	-.00009
#2	.04298	.00042	.00564	.00063	.00028	.13659	-.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00036	.00684	.00029	.05142	.01039	.00847	.00187
SDev	.00014	.00018	.00041	.00559	.00115	.00386	.00001
%RSD	39.511	2.5842	141.78	10.880	11.091	45.644	.33776
#1	.00026	.00696	.00058	.04747	.00958	.00573	.00186
#2	.00046	.00671	-.00000	.05538	.01121	.01120	.00187
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.10603	.00463	-.00056	.00028	.00000	-.00315	-.00080
SDev	.02109	.00003	.00109	.00161	.00071	.00184	.00274
%RSD	19.893	.58997	195.76	580.44	250440.	58.391	343.68
#1	-.09111	.00465	.00021	-.00086	-.00050	-.00446	.00114
#2	-.12094	.00461	-.00133	.00142	.00051	-.00185	-.00273
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00171	-.00388	.00006	-.00379	.00062	.00574	-.00009
SDev	.00242	.00397	.00028	.00120	.00000	.00052	.00074
%RSD	141.61	102.38	513.70	31.726	.18033	9.1343	787.89
#1	.00000	-.00669	.00026	-.00294	.00062	.00611	-.00062
#2	-.00341	-.00107	-.00014	-.00464	.00062	.00537	.00043
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00027	.00180
SDev	.00021	.00051
%RSD	76.593	28.581
#1	.00012	.00144
#2	.00042	.00216
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6151	--	--	--	--	--	--
SDev	18.45556	--	--	--	--	--	--
%RSD	.3000391	--	--	--	--	--	--
#1	6164	--	--	--	--	--	--
#2	6138	--	--	--	--	--	--

Analysis Report 06/20/06 09:38:09 PM page 1

Method: TRACE1 Sample Name: AD636028 Operator: SW
Run Time: 06/20/06 21:33:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.6088	.00550	.00990	.13643	.00083	139.81	-.00127
SDev	.0123	.00025	.00006	.00002	.00008	.31	.00007
%RSD	.21997	4.4638	.59523	.01391	9.5343	.22455	5.2166
#1	5.6000	.00533	.00994	.13644	.00089	140.03	-.00122
#2	5.6175	.00568	.00986	.13641	.00078	139.59	-.00131
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02748	.00282	.00061	182.29	.96619	29.165	4.3752
SDev	.00010	.00016	.00018	.37	.02343	.045	.0051
%RSD	.36118	5.7248	30.448	.20363	2.4254	.15322	.11705
#1	.02755	.00271	.00074	182.55	.98276	29.197	4.3788
#2	.02741	.00293	.00048	182.02	.94962	29.134	4.3715
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.2083	.00458	.00108	.00341	.00263	-.00743	.00048
SDev	.0041	.00051	.00093	.00013	.00040	.00304	.00180
%RSD	.09821	11.220	86.806	3.8933	15.181	40.901	374.05
#1	4.2113	.00494	.00042	.00332	.00235	-.00528	.00176
#2	4.2054	.00421	.00174	.00351	.00292	-.00958	-.00079
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00591	-.00819	.21995	-.00478	.01428	.02339	-.00262
SDev	.00284	.00314	.00028	.00051	.00002	.00018	.00097
%RSD	48.090	38.306	.12676	10.600	.13965	.75644	37.049
#1	-.00390	-.00597	.22015	-.00513	.01429	.02352	-.00331
#2	-.00792	-.01041	.21976	-.00442	.01427	.02327	-.00194
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00055	.00392
SDev	.00014	.00114
%RSD	25.688	29.119
#1	.00065	.00311
#2	.00045	.00472
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6112	--	--	--	--	--	--
SDev	9.545941	--	--	--	--	--	--
%RSD	.1561861	--	--	--	--	--	--
#1	6105	--	--	--	--	--	--
#2	6119	--	--	--	--	--	--

Analysis Report 06/20/06 09:43:06 PM page 1

Method: TRACE1 Sample Name: AD636029 Operator: SW
Run Time: 06/20/06 21:38:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0771	.00380	.01980	.17101	.00088	176.72	-.00142
SDev	.0013	.00060	.00021	.00004	.00001	.22	.00001
%RSD	.06150	15.881	1.0598	.02181	1.3882	.12557	.59247
#1	2.0762	.00338	.01995	.17103	.00089	176.88	-.00143
#2	2.0780	.00423	.01965	.17098	.00087	176.56	-.00142
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02004	.00174	.00081	223.86	.67197	28.851	8.6254
SDev	.00001	.00037	.00037	.37	.00145	.021	.0105
%RSD	.05674	21.180	45.260	.16312	.21639	.07246	.12210
#1	.02003	.00148	.00055	224.12	.67300	28.866	8.6329
#2	.02004	.00200	.00107	223.60	.67094	28.836	8.6180
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.3069	.00317	.00140	.00347	.00278	-.00393	-.00027
SDev	.0367	.00068	.00008	.00133	.00086	.00157	.00078
%RSD	.58129	21.612	5.7213	38.426	31.025	40.023	286.30
#1	6.2810	.00268	.00134	.00441	.00339	-.00281	-.00083
#2	6.3329	.00365	.00146	.00253	.00217	-.00504	.00028
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00316	-.00431	.08274	-.00556	.01301	.01259	-.00156
SDev	.00108	.00290	.00020	.00005	.00015	.00016	.00000
%RSD	34.114	67.253	.24219	.89882	1.1498	1.2638	.23526
#1	-.00393	-.00226	.08260	-.00559	.01311	.01270	-.00155
#2	-.00240	-.00635	.08288	-.00552	.01290	.01248	-.00156
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00014	.00418
SDev	.00022	.00022
%RSD	156.64	5.3313
#1	.00002	.00434
#2	-.00029	.00402
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6034	--	--	--	--	--	--
SDev	9.758281	--	--	--	--	--	--
%RSD	.1617082	--	--	--	--	--	--
#1	6028	--	--	--	--	--	--
#2	6041	--	--	--	--	--	--

Analysis Report QC Standard 06/20/06 09:49:23 PM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 06/20/06 21:44:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.532	.47020	.47190	.47603	.47715	24.465	.47720
SDev	.015	.00170	.00052	.00005	.00027	.010	.00075
%RSD	.05983	.36089	.11081	.01139	.05671	.04244	.15735
#1	24.542	.46900	.47153	.47607	.47696	24.472	.47667
#2	24.521	.47140	.47227	.47599	.47734	24.457	.47773
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47977	.48357	.50042	24.241	24.810	24.189	.49064
SDev	.00044	.00033	.00011	.023	.035	.015	.00003
%RSD	.09126	.06770	.02213	.09594	.14159	.06076	.00619
#1	.48008	.48380	.50034	24.258	24.835	24.178	.49066
#2	.47946	.48334	.50050	24.225	24.786	24.199	.49062
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.206	.48196	.47928	.47192	.47437	.48926	.49077
SDev	.033	.00032	.00286	.00032	.00117	.00036	.00215
%RSD	.13811	.06565	.59674	.06858	.24628	.07275	.43701
#1	24.230	.48218	.48130	.47214	.47519	.48901	.49229
#2	24.182	.48173	.47726	.47169	.47354	.48952	.48925
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48975	.48903	.49090	.49948	.48842	.47331	.50068
SDev	.00744	.00425	.00036	.00031	.00096	.00096	.00254
%RSD	1.5192	.86990	.07356	.06135	.19670	.20220	.50708
#1	.49501	.48602	.49064	.49970	.48910	.47399	.50248
#2	.48448	.49204	.49116	.49926	.48774	.47263	.49889
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.48239	.48590
SDev	.00055	.00459
%RSD	.11327	.94539
#1	.48277	.48265
#2	.48200	.48914
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6051	--	--	--	--	--	--
SDev	24.60752	--	--	--	--	--	--
%RSD	.4066586	--	--	--	--	--	--
#1	6034	--	--	--	--	--	--
#2	6069	--	--	--	--	--	--

Analysis Report Blank Sample 06/20/06 09:54:20 PM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 06/20/06 21:49:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03797	.00115	.00227	.00013	.00023	.00240	.00003
SDev	.00405	.00035	.00032	.00007	.00004	.00017	.00006
%RSD	10.675	30.350	14.305	52.789	15.980	6.9863	248.24
#1	.04084	.00140	.00204	.00018	.00025	.00252	-.00002
#2	.03511	.00091	.00250	.00008	.00020	.00228	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00042	-.00021	.00018	.01513	.01465	.00009	.00006
SDev	.00055	.00049	.00037	.01030	.02092	.00192	.00006
%RSD	131.99	231.45	209.23	68.061	142.75	2116.9	91.513
#1	.00080	-.00056	.00043	.02241	.02944	-.00127	.00010
#2	.00003	.00014	-.00008	.00785	-.00014	.00145	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.07076	.00011	-.00109	.00184	.00086	-.00042	.00253
SDev	.05384	.00038	.00136	.00254	.00124	.00088	.00225
%RSD	76.092	339.77	125.30	138.50	144.03	207.24	89.136
#1	-.10883	-.00016	-.00205	.00363	.00174	.00020	.00412
#2	-.03269	.00038	-.00012	.00004	-.00002	-.00104	.00093
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00165	.00019	-.00024	-.00117	.00090	.00019	-.00281
SDev	.00499	.00381	.00031	.00315	.00013	.00028	.00074
%RSD	302.24	2001.4	127.43	270.03	14.257	149.27	26.396
#1	-.00518	.00288	-.00002	.00106	.00099	.00038	-.00228
#2	.00188	-.00250	-.00046	-.00339	.00081	-.00001	-.00333
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00105	.00014
SDev	.00042	.00069
%RSD	39.674	492.03
#1	.00135	-.00035
#2	.00076	.00063
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6041	--	--	--	--	--	--
SDev	1.908981	--	--	--	--	--	--
%RSD	.0315983	--	--	--	--	--	--
#1	6040	--	--	--	--	--	--
#2	6043	--	--	--	--	--	--

Analysis Report 06/26/06 08:07:25 AM page 1

STL Buffalo Analyst: SW Date: 6/26/06 Secondary Review: TWS Date: 6/26/06
Spikes: 5-MDL-18, 1-MDL-5, 7-107-E, 7-134-F, 2-MDL-17
Pippettes: 05-12-06-(1-14)

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	STD BLK 7-137-A	1062306	TRACE1	06/23/06	14:27		X	IR
2	STD 1 7-137-C	1062306	TRACE1	06/23/06	14:32		X	IR
3	STD 2 7-137-D	1062306	TRACE1	06/23/06	14:36		X	IR
4	STD 3 7-137-B	1062306	TRACE1	06/23/06	14:41		X	IR
5	STD 3 VER ⊥	1062306	TRACE1	06/23/06	14:46	SW	B	CONC
6	ICV 7-139-E	1062306	TRACE1	06/23/06	14:56	SW	Q	CONC
7	ICB 7-137-A	1062306	TRACE1	06/23/06	15:01	SW	B	CONC
8	CRI 7-130-A	1062306	TRACE1	06/23/06	15:06	SW	B	CONC
9	ICSA 7-144-B	1062306	TRACE1	06/23/06	15:11	SW	Q	CONC
10	ICSAB 7-132-C	1062306	TRACE1	06/23/06	15:16	SW	Q	CONC
11	CCV 7-135-F	1062306	TRACE1	06/23/06	15:22	SW	Q	CONC
12	CCB 7-137-A	1062306	TRACE1	06/23/06	15:27	SW	B	CONC
13	AD636755/PB	1062306	TRACE1	06/23/06	15:32	SW	S	CONC
14	AD636754/FB	1062306	TRACE1	06/23/06	15:37	SW	S	CONC
15	AD636736 7098	1062306	TRACE1	06/23/06	15:42	SW	S	CONC
16	AD636737 7099	1062306	TRACE1	06/23/06	16:10	SW	S	CONC
17	AD636737/L (1:5)	1062306	TRACE1	06/23/06	16:15	SW	S	CONC
18	AD636737/PS	1062306	TRACE1	06/23/06	16:20	SW	S	CONC
19	AD636738/MS	1062306	TRACE1	06/23/06	16:25	SW	S	CONC
20	AD636739/SD	1062306	TRACE1	06/23/06	16:30	SW	S	CONC
21	AD636740	1062306	TRACE1	06/23/06	16:35	SW	S	CONC
22	AD636741	1062306	TRACE1	06/23/06	16:40	SW	S	CONC
23	CCV	1062306	TRACE1	06/23/06	16:46	SW	Q	CONC
24	CCB	1062306	TRACE1	06/23/06	16:51	SW	B	CONC
25	AD636742	1062306	TRACE1	06/23/06	16:56	SW	S	CONC
26	AD636743	1062306	TRACE1	06/23/06	17:01	SW	S	CONC
27	AD636744	1062306	TRACE1	06/23/06	17:06	SW	S	CONC
28	AD636745	1062306	TRACE1	06/23/06	17:11	SW	S	CONC
29	AD636746	1062306	TRACE1	06/23/06	17:16	SW	S	CONC
30	AD636747	1062306	TRACE1	06/23/06	17:21	SW	S	CONC
31	AD636748	1062306	TRACE1	06/23/06	17:26	SW	S	CONC
32	AD636749 7101	1062306	TRACE1	06/23/06	17:30	SW	S	CONC
33	AD636750	1062306	TRACE1	06/23/06	17:35	SW	S	CONC
34	AD636751	1062306	TRACE1	06/23/06	17:40	SW	S	CONC
35	CCV	1062306	TRACE1	06/23/06	17:47	SW	Q	CONC
36	CCB	1062306	TRACE1	06/23/06	17:52	SW	B	CONC
37	AD636752	1062306	TRACE1	06/23/06	17:57	SW	S	CONC
38	AD636753	1062306	TRACE1	06/23/06	18:02	SW	S	CONC
39	AD636834/PB	1062306	TRACE1	06/23/06	18:06	SW	S	CONC
40	AD636833/CLPSL	1062306	TRACE1	06/23/06	18:11	SW	S	CONC
41	AD636822 7074	1062306	TRACE1	06/23/06	18:16	SW	S	CONC
42	AD636822/L (1:5)	1062306	TRACE1	06/23/06	18:21	SW	S	CONC
43	AD636822/PS	1062306	TRACE1	06/23/06	18:26	SW	S	CONC
44	AD636823/MS	1062306	TRACE1	06/23/06	18:31	SW	S	CONC
45	AD636824/SD	1062306	TRACE1	06/23/06	18:36	SW	S	CONC
46	AD636825	1062306	TRACE1	06/23/06	18:41	SW	S	CONC
47	CCV	1062306	TRACE1	06/23/06	18:47	SW	Q	CONC
48	CCB	1062306	TRACE1	06/23/06	18:52	SW	B	CONC
49	AD636826	1062306	TRACE1	06/23/06	18:57	SW	S	CONC
50	AD636827	1062306	TRACE1	06/23/06	19:02	SW	S	CONC

Analysis Report Summary 06/26/06 08:07:25 AM page 2

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
51	AD636828	1062306	TRACE1	06/23/06	19:07	SW	S	CONC
52	AD636829	1062306	TRACE1	06/23/06	19:12	SW	S	CONC
53	AD636830	1062306	TRACE1	06/23/06	19:17	SW	S	CONC
54	AD636831	1062306	TRACE1	06/23/06	19:22	SW	S	CONC
55	AD636832	1062306	TRACE1	06/23/06	19:27	SW	S	CONC
56	AD636958/PB	1062306	TRACE1	06/23/06	19:32	SW	S	CONC
57	AD636957/FB	1062306	TRACE1	06/23/06	19:37	SW	S	CONC
58	AD637007 6955	1062306	TRACE1	06/23/06	19:42	SW	S	CONC
59	CCV	1062306	TRACE1	06/23/06	19:48	SW	Q	CONC
60	CCB	1062306	TRACE1	06/23/06	19:53	SW	B	CONC
61	AD637007/L (1:5)	1062306	TRACE1	06/23/06	19:58	SW	S	CONC
62	AD637007/PS	1062306	TRACE1	06/23/06	20:03	SW	S	CONC
63	AD637008/MS	1062306	TRACE1	06/23/06	20:08	SW	S	CONC
64	AD637009/SD	1062306	TRACE1	06/23/06	20:13	SW	S	CONC
65	AD637010 6999	1062306	TRACE1	06/23/06	20:18	SW	S	CONC
66	AD636943 7104	1062306	TRACE1	06/23/06	20:23	SW	S	CONC
67	AD636944 7121	1062306	TRACE1	06/23/06	20:28	SW	S	CONC
68	AD636947	1062306	TRACE1	06/23/06	20:33	SW	S	CONC
69	AD636948	1062306	TRACE1	06/23/06	20:38	SW	S	CONC
70	AD636949	1062306	TRACE1	06/23/06	20:43	SW	S	CONC
71	CCV	1062306	TRACE1	06/23/06	20:49	SW	Q	CONC
72	CCB	1062306	TRACE1	06/23/06	20:54	SW	B	CONC
73	AD636950	1062306	TRACE1	06/23/06	20:59	SW	S	CONC
74	AD636951	1062306	TRACE1	06/23/06	21:04	SW	S	CONC
75	AD636952	1062306	TRACE1	06/23/06	21:09	SW	S	CONC
76	AD636953	1062306	TRACE1	06/23/06	21:14	SW	S	CONC
77	AD636954	1062306	TRACE1	06/23/06	21:19	SW	S	CONC
78	AD636955	1062306	TRACE1	06/23/06	21:24	SW	S	CONC
79	AD636956	1062306	TRACE1	06/23/06	21:29	SW	S	CONC
80	AD636929/PB	1062306	TRACE1	06/23/06	21:34	SW	S	CONC
81	AD636928/FB	1062306	TRACE1	06/23/06	21:39	SW	S	CONC
82	AD636906 7010	1062306	TRACE1	06/23/06	21:44	SW	S	CONC
83	CCV	1062306	TRACE1	06/23/06	21:50	SW	Q	CONC
84	CCB	1062306	TRACE1	06/23/06	21:55	SW	B	CONC
85	STD BLK	1062306	TRACE1	06/23/06	22:06		X	IR
86	STD 1	1062306	TRACE1	06/23/06	22:11		X	IR
87	STD 2	1062306	TRACE1	06/23/06	22:15		X	IR
88	STD 3	1062306	TRACE1	06/23/06	22:20		X	IR
89	STD 3 VER	1062306	TRACE1	06/23/06	22:25	SW	B	CONC
90	ICV	1062306	TRACE1	06/23/06	22:30	SW	Q	CONC
91	ICB	1062306	TRACE1	06/23/06	22:35	SW	B	CONC
92	CRI	1062306	TRACE1	06/23/06	22:40	SW	B	CONC
93	ICSA	1062306	TRACE1	06/23/06	22:45	SW	Q	CONC
94	ICSAB	1062306	TRACE1	06/23/06	22:50	SW	Q	CONC
95	CCV	1062306	TRACE1	06/23/06	22:56	SW	Q	CONC
96	CCB	1062306	TRACE1	06/23/06	23:01	SW	B	CONC
97	AD636907 7092	1062306	TRACE1	06/23/06	23:06	SW	S	CONC
98	AD636908	1062306	TRACE1	06/23/06	23:11	SW	S	CONC
99	AD636909	1062306	TRACE1	06/23/06	23:16	SW	S	CONC
100	AD636910	1062306	TRACE1	06/23/06	23:21	SW	S	CONC
101	AD636911	1062306	TRACE1	06/23/06	23:26	SW	S	CONC
102	AD636912	1062306	TRACE1	06/23/06	23:31	SW	S	CONC
103	AD636913	1062306	TRACE1	06/23/06	23:36	SW	S	CONC
104	AD636914 7108	1062306	TRACE1	06/23/06	23:41	SW	S	CONC

Analysis Report Summary 06/26/06 08:07:25 AM page 3

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
105	AD636915	1062306	TRACE1	06/23/06	23:46	SW	S	CONC
106	AD636916	1062306	TRACE1	06/23/06	23:51	SW	S	CONC
107	CCV	1062306	TRACE1	06/23/06	23:57	SW	Q	CONC
108	CCB	1062306	TRACE1	06/24/06	00:02	SW	B	CONC
109	AD636917	1062306	TRACE1	06/24/06	00:07	SW	S	CONC
110	AD636918	1062306	TRACE1	06/24/06	00:12	SW	S	CONC
111	AD636919	1062306	TRACE1	06/24/06	00:17	SW	S	CONC
112	AD636919/L (1:5)	1062306	TRACE1	06/24/06	00:22	SW	S	CONC
113	AD636919/PS	1062306	TRACE1	06/24/06	00:27	SW	S	CONC
114	AD636920/MS	1062306	TRACE1	06/24/06	00:32	SW	S	CONC
115	AD636921/SD	1062306	TRACE1	06/24/06	00:37	SW	S	CONC
116	AD636922	1062306	TRACE1	06/24/06	00:42	SW	S	CONC
117	AD636923 7122	1062306	TRACE1	06/24/06	00:47	SW	S	CONC
118	AD636924	1062306	TRACE1	06/24/06	00:52	SW	S	CONC
119	CCV	1062306	TRACE1	06/24/06	00:58	SW	Q	CONC
120	CCB	1062306	TRACE1	06/24/06	01:03	SW	B	CONC
121	AD636925	1062306	TRACE1	06/24/06	01:08	SW	S	CONC
122	AD636926	1062306	TRACE1	06/24/06	01:13	SW	S	CONC
123	AD636927	1062306	TRACE1	06/24/06	01:18	SW	S	CONC
124	AD636885/PB	1062306	TRACE1	06/24/06	01:23	SW	S	CONC
125	AD636884/FB	1062306	TRACE1	06/24/06	01:28	SW	S	CONC
126	AD636866 7109	1062306	TRACE1	06/24/06	01:33	SW	S	CONC
127	AD636866/L (1:5)	1062306	TRACE1	06/24/06	01:38	SW	S	CONC
128	AD636866/PS	1062306	TRACE1	06/24/06	01:43	SW	S	CONC
129	AD636867/MS	1062306	TRACE1	06/24/06	01:48	SW	S	CONC
130	AD636868/SD	1062306	TRACE1	06/24/06	01:53	SW	S	CONC
131	CCV	1062306	TRACE1	06/24/06	01:59	SW	Q	CONC
132	CCB	1062306	TRACE1	06/24/06	02:04	SW	B	CONC
133	AD636869	1062306	TRACE1	06/24/06	02:09	SW	S	CONC
134	AD636870	1062306	TRACE1	06/24/06	02:14	SW	S	CONC
135	AD636871	1062306	TRACE1	06/24/06	02:19	SW	S	CONC
136	AD636872	1062306	TRACE1	06/24/06	02:24	SW	S	CONC
137	AD636873	1062306	TRACE1	06/24/06	02:29	SW	S	CONC
138	AD636874	1062306	TRACE1	06/24/06	02:34	SW	S	CONC
139	AD636875	1062306	TRACE1	06/24/06	02:39	SW	S	CONC
140	AD636876	1062306	TRACE1	06/24/06	02:44	SW	S	CONC
141	AD636877	1062306	TRACE1	06/24/06	02:49	SW	S	CONC
142	AD636878	1062306	TRACE1	06/24/06	02:54	SW	S	CONC
143	CCV	1062306	TRACE1	06/24/06	03:00	SW	Q	CONC
144	CCB	1062306	TRACE1	06/24/06	03:05	SW	B	CONC
145	AD636879	1062306	TRACE1	06/24/06	03:10	SW	S	CONC
146	AD636880 7119	1062306	TRACE1	06/24/06	03:15	SW	S	CONC
147	AD636881	1062306	TRACE1	06/24/06	03:20	SW	S	CONC
148	AD636882	1062306	TRACE1	06/24/06	03:25	SW	S	CONC
149	AD636883	1062306	TRACE1	06/24/06	03:30	SW	S	CONC
150	AD636905/PB	1062306	TRACE1	06/24/06	03:35	SW	S	CONC
151	AD636904/FB	1062306	TRACE1	06/24/06	03:40	SW	S	CONC
152	AD636886 7109	1062306	TRACE1	06/24/06	03:45	SW	S	CONC
153	AD636886/L (1:5)	1062306	TRACE1	06/24/06	03:50	SW	S	CONC
154	AD636886/PS	1062306	TRACE1	06/24/06	03:55	SW	S	CONC
155	CCV	1062306	TRACE1	06/24/06	04:01	SW	Q	CONC
156	CCB	1062306	TRACE1	06/24/06	04:06	SW	B	CONC
157	AD636887/MS	1062306	TRACE1	06/24/06	04:11	SW	S	CONC
158	AD636888/SD	1062306	TRACE1	06/24/06	04:16	SW	S	CONC

Analysis Report Summary 06/26/06 08:07:25 AM page 4

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
159	AD636889	1062306	TRACE1	06/24/06	04:21	SW	S	CONC
160	AD636890	1062306	TRACE1	06/24/06	04:26	SW	S	CONC
161	AD636891	1062306	TRACE1	06/24/06	04:31	SW	S	CONC
162	AD636892	1062306	TRACE1	06/24/06	04:36	SW	S	CONC
163	AD636893	1062306	TRACE1	06/24/06	04:41	SW	S	CONC
164	AD636894	1062306	TRACE1	06/24/06	04:46	SW	S	CONC
165	AD636895	1062306	TRACE1	06/24/06	04:51	SW	S	CONC
166	AD636896	1062306	TRACE1	06/24/06	04:56	SW	S	CONC
167	CCV	1062306	TRACE1	06/24/06	05:03	SW	Q	CONC
168	CCB	1062306	TRACE1	06/24/06	05:08	SW	B	CONC
169	STD BLK	1062306	TRACE1	06/24/06	05:19		X	IR
170	STD 1	1062306	TRACE1	06/24/06	05:24		X	IR
171	STD 2	1062306	TRACE1	06/24/06	05:28		X	IR
172	STD 3	1062306	TRACE1	06/24/06	05:33		X	IR
173	STD 3 VER	1062306	TRACE1	06/24/06	05:38	SW	B	CONC
174	ICV	1062306	TRACE1	06/24/06	05:43	SW	Q	CONC
175	ICB	1062306	TRACE1	06/24/06	05:47	SW	B	CONC
176	CRI	1062306	TRACE1	06/24/06	05:52	SW	B	CONC
177	ICSA	1062306	TRACE1	06/24/06	05:57	SW	Q	CONC
178	ICSAB	1062306	TRACE1	06/24/06	06:02	SW	Q	CONC
179	CCV	1062306	TRACE1	06/24/06	06:09	SW	Q	CONC
180	CCB	1062306	TRACE1	06/24/06	06:14	SW	B	CONC
181	AD636897	1062306	TRACE1	06/24/06	06:19	SW	S	CONC
182	AD636898	1062306	TRACE1	06/24/06	06:24	SW	S	CONC
183	AD636899	1062306	TRACE1	06/24/06	06:29	SW	S	CONC
184	AD636900 7112	1062306	TRACE1	06/24/06	06:34	SW	S	CONC
185	AD636901	1062306	TRACE1	06/24/06	06:39	SW	S	CONC
186	AD636902	1062306	TRACE1	06/24/06	06:44	SW	S	CONC
187	AD636903	1062306	TRACE1	06/24/06	06:48	SW	S	CONC
188	AD637058/PB	1062306	TRACE1	06/24/06	06:53	SW	S	CONC
189	AD637057/LCS	1062306	TRACE1	06/24/06	06:58	SW	S	CONC
190	AD637056/LCS	1062306	TRACE1	06/24/06	07:03	SW	S	CONC
191	CCV	1062306	TRACE1	06/24/06	07:10	SW	Q	CONC
192	CCB	1062306	TRACE1	06/24/06	07:15	SW	B	CONC
193	AD637055/EBLK	1062306	TRACE1	06/24/06	07:20	SW	S	CONC
194	AD637047 7073	1062306	TRACE1	06/24/06	07:25	SW	S	CONC
195	AD637047/L (1:5)	1062306	TRACE1	06/24/06	07:30	SW	S	CONC
196	AD637047/PS	1062306	TRACE1	06/24/06	07:35	SW	S	CONC
197	AD637048 7077	1062306	TRACE1	06/24/06	07:40	SW	S	CONC
198	AD637048/L (1:5)	1062306	TRACE1	06/24/06	07:45	SW	S	CONC
199	AD637048/PS	1062306	TRACE1	06/24/06	07:50	SW	S	CONC
200	AD637049 7079	1062306	TRACE1	06/24/06	07:55	SW	S	CONC
201	AD637049/L (1:5)	1062306	TRACE1	06/24/06	08:00	SW	S	CONC
202	AD637049/PS	1062306	TRACE1	06/24/06	08:05	SW	S	CONC
203	CCV	1062306	TRACE1	06/24/06	08:11	SW	Q	CONC
204	CCB	1062306	TRACE1	06/24/06	08:16	SW	B	CONC
205	AD637050 7082	1062306	TRACE1	06/24/06	08:21	SW	S	CONC
206	AD637050/L (1:5)	1062306	TRACE1	06/24/06	08:26	SW	S	CONC
207	AD637050/PS	1062306	TRACE1	06/24/06	08:31	SW	S	CONC
208	AD637051/MS	1062306	TRACE1	06/24/06	08:36	SW	S	CONC
209	AD637052/SD	1062306	TRACE1	06/24/06	08:41	SW	S	CONC
210	AD637053 7086	1062306	TRACE1	06/24/06	08:46	SW	S	CONC
211	AD637053/L (1:5)	1062306	TRACE1	06/24/06	08:51	SW	S	CONC
212	AD637053/PS	1062306	TRACE1	06/24/06	08:56	SW	S	CONC

Analysis Report Summary 06/26/06 08:07:25 AM page 5

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
213	AD637054	1062306	TRACE1	06/24/06	09:01	SW	S	CONC
214	CCV	1062306	TRACE1	06/24/06	09:07	SW	Q	CONC
215	CCB	1062306	TRACE1	06/24/06	09:12	SW	B	CONC

Method: TRACE1
Mode: Concentration
Standards Table: NAKCAMG
Data File: 1MAR1606

Element	Wavelength	Date-of-Fit	Type-of-Fit	Correlation
Ca3179	317.933	03/16/06 12:41	Full Fit	.999981
K_7664	766.491	03/16/06 12:42	Full Fit	.999964
Mg2790	279.078	03/16/06 12:42	Full Fit	.999984
Na3302	330.232	03/16/06 12:42	Full Fit	.999996

Calibration Report 03/16/06 12:13:42 PM

Method: TRACE1 Standard Name: STD BLK Operator:
Run Time: 03/16/06 12:10:41
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	.0307293	-.210334	.0034779	.0046080
SDev	.0001792	.001148	.0008062	.0017080
%RSD	.5830732	.5455866	23.17903	37.06602
#1	.0306026	-.209522	.0040480	.0034003
#2	.0308560	-.211145	.0029079	.0058158
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6183	--	--	--	--	--	--
SDev	9.970275	--	--	--	--	--	--
%RSD	.1612530	--	--	--	--	--	--
#1	6176	--	--	--	--	--	--
#2	6190	--	--	--	--	--	--

Calibration Report 03/16/06 12:18:30 PM

Method: TRACE1 Standard Name: STD 1 Operator:
Run Time: 03/16/06 12:15:29
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	4.325460	13.47969	2.098351	.2085747
SDev	.020176	.17325	.002100	.0012783
%RSD	.4664367	1.285301	.1000911	.6128554
#1	4.311193	13.35718	2.096866	.2094785
#2	4.339726	13.60220	2.099836	.2076708
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6238	--	--	--	--	--	--
SDev	16.01590	--	--	--	--	--	--
%RSD	.2567669	--	--	--	--	--	--
#1	6249	--	--	--	--	--	--
#2	6226	--	--	--	--	--	--

Calibration Report 03/16/06 12:23:41 PM

Method: TRACE1 Standard Name: STD 2 Operator:
Run Time: 03/16/06 12:20:40
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	21.99334	68.78076	10.86834	1.057659
SDev	.05185	.62654	.01476	.004322
%RSD	.2357321	.9109246	.1358212	.4086057
#1	21.95668	68.33773	10.87878	1.060715
#2	22.02999	69.22379	10.85790	1.054603
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6058	--	--	--	--	--	--
SDev	33.41080	--	--	--	--	--	--
%RSD	.5515039	--	--	--	--	--	--
#1	6082	--	--	--	--	--	--
#2	6034	--	--	--	--	--	--

Calibration Report 03/16/06 12:28:41 PM

Method: TRACE1 Standard Name: STD 3 Operator:
Run Time: 03/16/06 12:25:40
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	43.47566	134.3991	21.79380	2.161770
SDev	.08537	.8460	.04223	.000122
%RSD	.1963689	.6294374	.1937543	.0056540
#1	43.41529	133.8009	21.82366	2.161684
#2	43.53603	134.9973	21.76394	2.161857
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6005	--	--	--	--	--	--
SDev	19.94055	--	--	--	--	--	--
%RSD	.3320768	--	--	--	--	--	--
#1	5991	--	--	--	--	--	--
#2	6019	--	--	--	--	--	--

Method: TRACE1 Standard Name: NAKCAMG100 Operator:
Run Time: 03/16/06 12:30:59
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	86.27998	263.7991	43.97542	4.485132
SDev	.10470	.3689	.06104	.004614
%RSD	.1213517	.1398480	.1388097	.1028635
#1	86.20595	263.5382	43.93225	4.488394
#2	86.35402	264.0599	44.01858	4.481870
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5989	--	--	--	--	--	--
SDev	7.106630	--	--	--	--	--	--
%RSD	.1186589	--	--	--	--	--	--
#1	5984	--	--	--	--	--	--
#2	5994	--	--	--	--	--	--

Calibration Report 03/16/06 12:39:53 PM

Method: TRACE1 Standard Name: NAKCAMG400 Operator:
Run Time: 03/16/06 12:36:52
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	333.8220	988.5113	185.6037	21.18327
SDev	5.0884	14.1960	3.1057	.29009
%RSD	1.524296	1.436094	1.673278	1.369444
#1	330.2239	978.4733	183.4077	20.97814
#2	337.4201	998.5494	187.7998	21.38839
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5702	--	--	--	--	--	--
SDev	76.04954	--	--	--	--	--	--
%RSD	1.333729	--	--	--	--	--	--
#1	5756	--	--	--	--	--	--
#2	5648	--	--	--	--	--	--

Analysis Report Summary 06/26/06 08:07:52 AM page 1

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	STD BLK	1062306	TRACE1	06/23/06	14:27		X	IR
2	STD 1	1062306	TRACE1	06/23/06	14:32		X	IR
3	STD 2	1062306	TRACE1	06/23/06	14:36		X	IR
4	STD 3	1062306	TRACE1	06/23/06	14:41		X	IR
5	STD 3 VER	1062306	TRACE1	06/23/06	14:46	SW	B	CONC
6	ICV	1062306	TRACE1	06/23/06	14:56	SW	Q	CONC
7	ICB	1062306	TRACE1	06/23/06	15:01	SW	B	CONC
8	CRI	1062306	TRACE1	06/23/06	15:06	SW	B	CONC
9	ICSA	1062306	TRACE1	06/23/06	15:11	SW	Q	CONC
10	ICSAB	1062306	TRACE1	06/23/06	15:16	SW	Q	CONC
11	CCV	1062306	TRACE1	06/23/06	15:22	SW	Q	CONC
12	CCB	1062306	TRACE1	06/23/06	15:27	SW	B	CONC
13	AD636755/PB	1062306	TRACE1	06/23/06	15:32	SW	S	CONC
14	AD636754/FB	1062306	TRACE1	06/23/06	15:37	SW	S	CONC
15	AD636736	1062306	TRACE1	06/23/06	15:42	SW	S	CONC
16	AD636737	1062306	TRACE1	06/23/06	16:10	SW	S	CONC
17	AD636737/L (1:5)	1062306	TRACE1	06/23/06	16:15	SW	S	CONC
18	AD636737/PS	1062306	TRACE1	06/23/06	16:20	SW	S	CONC
19	AD636738/MS	1062306	TRACE1	06/23/06	16:25	SW	S	CONC
20	AD636739/SD	1062306	TRACE1	06/23/06	16:30	SW	S	CONC
21	AD636740	1062306	TRACE1	06/23/06	16:35	SW	S	CONC
22	AD636741	1062306	TRACE1	06/23/06	16:40	SW	S	CONC
23	CCV	1062306	TRACE1	06/23/06	16:46	SW	Q	CONC
24	CCB	1062306	TRACE1	06/23/06	16:51	SW	B	CONC
25	AD636742	1062306	TRACE1	06/23/06	16:56	SW	S	CONC
26	AD636743	1062306	TRACE1	06/23/06	17:01	SW	S	CONC
27	AD636744	1062306	TRACE1	06/23/06	17:06	SW	S	CONC
28	AD636745	1062306	TRACE1	06/23/06	17:11	SW	S	CONC
29	AD636746	1062306	TRACE1	06/23/06	17:16	SW	S	CONC
30	AD636747	1062306	TRACE1	06/23/06	17:21	SW	S	CONC
31	AD636748	1062306	TRACE1	06/23/06	17:26	SW	S	CONC
32	AD636749	1062306	TRACE1	06/23/06	17:30	SW	S	CONC
33	AD636750	1062306	TRACE1	06/23/06	17:35	SW	S	CONC
34	AD636751	1062306	TRACE1	06/23/06	17:40	SW	S	CONC
35	CCV	1062306	TRACE1	06/23/06	17:47	SW	Q	CONC
36	CCB	1062306	TRACE1	06/23/06	17:52	SW	B	CONC
37	AD636752	1062306	TRACE1	06/23/06	17:57	SW	S	CONC
38	AD636753	1062306	TRACE1	06/23/06	18:02	SW	S	CONC
39	AD636834/PB	1062306	TRACE1	06/23/06	18:06	SW	S	CONC
40	AD636833/CLPSL	1062306	TRACE1	06/23/06	18:11	SW	S	CONC
41	AD636822	1062306	TRACE1	06/23/06	18:16	SW	S	CONC
42	AD636822/L (1:5)	1062306	TRACE1	06/23/06	18:21	SW	S	CONC
43	AD636822/PS	1062306	TRACE1	06/23/06	18:26	SW	S	CONC
44	AD636823/MS	1062306	TRACE1	06/23/06	18:31	SW	S	CONC
45	AD636824/SD	1062306	TRACE1	06/23/06	18:36	SW	S	CONC
46	AD636825	1062306	TRACE1	06/23/06	18:41	SW	S	CONC
47	CCV	1062306	TRACE1	06/23/06	18:47	SW	Q	CONC
48	CCB	1062306	TRACE1	06/23/06	18:52	SW	B	CONC
49	AD636826	1062306	TRACE1	06/23/06	18:57	SW	S	CONC
50	AD636827	1062306	TRACE1	06/23/06	19:02	SW	S	CONC
51	AD636828	1062306	TRACE1	06/23/06	19:07	SW	S	CONC
52	AD636829	1062306	TRACE1	06/23/06	19:12	SW	S	CONC
53	AD636830	1062306	TRACE1	06/23/06	19:17	SW	S	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
54	AD636831	1062306	TRACE1	06/23/06	19:22	SW	S	CONC
55	AD636832	1062306	TRACE1	06/23/06	19:27	SW	S	CONC
56	AD636958/PB	1062306	TRACE1	06/23/06	19:32	SW	S	CONC
57	AD636957/FB	1062306	TRACE1	06/23/06	19:37	SW	S	CONC
58	AD637007	1062306	TRACE1	06/23/06	19:42	SW	S	CONC
59	CCV	1062306	TRACE1	06/23/06	19:48	SW	Q	CONC
60	CCB	1062306	TRACE1	06/23/06	19:53	SW	B	CONC
61	AD637007/L (1:5)	1062306	TRACE1	06/23/06	19:58	SW	S	CONC
62	AD637007/PS	1062306	TRACE1	06/23/06	20:03	SW	S	CONC
63	AD637008/MS	1062306	TRACE1	06/23/06	20:08	SW	S	CONC
64	AD637009/SD	1062306	TRACE1	06/23/06	20:13	SW	S	CONC
65	AD637010	1062306	TRACE1	06/23/06	20:18	SW	S	CONC
66	AD636943	1062306	TRACE1	06/23/06	20:23	SW	S	CONC
67	AD636944	1062306	TRACE1	06/23/06	20:28	SW	S	CONC
68	AD636947	1062306	TRACE1	06/23/06	20:33	SW	S	CONC
69	AD636948	1062306	TRACE1	06/23/06	20:38	SW	S	CONC
70	AD636949	1062306	TRACE1	06/23/06	20:43	SW	S	CONC
71	CCV	1062306	TRACE1	06/23/06	20:49	SW	Q	CONC
72	CCB	1062306	TRACE1	06/23/06	20:54	SW	B	CONC
73	AD636950	1062306	TRACE1	06/23/06	20:59	SW	S	CONC
74	AD636951	1062306	TRACE1	06/23/06	21:04	SW	S	CONC
75	AD636952	1062306	TRACE1	06/23/06	21:09	SW	S	CONC
76	AD636953	1062306	TRACE1	06/23/06	21:14	SW	S	CONC
77	AD636954	1062306	TRACE1	06/23/06	21:19	SW	S	CONC
78	AD636955	1062306	TRACE1	06/23/06	21:24	SW	S	CONC
79	AD636956	1062306	TRACE1	06/23/06	21:29	SW	S	CONC
80	AD636929/PB	1062306	TRACE1	06/23/06	21:34	SW	S	CONC
81	AD636928/FB	1062306	TRACE1	06/23/06	21:39	SW	S	CONC
82	AD636906	1062306	TRACE1	06/23/06	21:44	SW	S	CONC
83	CCV	1062306	TRACE1	06/23/06	21:50	SW	Q	CONC
84	CCB	1062306	TRACE1	06/23/06	21:55	SW	B	CONC
85	STD BLK	1062306	TRACE1	06/23/06	22:06		X	IR
86	STD 1	1062306	TRACE1	06/23/06	22:11		X	IR
87	STD 2	1062306	TRACE1	06/23/06	22:15		X	IR
88	STD 3	1062306	TRACE1	06/23/06	22:20		X	IR
89	STD 3 VER	1062306	TRACE1	06/23/06	22:25	SW	B	CONC
90	ICV	1062306	TRACE1	06/23/06	22:30	SW	Q	CONC
91	ICB	1062306	TRACE1	06/23/06	22:35	SW	B	CONC
92	CRI	1062306	TRACE1	06/23/06	22:40	SW	B	CONC
93	ICSA	1062306	TRACE1	06/23/06	22:45	SW	Q	CONC
94	ICSAB	1062306	TRACE1	06/23/06	22:50	SW	Q	CONC
95	CCV	1062306	TRACE1	06/23/06	22:56	SW	Q	CONC
96	CCB	1062306	TRACE1	06/23/06	23:01	SW	B	CONC
97	AD636907	1062306	TRACE1	06/23/06	23:06	SW	S	CONC
98	AD636908	1062306	TRACE1	06/23/06	23:11	SW	S	CONC
99	AD636909	1062306	TRACE1	06/23/06	23:16	SW	S	CONC
100	AD636910	1062306	TRACE1	06/23/06	23:21	SW	S	CONC
101	AD636911	1062306	TRACE1	06/23/06	23:26	SW	S	CONC
102	AD636912	1062306	TRACE1	06/23/06	23:31	SW	S	CONC
103	AD636913	1062306	TRACE1	06/23/06	23:36	SW	S	CONC
104	AD636914	1062306	TRACE1	06/23/06	23:41	SW	S	CONC
105	AD636915	1062306	TRACE1	06/23/06	23:46	SW	S	CONC
106	AD636916	1062306	TRACE1	06/23/06	23:51	SW	S	CONC
107	CCV	1062306	TRACE1	06/23/06	23:57	SW	Q	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
108	CCB	1062306	TRACE1	06/24/06	00:02	SW	B	CONC
109	AD636917	1062306	TRACE1	06/24/06	00:07	SW	S	CONC
110	AD636918	1062306	TRACE1	06/24/06	00:12	SW	S	CONC
111	AD636919	1062306	TRACE1	06/24/06	00:17	SW	S	CONC
112	AD636919/L (1:5)	1062306	TRACE1	06/24/06	00:22	SW	S	CONC
113	AD636919/PS	1062306	TRACE1	06/24/06	00:27	SW	S	CONC
114	AD636920/MS	1062306	TRACE1	06/24/06	00:32	SW	S	CONC
115	AD636921/SD	1062306	TRACE1	06/24/06	00:37	SW	S	CONC
116	AD636922	1062306	TRACE1	06/24/06	00:42	SW	S	CONC
117	AD636923	1062306	TRACE1	06/24/06	00:47	SW	S	CONC
118	AD636924	1062306	TRACE1	06/24/06	00:52	SW	S	CONC
119	CCV	1062306	TRACE1	06/24/06	00:58	SW	Q	CONC
120	CCB	1062306	TRACE1	06/24/06	01:03	SW	B	CONC
121	AD636925	1062306	TRACE1	06/24/06	01:08	SW	S	CONC
122	AD636926	1062306	TRACE1	06/24/06	01:13	SW	S	CONC
123	AD636927	1062306	TRACE1	06/24/06	01:18	SW	S	CONC
124	AD636885/PB	1062306	TRACE1	06/24/06	01:23	SW	S	CONC
125	AD636884/FB	1062306	TRACE1	06/24/06	01:28	SW	S	CONC
126	AD636866	1062306	TRACE1	06/24/06	01:33	SW	S	CONC
127	AD636866/L (1:5)	1062306	TRACE1	06/24/06	01:38	SW	S	CONC
128	AD636866/PS	1062306	TRACE1	06/24/06	01:43	SW	S	CONC
129	AD636867/MS	1062306	TRACE1	06/24/06	01:48	SW	S	CONC
130	AD636868/SD	1062306	TRACE1	06/24/06	01:53	SW	S	CONC
131	CCV	1062306	TRACE1	06/24/06	01:59	SW	Q	CONC
132	CCB	1062306	TRACE1	06/24/06	02:04	SW	B	CONC
133	AD636869	1062306	TRACE1	06/24/06	02:09	SW	S	CONC
134	AD636870	1062306	TRACE1	06/24/06	02:14	SW	S	CONC
135	AD636871	1062306	TRACE1	06/24/06	02:19	SW	S	CONC
136	AD636872	1062306	TRACE1	06/24/06	02:24	SW	S	CONC
137	AD636873	1062306	TRACE1	06/24/06	02:29	SW	S	CONC
138	AD636874	1062306	TRACE1	06/24/06	02:34	SW	S	CONC
139	AD636875	1062306	TRACE1	06/24/06	02:39	SW	S	CONC
140	AD636876	1062306	TRACE1	06/24/06	02:44	SW	S	CONC
141	AD636877	1062306	TRACE1	06/24/06	02:49	SW	S	CONC
142	AD636878	1062306	TRACE1	06/24/06	02:54	SW	S	CONC
143	CCV	1062306	TRACE1	06/24/06	03:00	SW	Q	CONC
144	CCB	1062306	TRACE1	06/24/06	03:05	SW	B	CONC
145	AD636879	1062306	TRACE1	06/24/06	03:10	SW	S	CONC
146	AD636880	1062306	TRACE1	06/24/06	03:15	SW	S	CONC
147	AD636881	1062306	TRACE1	06/24/06	03:20	SW	S	CONC
148	AD636882	1062306	TRACE1	06/24/06	03:25	SW	S	CONC
149	AD636883	1062306	TRACE1	06/24/06	03:30	SW	S	CONC
150	AD636905/PB	1062306	TRACE1	06/24/06	03:35	SW	S	CONC
151	AD636904/FB	1062306	TRACE1	06/24/06	03:40	SW	S	CONC
152	AD636886	1062306	TRACE1	06/24/06	03:45	SW	S	CONC
153	AD636886/L (1:5)	1062306	TRACE1	06/24/06	03:50	SW	S	CONC
154	AD636886/PS	1062306	TRACE1	06/24/06	03:55	SW	S	CONC
155	CCV	1062306	TRACE1	06/24/06	04:01	SW	Q	CONC
156	CCB	1062306	TRACE1	06/24/06	04:06	SW	B	CONC
157	AD636887/MS	1062306	TRACE1	06/24/06	04:11	SW	S	CONC
158	AD636888/SD	1062306	TRACE1	06/24/06	04:16	SW	S	CONC
159	AD636889	1062306	TRACE1	06/24/06	04:21	SW	S	CONC
160	AD636890	1062306	TRACE1	06/24/06	04:26	SW	S	CONC
161	AD636891	1062306	TRACE1	06/24/06	04:31	SW	S	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
162	AD636892	1062306	TRACE1	06/24/06	04:36	SW	S	CONC
163	AD636893	1062306	TRACE1	06/24/06	04:41	SW	S	CONC
164	AD636894	1062306	TRACE1	06/24/06	04:46	SW	S	CONC
165	AD636895	1062306	TRACE1	06/24/06	04:51	SW	S	CONC
166	AD636896	1062306	TRACE1	06/24/06	04:56	SW	S	CONC
167	CCV	1062306	TRACE1	06/24/06	05:03	SW	Q	CONC
168	CCB	1062306	TRACE1	06/24/06	05:08	SW	B	CONC
169	STD BLK	1062306	TRACE1	06/24/06	05:19		X	IR
170	STD 1	1062306	TRACE1	06/24/06	05:24		X	IR
171	STD 2	1062306	TRACE1	06/24/06	05:28		X	IR
172	STD 3	1062306	TRACE1	06/24/06	05:33		X	IR
173	STD 3 VER	1062306	TRACE1	06/24/06	05:38	SW	B	CONC
174	ICV	1062306	TRACE1	06/24/06	05:43	SW	Q	CONC
175	ICB	1062306	TRACE1	06/24/06	05:47	SW	B	CONC
176	CRI	1062306	TRACE1	06/24/06	05:52	SW	B	CONC
177	ICSA	1062306	TRACE1	06/24/06	05:57	SW	Q	CONC
178	ICSAB	1062306	TRACE1	06/24/06	06:02	SW	Q	CONC
179	CCV	1062306	TRACE1	06/24/06	06:09	SW	Q	CONC
180	CCB	1062306	TRACE1	06/24/06	06:14	SW	B	CONC
181	AD636897	1062306	TRACE1	06/24/06	06:19	SW	S	CONC
182	AD636898	1062306	TRACE1	06/24/06	06:24	SW	S	CONC
183	AD636899	1062306	TRACE1	06/24/06	06:29	SW	S	CONC
184	AD636900	1062306	TRACE1	06/24/06	06:34	SW	S	CONC
185	AD636901	1062306	TRACE1	06/24/06	06:39	SW	S	CONC
186	AD636902	1062306	TRACE1	06/24/06	06:44	SW	S	CONC
187	AD636903	1062306	TRACE1	06/24/06	06:48	SW	S	CONC
188	AD637058/PB	1062306	TRACE1	06/24/06	06:53	SW	S	CONC
189	AD637057/LCS	1062306	TRACE1	06/24/06	06:58	SW	S	CONC
190	AD637056/LCS	1062306	TRACE1	06/24/06	07:03	SW	S	CONC
191	CCV	1062306	TRACE1	06/24/06	07:10	SW	Q	CONC
192	CCB	1062306	TRACE1	06/24/06	07:15	SW	B	CONC
193	AD637055/EBLK	1062306	TRACE1	06/24/06	07:20	SW	S	CONC
194	AD637047	1062306	TRACE1	06/24/06	07:25	SW	S	CONC
195	AD637047/L (1:5)	1062306	TRACE1	06/24/06	07:30	SW	S	CONC
196	AD637047/PS	1062306	TRACE1	06/24/06	07:35	SW	S	CONC
197	AD637048	1062306	TRACE1	06/24/06	07:40	SW	S	CONC
198	AD637048/L (1:5)	1062306	TRACE1	06/24/06	07:45	SW	S	CONC
199	AD637048/PS	1062306	TRACE1	06/24/06	07:50	SW	S	CONC
200	AD637049	1062306	TRACE1	06/24/06	07:55	SW	S	CONC
201	AD637049/L (1:5)	1062306	TRACE1	06/24/06	08:00	SW	S	CONC
202	AD637049/PS	1062306	TRACE1	06/24/06	08:05	SW	S	CONC
203	CCV	1062306	TRACE1	06/24/06	08:11	SW	Q	CONC
204	CCB	1062306	TRACE1	06/24/06	08:16	SW	B	CONC
205	AD637050	1062306	TRACE1	06/24/06	08:21	SW	S	CONC
206	AD637050/L (1:5)	1062306	TRACE1	06/24/06	08:26	SW	S	CONC
207	AD637050/PS	1062306	TRACE1	06/24/06	08:31	SW	S	CONC
208	AD637051/MS	1062306	TRACE1	06/24/06	08:36	SW	S	CONC
209	AD637052/SD	1062306	TRACE1	06/24/06	08:41	SW	S	CONC
210	AD637053	1062306	TRACE1	06/24/06	08:46	SW	S	CONC
211	AD637053/L (1:5)	1062306	TRACE1	06/24/06	08:51	SW	S	CONC
212	AD637053/PS	1062306	TRACE1	06/24/06	08:56	SW	S	CONC
213	AD637054	1062306	TRACE1	06/24/06	09:01	SW	S	CONC
214	CCV	1062306	TRACE1	06/24/06	09:07	SW	Q	CONC
215	CCB	1062306	TRACE1	06/24/06	09:12	SW	B	CONC

Analysis Report Averages 06/26/06 08:07:52 AM page 5

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
1	STD BLK	.10368	-.01202	.04383	.00224	.08924	.0308
2	STD 1	4.30421	.92344	.42077	.84943	1.4463	
3	STD 2	20.6468	4.61404	1.86049	4.15717	6.76987	
4	STD 3	41.8662	9.27906	3.70474	8.35342	13.3908	38.833
5	STD 3 VER	50.033	1.0020	.99376	.99505	.99002	49.768
6	ICV	18.792	.36840	.35671	.36498	.37351	19.178
7	ICB	.02026	-.00135	.00174	.00000	.00010	-.00151
8	CRI	.22076	.01020	.06001	.00196	.00205	.51760
9	ICSA	495.73	.00142	.02477	-.00783	.00173	488.25
10	ICSAB	503.92	.10878	.00804	.50213	.48349	504.63
11	CCV	24.952	.49499	.47869	.48615	.49782	25.474
12	CCB	.05658	.00037	.00082	.00007	.00028	.02542
13	AD636755/PB	.06749	-.00075	.00631	.00007	.00015	.07343
14	AD636754/FB	9.9416	.20124	.19189	.19699	.19770	9.9650
15	AD636736	.05120	-.00118	.00566	.00053	.00008	.12136
16	AD636737	25.430	.00630	.08589	.68294	.00140	39.622
17	AD636737/L (1:5)	6.4973	-.00068	.01874	.14600	.00053	8.1492
18	AD636737/PS	34.128	.20082	.27145	.85977	.19395	48.375
19	AD636738/MS	30.888	.20836	.27000	.80145	.19981	45.244
20	AD636739/SD	35.587	.20508	.26688	.85476	.19460	44.924
21	AD636740	4.6806	-.00078	.03726	.13077	.00055	67.654
22	AD636741	5.1816	.00025	.03749	.13234	.00055	65.395
23	CCV	25.036	.49257	.47635	.48392	.48995	25.369
24	CCB	.07430	-.00088	.00106	.00009	.00039	.02417
25	AD636742	.29648	.00001	.10765	.02213	.00078	323.89
26	AD636743	.44657	.00168	.15506	.07619	.00068	165.63
27	AD636744	.10090	-.00045	.04027	.10297	.00052	76.525
28	AD636745	46.913	.01713	.08825	.57991	.00286	126.05
29	AD636746	1.0061	.00082	.02480	.02357	.00049	28.089
30	AD636747	1.2642	-.00060	.05215	.05932	.00045	31.822
31	AD636748	.45750	-.00075	.01378	.01135	.00045	38.560
32	AD636749	20.921	.01478	.05768	.14703	.00124	64.290
33	AD636750	.10539	.00439	.01474	.01121	.00066	68.578
34	AD636751	1.3763	.02348	.03097	.09343	.00071	58.749
35	CCV	24.902	.48808	.47259	.47963	.48484	25.148
36	CCB	.08162	-.00020	.00109	.00015	.00056	.02666
37	AD636752	.15611	-.00241	.01985	.09893	.00058	89.104
38	AD636753	.17057	-.00059	.01093	.08501	.00049	60.329
39	AD636834/PB	.05192	-.00081	.00113	.00005	.00035	.02543
40	AD636833/CLPSL	58.724	2.5168	.79858	1.8701	.46953	33.198
41	AD636822	90.892	.05210	.02839	1.0602	.00513	92.795
42	AD636822/L (1:5)	19.669	.01180	.00686	.23147	.00137	20.492
43	AD636822/PS	98.235	.23682	.20598	1.2330	.18486	100.09
44	AD636823/MS	108.05	.40091	.34161	1.5488	.34985	86.202
45	AD636824/SD	114.34	.39730	.34630	1.5840	.34724	82.081
46	AD636825	104.93	.04064	.02507	1.1543	.00627	63.535
47	CCV	24.715	.48139	.46639	.47743	.47563	25.156
48	CCB	.10730	-.00012	.00083	.00016	.00083	.02902
49	AD636826	128.41	.06871	.04126	7.2291	.00748	31.774
50	AD636827	121.98	.04516	.03596	2.7346	.00768	344.43
51	AD636828	121.44	.03544	.02672	2.3876	.00743	52.461
52	AD636829	62.760	.02067	.00031	1.1467	.00447	208.35
53	AD636830	120.44	.07978	.07694	.99215	.00559	H967.73

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
54	AD636831	138.59	.08842	.10648	1.6298	.00692	87.235
55	AD636832	145.10	.06142	.04784	1.7149	.00826	58.833
56	AD636958/PB	H.10830	-.00255	H.00612	.00007	H.00059	H.06729
57	AD636957/FB	10.007	.19930	.19211	.19752	.19212	9.9611
58	AD637007	3.4293	.00151	.05833	.04603	.00078	76.419
59	CCV	24.862	.48401	.46853	.47897	.47554	25.146
60	CCB	.10751	-.00035	.00175	.00025	.00079	.03164
61	AD637007/L (1:5)	.87969	-.00006	.01352	.01009	.00067	15.702
62	AD637007/PS	13.542	.20138	.24548	.24485	.19138	84.331
63	AD637008/MS	13.450	.20716	.24887	.24535	.19665	85.983
64	AD637009/SD	13.333	.20394	.24608	.24209	.19362	84.370
65	AD637010	5.2380	.00204	.02459	.05097	.00078	16.608
66	AD636943	11.448	.05360	2.8064	1.0378	.00106	53.366
67	AD636944	.09479	.00047	.05459	.02703	.00071	100.68
68	AD636947	.12133	.00033	.03240	.06379	.00072	89.210
69	AD636948	.08578	-.00018	.03029	.04081	.00064	91.614
70	AD636949	.08515	.00267	.02162	.07113	.00056	47.315
71	CCV	24.826	.48210	.46816	.47889	.47608	25.055
72	CCB	.06009	-.00133	.00090	.00007	.00061	-.00797
73	AD636950	.08464	-.00110	.03558	.02424	.00066	85.294
74	AD636951	.08256	-.00198	.04377	.07130	.00066	66.908
75	AD636952	.07932	-.00094	.01324	.04204	.00059	78.655
76	AD636953	.07575	-.00070	.01930	.04812	.00055	69.903
77	AD636954	.07644	.00019	.02882	.06499	.00061	94.938
78	AD636955	.06635	.00042	.03256	.03294	.00046	96.115
79	AD636956	.06570	-.00123	.02995	.06745	.00048	67.366
80	AD636929/PB	.09629	-.00207	.00687	.00020	.00054	.10512
81	AD636928/FB	9.9366	.19741	.19044	.19505	.18932	9.8256
82	AD636906	.09410	-.00065	.05532	.05529	.00063	75.303
83	CCV	24.737	.47839	.46535	.47632	.47285	24.899
84	CCB	.06562	.00021	.00063	.00000	.00060	-.00422
85	STD BLK	.08374	-.01431	.04454	.00228	.08509	.0359
86	STD 1	4.16506	.91371	.4154	.8292	1.42934	
87	STD 2	20.4738	4.56317	1.83659	4.12624	6.7862	
88	STD 3	41.374	9.23629	3.66011	8.29224	13.489	38.0499
89	STD 3 VER	49.815	.99124	.98193	.99179	.98844	49.355
90	ICV	18.771	.36887	.35719	.36675	.37791	19.039
91	ICB	.00842	.00057	.00232	.00012	.00012	.00860
92	CRI	.19669	.01081	.05806	.00193	.00198	.51810
93	ICSA	504.40	.00218	.02318	-.00803	.00165	491.98
94	ICSAB	494.46	.10554	.00887	.49353	.47732	490.14
95	CCV	25.065	.49449	.47544	.49104	.50432	25.370
96	CCB	.00354	.00114	.00107	.00006	.00001	.01073
97	AD636907	.02426	.00147	.10432	.03148	.00012	174.58
98	AD636908	.30436	.00104	.03800	.09384	.00005	97.201
99	AD636909	.10666	-.00151	.06648	.10278	.00022	136.47
100	AD636910	.12865	.00164	.04319	.12548	.00007	185.25
101	AD636911	.10519	-.00057	.04973	.05159	-.00006	81.399
102	AD636912	.12282	.00228	.14180	.03069	.00100	340.77
103	AD636913	.14157	-.00046	.05996	.08405	-.00005	110.44
104	AD636914	.01516	.00314	.05400	.71259	.00004	102.67
105	AD636915	.01175	.00256	.04561	.36466	.00000	58.099
106	AD636916	.03181	.00322	.03274	.35281	-.00002	58.767
107	CCV	24.836	.48384	.47027	.48709	.49995	24.739

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
108	CCB	.00738	.00188	.00026	.00011	.00005	.02416
109	AD636917	-.00459	.00328	.03687	.40314	-.00009	65.628
110	AD636918	-.01164	.00279	.04901	.34222	-.00008	69.070
111	AD636919	.05539	.00431	.03211	.42688	.00003	93.217
112	AD636919/L (1:5)	-.00533	.00067	.00660	.08299	-.00003	18.571
113	AD636919/PS	9.9062	.20715	.22517	.61399	.20664	100.02
114	AD636920/MS	10.261	.20886	.22513	.61628	.20875	100.58
115	AD636921/SD	9.6935	.20673	.21542	.60910	.20718	101.34
116	AD636922	.01498	.00491	.04499	.39209	-.00004	72.399
117	AD636923	.00501	.00143	.04574	.09764	-.00005	84.968
118	AD636924	-.00848	.00060	.01872	.03705	-.00008	104.19
119	CCV	24.708	.48110	.46624	.48964	.50612	24.882
120	CCB	-.00164	.00308	.00070	.00021	.00001	.02828
121	AD636925	.02089	.00148	.03701	.07681	.00002	142.16
122	AD636926	.01844	-.00034	.05253	.05934	.00007	133.22
123	AD636927	.01719	-.00048	.02787	.12099	.00001	159.18
124	AD636885/PB	.14029	.00000	.03431	.00023	-.00007	.41288
125	AD636884/FB	10.024	.20354	.20133	.19983	.21378	10.240
126	AD636866	.00374	.00364	.02402	.37358	-.00005	48.052
127	AD636866/L (1:5)	-.01127	.00206	.00399	.07483	-.00004	9.7590
128	AD636866/PS	9.8206	.20603	.21622	.55923	.20738	55.655
129	AD636867/MS	9.9296	.20487	.20985	.56605	.20282	57.443
130	AD636868/SD	9.9413	.20241	.21035	.56570	.20228	57.441
131	CCV	24.642	.48500	.46631	.48305	.50511	24.688
132	CCB	L-.04554	.00043	.00096	.00012	-.00008	.02437
133	AD636869	-.02550	.00205	.11110	.27695	.00005	119.03
134	AD636870	.45461	.00305	.01620	.43280	-.00005	63.327
135	AD636871	-.00230	.00545	.06151	.64871	.00001	74.172
136	AD636872	.16564	.00224	.09211	.56935	-.00005	100.73
137	AD636873	.00890	.01168	.07363	.39674	-.00002	88.437
138	AD636874	.06609	.40534	.64520	3.4294	.00042	150.21
139	AD636875	.04054	.00471	.25158	1.0241	.00003	158.72
140	AD636876	-.01693	.03471	.95738	2.6051	.00008	172.33
141	AD636877	-.00527	.03612	.47752	1.2917	-.00003	153.77
142	AD636878	.02957	.07422	.30149	.86947	-.00001	129.47
143	CCV	25.135	.48718	.47210	.49639	.51650	25.136
144	CCB	-.03453	-.00020	.00128	.00012	-.00015	.01735
145	AD636879	-.02272	.08599	1.1237	1.1232	.00011	255.20
146	AD636880	-.02383	-.00096	.05043	.06780	-.00011	43.503
147	AD636881	.00116	.00193	.03913	.07325	-.00004	48.931
148	AD636882	.00427	-.00007	.05274	.07673	-.00016	42.969
149	AD636883	.01066	.00079	.04764	.07480	-.00017	42.409
150	AD636905/PB	-.00299	.00000	.00499	.00002	-.00026	.08339
151	AD636904/FB	10.517	.20758	.20267	.21313	.21663	10.265
152	AD636886	-.02933	.00261	.02501	.38396	-.00011	48.791
153	AD636886/L (1:5)	-.03027	.00105	.00459	.07616	-.00016	9.9798
154	AD636886/PS	9.8050	.20680	.21594	.56760	.20762	57.029
155	CCV	24.753	.48353	.46913	.48381	.50997	24.862
156	CCB	-.02611	.00064	.00152	.00011	.00000	.01977
157	AD636887/MS	9.8565	.19971	.20744	.57406	.20297	57.250
158	AD636888/SD	10.447	.21007	.21713	.59915	.22079	59.510
159	AD636889	-.01411	.00003	.11170	.28100	-.00007	120.69
160	AD636890	-.01139	-.00018	.01482	.41400	-.00011	62.902
161	AD636891	-.00950	.00504	.06188	.65544	-.00006	75.618

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
162	AD636892	-.00548	.00117	.08979	.55575	-.00011	99.508
163	AD636893	-.00608	.00842	.06257	.41508	-.00016	96.836
164	AD636894	-.01362	.11179	.65003	2.8699	-.00007	147.44
165	AD636895	-.03101	.00582	.23995	.96326	.00006	151.90
166	AD636896	-.01146	.02554	.95188	2.6160	-.00004	165.32
167	CCV	24.775	.48443	.47214	.48663	.51454	24.949
168	CCB	-.02726	.00059	.00159	.00011	-.00003	.02201
169	STD BLK	.08466	-.01394	.04731	.0026	.0848	.03614
170	STD 1	4.07654	.88848	.40974	.82709	1.40584	
171	STD 2	19.9288	4.427	1.79788	4.04666	6.48636	
172	STD 3	40.5014	8.96991	3.58926	8.13719	12.8347	37.6273
173	STD 3 VER	51.726	1.0229	1.0198	1.0228	1.0089	50.846
174	ICV	19.516	.38123	.36846	.37833	.38708	19.580
175	ICB	.02248	-.00084	.00061	.00020	.00020	.00337
176	CRI	.19813	.01057	.05965	.00205	.00202	.52354
177	ICSA	500.39	.00176	.02318	-.00781	.00163	487.53
178	ICSAB	502.71	.10197	.00856	.49899	.48003	493.47
179	CCV	25.603	.50173	.48451	.49726	.50793	25.781
180	CCB	.04695	.00031	.00086	.00020	.00039	.01108
181	AD636897	.06928	.00911	.48410	1.2647	.00042	155.65
182	AD636898	.04560	.05683	.31390	.84808	.00018	130.05
183	AD636899	.02430	.08229	1.1598	1.1541	.00013	263.42
184	AD636900	.05619	.03556	.07218	.07572	.00019	88.719
185	AD636901	.06656	.00118	.02494	.06722	.00015	161.09
186	AD636902	.06759	.00010	.01453	.06335	.00027	78.053
187	AD636903	.05758	.00782	.03030	.10255	.00018	83.163
188	AD637058/PB	.03095	.00035	.00200	.00011	.00003	.04959
189	AD637057/LCS	.01481	1.0198	-.00106	1.0033	1.0194	.06724
190	AD637056/LCS	.05671	.98849	.03357	.95604	.92706	.82636
191	CCV	24.982	.49157	.47365	.48599	.49973	24.936
192	CCB	.02348	.00028	.00000	-.00002	.00012	-.00682
193	AD637055/EBLK	.07044	-.00241	.03867	H.02270	.00039	H.84381
194	AD637047	.05128	.00261	.58854	.10887	.00038	78.521
195	AD637047/L (1:5)	.01094	-.00003	.11538	.02204	.00001	16.054
196	AD637047/PS	.00950	1.0969	.59923	1.1735	1.1220	79.537
197	AD637048	.10444	.00060	.15111	.33928	.00080	642.05
198	AD637048/L (1:5)	.04890	-.00141	.03101	.07048	.00045	131.73
199	AD637048/PS	.12169	1.0684	.15276	1.3614	.99508	658.32
200	AD637049	.36395	.00129	.18764	.13982	.00052	175.04
201	AD637049/L (1:5)	.08475	.00104	.03595	.02844	.00015	35.415
202	AD637049/PS	.34317	1.0905	.18644	1.1958	1.1045	175.64
203	CCV	24.749	.48807	.46861	.48856	.50146	24.848
204	CCB	.02693	-.00031	.00007	.00010	.00024	-.00186
205	AD637050	.05506	-.00362	.18487	.55315	.00149	54.891
206	AD637050/L (1:5)	.02577	-.00021	.03490	.11089	.00033	11.223
207	AD637050/PS	.05777	1.0314	.18010	1.5523	.99404	54.872
208	AD637051/MS	.04922	.94544	.17122	1.4356	.88795	52.282
209	AD637052/SD	.04641	.92730	.16719	1.4094	.87277	51.011
210	AD637053	.32929	.01109	.07522	.38148	.00037	114.77
211	AD637053/L (1:5)	.04267	.00252	.01365	.07824	-.00005	23.719
212	AD637053/PS	.33623	1.0722	.07246	1.3851	1.0534	115.04
213	AD637054	.47134	.02041	.08115	.42038	.00052	108.55
214	CCV	24.812	.48890	.47037	.48620	.50117	24.857
215	CCB	.01964	.00034	-.00135	.00020	.00015	.00141

Analysis Report Averages 06/26/06 08:07:52 AM page 9

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
1	STD BLK	.00398	-.00655	.00755	.00282	-.00066	-.01949
2	STD 1	1.81386	.78179	.67469	.45913	.71288	
3	STD 2	8.72197	3.86562	3.28345	2.24701	3.486	
4	STD 3	17.4995	7.7272	6.57345	4.5431	6.98282	150.476
5	STD 3 VER	.99493	.99223	.99472	.99824	49.722	49.723
6	ICV	.37607	.37129	.37319	.38697	18.785	19.335
7	ICB	.00006	-.00001	-.00016	-.00027	-.00965	.01982
8	CRI	.00080	.00379	.00314	.00881	.04057	.52587
9	ICSA	.00114	.00103	-.00161	-.00047	190.10	.00577
10	ICSAB	.96928	.48216	.48688	.53432	96.447	-.00830
11	CCV	.50512	.49618	.50003	.51481	25.215	25.579
12	CCB	.00010	.00008	-.00017	-.00099	.00166	.00393
13	AD636755/PB	.00000	.00026	-.00053	-.00104	.00822	.01542
14	AD636754/FB	.20897	.19840	.20206	.20759	10.145	10.444
15	AD636736	.00002	.00024	.00075	-.00059	.01897	.01420
16	AD636737	-.00010	.01032	.03453	.02775	28.664	10.638
17	AD636737/L (1:5)	-.00004	.00186	.00784	.00446	5.9913	2.7484
18	AD636737/PS	.20060	.20204	.22874	.23042	37.872	20.504
19	AD636738/MS	.20985	.20724	.23226	.23193	33.411	18.950
20	AD636739/SD	.20389	.20310	.23305	.23003	38.728	20.295
21	AD636740	-.00007	.00626	.00594	.00978	3.9449	15.398
22	AD636741	-.00004	.00615	.00680	.01056	4.4279	14.949
23	CCV	.50503	.49153	.49581	.51125	25.102	25.692
24	CCB	.00005	.00046	-.00048	-.00152	.00526	.00684
25	AD636742	.00012	.00033	.00020	-.00065	.18518	13.230
26	AD636743	.00010	.00004	.00231	-.00036	.36555	10.953
27	AD636744	-.00009	-.00013	.00020	-.00021	.02422	4.7369
28	AD636745	.00002	.03753	.06116	.07576	62.914	18.072
29	AD636746	-.00010	.00098	.00466	.00453	.95591	1.2204
30	AD636747	-.00009	.00065	.00141	-.00002	.92632	6.8806
31	AD636748	-.00008	.00006	.00018	-.00101	.45520	.73035
32	AD636749	.00000	.00921	.02264	.02681	23.180	6.1556
33	AD636750	-.00071	.01028	-.00138	-.00161	104.83	.41756
34	AD636751	-.00031	.00553	.00043	.00147	111.27	2.2624
35	CCV	.50451	.48852	.49163	.50823	24.967	25.645
36	CCB	.00014	.00017	-.00044	-.00158	.01683	-.00122
37	AD636752	.00002	.00457	-.00043	-.00101	24.014	.84058
38	AD636753	.00000	.00074	-.00048	-.00124	8.7857	.93530
39	AD636834/PB	.00010	-.00030	.00013	-.00124	.02539	.00328
40	AD636833/CLPSL	.90695	.90007	1.9373	.78983	88.849	26.564
41	AD636822	.00181	.04312	.26387	.16569	108.62	16.008
42	AD636822/L (1:5)	.00017	.00969	.05805	.03398	23.962	3.4550
43	AD636822/PS	.19144	.22350	.44307	.35644	115.28	26.024
44	AD636823/MS	.37781	.39505	.65961	.55755	125.43	35.558
45	AD636824/SD	.37634	.39285	.61289	.54452	129.58	36.517
46	AD636825	.00144	.04479	.21318	.19446	120.88	19.607
47	CCV	.50593	.48387	.48641	.49808	24.750	26.493
48	CCB	.00020	.00032	-.00003	-.00176	.01818	.03164
49	AD636826	-.00017	.06701	.12036	.10705	148.59	24.552
50	AD636827	.00283	.07213	.11074	.17498	149.65	22.009
51	AD636828	.00049	.06056	.11590	.14702	148.97	20.995
52	AD636829	.00174	.04982	.06864	.07232	95.838	12.682
53	AD636830	.01940	.03876	5.7468	.85679	107.64	67.271

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
54	AD636831	.00273	.06073	2.4364	1.2104	151.41	27.979
55	AD636832	.00188	.06320	.36670	.22992	172.05	26.048
56	AD636958/PB	-.00005	-.00025	-.00036	-.00185	-.00198	.00807
57	AD636957/FB	.21143	.19674	.19961	.20387	10.142	10.885
58	AD637007	.00004	.00218	.00399	.00633	3.4750	6.1294
59	CCV	.50485	.48527	.48727	.50313	24.946	26.013
60	CCB	.00010	.00017	-.00011	-.00159	.01940	.01820
61	AD637007/L (1:5)	-.00010	.00076	.00105	.00027	.72499	1.2766
62	AD637007/PS	.20325	.19531	.20013	.21273	13.580	16.895
63	AD637008/MS	.21203	.20123	.20735	.22103	13.999	16.864
64	AD637009/SD	.20787	.19813	.20400	.21714	13.969	16.601
65	AD637010	-.00009	.00229	.00527	.01278	6.7386	3.3611
66	AD636943	-.00009	.00551	.01310	.00812	14.007	130.39
67	AD636944	-.00004	.00026	.00002	.02209	.12281	2.5831
68	AD636947	.00003	.00037	.00224	.00257	.41629	8.3693
69	AD636948	-.00016	.00027	.00019	.00433	-.00643	7.8816
70	AD636949	-.00005	-.00036	-.00051	.00863	.36505	1.7409
71	CCV	.50348	.48591	.48815	.50337	24.925	26.026
72	CCB	-.00010	.00012	-.00025	-.00144	.00097	.00315
73	AD636950	-.00010	.00021	.00002	.00990	.00592	2.7754
74	AD636951	-.00008	.00056	-.00042	-.00118	6.5529	1.9340
75	AD636952	-.00015	.00025	.00000	.01471	-.00022	1.2057
76	AD636953	.00000	-.00005	-.00013	.01957	-.00754	1.3131
77	AD636954	.00021	.00028	.00099	.06737	.02439	1.3682
78	AD636955	-.00009	-.00003	-.00050	.00551	.04726	1.3368
79	AD636956	-.00005	-.00025	-.00026	.00638	-.01412	2.7575
80	AD636929/PB	-.00020	.00027	-.00022	-.00186	.00529	.01051
81	AD636928/FB	.20827	.19382	.19668	.20159	9.9750	10.805
82	AD636906	.00007	.00033	.00013	-.00068	.09037	5.3244
83	CCV	.49966	.48240	.48466	.50199	24.688	25.939
84	CCB	-.00001	.00027	-.00017	-.00150	-.00522	.01719
85	STD BLK	.00372	-.00812	.00448	.00677	.00144	-.16612
86	STD 1	1.73923	.77442	.66233	.45611	.68989	
87	STD 2	8.50751	3.86623	3.29081	2.25657	3.42074	
88	STD 3	17.0354	7.76546	6.61005	4.54694	6.85835	158.262
89	STD 3 VER	.98464	.98826	.99139	.99484	49.431	49.311
90	ICV	.37140	.37272	.37676	.38872	18.804	19.110
91	ICB	.00020	.00060	.00034	.00039	-.01071	-.00085
92	CRI	.00106	.00446	.00383	.01035	.03010	.51865
93	ICSA	.00436	.00121	-.00141	.00320	191.76	-.01158
94	ICSAB	.92985	.47328	.47750	.52718	93.898	-.00886
95	CCV	.49503	.49694	.50213	.52166	25.048	25.374
96	CCB	.00034	.00032	.00002	.00044	-.01069	.00259
97	AD636907	.00020	.00034	-.00002	.00194	-.00240	4.1675
98	AD636908	.00017	.00135	.00094	.00163	.23445	3.4440
99	AD636909	.00008	.00050	.00064	.00207	.06345	5.0267
100	AD636910	.00011	.00400	.00049	.00338	.10211	4.9044
101	AD636911	.00009	.00138	.00014	.00317	.05058	5.2803
102	AD636912	.00017	.00516	.00052	.00132	2.3535	5.7147
103	AD636913	.00012	.00119	.00053	.00233	.09662	2.7494
104	AD636914	-.00006	.00040	.00002	.00559	-.01511	1.4811
105	AD636915	-.00012	.00015	.00001	.00375	-.02014	.92367
106	AD636916	.00008	.00048	-.00026	.00299	-.01198	.70325
107	CCV	.47960	.48719	.49314	.51762	24.511	25.776

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
108	CCB	.00050	.00055	-.00025	.00102	-.00570	.01000
109	AD636917	.00024	.00036	.00036	.00516	-.01699	.81293
110	AD636918	.00003	.00064	.00030	.01380	-.00881	1.1011
111	AD636919	-.00001	.00054	.00043	.00368	-.00757	.95772
112	AD636919/L (1:5)	.00000	.00041	-.00006	.00144	-.02126	.17278
113	AD636919/PS	.19880	.19848	.20375	.21676	10.158	11.967
114	AD636920/MS	.20364	.20085	.20794	.22124	10.198	11.957
115	AD636921/SD	.20190	.20006	.20609	.22086	10.166	11.346
116	AD636922	.00019	.00046	-.00002	.00323	-.01886	.88267
117	AD636923	.00001	.00056	.00201	.00271	-.02079	1.3716
118	AD636924	.00008	.00182	.00078	.00579	-.01209	.14919
119	CCV	.47444	.48872	.49915	.51423	24.382	25.673
120	CCB	.00034	.00067	.00040	.00139	-.01381	-.00336
121	AD636925	.00014	.00021	-.00014	.00460	-.02520	1.5913
122	AD636926	-.00003	.00052	.00051	.00610	-.02664	1.7246
123	AD636927	.00011	.00242	.00036	.00507	-.02542	1.3874
124	AD636885/PB	.00000	.00034	-.00005	.00197	-.01696	-.00309
125	AD636884/FB	.19965	.20342	.21286	.21994	10.150	10.136
126	AD636866	.00030	.00002	.00046	.00573	-.01002	1.4362
127	AD636866/L (1:5)	.00007	.00046	.00021	.00190	-.01639	.27490
128	AD636866/PS	.19661	.19801	.20376	.21225	10.109	12.415
129	AD636867/MS	.19692	.19567	.20351	.21245	9.9152	11.952
130	AD636868/SD	.19568	.19546	.20223	.21149	9.8632	11.938
131	CCV	.47253	.48827	.49654	.51659	24.331	25.618
132	CCB	.00009	.00032	-.00022	.00382	-.02230	.01369
133	AD636869	.00016	.00085	.00038	.00718	-.00546	2.9547
134	AD636870	.00018	.00051	.00256	.00381	.41573	1.0065
135	AD636871	.00012	.00067	-.00046	.00190	-.02658	1.2101
136	AD636872	.00017	.00091	.00068	.00266	.11890	1.7723
137	AD636873	.00010	.00055	.00033	.00226	-.00754	1.7561
138	AD636874	.00134	.00948	.29607	.11928	38.179	16.474
139	AD636875	.00033	.00278	.00021	.00818	.06436	4.8116
140	AD636876	.00027	.01179	.00310	.00752	4.3681	39.378
141	AD636877	.00021	.00342	.00469	.03598	2.3038	11.453
142	AD636878	.00036	.00632	.00899	.01074	8.2634	7.9656
143	CCV	.47460	.49672	.50826	.52430	24.637	26.315
144	CCB	.00014	.00018	.00041	.00216	-.01694	-.01138
145	AD636879	.00029	.01116	.00226	.00488	6.5431	4.0877
146	AD636880	.00006	.00050	.00009	.00481	.00279	3.8951
147	AD636881	.00003	.00082	.00016	.00188	1.1658	3.7831
148	AD636882	.00008	.00012	.00015	.00327	.22681	3.8199
149	AD636883	-.00006	.00073	-.00012	.01654	.10237	3.7505
150	AD636905/PB	.00017	.00043	-.00019	.00242	-.01875	-.00692
151	AD636904/FB	.20134	.20717	.21611	.22318	10.277	11.176
152	AD636886	.00028	.00052	.00071	.00605	-.01910	1.4202
153	AD636886/L (1:5)	.00000	.00029	.00008	.00267	-.02252	.27863
154	AD636886/PS	.19554	.19827	.20425	.21258	10.041	12.300
155	CCV	.47390	.49182	.50151	.51832	24.408	25.477
156	CCB	.00045	.00071	.00015	.00283	-.01707	.00190
157	AD636887/MS	.18766	.19292	.20217	.62260	9.6543	12.298
158	AD636888/SD	.19571	.20580	.21835	.22511	10.144	12.236
159	AD636889	.00006	.00051	.00006	.00436	-.02091	2.7985
160	AD636890	-.00001	.00066	-.00019	.00210	-.02199	.83479
161	AD636891	.00006	.00017	-.00019	.00232	-.03149	1.2120

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
162	AD636892	.00027	.00056	-.00011	.00249	-.01198	1.7011
163	AD636893	.00000	.00051	.00019	.00262	-.02331	1.8765
164	AD636894	.00077	.00560	.00065	.00383	12.286	16.446
165	AD636895	.00046	.00246	.00017	.00896	-.01419	4.6084
166	AD636896	.00030	.01187	.00167	.00443	3.3120	41.570
167	CCV	.47517	.49466	.50349	.51925	24.536	25.872
168	CCB	.00019	.00016	-.00026	.00262	-.01130	.00063
169	STD BLK	.00731	-.00721	.00371	.00638	.00134	-.11205
170	STD 1	1.70643	.76058	.65694	.44792	.67766	
171	STD 2	8.58845	3.75317	3.19185	2.17053	3.39139	
172	STD 3	17.2464	7.50925	6.37829	4.39978	6.76984	149.223
173	STD 3 VER	1.0265	1.0141	1.0141	1.0256	51.009	50.997
174	ICV	.38516	.38248	.38507	Q.40052	19.407	19.655
175	ICB	-.00020	.00031	.00015	-.00077	-.00872	-.01034
176	CRI	.00083	.00425	.00443	.01038	.03339	.56565
177	ICSA	.00201	.00145	-.00107	.00163	190.83	-.01462
178	ICSAB	.94570	.47630	.48050	.53236	95.672	.02184
179	CCV	.50707	.50283	.50630	.52770	25.502	25.858
180	CCB	-.00001	.00061	.00006	-.00125	-.00564	.04827
181	AD636897	-.00013	.00335	.00096	.00696	.27138	11.334
182	AD636898	-.00017	.00590	.00065	.00047	6.4355	8.4226
183	AD636899	.00000	.01163	.00128	.00073	6.4133	4.3994
184	AD636900	-.00026	.00573	.00035	-.00111	18.247	.64963
185	AD636901	-.00028	.00024	.00025	-.00100	.41297	2.2268
186	AD636902	-.00018	.00226	.00041	-.00128	-.01266	.87661
187	AD636903	-.00022	.00124	.00013	-.00129	9.4283	1.2649
188	AD637058/PB	-.00015	.00047	.00013	-.00109	-.00936	-.00617
189	AD637057/LCS	1.0049	1.0103	1.0205	1.0418	-.01885	.00519
190	AD637056/LCS	.96576	.94291	.94982	1.0011	.02453	2.5231
191	CCV	.49510	.49262	.49751	.51536	25.044	25.061
192	CCB	-.00043	.00032	.00067	-.00142	-.01245	.03320
193	AD637055/EBLK	-.00017	.00024	.00070	-.00024	.03069	H2.4525
194	AD637047	-.00017	.04092	.00508	-.00034	.20811	62.383
195	AD637047/L (1:5)	-.00013	.00844	.00139	.00002	.02621	13.721
196	AD637047/PS	1.0319	1.1096	1.0781	1.0899	.18944	63.293
197	AD637048	.00212	.01685	.00037	.00117	.04435	5.3030
198	AD637048/L (1:5)	.00017	.00385	.00017	-.00075	.00637	.85044
199	AD637048/PS	1.0383	1.0258	1.0130	1.0832	.05950	5.3284
200	AD637049	-.00010	.00352	.00111	.00041	.43676	10.483
201	AD637049/L (1:5)	-.00015	.00068	.00040	-.00028	.07595	1.8322
202	AD637049/PS	1.0229	1.0608	1.0652	1.0986	.42697	10.542
203	CCV	.49002	.49027	.49527	.51000	24.768	25.683
204	CCB	-.00014	.00019	.00023	-.00134	-.01431	.00479
205	AD637050	.00676	.03511	L-.00602	.00730	731.74	6.6091
206	AD637050/L (1:5)	.00065	.00715	-.00140	.00127	148.19	1.0318
207	AD637050/PS	1.0199	1.0295	.99503	1.0625	732.02	6.6490
208	AD637051/MS	.92064	.93091	.90789	.98994	695.59	6.2802
209	AD637052/SD	.90403	.91425	.89198	.97273	679.99	6.0898
210	AD637053	.00145	.00302	.00038	.00462	.13629	5.7494
211	AD637053/L (1:5)	.00021	.00109	.00030	.00252	.02403	.89700
212	AD637053/PS	1.0410	1.0349	1.0343	1.0691	.13184	5.9741
213	AD637054	.00151	.00406	.00102	.00357	.22852	5.8855
214	CCV	.49392	.49190	.49773	.51088	25.104	25.103
215	CCB	-.00003	.00034	.00010	-.00102	-.00570	.00421

#	Sample Name	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
1	STD BLK	.00797	.00107	.00597	-.01004	.04518	-.00904
2	STD 1		.3987		.59534	.5137	2.85519
3	STD 2		1.94958		2.92382	2.43695	13.7063
4	STD 3	19.1867	3.90812	2.27035	5.86427	4.84776	27.4571
5	STD 3 VER	49.861	.99300	50.158	.98922	1.0064	.98204
6	ICV	18.925	.37925	18.506	.37939	.37589	.37496
7	ICB	-.00010	.00003	.05096	.00037	-.00241	-.00126
8	CRI	.21006	.00294	.91558	.00982	.00131	.00313
9	ICSA	460.75	-.00260	.00137	.00048	-.01743	.04894
10	ICSAB	457.37	.48205	.06172	.91168	.01136	.07861
11	CCV	24.964	.50686	24.717	.50351	.50858	.49611
12	CCB	.02875	.00001	.01187	.00055	-.00417	-.00069
13	AD636755/PB	.01849	.00013	.05331	.00045	-.00499	-.00200
14	AD636754/FB	9.8744	.19568	9.8039	.20744	.20034	.19848
15	AD636736	.01769	.00060	.22105	.00096	-.00267	.00059
16	AD636737	18.024	.58021	16.560	.03068	.00901	.01590
17	AD636737/L (1:5)	3.8398	.11792	3.3855	.00670	-.00260	.00220
18	AD636737/PS	27.368	.75722	25.973	.22646	.20673	.20707
19	AD636738/MS	25.472	.60712	26.647	.23202	.20943	.20877
20	AD636739/SD	26.872	.65072	25.651	.23128	.20547	.20683
21	AD636740	18.772	2.1166	1.8302	.00960	-.00370	.00336
22	AD636741	18.296	2.0542	1.9144	.00928	-.00308	.00284
23	CCV	24.815	.50059	24.648	.50143	.50183	.49002
24	CCB	.02706	.00003	-.04469	.00047	-.00463	.00013
25	AD636742	162.66	.06806	6.0720	.00436	-.00129	-.00021
26	AD636743	88.240	.08750	3.9340	.00136	-.00216	.00057
27	AD636744	23.948	.00143	8.1909	.00034	-.00088	-.00126
28	AD636745	63.155	1.4011	5.1541	.07147	.03963	.04792
29	AD636746	8.5771	.37000	2.5110	.00275	-.00069	.00251
30	AD636747	9.4722	.04793	3.7523	.00091	-.00318	.00066
31	AD636748	11.907	.00833	1.1041	.00042	-.00054	-.00157
32	AD636749	20.054	.44028	28.160	.02079	.00604	.01195
33	AD636750	19.544	2.0557	10.079	.00145	-.00397	.00117
34	AD636751	10.610	1.7332	5.4133	.00314	.00125	.00032
35	CCV	24.538	.49602	24.449	.49684	.49523	.48557
36	CCB	.02704	.00006	-.11071	.00026	-.00613	.00100
37	AD636752	17.880	2.9588	20.851	.00185	-.00434	.00039
38	AD636753	13.943	.66539	57.303	.00125	-.00508	.00155
39	AD636834/PB	.00199	.00021	-.00698	-.00016	-.00102	.00053
40	AD636833/CLPSL	18.785	3.6016	9.5664	1.0604	1.4289	1.3878
41	AD636822	25.627	1.9733	1.2352	.10435	2.0736	2.0106
42	AD636822/L (1:5)	5.6827	.43281	.19257	.02258	.45226	.45477
43	AD636822/PS	34.032	2.0934	10.610	.28614	2.2287	2.1643
44	AD636823/MS	43.729	1.6426	19.333	.47519	1.6772	1.6289
45	AD636824/SD	44.013	1.5960	19.427	.47551	1.2548	1.2243
46	AD636825	24.362	1.7662	1.5216	.11893	.66517	.65141
47	CCV	24.220	.48582	24.272	.49323	.50052	.48634
48	CCB	.03455	.00017	.04376	.00009	-.00261	-.00188
49	AD636826	48.225	1.7402	2.4758	.14338	.07958	.09744
50	AD636827	47.618	4.7065	2.5048	.15225	.08665	.09931
51	AD636828	43.648	3.1763	2.3700	.14024	.08911	.10217
52	AD636829	33.619	1.6391	3.5262	.08383	.06215	.07028
53	AD636830	35.786	1.6555	7.2627	.25452	1.8869	1.8275

#	Sample Name	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
54	AD636831	37.785	1.5137	11.179	.18661	2.4994	2.4131
55	AD636832	36.706	3.1141	5.4490	.15286	2.8692	2.7678
56	AD636958/PB	.00208	.00021	.02840	.00011	-.00459	.00065
57	AD636957/FB	9.7016	.19133	9.7827	.20692	.19902	.19714
58	AD637007	9.4854	.11819	21.897	.00683	-.00086	.00270
59	CCV	24.396	.49079	24.437	.49614	.49818	.48412
60	CCB	.03305	.00024	.01881	.00013	-.00236	-.00055
61	AD637007/L (1:5)	1.9682	.02424	4.3709	.00154	-.00499	.00101
62	AD637007/PS	19.097	.30793	31.291	.20568	.19811	.19504
63	AD637008/MS	19.343	.31582	31.977	.21576	.20549	.20219
64	AD637009/SD	19.034	.31198	31.640	.21215	.20108	.19579
65	AD637010	3.3069	.40017	24.970	.00672	.00123	.00484
66	AD636943	128.04	.60094	H533.41	.04819	.00135	.00857
67	AD636944	49.892	.00667	12.024	.00262	-.00217	-.00010
68	AD636947	48.828	.00379	17.864	.00070	.00331	.00704
69	AD636948	45.484	.00004	14.114	.00019	-.00469	.00138
70	AD636949	35.076	.00462	3.4388	.00011	-.00242	.00070
71	CCV	24.307	.49137	24.479	.49486	.49834	.48480
72	CCB	-.00041	.00002	-.09062	-.00011	-.00375	-.00206
73	AD636950	43.036	.00026	10.745	.00106	-.00344	-.00011
74	AD636951	34.984	.07388	6.7259	.00016	-.00450	.00116
75	AD636952	39.002	.00008	2.9811	.00014	-.00334	.00046
76	AD636953	39.725	.00013	6.4904	-.00041	-.00353	-.00067
77	AD636954	51.666	.00015	8.2940	.00100	-.00228	.00098
78	AD636955	49.821	.00025	8.7566	.00029	-.00253	.00098
79	AD636956	37.616	.00397	5.9672	-.00051	-.00214	.00106
80	AD636929/PB	.01493	.00058	.24915	.00035	-.00421	-.00176
81	AD636928/FB	9.5466	.18852	9.8711	.20277	.19857	.19224
82	AD636906	25.578	.18206	5.4431	.00099	-.00203	.00039
83	CCV	24.204	.48850	24.357	.49141	.49528	.47842
84	CCB	.00446	.00000	.04344	.00016	-.00179	-.00050
85	STD BLK	.00736	.00169	.01134	-.00837	.01821	-.00448
86	STD 1		.38969		.57299	.5178	2.77431
87	STD 2		1.93234		2.875	2.42818	13.7863
88	STD 3	18.9796	3.88367	2.25384	5.75134	4.85017	27.5742
89	STD 3 VER	49.574	.99181	49.848	.98749	.97927	.98948
90	ICV	18.928	.38239	18.583	.37874	.37461	.37758
91	ICB	.00285	-.00006	-.15346	.00062	.00113	.00038
92	CRI	.21012	.00288	.89687	.00968	.00602	.00474
93	ICSA	469.11	-.00133	-.00506	.00085	-.02158	.04797
94	ICSAB	450.91	.47640	-.03924	.89351	.00889	.07673
95	CCV	25.140	.51033	24.774	.50555	.49696	.50091
96	CCB	.00622	-.00011	-.09710	.00020	.00109	-.00004
97	AD636907	188.88	.02884	159.46	.00197	.00225	.00050
98	AD636908	33.574	1.9165	289.37	.00257	.00385	.00072
99	AD636909	84.135	.68338	238.58	.00290	.00244	.00010
100	AD636910	73.951	1.7862	256.49	.00685	.00194	.00190
101	AD636911	47.611	.77816	205.14	.00148	.00254	.00100
102	AD636912	H2008.1	8.2633	195.11	.00450	.00215	.00021
103	AD636913	32.752	.35975	123.05	.00391	.00388	-.00075
104	AD636914	16.636	.00709	19.283	.00098	-.00055	-.00004
105	AD636915	8.9248	.00031	21.286	.00037	.00017	-.00109
106	AD636916	7.0630	.00093	11.801	.00076	.00025	-.00102
107	CCV	24.905	.50582	24.706	.49370	.48792	.49516

#	Sample Name	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
108	CCB	.01912	-.00001	-.03834	-.00012	.00285	-.00083
109	AD636917	9.6082	.00166	16.859	.00150	.00158	.00014
110	AD636918	9.9147	.01944	18.144	.00270	-.00077	-.00120
111	AD636919	11.218	.02017	12.418	.00232	-.00056	.00016
112	AD636919/L (1:5)	2.2492	.00388	2.3592	.00039	-.00012	-.00067
113	AD636919/PS	21.190	.22247	22.675	.20545	.20090	.20176
114	AD636920/MS	21.151	.22387	22.605	.21126	.20424	.20367
115	AD636921/SD	21.159	.22309	22.314	.20918	.20021	.20320
116	AD636922	10.065	.00447	18.719	.00098	.00058	-.00137
117	AD636923	45.194	.00005	6.1262	.00099	-.00064	.00077
118	AD636924	64.510	.12576	12.178	.00096	.00234	-.00033
119	CCV	25.204	.50930	24.467	.49714	.48781	.49834
120	CCB	.02066	-.00002	-.05977	.00046	.00088	.00061
121	AD636925	69.508	.00100	6.9610	.00310	.00090	-.00027
122	AD636926	65.991	.00104	8.5321	.00197	.00227	-.00215
123	AD636927	84.176	.14381	12.042	.00399	.00032	.00019
124	AD636885/PB	.00637	-.00008	-.07249	.00001	-.00076	-.00092
125	AD636884/FB	10.468	.20713	10.002	.21332	.20645	.20940
126	AD636866	41.489	.00174	15.679	.00058	.00222	-.00104
127	AD636866/L (1:5)	8.1760	.00020	3.0473	.00017	-.00006	.00035
128	AD636866/PS	49.320	.20507	25.338	.20344	.19809	.20196
129	AD636867/MS	50.234	.20049	26.018	.20376	.19695	.19876
130	AD636868/SD	50.261	.19995	25.846	.20340	.19463	.19719
131	CCV	25.072	.50937	24.736	.49336	.48744	.49695
132	CCB	.00542	-.00016	-.03862	.00046	-.00103	.00003
133	AD636869	34.113	.05209	54.959	.00315	.00040	-.00095
134	AD636870	14.112	.03116	11.192	.00226	.00042	-.00024
135	AD636871	54.236	.00085	18.899	.00043	-.00083	-.00056
136	AD636872	45.065	.01318	13.511	.00073	.00069	.00003
137	AD636873	31.830	.02198	20.506	.00104	-.00246	.00092
138	AD636874	65.875	6.2804	138.07	.16841	.06349	.06357
139	AD636875	58.746	1.7222	52.420	.00861	.00000	.00047
140	AD636876	70.319	5.8364	186.28	.02917	.00050	.00153
141	AD636877	58.112	3.4516	88.027	.03910	.06287	.06340
142	AD636878	41.659	3.9027	52.597	.01276	-.00043	-.00078
143	CCV	25.540	.51798	24.819	.50059	.49643	.50605
144	CCB	.00463	-.00003	-.12163	.00031	.00100	-.00139
145	AD636879	59.299	9.8408	108.37	.01833	.00023	-.00132
146	AD636880	1.0635	.00103	13.418	.00021	.00034	-.00032
147	AD636881	1.5223	.01921	7.7202	.00131	-.00023	.00075
148	AD636882	1.0237	.01343	13.713	.00019	.00264	-.00023
149	AD636883	1.0524	.00408	13.596	.00043	.00254	.00095
150	AD636905/PB	-.00070	-.00006	-.05597	.00003	-.00038	-.00161
151	AD636904/FB	10.624	.21027	10.420	.21604	.20711	.21052
152	AD636886	42.698	.00013	16.291	.00083	-.00246	.00081
153	AD636886/L (1:5)	8.3878	-.00010	2.9546	-.00012	.00136	.00093
154	AD636886/PS	50.564	.20318	26.131	.20265	.19861	.20074
155	CCV	25.282	.51299	24.802	.49660	.49219	.50172
156	CCB	.00699	-.00007	-.08586	-.00042	.00121	.00034
157	AD636887/MS	50.879	.19752	25.769	.20085	.23335	.23904
158	AD636888/SD	54.067	.21268	26.968	.21395	.20434	.21089
159	AD636889	33.640	.02020	55.762	.00275	.00043	.00037
160	AD636890	14.145	.00024	11.455	.00058	-.00063	-.00128
161	AD636891	55.024	.00080	19.223	.00078	.00048	.00097

#	Sample Name	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
162	AD636892	44.859	.00000	13.649	.00067	-.00107	-.00120
163	AD636893	34.351	.00129	20.518	.00093	-.00069	-.00038
164	AD636894	66.251	5.9733	140.40	.01956	-.00109	-.00110
165	AD636895	56.508	1.6467	49.412	.00896	-.00199	-.00106
166	AD636896	67.951	5.8840	189.66	.03024	-.00154	-.00021
167	CCV	25.461	.51666	24.892	.49874	.49555	.50359
168	CCB	.00716	.00002	-.06565	-.00020	.00098	.00013
169	STD BLK	.00891	.00176	.00495	-.00689	.02438	.01075
170	STD 1		.38596		.56565	.50741	2.73078
171	STD 2		1.88256		2.83467	2.38535	13.3045
172	STD 3	18.4046	3.76609	2.22207	5.70689	4.72343	26.609
173	STD 3 VER	51.073	1.0129	51.180	1.0186	1.0108	1.0083
174	ICV	19.573	.39265	19.262	.39028	.38777	.38651
175	ICB	.00090	-.00007	.00545	.00007	-.00091	.00031
176	CRI	.21922	.00297	.99970	.01005	.00427	.00460
177	ICSA	471.95	-.00137	-.05640	.00030	-.02118	.04804
178	ICSAB	456.40	.48091	.13428	.90620	.00690	.07820
179	CCV	25.609	.51543	25.371	.51358	.51152	.50712
180	CCB	.01607	.00014	.01175	.00008	.00088	-.00058
181	AD636897	57.203	3.3493	88.307	.02190	.00278	.00138
182	AD636898	41.511	3.7302	54.386	.00922	-.00043	.00009
183	AD636899	59.895	9.8734	111.23	.01846	-.00044	-.00139
184	AD636900	53.008	.05332	17.734	.01006	.10509	.10423
185	AD636901	30.882	.07046	10.200	.00118	.00093	.00010
186	AD636902	41.647	.35283	6.1442	.00558	.00174	-.00248
187	AD636903	48.370	.18311	8.8484	.00208	-.00051	-.00173
188	AD637058/PB	-.00226	-.00010	-.15003	.00003	-.00214	-.00009
189	AD637057/LCS	-.00287	1.0079	.05536	1.0310	1.0259	1.0232
190	AD637056/LCS	.07839	.95234	1117.3	.95736	.96690	.96432
191	CCV	25.087	.50633	24.547	.50035	.49698	.49813
192	CCB	-.00162	-.00016	-.00064	.00005	.00161	-.00154
193	AD637055/EBLK	.08205	H.01619	H1145.8	.00181	.00029	-.00012
194	AD637047	57.850	4.0580	221.99	.03397	-.00033	-.00059
195	AD637047/L (1:5)	11.815	.83270	45.007	.00666	.00085	-.00078
196	AD637047/PS	60.131	5.2442	224.61	1.2048	1.0591	1.0668
197	AD637048	8.7697	4.2563	H1060.2	.01787	-.00144	.00155
198	AD637048/L (1:5)	1.8716	.90572	279.56	.00330	-.00028	-.00050
199	AD637048/PS	8.9685	5.3741	H1086.2	1.1262	1.0348	1.0279
200	AD637049	44.338	1.3997	H588.92	.00518	-.00136	-.00066
201	AD637049/L (1:5)	9.0367	.28271	131.40	.00102	.00009	-.00089
202	AD637049/PS	45.545	2.4809	H589.79	1.1640	1.0634	1.0712
203	CCV	25.019	.50099	24.293	.49941	.49727	.49559
204	CCB	-.00826	-.00010	-.00070	.00012	-.00182	-.00067
205	AD637050	1.8710	H24.547	H1112.8	.17106	.01008	.00301
206	AD637050/L (1:5)	.38391	5.1617	283.99	.03510	.00053	.00037
207	AD637050/PS	1.8712	H25.373	H1113.0	1.2571	1.0110	1.0005
208	AD637051/MS	1.7910	H24.120	H1068.6	1.0645	.91946	.91203
209	AD637052/SD	1.7439	H23.568	H1050.3	1.0424	.90463	.89593
210	AD637053	30.077	1.0740	H1091.5	.00276	.04458	.04210
211	AD637053/L (1:5)	6.3937	.22493	283.65	.00087	.00807	.00873
212	AD637053/PS	30.370	2.1067	H1086.9	1.1334	1.0980	1.0972
213	AD637054	34.819	1.3631	H1121.0	.00374	.06076	.06154
214	CCV	24.994	.50173	24.316	.49908	.49699	.49332
215	CCB	.00189	.00004	-.02972	-.00051	.00006	-.00125

#	Sample Name	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924
1	STD BLK	.00954	-.04549	.03593	-.00838	-.01178	.00016
2	STD 1	.1918	.28337	.4879	1.24322	.31239	.09021
3	STD 2	.94491	1.58793	2.16599	6.08919	1.61819	.44241
4	STD 3	1.91167	3.29577	4.37991	12.2925	3.31351	.89006
5	STD 3 VER	1.0242	1.0090	.98891	.99327	1.0237	.99667
6	ICV	.37816	.37939	.38131	.38425	.39078	.37550
7	ICB	-.00169	-.00203	.00015	.00020	.00055	.00018
8	CRI	.01494	.01437	.01490	.00544	.02076	.00514
9	ICSA	-.00536	-.01002	.00045	.00182	-.00763	.00014
10	ICSAB	.63203	.04617	.04955	.00131	.10324	.49440
11	CCV	.51204	.51662	.50281	.51060	.53024	.50097
12	CCB	-.00108	-.00035	.00077	.00017	-.00148	.00056
13	AD636755/PB	-.00407	.00241	.00259	.00033	-.00094	-.00019
14	AD636754/FB	.20430	.21057	.20095	.19953	.21207	.19934
15	AD636736	-.00231	-.00343	.00358	.00047	-.00239	.00018
16	AD636737	-.00275	.00290	.00268	.39766	-.00209	.04647
17	AD636737/L (1:5)	-.00549	-.00317	.00369	.18751	-.00027	.01208
18	AD636737/PS	.19577	.20424	.19574	.55344	.20947	.24044
19	AD636738/MS	.19696	.20059	.19991	.52010	.21218	.23855
20	AD636739/SD	.18840	.20217	.19334	.55306	.20786	.24186
21	AD636740	-.00319	-.00311	.00331	.15194	.00116	.00919
22	AD636741	-.00247	-.00320	.00246	.16188	-.00303	.01035
23	CCV	.51565	.51445	.49360	.50953	.53659	.49886
24	CCB	-.00096	-.00326	-.00078	.00023	-.00109	.00037
25	AD636742	-.00223	.00418	.00159	.00448	.00032	.00038
26	AD636743	.00115	.01333	.01304	.00992	-.00109	.00086
27	AD636744	-.00214	.00311	-.00260	.00085	-.00155	.00038
28	AD636745	-.00171	.00013	.00624	.37496	-.00325	.08171
29	AD636746	-.00303	-.00053	.00003	.01681	-.00201	.00195
30	AD636747	-.00221	-.00080	.00221	.02611	-.00059	.00271
31	AD636748	-.00319	.00450	.00244	.00940	-.00291	.00074
32	AD636749	-.00451	-.00057	.00007	.56144	-.00168	.03269
33	AD636750	-.00606	-.00510	.00332	.00179	-.00514	.00102
34	AD636751	-.00065	-.00360	-.00147	.05052	-.00244	.00399
35	CCV	.51382	.50695	.49368	.50577	.53205	.49427
36	CCB	.00076	.00000	.00233	.00028	-.00140	.00018
37	AD636752	-.00325	-.00143	-.00048	.00321	-.00116	.00069
38	AD636753	-.00209	.00131	.00389	.00324	-.00202	.00066
39	AD636834/PB	-.00039	-.00222	.00482	.00041	.00237	.00037
40	AD636833/CLPSL	.47504	1.2111	1.1690	2.7193	.93385	.88296
41	AD636822	.00205	-.00539	.00331	1.7904	-.00141	.19511
42	AD636822/L (1:5)	-.00200	-.00026	.00231	.39098	-.00591	.04258
43	AD636822/PS	.19791	.17730	.18080	1.9504	.19654	.37595
44	AD636823/MS	.12140	.34962	.34650	2.1709	.38534	.55463
45	AD636824/SD	.10698	.34987	.33997	2.1211	.38079	.55230
46	AD636825	-.00120	-.00568	-.00139	1.9681	-.00572	.22514
47	CCV	.51700	.51655	.48732	.50682	.53967	.48679
48	CCB	-.00128	.00058	.00343	.00078	-.00140	.00009
49	AD636826	-.00182	-.00599	-.00274	2.6684	-.00138	.29320
50	AD636827	-.00378	-.00626	-.00392	2.1969	-.00555	.29129
51	AD636828	-.00226	-.00846	.00503	2.6501	-.00670	.25985
52	AD636829	-.00152	-.00423	-.00271	2.6755	-.00453	.20052
53	AD636830	-.00205	.04441	.04199	2.1049	.00320	.55922

#	Sample Name	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924
54	AD636831	-.00443	-.00120	.00365	1.6087	-.00479	.24720
55	AD636832	-.00016	-.00518	.00630	1.8281	-.00501	.26446
56	AD636958/PB	-.00306	-.00394	.00226	.00104	-.00361	-.00009
57	AD636957/FB	.21181	.20704	.19745	.20161	.21584	.19674
58	AD637007	-.00281	.00020	.00085	.06879	-.00312	.00595
59	CCV	.51777	.51683	.49442	.50717	.53891	.49156
60	CCB	-.00319	-.00010	.00475	.00174	-.00403	.00028
61	AD637007/L (1:5)	-.00046	.00020	.00351	.02328	-.00099	.00200
62	AD637007/PS	.20569	.20783	.20058	.30788	.21523	.20446
63	AD637008/MS	.21204	.21130	.20384	.27215	.22135	.20829
64	AD637009/SD	.20864	.20883	.20493	.26824	.21534	.20423
65	AD637010	-.00049	.00433	.00336	.07816	-.00154	.00873
66	AD636943	-.00386	.00105	.00327	.26047	-.00226	.01794
67	AD636944	-.00258	-.00193	.00198	.00051	-.00075	-.00010
68	AD636947	-.00301	-.00191	-.00087	.00171	.00091	.00165
69	AD636948	-.00440	-.00299	.00065	.00028	-.00149	.00019
70	AD636949	.00080	.00142	.00004	.00041	.00098	-.00010
71	CCV	.51344	.51268	.49111	.50755	.53801	.49093
72	CCB	-.00143	.00255	.00116	.00019	-.00094	.00000
73	AD636950	-.00026	-.00049	.00285	.00053	-.00120	.00038
74	AD636951	-.00324	-.00240	.00319	.00036	-.00362	.00023
75	AD636952	-.00333	.00741	.00536	.00001	-.00184	.00019
76	AD636953	-.00338	.00143	.00199	.00006	-.00181	.00057
77	AD636954	-.00319	-.00242	.00488	.00021	-.00166	.00175
78	AD636955	-.00320	.00164	.00022	.00014	-.00123	.00000
79	AD636956	-.00399	-.00068	.00463	.00011	-.00436	.00038
80	AD636929/PB	-.00269	.00669	.00076	.00035	-.00085	.00000
81	AD636928/FB	.20518	.20491	.19835	.19888	.21609	.19333
82	AD636906	-.00225	.00116	.00285	.00111	-.00264	.00058
83	CCV	.51476	.50434	.48800	.50613	.53384	.48911
84	CCB	-.00369	-.00036	-.00163	.00011	.00078	-.00019
85	STD BLK	.00067	-.06215	.04148	-.00516	-.01659	.00025
86	STD 1	.18203	.26464	.4658	1.21275	.28687	.08756
87	STD 2	.91017	1.52183	2.12749	6.0534	1.53293	.43587
88	STD 3	1.84124	3.12296	4.30394	12.1633	3.10862	.87812
89	STD 3 VER	1.0003	.97666	1.0034	.99020	.99783	.99515
90	ICV	.37723	.37261	.38218	.38332	.38227	.37682
91	ICB	-.00093	.00026	.00186	.00021	.00265	.00029
92	CRI	.01976	.01963	.01294	.00527	.01885	.00482
93	ICSA	-.00193	.00428	-.00034	.00167	.00369	-.00030
94	ICSAB	.60652	.05291	.04899	.00142	.10685	.48508
95	CCV	.50345	.49496	.50383	.51253	.51098	.50375
96	CCB	.00159	.00154	-.00072	.00004	.00298	.00009
97	AD636907	.00142	.00478	.00255	.00049	.00153	.00011
98	AD636908	.00004	-.00372	.00385	.01698	.00264	.00069
99	AD636909	-.00064	-.00373	.00487	.00482	-.00377	.00021
100	AD636910	-.00144	-.00311	.00369	.00564	-.00229	.00060
101	AD636911	.00015	.00334	.00171	.00315	-.00032	.00000
102	AD636912	-.00006	-.00276	.00756	.00501	.00110	-.00067
103	AD636913	.00214	-.00012	.00230	.00644	-.00144	.00039
104	AD636914	-.00262	.00082	.00185	.00028	.00103	.00129
105	AD636915	.00001	.00896	.00082	.00010	-.00074	.00188
106	AD636916	-.00122	.00239	.00098	.00031	.00173	.00217
107	CCV	.49156	.48520	.50010	.50384	.49234	.49344

#	Sample Name	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924
108	CCB	.00186	.00495	.00010	.00007	.00267	-.00028
109	AD636917	-.00032	.00407	-.00175	-.00006	.00588	.00178
110	AD636918	.00215	.00308	-.00118	.00015	.00021	.00171
111	AD636919	-.00190	.00182	-.00117	.00000	-.00058	.00208
112	AD636919/L (1:5)	-.00126	.00307	.00004	-.00015	-.00006	.00000
113	AD636919/PS	.20463	.20565	.20065	.20317	.20006	.20447
114	AD636920/MS	.20582	.20283	.20592	.20462	.20520	.20595
115	AD636921/SD	.20245	.20360	.20754	.20364	.19985	.20449
116	AD636922	.00096	.00207	.00026	.00009	.00370	.00118
117	AD636923	-.00172	.01024	.00010	.00003	.00167	.00168
118	AD636924	.00067	.00659	-.00368	.00030	.00242	.00040
119	CCV	.47921	.47536	.49404	.50008	.47198	.49136
120	CCB	.00169	.00233	.00036	-.00004	-.00120	-.00019
121	AD636925	.00034	.00519	-.00015	.00016	.00274	.00020
122	AD636926	.00102	.00865	.00560	.00002	.00170	.00021
123	AD636927	-.00315	.00428	-.00413	.00006	-.00030	.00020
124	AD636885/PB	-.00049	.00372	.00250	.00007	.00187	-.00020
125	AD636884/FB	.19656	.19371	.20597	.20186	.18971	.20265
126	AD636866	.00109	.00658	-.00131	.00018	.00190	.00041
127	AD636866/L (1:5)	-.00085	.00708	.00261	-.00020	.00146	-.00019
128	AD636866/PS	.19908	.19792	.20225	.20188	.19650	.20102
129	AD636867/MS	.20052	.19391	.19573	.19929	.19458	.19865
130	AD636868/SD	.19813	.19389	.19761	.19824	.19384	.19704
131	CCV	.48235	.47715	.49523	.50133	.47485	.49063
132	CCB	-.00174	-.00005	.00270	-.00015	.00201	-.00049
133	AD636869	-.00157	.00332	.00081	.00019	.00282	-.00018
134	AD636870	-.00006	.00983	.00067	.01235	.00191	.00117
135	AD636871	-.00012	.00049	-.00057	-.00001	.00038	.00040
136	AD636872	.00023	.00519	-.00044	.00343	.00172	.00019
137	AD636873	.00083	.00251	.00218	.00033	.00470	.00090
138	AD636874	-.00068	.00295	.00333	.00498	.00642	.02820
139	AD636875	-.00192	.00356	-.00333	.00115	.00379	.00083
140	AD636876	-.00183	.00456	-.00076	.00122	.00126	.00256
141	AD636877	.00078	.00609	.00077	.00089	.00136	.00314
142	AD636878	-.00137	.00480	-.00020	.00193	.00057	.00192
143	CCV	.48419	.48453	.49281	.50656	.46694	.49888
144	CCB	-.00065	.00533	.00052	-.00015	.00162	-.00019
145	AD636879	-.00083	.00329	.00236	.00028	.00082	.00230
146	AD636880	.00003	.00370	-.00089	.00000	-.00086	-.00008
147	AD636881	.00140	.00261	-.00142	.00001	.00000	-.00041
148	AD636882	.00019	-.00030	.00000	-.00004	.00106	-.00029
149	AD636883	-.00245	.00734	-.00102	.00080	.00109	.00000
150	AD636905/PB	-.00018	.00330	-.00057	-.00015	.00125	-.00019
151	AD636904/FB	.19600	.19742	.20503	.20536	.19075	.20576
152	AD636886	-.00214	.00443	-.00034	.00010	.00388	.00062
153	AD636886/L (1:5)	-.00269	.00991	-.00182	-.00047	.00376	-.00058
154	AD636886/PS	.19755	.20294	.20258	.20152	.18943	.20134
155	CCV	.48174	.47620	.49889	.50285	.47004	.49360
156	CCB	.00078	.00000	-.00059	.00014	.00350	.00000
157	AD636887/MS	.18942	.18324	.19310	.19226	.17943	.19373
158	AD636888/SD	.19064	.20032	.20519	.20405	.17700	.20394
159	AD636889	.00169	.00348	.00253	-.00009	.00641	.00021
160	AD636890	.00082	.00201	.00117	.00012	.00047	.00020
161	AD636891	-.00237	.00246	.00174	-.00007	-.00012	.00060

#	Sample Name	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924
162	AD636892	.00040	-.00219	.00200	-.00006	.00113	-.00009
163	AD636893	-.00021	.00364	.00135	.00028	.00291	.00079
164	AD636894	-.00152	.00168	.00375	.00012	-.00123	.00073
165	AD636895	-.00210	.00447	.00105	-.00009	.00149	.00064
166	AD636896	-.00277	.00074	.00171	.00119	.00102	.00193
167	CCV	.47870	.47991	.49704	.50412	.46823	.49428
168	CCB	.00101	.00314	.00147	.00007	.00013	.00000
169	STD BLK	.00464	-.05173	.04199	-.00687	-.01207	0
170	STD 1	.182	.27039	.46866	1.18854	.28905	.08607
171	STD 2	.92494	1.55428	2.1238	5.91075	1.60906	.42949
172	STD 3	1.88697	3.17925	4.24916	12.0332	3.26452	.86283
173	STD 3 VER	1.0522	1.0271	1.0155	1.0304	1.0568	1.0228
174	ICV	.39239	.39110	.38598	Q.39788	Q.40084	.38882
175	ICB	-.00142	-.00224	.00504	.00027	-.00001	.00000
176	CRI	.01889	.01575	.01220	.00545	.02190	.00474
177	ICSA	-.00020	-.00270	.00425	.00175	.00060	-.00025
178	ICSAB	.61476	.04360	.04562	.00115	.10018	.49272
179	CCV	.51555	.51605	.51234	.52507	.52731	.50991
180	CCB	.00089	.00003	-.00401	.00056	.00056	.00058
181	AD636897	-.00254	.00222	.00097	.00058	-.00100	.00129
182	AD636898	-.00090	.00076	.00022	.00024	-.00172	.00034
183	AD636899	.00069	.00470	.00364	.00074	-.00165	.00242
184	AD636900	.00017	.00560	-.00322	.00042	-.00344	.00007
185	AD636901	-.00064	.00796	.00075	.00017	-.00205	.00047
186	AD636902	-.00117	.00002	.00070	.00025	.00123	.00059
187	AD636903	-.00069	.00073	-.00271	.00006	-.00100	.00047
188	AD637058/PB	-.00193	.00130	-.00073	.00007	-.00084	.00000
189	AD637057/LCS	.98716	.99163	1.0073	-.00027	.98645	1.0053
190	AD637056/LCS	.95552	.98244	.98060	.00058	.97268	.95046
191	CCV	.51185	.50485	.49775	.50726	.51281	.50055
192	CCB	-.00110	.00124	.00142	.00000	.00059	.00000
193	AD637055/EBLK	-.00014	.00572	.00082	.00039	-.00250	.00041
194	AD637047	.00027	.00399	.00707	.00033	.00062	.00090
195	AD637047/L (1:5)	.00011	.00189	-.00120	-.00003	-.00071	.00019
196	AD637047/PS	1.0265	1.0406	1.0685	.00010	1.0005	1.0599
197	AD637048	.00094	.00487	-.00073	.00252	-.00135	.00009
198	AD637048/L (1:5)	-.00071	.00496	-.00197	.00022	-.00176	.00050
199	AD637048/PS	1.0478	1.0976	1.0880	.00149	1.0729	1.0366
200	AD637049	.00680	.00112	.00351	.01825	.00216	.00150
201	AD637049/L (1:5)	.00057	.00009	-.00073	.00347	-.00109	.00039
202	AD637049/PS	1.0086	1.0498	1.0900	.01839	1.0134	1.0589
203	CCV	.50093	.49911	.49980	.50434	.50032	.49367
204	CCB	.00141	-.00410	.00130	-.00004	.00139	-.00019
205	AD637050	.00133	-.01261	.00036	.00107	-.00066	-.00081
206	AD637050/L (1:5)	-.00168	-.00094	.00024	.00011	-.00151	-.00007
207	AD637050/PS	1.0199	1.0273	1.0405	.00102	1.0275	1.0127
208	AD637051/MS	.94236	.92806	.93689	.00102	.92762	.91848
209	AD637052/SD	.93459	.91261	.92524	.00112	.91463	.90318
210	AD637053	.00719	.00657	.00172	.00525	.00216	.00110
211	AD637053/L (1:5)	-.00032	.00503	-.00373	.00130	-.00067	.00059
212	AD637053/PS	1.0158	1.0757	1.0835	.00533	1.0433	1.0462
213	AD637054	.00674	.00084	-.00397	.00734	.00092	.00140
214	CCV	.49999	.49708	.49915	.50357	.50759	.49779
215	CCB	-.00016	.00358	.00332	.00001	-.00292	-.00009

#	Sample Name	Zn2062	Sn1899	Ag3280	Mo2020	PB2203	SE1960
1	STD BLK	.00049	.00116	-.03976	.00075		
2	STD 1	.08096	.04879	.58583	.2703		
3	STD 2	.39173	.23431	3.02257	1.32336		
4	STD 3	.7776	.46875	6.16476	2.64436		
5	STD 3 VER	.98121	.99372	.99664	.99157	.99015	.99559
6	ICV	.36977	.37528	.37018	.37057	.37527	.38067
7	ICB	-.00043	.00090	.00111	.00118	-.00164	-.00057
8	CRI	.01974	.00709	.00369	.01073	.00253	.01472
9	ICSA	-.00009	.00018	.00116	.00081	.02684	-.00303
10	ICSAB	.90196	.00422	.21191	.00168	.05621	.04842
11	CCV	.49133	.49866	.49053	.49891	.50026	.50741
12	CCB	-.00043	.00110	.00112	.00113	-.00185	.00039
13	AD636755/PB	.00176	-.00053	.00091	.00157	-.00299	.00253
14	AD636754/FB	.19562	.19965	.05060	.20060	.19910	.20415
15	AD636736	.00242	.00107	.00125	.00002	-.00049	.00124
16	AD636737	.05902	-.00141	.00140	.00232	.01361	.00275
17	AD636737/L (1:5)	.01202	.00167	.00129	.00095	.00060	.00140
18	AD636737/PS	.24181	.19327	.04990	.19456	.20695	.19857
19	AD636738/MS	.22935	.20231	.05193	.20260	.20899	.20014
20	AD636739/SD	.23084	.19696	.05047	.19491	.20638	.19628
21	AD636740	.01332	.00124	.00145	.00274	.00101	.00117
22	AD636741	.01565	-.00161	.00118	.00389	.00086	.00057
23	CCV	.47964	.49255	.48812	.48780	.49395	.50055
24	CCB	.00000	.00076	.00158	.00101	-.00145	-.00160
25	AD636742	.00597	-.00412	.00133	.00076	-.00057	.00246
26	AD636743	.00389	-.00207	.00140	.00657	-.00033	.01314
27	AD636744	.00346	-.00029	.00125	.00211	-.00113	-.00069
28	AD636745	.13750	-.00168	.00146	.00753	.04516	.00421
29	AD636746	.01198	.00079	.00154	-.00042	.00144	-.00015
30	AD636747	.00356	.00137	.00157	.00725	-.00061	.00120
31	AD636748	.00376	-.00100	.00147	.00104	-.00123	.00313
32	AD636749	.05718	-.00083	.00164	.00298	.00998	-.00014
33	AD636750	.00170	-.00015	.00139	.00080	-.00054	.00051
34	AD636751	.00627	.00021	.00169	.00234	.00063	-.00218
35	CCV	.47478	.48895	.48418	.48283	.48879	.49810
36	CCB	.00021	.00005	.00176	.00207	-.00137	.00155
37	AD636752	.00555	.00032	.00122	.00029	-.00118	-.00080
38	AD636753	.00405	.00053	.00142	.00079	-.00065	.00303
39	AD636834/PB	.00280	.00059	.00134	.00015	.00001	.00247
40	AD636833/CLPSL	2.2696	1.3116	.93189	.60320	1.4015	1.1830
41	AD636822	.45986	.00691	.00134	.00807	2.0316	.00041
42	AD636822/L (1:5)	.10297	.00257	.00086	.00088	.45393	.00145
43	AD636822/PS	.61241	.18612	.04844	.18596	2.1857	.17963
44	AD636823/MS	.79004	.33683	.09385	.32500	1.6450	.34753
45	AD636824/SD	.81704	.32756	.09352	.31984	1.2344	.34327
46	AD636825	.66241	.00803	.00215	.00504	.65599	-.00282
47	CCV	.46331	.47697	.48244	.46977	.49106	.49706
48	CCB	.00033	-.00009	.00228	.00161	-.00213	.00248
49	AD636826	.36327	.00438	.00189	.01392	.09150	-.00382
50	AD636827	.35811	.00273	.00186	.01326	.09509	-.00470
51	AD636828	.36792	.00277	.00168	.00812	.09783	.00053
52	AD636829	.23191	.00089	.00143	.00600	.06758	-.00322
53	AD636830	3.1722	.02634	.00369	.03449	1.8473	.04280

#	Sample Name	Zn2062	Sn1899	Ag3280	Mo2020	PB2203	SE1960
54	AD636831	1.1433	.01847	.00250	.00755	2.4418	.00203
55	AD636832	.45483	.00760	.00210	.00586	2.8016	.00247
56	AD636958/PB	.00086	-.00011	.00194	.00054	-.00109	.00019
57	AD636957/FB	.18857	.19523	.05164	.19343	.19776	.20064
58	AD637007	.02449	-.00078	.00197	.00518	.00151	.00063
59	CCV	.47155	.48702	.48358	.47565	.48880	.50189
60	CCB	-.00021	-.00028	.00174	.00174	-.00115	.00313
61	AD637007/L (1:5)	.00461	-.00148	.00197	.00175	-.00098	.00241
62	AD637007/PS	.20646	.19109	.05104	.19937	.19606	.20299
63	AD637008/MS	.21155	.20375	.05288	.20347	.20329	.20633
64	AD637009/SD	.20827	.19795	.05190	.20258	.19755	.20623
65	AD637010	.08482	.00180	.00197	.00340	.00364	.00368
66	AD636943	.05919	.00277	.00208	.00404	.00616	.00253
67	AD636944	.02559	.00100	.00195	-.00032	-.00079	.00067
68	AD636947	.02702	-.00025	.00189	.00219	.00580	-.00122
69	AD636948	.00440	-.00192	.00188	.00022	-.00063	-.00056
70	AD636949	.01003	.00026	.00162	.00265	-.00034	.00050
71	CCV	.47061	.48605	.48307	.48004	.48931	.49829
72	CCB	.00012	-.00024	.00170	.00162	-.00262	.00162
73	AD636950	.01045	.00010	.00182	.00016	-.00122	.00173
74	AD636951	.67370	-.00039	.00188	.00074	-.00072	.00132
75	AD636952	.00733	-.00046	.00165	.00087	-.00080	.00605
76	AD636953	.00664	-.00010	.00155	.00212	-.00162	.00180
77	AD636954	.11623	-.00119	.00191	.00152	-.00010	.00244
78	AD636955	.02344	-.00012	.00069	.00070	-.00018	.00069
79	AD636956	.01081	.00096	.00118	.00076	.00000	.00286
80	AD636929/PB	.00173	.00024	.00177	.00089	-.00258	.00273
81	AD636928/FB	.18577	.19619	.05115	.19072	.19435	.20053
82	AD636906	.00329	-.00008	.00206	.00155	-.00041	.00229
83	CCV	.46903	.47999	.48240	.47653	.48403	.49344
84	CCB	-.00031	.00084	.00163	.00091	-.00093	-.00121
85	STD BLK	.00101	.00101	-.04284	.00118		
86	STD 1	.08301	.04947	.5714	.27862		
87	STD 2	.40908	.24446	3.02568	1.38881		
88	STD 3	.81508	.49306	6.16344	2.78403		
89	STD 3 VER	.98870	.99963	.99719	.99606	.98608	.99445
90	ICV	.37538	.37962	.37190	.37990	.37659	.37899
91	ICB	-.00072	.00087	.00046	.00109	.00063	.00132
92	CRI	.01964	.00620	.00312	.01063	.00516	.01517
93	ICSA	.00226	-.00126	.00056	-.00092	.02480	.00119
94	ICSAB	.90114	.00232	.20879	.00055	.05414	.05030
95	CCV	.49848	.50876	.49686	.50550	.49960	.50087
96	CCB	-.00072	.00000	-.00028	.00216	.00033	.00002
97	AD636907	.00633	-.00921	-.00050	.00442	.00108	.00329
98	AD636908	.00389	-.00255	-.00035	.00828	.00176	.00132
99	AD636909	.00554	-.00495	-.00025	.01576	.00088	.00200
100	AD636910	.00710	-.00061	-.00024	.01576	.00191	.00142
101	AD636911	.00745	-.00241	-.00086	.04062	.00152	.00226
102	AD636912	.00518	L-.08460	-.00019	.01490	.00086	.00412
103	AD636913	.00506	.00005	-.00013	.01032	.00078	.00149
104	AD636914	.00265	-.00083	-.00055	.00072	-.00021	.00151
105	AD636915	.00160	-.00224	-.00061	.00162	-.00067	.00353
106	AD636916	.00232	-.00207	-.00067	.00062	-.00059	.00145
107	CCV	.49082	.50291	.49290	.49790	.49275	.49513

#	Sample Name	Zn2062	Sn1899	Ag3280	Mo2020	PB2203	SE1960
108	CCB	-.00114	.00125	-.00061	.00093	.00039	.00171
109	AD636917	.00443	.00039	-.00111	.00003	.00062	.00018
110	AD636918	.00710	-.00135	-.00238	.00619	-.00106	.00023
111	AD636919	.00519	-.00207	-.00083	-.00004	-.00008	-.00017
112	AD636919/L (1:5)	.00062	.00036	-.00102	-.00036	-.00048	.00105
113	AD636919/PS	.20314	.20559	.05052	.21035	.20148	.20232
114	AD636920/MS	.20557	.21019	.05080	.21325	.20386	.20489
115	AD636921/SD	.20349	.20762	.05158	.21252	.20221	.20623
116	AD636922	.00274	-.00101	-.00060	.00226	-.00072	.00087
117	AD636923	.00265	-.00048	-.00122	.00100	.00030	.00348
118	AD636924	.02604	-.00277	-.00287	.00080	.00055	-.00025
119	CCV	.50826	.51329	.49089	.51114	.49484	.48781
120	CCB	-.00072	-.00102	-.00124	.00159	.00070	.00102
121	AD636925	.02621	-.00277	-.00085	.00209	.00011	.00163
122	AD636926	.02008	-.00064	-.00100	.00174	-.00068	.00662
123	AD636927	.02372	-.00242	-.00113	.00127	.00023	-.00132
124	AD636885/PB	.00055	.00179	-.00134	.00062	-.00087	.00291
125	AD636884/FB	.21370	.21587	.04998	.22117	.20842	.20188
126	AD636866	.00123	-.00134	-.00353	.00135	.00004	.00132
127	AD636866/L (1:5)	-.00050	.00005	-.00206	.00010	.00021	.00410
128	AD636866/PS	.20176	.20732	.04971	.21087	.20067	.20081
129	AD636867/MS	.19803	.20469	.05043	.20981	.19816	.19512
130	AD636868/SD	.20006	.20521	.05110	.20701	.19634	.19637
131	CCV	.50032	.50385	.49106	.50770	.49378	.48920
132	CCB	-.00092	-.00153	-.00251	.00004	-.00032	.00178
133	AD636869	.00173	-.00244	-.00361	.00104	-.00050	.00165
134	AD636870	.00350	-.00133	-.00190	.00087	-.00002	.00373
135	AD636871	.00214	-.00011	-.00186	.00113	-.00065	-.00021
136	AD636872	.00127	-.00083	-.00143	.00025	.00025	.00143
137	AD636873	.00279	-.00029	-.00101	.02125	-.00020	.00229
138	AD636874	.06284	.00517	-.00175	.00893	.06354	.00320
139	AD636875	.00642	-.00334	-.00251	.04622	.00031	-.00103
140	AD636876	.01067	-.00147	-.00247	.01947	.00119	.00101
141	AD636877	.08059	.00221	-.00172	.01103	.06322	.00254
142	AD636878	.00808	-.00234	-.00146	.01251	-.00066	.00146
143	CCV	.51608	.51971	.49985	.52137	.50285	.49004
144	CCB	-.00061	.00056	-.00199	.00098	-.00059	.00212
145	AD636879	.00390	-.00127	-.00240	.01553	-.00080	.00267
146	AD636880	.13457	-.00026	-.00324	.00179	-.00010	.00063
147	AD636881	.00876	-.00013	-.00134	.00073	.00042	-.00007
148	AD636882	.07100	-.00101	-.00144	.00192	.00072	-.00009
149	AD636883	.00628	-.00136	-.00141	.00277	.00148	.00176
150	AD636905/PB	.00062	-.00016	-.00144	.00018	-.00120	.00071
151	AD636904/FB	.21692	.22016	.05103	.22251	.20939	.20249
152	AD636886	.00307	-.00134	-.00279	.00186	-.00027	.00124
153	AD636886/L (1:5)	-.00062	-.00032	-.00239	.00071	.00107	.00208
154	AD636886/PS	.20134	.20390	.04981	.20950	.20003	.20269
155	CCV	.50680	.51276	.49352	.50972	.49854	.49133
156	CCB	-.00082	.00059	-.00129	.00198	.00063	-.00039
157	AD636887/MS	.43812	.21013	.04792	.20645	.23715	.18981
158	AD636888/SD	.22040	.22583	.05046	.22994	.20871	.20356
159	AD636889	.00236	-.00259	-.00199	.00155	.00039	.00285
160	AD636890	.00126	-.00066	-.00143	.00031	-.00106	.00145
161	AD636891	.00128	-.00136	-.00147	-.00023	.00080	.00198

#	Sample Name	Zn2062	Sn1899	Ag3280	Mo2020	PB2203	SE1960
162	AD636892	.00066	-.00206	-.00163	-.00026	-.00115	.00060
163	AD636893	.00202	-.00136	-.00137	.01817	-.00048	.00211
164	AD636894	.00753	-.00122	-.00196	.00455	-.00110	.00306
165	AD636895	.00635	-.00115	-.00374	.04624	-.00137	.00219
166	AD636896	.01177	-.00132	-.00183	.01806	-.00065	.00139
167	CCV	.51145	.51219	.49399	.51600	.50091	.49133
168	CCB	-.00082	.00214	-.00149	.00096	.00041	.00202
169	STD BLK	.0005	.0005	-.0447	.00345		
170	STD 1	.08135	.04838	.55803	.27412		
171	STD 2	.38276	.22929	2.92185	1.28773		
172	STD 3	.76141	.45541	6.01239	2.57498		
173	STD 3 VER	.99147	.99791	1.0307	1.0057	1.0091	1.0193
174	ICV	.37869	.38346	.38467	.38289	.38693	.38768
175	ICB	.00029	-.00020	.00101	.00035	-.00009	.00261
176	CRI	.02069	.00893	.00297	.01097	.00449	.01339
177	ICSA	.00110	.00004	.00120	-.00241	.02499	.00193
178	ICSAB	.89487	.00099	.21193	-.00072	.05446	.04494
179	CCV	.49802	.50528	.50696	.49747	.50859	.51357
180	CCB	.00007	.00214	.00194	.00096	-.00009	-.00266
181	AD636897	.03974	.00242	.00136	.01111	.00184	.00139
182	AD636898	.00653	.00005	.00058	.01366	-.00008	.00040
183	AD636899	.00318	.00005	.00023	.01309	-.00107	.00400
184	AD636900	.00276	.00378	.00130	.00234	.10451	-.00028
185	AD636901	.00232	.00211	.00167	.00123	.00037	.00315
186	AD636902	.00225	.00034	.00115	-.00020	-.00107	.00047
187	AD636903	.00371	.00116	.00125	-.00076	-.00133	-.00156
188	AD637058/PB	.00104	.00069	.00061	-.00064	-.00077	-.00005
189	AD637057/LCS	1.0217	-.00023	1.0248	1.0362	1.0241	1.0021
190	AD637056/LCS	.96842	.00109	.98969	.97438	.96518	.98121
191	CCV	.48829	.49951	.49144	.49403	.49775	.50011
192	CCB	-.00014	.00159	.00142	.00080	-.00049	.00136
193	AD637055/EBLK	.00864	.00289	.00140	.00204	.00001	.00245
194	AD637047	.03641	.00056	.00127	-.00031	-.00051	.00605
195	AD637047/L (1:5)	.00722	-.00092	.00024	-.00059	-.00023	-.00016
196	AD637047/PS	1.1461	-.00168	1.0757	1.1802	1.0642	1.0592
197	AD637048	.10001	.00003	.00089	.00176	.00055	.00113
198	AD637048/L (1:5)	.02075	.00335	.00121	.00061	-.00043	.00033
199	AD637048/PS	1.1067	.00156	1.0943	1.0952	1.0302	1.0912
200	AD637049	.00662	.00120	.00150	.00768	-.00089	.00272
201	AD637049/L (1:5)	.00107	.00018	.00092	.00120	-.00056	-.00046
202	AD637049/PS	1.1131	.00024	1.0928	1.1855	1.0686	1.0766
203	CCV	.49137	.50010	.48852	.49556	.49615	.49956
204	CCB	-.00003	.00196	.00099	.00070	-.00106	-.00050
205	AD637050	.20289	.00471	.00102	-.00211	.00536	-.00396
206	AD637050/L (1:5)	.04155	.00200	.00101	-.00188	.00043	-.00015
207	AD637050/PS	1.1991	.00675	1.0521	1.0641	1.0040	1.0361
208	AD637051/MS	1.0773	.00545	.96887	.91527	.91451	.93393
209	AD637052/SD	1.0538	.00623	.95280	.89930	.89883	.92102
210	AD637053	.05582	.00189	.00107	.00157	.04293	.00334
211	AD637053/L (1:5)	.01244	.00019	-.00079	.00005	.00851	-.00081
212	AD637053/PS	1.1264	.00019	1.0820	1.1345	1.0975	1.0809
213	AD637054	.07614	.00078	.00091	.00200	.06128	-.00236
214	CCV	.48715	.49542	.48812	.49180	.49454	.49845
215	CCB	.00006	.00190	.00106	-.00068	-.00081	.00341

Standardization Rpt. 06/23/06 02:32:29 PM page 1

Method: TRACE1 Standard: STD BLK
Run Time: 06/23/06 14:27:40

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	.10369	-.01202	.04383	.00224	.08925	.03080	.00399
SDev	.00244	.01230	.00247	.00036	.00011	.00043	.00095
%RSD	2.3542	102.29	5.6429	15.960	.11853	1.3936	23.813
#1	.10196	-.00333	.04208	.00250	.08932	.03110	.00466
#2	.10541	-.02072	.04558	.00199	.08917	.03050	.00331

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	-.00656	.00756	.00282	-.00066	-.01949	.00797	.00108
SDev	.00084	.00084	.00118	.00047	.07814	.00143	.00059
%RSD	12.779	11.127	41.823	70.523	400.85	17.924	54.606
#1	-.00715	.00815	.00366	-.00033	.03576	.00898	.00150
#2	-.00597	.00696	.00199	-.00099	-.07475	.00696	.00066

Elem	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1	1960/2
Avge	.00597	-.01005	.04519	-.00905	.00955	-.04549	.03593
SDev	.00445	.00179	.01866	.00103	.00108	.00247	.01224
%RSD	74.458	17.778	41.303	11.429	11.316	5.4278	34.058
#1	.00283	-.01131	.05838	-.00832	.01031	-.04375	.02728
#2	.00912	-.00878	.03199	-.00978	.00878	-.04724	.04459

Elem	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Avge	-.00839	-.01178	.00017	.00050	.00116	-.03977	.00075
SDev	.00014	.00608	.00000	.00047	.00024	.00072	.00294
%RSD	1.6503	51.571	.25008	94.420	20.448	1.8167	391.17
#1	-.00848	-.00749	.00017	.00083	.00133	-.03925	.00283
#2	-.00829	-.01608	.00017	.00017	.00099	-.04028	-.00133

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6023	--	--	--	--	--	--
SDev	15.06158	--	--	--	--	--	--
%RSD	.2500823	--	--	--	--	--	--
#1	6012	--	--	--	--	--	--
#2	6033	--	--	--	--	--	--

Standardization Rpt. 06/23/06 02:36:53 PM page 1

Method: TRACE1 Standard: STD 1
Run Time: 06/23/06 14:32:32

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	4.3042	.92344	.42077	.84944	1.4463	1.8139	.78180
SDev	.0061	.01983	.00108	.00108	.0022	.0080	.00265
%RSD	.14129	2.1473	.25699	.12662	.15376	.44099	.33964
#1	4.2999	.93747	.42154	.84868	1.4447	1.8082	.77992
#2	4.3085	.90942	.42001	.85020	1.4479	1.8195	.78367

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Ni2316	2203/1	2203/2
Avge	.67469	.45913	.71289	.39871	.59534	.51370	2.8552
SDev	.00173	.00059	.00267	.00109	.00139	.01155	.0233
%RSD	.25582	.12804	.37526	.27222	.23327	2.2484	.81487
#1	.67347	.45872	.71099	.39794	.59436	.52187	2.8716
#2	.67592	.45955	.71478	.39947	.59633	.50554	2.8387

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Avge	.19180	.28337	.48790	1.2432	.31240	.09021	.08096
SDev	.00438	.00860	.01346	.0029	.00267	.00015	.00046
%RSD	2.2815	3.0360	2.7593	.23186	.85484	.16185	.56416
#1	.19490	.28946	.49742	1.2412	.31051	.09032	.08064
#2	.18871	.27729	.47838	1.2453	.31428	.09011	.08129

Elem	Sn1899	Ag3280	Mo2020
Avge	.04880	.58584	.27030
SDev	.00035	.00187	.00092
%RSD	.70905	.31948	.33962
#1	.04855	.58452	.27095
#2	.04904	.58716	.26965

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5892	--	--	--	--	--	--
SDev	1.696987	--	--	--	--	--	--
%RSD	.0288037	--	--	--	--	--	--
#1	5890	--	--	--	--	--	--
#2	5893	--	--	--	--	--	--

Standardization Rpt. 06/23/06 02:41:19 PM page 1

Method: TRACE1 Standard: STD 2
Run Time: 06/23/06 14:36:57

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	20.647	4.6140	1.8605	4.1572	6.7699	8.7220	3.8656
SDev	.023	.0470	.0006	.0071	.0276	.0184	.0172
%RSD	.11288	1.0183	.03372	.16976	.40729	.21080	.44405
#1	20.663	4.5808	1.8609	4.1522	6.7504	8.7090	3.8535
#2	20.630	4.6473	1.8601	4.1622	6.7894	8.7350	3.8778

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Ni2316	2203/1	2203/2
Avge	3.2835	2.2470	3.4860	1.9496	2.9238	2.4370	13.706
SDev	.0159	.0015	.0109	.0046	.0023	.0057	.124
%RSD	.48328	.06526	.31190	.23599	.07902	.23589	.90354
#1	3.2722	2.2481	3.4783	1.9463	2.9255	2.4410	13.619
#2	3.2947	2.2460	3.4937	1.9528	2.9222	2.4329	13.794

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Avge	.94491	1.5879	2.1660	6.0892	1.6182	.44241	.39173
SDev	.00085	.0026	.0004	.0087	.0192	.00047	.00108
%RSD	.08983	.16645	.02017	.14232	1.1881	.10568	.27485
#1	.94551	1.5898	2.1657	6.0953	1.6046	.44208	.39249
#2	.94431	1.5861	2.1663	6.0831	1.6318	.44274	.39097

Elem	Sn1899	Ag3280	Mo2020
Avge	.23432	3.0226	1.3234
SDev	.00047	.0055	.0028
%RSD	.20112	.18267	.21377
#1	.23398	3.0265	1.3214
#2	.23465	3.0187	1.3254

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5949	--	--	--	--	--	--
SDev	.1059970	--	--	--	--	--	--
%RSD	.0017817	--	--	--	--	--	--
#1	5949	--	--	--	--	--	--
#2	5949	--	--	--	--	--	--

Standardization Rpt. 06/23/06 02:46:11 PM page 1

Method: TRACE1 Standard: STD 3
Run Time: 06/23/06 14:41:23

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	41.866	9.2791	3.7047	8.3534	13.391	38.833	17.499
SDev	.007	.0337	.0079	.0099	.003	.021	.053
%RSD	.01709	.36339	.21351	.11909	.02258	.05504	.30046
#1	41.871	9.2552	3.6992	8.3605	13.389	38.818	17.462
#2	41.861	9.3029	3.7103	8.3464	13.393	38.848	17.537

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	7.7272	6.5735	4.5431	6.9828	150.48	19.187	3.9081
SDev	.0124	.0074	.0050	.0087	.12	.006	.0007
%RSD	.16106	.11267	.11020	.12427	.08152	.03191	.01679
#1	7.7184	6.5682	4.5466	6.9767	150.56	19.182	3.9077
#2	7.7360	6.5787	4.5396	6.9890	150.39	19.191	3.9086

Elem	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1	1960/2
Avge	2.2704	5.8643	4.8478	27.457	1.9117	3.2958	4.3799
SDev	.0056	.0028	.0079	.027	.0019	.0253	.0330
%RSD	.24541	.04800	.16316	.09985	.10016	.76806	.75380
#1	2.2664	5.8663	4.8422	27.438	1.9103	3.2779	4.3566
#2	2.2743	5.8623	4.8534	27.476	1.9130	3.3137	4.4033

Elem	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Avge	12.292	3.3135	.89006	.77760	.46876	6.1648	2.6444
SDev	.009	.0074	.00012	.00226	.00032	.0004	.0109
%RSD	.07116	.22476	.01378	.29057	.06727	.00605	.41168
#1	12.299	3.3083	.89015	.77600	.46854	6.1650	2.6367
#2	12.286	3.3188	.88998	.77920	.46898	6.1645	2.6521

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5869	--	--	--	--	--	--
SDev	11.13693	--	--	--	--	--	--
%RSD	.1897691	--	--	--	--	--	--
#1	5861	--	--	--	--	--	--
#2	5877	--	--	--	--	--	--

Standardization Report 06/23/06 02:46:11 PM page 1

Method: TRACE1 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	1.20199	-.124986	06/23/06 02:41:23
As1890	189.042	Multiple	Standards	.107453	.001287	06/23/06 02:41:23
B_2496	249.678	Multiple	Standards	.274605	-.012055	06/23/06 02:41:23
Ba4934	493.409	Multiple	Standards	.119492	-.000277	06/23/06 02:41:23
Be3130	313.042	Multiple	Standards	.074636	-.006671	06/23/06 02:41:23
Ca3179	317.933	STD 3	STD BLK	1.11965	-.003757	06/23/06 02:41:23
Cd2265	226.502	Multiple	Standards	.056770	-.000246	06/23/06 02:41:23
Co2286	228.616	Multiple	Standards	.128643	.000833	06/23/06 02:41:23
Cr2677	267.716	Multiple	Standards	.151692	-.001156	06/23/06 02:41:23
Cu3247	324.753	Multiple	Standards	.220198	-.000627	06/23/06 02:41:23
Fe2714	271.441	Multiple	Standards	7.12597	.004101	06/23/06 02:41:23
K_7664	766.491	STD 3	STD BLK	.894439	-.192897	06/23/06 02:41:23
Mg2790	279.078	STD 3	STD BLK	1.13617	-.005579	06/23/06 02:41:23
Mn2576	257.610	Multiple	Standards	.254305	-.000285	06/23/06 02:41:23
Na3302	330.232	STD 3	STD BLK	.952649	-.001081	06/23/06 02:41:23
Ni2316	231.604	Multiple	Standards	.168371	.001674	06/23/06 02:41:23
2203/1	220.351	Multiple	Standards	.215949	-.009745	06/23/06 02:41:23
2203/2	220.352	Multiple	Standards	.035446	.000297	06/23/06 02:41:23
PB2203	220.353	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
SE1960	196.026	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Sb2068	206.838	Multiple	Standards	.542295	-.005158	06/23/06 02:41:23
1960/1	196.021	Multiple	Standards	.303680	.013819	06/23/06 02:41:23
1960/2	196.022	Multiple	Standards	.225464	-.008128	06/23/06 02:41:23
Ti3372	337.280	Multiple	Standards	.081059	.000668	06/23/06 02:41:23
Tl1908	190.864	Multiple	Standards	.303334	.003583	06/23/06 02:41:23
V_2924	292.402	Multiple	Standards	1.12357	-.000195	06/23/06 02:41:23
Zn2062	206.200	Multiple	Standards	1.26641	-.000650	06/23/06 02:41:23
Sn1899	189.989	Multiple	Standards	2.12034	-.002476	06/23/06 02:41:23
Ag3280	328.068	Multiple	Standards	.161417	.006411	06/23/06 02:41:23
Mo2020	202.030	Multiple	Standards	.375512	-.000293	06/23/06 02:41:23

Standardization Readback Report 06/23/06 02:46:11 PM page 1

Method: TRACE1

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	STD BLK	.000000	-.000353	.000353
		STD 1	5.00000	5.04862	-.048624
		STD 2	25.0000	24.6922	.307796
		STD 3	50.0000	50.1976	-.197617

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	STD BLK	.000000	-.000005	.000005
		STD 1	.100000	.100513	-.000513
		STD 2	.500000	.497078	.002922
		STD 3	1.00000	.998346	.001654

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	STD BLK	.000000	-.000019	.000019
		STD 1	.100000	.103491	-.003491
		STD 2	.500000	.498846	.001154
		STD 3	1.00000	1.00529	-.005287

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	STD BLK	.000000	-.000009	.000009
		STD 1	.100000	.101224	-.001224
		STD 2	.500000	.496473	.003527
		STD 3	1.00000	.997891	.002109

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	STD BLK	.000000	-.000010	.000010
		STD 1	.100000	.101276	-.001276
		STD 2	.500000	.498606	.001394
		STD 3	1.00000	.992764	.007236

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Ca3179	317.933	STD BLK	.030729	.030801	-.000072
		STD 3	43.4757	38.8330	4.64264

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	STD BLK	.000000	-.000020	.000020
		STD 1	.100000	.102727	-.002727
		STD 2	.500000	.494900	.005100
		STD 3	1.00000	.993199	.006801

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	STD BLK	.000000	-.000011	.000011
		STD 1	.100000	.101406	-.001406
		STD 2	.500000	.498121	.001879
		STD 3	1.00000	.994887	.005113

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	STD BLK	.000000	-.000010	.000010
		STD 1	.100000	.101190	-.001190
		STD 2	.500000	.496918	.003082
		STD 3	1.00000	.995985	.004015

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	STD BLK	.000000	-.000005	.000005
		STD 1	.100000	.100473	-.000473
		STD 2	.500000	.494161	.005839
		STD 3	1.00000	.999756	.000244

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	STD BLK	.000000	-.000628	.000628
		STD 1	5.00000	5.08410	-.084099
		STD 2	25.0000	24.8452	.154762
		STD 3	50.0000	49.7635	.236465

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	STD BLK	-.210334	-.019495	-.190839
		STD 3	134.399	150.477	-16.0774

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Mg2790	279.078	STD BLK	.003478	.007972	-.004494
		STD 3	21.7938	19.1867	2.60711

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	STD BLK	.000000	-.000011	.000011
		STD 1	.100000	.101108	-.001108
		STD 2	.500000	.495502	.004498
		STD 3	1.00000	.993568	.006432

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	STD BLK	.004608	.005972	-.001364
		STD 3	2.16177	2.27035	-.108583

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	STD BLK	.000000	-.000017	.000017
		STD 1	.100000	.101913	-.001913
		STD 2	.500000	.493962	.006038
		STD 3	1.00000	.989047	.010953

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	STD BLK	.000000	.000013	-.000013
		STD 1	.100000	.101189	-.001189
		STD 2	.500000	.516513	-.016513
		STD 3	1.00000	1.03712	-.037124

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	STD BLK	.000000	-.000024	.000024
		STD 1	.100000	.101503	-.001503
		STD 2	.500000	.486134	.013866
		STD 3	1.00000	.973548	.026452

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
PB2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
SE1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	STD BLK	.000000	.000020	-.000020
		STD 1	.100000	.098855	.001145
		STD 2	.500000	.507264	-.007264
		STD 3	1.00000	1.03153	-.031533

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	STD BLK	.000000	.000004	-.000004
		STD 1	.100000	.099873	.000127
		STD 2	.500000	.496044	.003956
		STD 3	1.00000	1.01468	-.014681

CorCoef: 0.99993

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	STD BLK	.000000	-.000027	.000027
		STD 1	.100000	.101877	-.001877
		STD 2	.500000	.480227	.019773
		STD 3	1.00000	.979387	.020613

CorCoef: 0.99992

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3372	337.280	STD BLK	.000000	-.000012	.000012
		STD 1	.100000	.101442	-.001442
		STD 2	.500000	.494251	.005749
		STD 3	1.00000	.997081	.002919

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	STD BLK	.000000	.000010	-.000010
		STD 1	.100000	.098344	.001656
		STD 2	.500000	.494436	.005564
		STD 3	1.00000	1.00868	-.008685

CorCoef: 0.99995

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	STD BLK	.000000	-.000008	.000008
		STD 1	.100000	.101167	-.001167
		STD 2	.500000	.496887	.003113
		STD 3	1.00000	.999859	.000141

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	STD BLK	.000000	-.000018	.000018
		STD 1	.100000	.101884	-.001884
		STD 2	.500000	.495445	.004555
		STD 3	1.00000	.984116	.015884

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	STD BLK	.000000	-.000011	.000011
		STD 1	.100000	.100993	-.000993
		STD 2	.500000	.494353	.005647
		STD 3	1.00000	.991453	.008547

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	STD BLK	.000000	-.000008	.000008
		STD 1	.100000	.100975	-.000975
		STD 2	.500000	.494306	.005694
		STD 3	1.00000	1.00151	-.001508

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	STD BLK	.000000	-.000011	.000011
		STD 1	.100000	.101209	-.001209
		STD 2	.500000	.496647	.003353
		STD 3	1.00000	.992700	.007300

CorCoef: 1.00000

Analysis Report Blank Sample 06/23/06 02:51:04 PM page 1

Method: TRACE1 Sample Name: STD 3 VER Operator: SW
Run Time: 06/23/06 14:46:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.033	1.0020	.99376	.99506	.99002	49.768	.99494
SDev	.195	.0001	.00120	.00137	.00370	.247	.00101
%RSD	.39003	.00711	.12113	.13725	.37413	.49712	.10187
#1	50.171	1.0020	.99461	.99409	.98741	49.943	.99566
#2	49.895	1.0019	.99291	.99602	.99264	49.593	.99422
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99223	.99472	.99824	49.722	49.723	49.861	.99301
SDev	.00293	.00371	.00195	.076	.172	.163	.00105
%RSD	.29505	.37299	.19530	.15238	.34567	.32750	.10555
#1	.99016	.99210	.99962	49.668	49.844	49.977	.99226
#2	.99430	.99734	.99686	49.776	49.601	49.746	.99375
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.158	.98922	1.0064	.98204	.99016	.99560	1.0242
SDev	.209	.00332	.0081	.00082	.00214	.00357	.0036
%RSD	.41649	.33528	.80246	.08342	.21642	.35831	.34737
#1	50.305	.99157	1.0121	.98146	.99167	.99812	1.0267
#2	50.010	.98688	1.0007	.98262	.98864	.99307	1.0217
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0090	.98892	.99327	1.0237	.99668	.98122	.99372
SDev	.0057	.00250	.00458	.0001	.00013	.00236	.00226
%RSD	.56416	.25330	.46105	.00497	.01274	.24078	.22765
#1	1.0130	.99069	.99651	1.0237	.99659	.98289	.99212
#2	1.0050	.98715	.99003	1.0236	.99677	.97955	.99532
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.99665	.99158
SDev	.00459	.00721
%RSD	.46089	.72755
#1	.99989	.98648
#2	.99340	.99668
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5903	--	--	--	--	--	--
SDev	15.16758	--	--	--	--	--	--
%RSD	.2569263	--	--	--	--	--	--
#1	5893	--	--	--	--	--	--
#2	5914	--	--	--	--	--	--

Analysis Report QC Standard 06/23/06 03:01:27 PM page 1

Method: TRACE1 Sample Name: ICV Operator: SW
Run Time: 06/23/06 14:56:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.792	.36841	.35671	.36498	.37351	19.178	.37607
SDev	.014	.00149	.00377	.00008	.00028	.016	.00050
%RSD	.07287	.40457	1.0562	.02266	.07446	.08544	.13376
#1	18.801	.36946	.35938	.36492	.37332	19.190	.37643
#2	18.782	.36736	Q.35405	.36504	.37371	19.167	.37572
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	18.750	.37500	.37500	.37500	.37500	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37130	.37320	.38698	18.785	19.335	18.925	.37926
SDev	.00004	.00092	.00081	.018	.100	.025	.00043
%RSD	.00968	.24721	.20856	.09672	.51643	.13188	.11264
#1	.37127	.37255	.38755	18.772	19.406	18.943	.37895
#2	.37132	.37385	.38641	18.798	19.265	18.907	.37956
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500	.37500	.37500	18.750	18.750	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.506	.37940	.37590	.37497	.37527	.38067	.37817
SDev	.070	.00024	.00139	.00147	.00052	.00116	.00080
%RSD	.37882	.06272	.36955	.39231	.13819	.30454	.21140
#1	18.555	.37957	.37688	.37392	.37491	.38149	.37874
#2	18.456	.37923	.37491	.37601	.37564	.37985	.37760
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	18.750	.37500			.37500	.37500	.37500
Range	5.0000	5.0000			5.0000	5.0000	5.0000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37940	.38132	.38426	.39078	.37551	.36978	.37529
SDev	.00627	.00140	.00028	.00099	.00050	.00025	.00239
%RSD	1.6535	.36654	.07377	.25293	.13232	.06659	.63611
#1	.38383	.38033	.38406	.39009	.37516	.36995	.37360
#2	.37496	.38230	.38446	.39148	.37586	.36961	.37697
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.37500	.37500	.37500	.37500	.37500
Range			5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.37018	.37057
SDev	.00023	.00349
%RSD	.06107	.94245
#1	.37034	.36810
#2	.37002	.37304
Errors	QC Pass	QC Pass
Value	.37500	.37500
Range	5.0000	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5930	--	--	--	--	--	--
SDev	5.727634	--	--	--	--	--	--
%RSD	.0965833	--	--	--	--	--	--
#1	5934	--	--	--	--	--	--
#2	5926	--	--	--	--	--	--

Analysis Report Blank Sample 06/23/06 03:06:25 PM page 1

Method: TRACE1 Sample Name: ICB Operator: SW
Run Time: 06/23/06 15:01:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02027	-.00136	.00175	.00000	.00011	-.00151	.00006
SDev	.00449	.00032	.00181	.00003	.00003	.00057	.00007
%RSD	22.135	23.791	103.47	895.20	24.437	37.882	115.16
#1	.02344	-.00158	.00303	.00002	.00009	-.00192	.00001
#2	.01710	-.00113	.00047	-.00002	.00012	-.00111	.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	-.00016	-.00028	-.00965	.01983	-.00011	.00003
SDev	.00014	.00011	.00029	.00087	.01323	.00036	.00003
%RSD	683.69	65.460	104.12	9.0597	66.712	342.79	85.887
#1	.00008	-.00024	-.00007	-.01027	.02918	.00015	.00001
#2	-.00012	-.00009	-.00048	-.00904	.01048	-.00036	.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05097	.00037	-.00242	-.00126	-.00165	-.00057	-.00170
SDev	.05136	.00000	.00176	.00051	.00024	.00021	.00013
%RSD	100.77	.49805	72.884	40.649	14.858	36.533	7.9325
#1	.01465	.00037	-.00366	-.00090	-.00182	-.00072	-.00160
#2	.08728	.00038	-.00117	-.00162	-.00147	-.00043	-.00179
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00203	.00016	.00021	.00056	.00018	-.00044	.00090
SDev	.00226	.00081	.00013	.00205	.00027	.00000	.00176
%RSD	110.91	517.78	65.262	368.65	145.96	.05919	194.31
#1	-.00363	.00073	.00030	.00200	-.00001	-.00044	-.00034
#2	-.00044	-.00042	.00011	-.00089	.00037	-.00044	.00215
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00111	.00119
SDev	.00016	.00004
%RSD	14.806	3.5787
#1	.00123	.00116
#2	.00100	.00122
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5958	--	--	--	--	--	--
SDev	8.272942	--	--	--	--	--	--
%RSD	.1388543	--	--	--	--	--	--
#1	5952	--	--	--	--	--	--
#2	5964	--	--	--	--	--	--

Analysis Report Blank Sample 06/23/06 03:11:21 PM page 1

Method: TRACE1 Sample Name: CRI Operator: SW
Run Time: 06/23/06 15:06:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22076	.01021	.06002	.00196	.00205	.51760	.00081
SDev	.00281	.00174	.00194	.00001	.00002	.00369	.00003
%RSD	1.2731	17.056	3.2411	.66124	1.0656	.71271	4.0147
#1	.22275	.00898	.05864	.00197	.00204	.51499	.00083
#2	.21877	.01144	.06140	.00195	.00207	.52021	.00078
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.07500	.00300	.00300	.75000	.00150
Low	.10000	.00500	.02500	.00100	.00100	.25000	.00050

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00380	.00314	.00882	.04057	.52587	.21007	.00294
SDev	.00020	.00007	.00021	.00837	.00819	.00367	.00000
%RSD	5.1622	2.3423	2.4041	20.634	1.5570	1.7490	.04414
#1	.00393	.00309	.00867	.04649	.53166	.20747	.00294
#2	.00366	.00320	.00897	.03465	.52008	.21267	.00294
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.91559	.00982	.00132	.00314	.00253	.01473	.01494
SDev	.09457	.00056	.00118	.00097	.00025	.00128	.00071
%RSD	10.329	5.6978	89.489	30.775	9.9277	8.6653	4.7710
#1	.84872	.00943	.00048	.00382	.00271	.01383	.01444
#2	.98246	.01022	.00215	.00245	L.00235	.01563	.01545
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.5000	.01500			.00750	.02250	.03000
Low	.50000	.00500			.00250	.00750	.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01437	.01491	.00545	.02076	.00514	.01974	.00709
SDev	.00158	.00113	.00005	.00072	.00013	.00044	.00201
%RSD	10.973	7.5528	.91949	3.4825	2.5243	2.2228	28.284
#1	.01326	.01411	.00541	.02025	.00524	.02005	.00567
#2	.01549	.01570	.00548	.02127	.00505	.01943	.00851
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00750	.03000	.00750	.03000	.01500
Low			.00250	.01000	.00250	.01000	.00500

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00369	.01074
SDev	.00004	.00053
%RSD	.99656	4.9043
#1	.00367	.01111
#2	.00372	.01036
Errors	LC Pass	LC Pass
High	.00450	.01500
Low	.00150	.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5993	--	--	--	--	--	--
SDev	2.863644	--	--	--	--	--	--
%RSD	.0477817	--	--	--	--	--	--
#1	5995	--	--	--	--	--	--
#2	5991	--	--	--	--	--	--

Analysis Report QC Standard 06/23/06 03:16:17 PM page 1

Method: TRACE1 Sample Name: ICSA Operator: SW
Run Time: 06/23/06 15:11:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	495.73	.00142	.02478	-.00784	.00174	488.25	.00115
SDev	2.51	.00367	.00062	.00011	.00002	1.25	.00003
%RSD	.50535	257.96	2.5049	1.3404	1.2470	.25679	2.4195
#1	497.50	.00402	.02522	-.00791	.00175	489.14	.00113
#2	493.96	-.00117	.02434	-.00776	.00172	487.37	.00117
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value	500.00					500.00	
Range	100.00					100.00	

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00104	-.00161	-.00047	190.10	.00577	460.75	-.00260
SDev	.00055	.00047	.00010	.22	.00334	1.37	.00002
%RSD	53.167	29.289	20.117	.11601	57.824	.29708	.70944
#1	.00065	-.00195	-.00054	190.25	.00813	461.72	-.00259
#2	.00143	-.00128	-.00041	189.94	.00341	459.78	-.00262
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK	QC Pass	NOCHECK
Value				200.00		500.00	
Range				40.000		100.00	

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00137	.00049	-.01743	.04895	.02684	-.00304	-.00536
SDev	.04542	.00028	.00239	.00016	.00069	.00236	.00588
%RSD	3310.3	57.284	13.720	.32803	2.5677	77.835	109.63
#1	-.03075	.00029	-.01912	.04906	.02636	-.00136	-.00952
#2	.03349	.00069	-.01574	.04883	.02733	-.00471	-.00121
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01002	.00046	.00182	-.00764	.00015	-.00009	.00019
SDev	.00619	.00664	.00059	.00207	.00014	.00001	.00054
%RSD	61.779	1450.1	32.363	27.104	92.101	10.369	286.41
#1	-.01440	.00515	.00141	-.00910	.00005	-.00010	.00057
#2	-.00564	-.00424	.00224	-.00617	.00024	-.00008	-.00019
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00117	.00081
SDev	.00042	.00318
%RSD	36.122	391.82
#1	.00087	-.00144
#2	.00146	.00306
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5601	--	--	--	--	--	--
SDev	14.31891	--	--	--	--	--	--
%RSD	.2556526	--	--	--	--	--	--
#1	5591	--	--	--	--	--	--
#2	5611	--	--	--	--	--	--

Analysis Report QC Standard 06/23/06 03:21:14 PM page 1

Method: TRACE1 Sample Name: ICSAB Operator: SW
Run Time: 06/23/06 15:16:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	503.92	.10879	.00804	.50213	.48349	504.63	.96928
SDev	4.78	.00226	.00088	.00178	.00033	4.64	.00194
%RSD	.94927	2.0744	10.940	.35545	.06778	.91977	.20021
#1	507.31	.11038	.00867	.50340	.48326	507.91	.97066
#2	500.54	.10719	.00742	.50087	.48373	501.35	.96791
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48216	.48689	.53433	96.447	-.00830	457.37	.48206
SDev	.00089	.00031	.00359	.295	.01608	3.12	.00220
%RSD	.18388	.06358	.67111	.30536	193.69	.68209	.45569
#1	.48279	.48711	.53686	96.656	.00307	459.57	.48361
#2	.48154	.48667	.53179	96.239	-.01967	455.16	.48050
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06173	.91168	.01136	.07862	.05622	.04843	.63203
SDev	.02324	.00604	.00083	.00078	.00024	.00552	.00000
%RSD	37.650	.66249	7.2722	.99166	.43561	11.400	.00012
#1	.07816	.91596	.01078	.07917	.05639	.04453	.63203
#2	.04530	.90741	.01194	.07806	.05605	.05233	.63203
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value		1.0000			.05000	.05000	.60000
Range		.20000			.01000	.01000	.12000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04618	.04956	.00132	.10324	.49440	.90197	.00423
SDev	.00876	.00390	.00016	.00467	.00278	.00134	.00491
%RSD	18.976	7.8708	12.163	4.5220	.56129	.14898	116.22
#1	.03998	.04680	.00143	.09994	.49636	.90292	.00770
#2	.05237	.05231	.00120	.10655	.49244	.90102	.00075
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK
Value				.10000	.50000	1.0000	
Range				.02000	.10000	.20000	

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.21191	.00169
SDev	.00217	.00142
%RSD	1.0258	84.341
#1	.21345	.00068
#2	.21038	.00269
Errors	QC Pass	NOCHECK
Value	.20000	
Range	.04000	

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5554	--	--	--	--	--	--
SDev	47.09338	--	--	--	--	--	--
%RSD	.8478419	--	--	--	--	--	--
#1	5521	--	--	--	--	--	--
#2	5588	--	--	--	--	--	--

Analysis Report QC Standard 06/23/06 03:27:36 PM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 06/23/06 15:22:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.952	.49500	.47869	.48616	.49782	25.474	.50512
SDev	.010	.00276	.00091	.00021	.00080	.048	.00088
%RSD	.03957	.55676	.19071	.04393	.15981	.19037	.17380
#1	24.959	.49305	.47934	.48631	.49726	25.440	.50450
#2	24.945	.49695	.47805	.48601	.49838	25.508	.50574
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49618	.50004	.51482	25.215	25.579	24.964	.50687
SDev	.00065	.00131	.00136	.055	.038	.039	.00082
%RSD	.13059	.26225	.26340	.21803	.14705	.15444	.16113
#1	.49573	.49911	.51578	25.176	25.605	24.937	.50629
#2	.49664	.50097	.51386	25.254	25.552	24.992	.50744
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.717	.50352	.50858	.49611	.50026	.50741	.51205
SDev	.112	.00119	.00001	.00517	.00344	.00285	.00506
%RSD	.45173	.23676	.00212	1.0414	.68814	.56254	.98866
#1	24.796	.50267	.50859	.49246	.49783	.50943	.50847
#2	24.638	.50436	.50857	.49977	.50270	.50540	.51562
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51662	.50282	.51061	.53024	.50098	.49133	.49866
SDev	.01010	.00077	.00024	.00455	.00078	.00113	.00536
%RSD	1.9554	.15302	.04775	.85721	.15518	.23065	1.0744
#1	.52376	.50227	.51044	.52703	.50043	.49053	.49487
#2	.50948	.50336	.51078	.53346	.50153	.49213	.50245
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.49054	.49891
SDev	.00041	.00208
%RSD	.08345	.41701
#1	.49025	.49744
#2	.49083	.50039
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5956	--	--	--	--	--	--
SDev	8.167291	--	--	--	--	--	--
%RSD	.1371242	--	--	--	--	--	--
#1	5950	--	--	--	--	--	--
#2	5962	--	--	--	--	--	--

Analysis Report Blank Sample 06/23/06 03:32:32 PM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 06/23/06 15:27:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05658	.00038	.00083	.00007	.00028	.02543	.00010
SDev	.02790	.00221	.00063	.00007	.00003	.03439	.00009
%RSD	49.301	589.89	76.330	93.349	10.267	135.25	83.483
#1	.03686	.00194	.00128	.00003	.00026	.00111	.00004
#2	.07631	-.00119	.00038	.00012	.00030	.04975	.00016
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00009	-.00017	-.00100	.00166	.00394	.02876	.00002
SDev	.00053	.00013	.00063	.01026	.02429	.03198	.00012
%RSD	628.28	76.589	63.020	617.26	617.08	111.21	801.44
#1	.00046	-.00008	-.00055	-.00559	.02112	.00614	-.00007
#2	-.00029	-.00026	-.00144	.00892	-.01324	.05137	.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01188	.00055	-.00418	-.00070	-.00186	.00040	-.00108
SDev	.09812	.00047	.00125	.00105	.00112	.00094	.00031
%RSD	826.02	84.399	29.823	150.29	60.057	236.10	28.580
#1	.08126	.00022	-.00330	.00004	-.00107	-.00027	-.00130
#2	-.05750	.00088	-.00506	-.00144	-.00264	.00106	-.00087
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00036	.00078	.00018	-.00148	.00056	-.00044	.00111
SDev	.00299	.00008	.00027	.00092	.00054	.00060	.00204
%RSD	839.37	10.762	152.91	62.400	95.490	138.24	184.23
#1	-.00247	.00083	.00037	-.00083	.00095	-.00086	.00255
#2	.00176	.00072	-.00001	-.00213	.00018	-.00001	-.00033
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00113	.00113
SDev	.00006	.00129
%RSD	5.1113	114.49
#1	.00109	.00022
#2	.00117	.00205
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5926	--	--	--	--	--	--
SDev	21.42520	--	--	--	--	--	--
%RSD	.3615335	--	--	--	--	--	--
#1	5911	--	--	--	--	--	--
#2	5941	--	--	--	--	--	--

Analysis Report 06/23/06 03:37:29 PM page 1

Method: TRACE1 Sample Name: AD636755/PB Operator: SW
Run Time: 06/23/06 15:32:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06749	-.00076	.00632	.00008	.00016	.07343	.00000
SDev	.01707	.00141	.00085	.00003	.00000	.01878	.00003
%RSD	25.300	185.60	13.477	33.946	1.6146	25.568	1161.1
#1	.05542	-.00175	.00572	.00006	.00016	.06016	.00003
#2	.07957	.00024	.00692	.00010	.00016	.08671	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00027	-.00054	-.00105	.00822	.01543	.01849	.00014
SDev	.00016	.00023	.00049	.00418	.02444	.01411	.00012
%RSD	61.534	43.326	46.829	50.864	158.39	76.272	87.846
#1	.00038	-.00037	-.00070	.01118	.03271	.00852	.00022
#2	.00015	-.00070	-.00139	.00527	-.00185	.02847	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05331	.00046	-.00499	-.00200	-.00300	.00254	-.00407
SDev	.16959	.00045	.00030	.00066	.00054	.00156	.00051
%RSD	318.11	98.239	6.0294	33.153	18.113	61.288	12.491
#1	.17322	.00078	-.00478	-.00153	-.00261	.00144	-.00443
#2	-.06660	.00014	-.00520	-.00247	-.00338	.00364	-.00371
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00242	.00260	.00033	-.00095	-.00020	.00177	-.00054
SDev	.00224	.00121	.00019	.00013	.00000	.00014	.00175
%RSD	92.772	46.629	57.094	13.668	.10940	7.9950	326.21
#1	.00083	.00174	.00047	-.00086	-.00020	.00167	.00070
#2	.00401	.00345	.00020	-.00104	-.00019	.00187	-.00177
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00092	.00158
SDev	.00009	.00133
%RSD	10.035	84.074
#1	.00085	.00252
#2	.00098	.00064
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6022	--	--	--	--	--	--
SDev	17.71289	--	--	--	--	--	--
%RSD	.2941155	--	--	--	--	--	--
#1	6010	--	--	--	--	--	--
#2	6035	--	--	--	--	--	--

Analysis Report 06/23/06 03:42:26 PM page 1

Method: TRACE1 Sample Name: AD636754/FB Operator: SW
Run Time: 06/23/06 15:37:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9416	.20125	.19189	.19700	.19771	9.9650	.20897
SDev	.0412	.00168	.00209	.00036	.00067	.0414	.00069
%RSD	.41422	.83310	1.0907	.18321	.33859	.41521	.33042
#1	9.9125	.20243	.19041	.19674	.19724	9.9357	.20849
#2	9.9707	.20006	.19337	.19725	.19818	9.9942	.20946
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19841	.20206	.20759	10.145	10.444	9.8744	.19569
SDev	.00015	.00064	.00009	.034	.021	.0230	.00049
%RSD	.07472	.31472	.04168	.33066	.20471	.23257	.25185
#1	.19830	.20161	.20753	10.122	10.429	9.8582	.19534
#2	.19851	.20251	.20765	10.169	10.459	9.8907	.19604
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.8039	.20745	.20035	.19849	.19911	.20416	.20430
SDev	.1066	.00076	.00209	.00101	.00137	.00428	.00101
%RSD	1.0874	.36449	1.0420	.50743	.68654	2.0938	.49232
#1	9.7285	.20798	.19887	.19778	.19814	.20114	.20501
#2	9.8792	.20692	.20183	.19920	.20008	.20718	.20359
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	11.500	.23000			.23000	.23000	.23000
Low	8.5000	.17000			.17000	.17000	.17000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21058	.20095	.19953	.21208	.19935	.19563	.19966
SDev	.00498	.00392	.00096	.00314	.00038	.00156	.00039
%RSD	2.3629	1.9527	.48074	1.4808	.19013	.79956	.19355
#1	.20706	.19818	.19885	.20986	.19908	.19452	.19939
#2	.21410	.20373	.20021	.21430	.19962	.19673	.19993
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.23000	.23000	.23000	.23000	.23000
Low			.17000	.17000	.17000	.17000	.17000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05061	.20060
SDev	.00005	.00019
%RSD	.09126	.09519
#1	.05058	.20074
#2	.05064	.20047
Errors	LC Pass	NOCHECK
High	.05750	
Low	.04250	

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6020	--	--	--	--	--	--
SDev	11.45527	--	--	--	--	--	--
%RSD	.1902932	--	--	--	--	--	--
#1	6028	--	--	--	--	--	--
#2	6012	--	--	--	--	--	--

Analysis Report 06/23/06 03:47:23 PM page 1

Method: TRACE1 Sample Name: AD636736 Operator: SW
Run Time: 06/23/06 15:42:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05120	-.00119	.00566	.00053	.00009	.12136	.00002
SDev	.00246	.00023	.00020	.00001	.00003	.00029	.00009
%RSD	4.8001	19.281	3.5346	1.8924	38.487	.23591	373.25
#1	.04947	-.00103	.00581	.00054	.00006	.12157	.00008
#2	.05294	-.00135	.00552	.00052	.00011	.12116	-.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00024	.00076	-.00059	.01898	.01421	.01769	.00061
SDev	.00010	.00073	.00037	.00415	.00847	.00314	.00006
%RSD	43.040	95.674	61.826	21.881	59.581	17.718	9.1534
#1	.00017	.00127	-.00033	.02191	.00822	.01991	.00065
#2	.00031	.00025	-.00085	.01604	.02019	.01548	.00057
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22106	.00097	-.00267	.00059	-.00049	.00124	-.00231
SDev	.00099	.00028	.00198	.00057	.00104	.00132	.00222
%RSD	.44609	29.094	74.296	95.578	210.73	105.83	96.244
#1	.22176	.00117	-.00127	.00100	.00024	.00217	-.00074
#2	.22036	.00077	-.00407	.00019	-.00123	.00031	-.00389
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00343	.00358	.00047	-.00239	.00018	.00243	.00108
SDev	.00620	.00113	.00001	.00387	.00027	.00013	.00102
%RSD	180.55	31.440	2.2502	161.89	147.68	5.5431	94.820
#1	.00095	.00279	.00048	.00035	-.00001	.00252	.00036
#2	-.00782	.00438	.00046	-.00513	.00037	.00233	.00180
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00125	.00002
SDev	.00028	.00107
%RSD	22.357	4356.8
#1	.00105	-.00073
#2	.00145	.00078
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5973	--	--	--	--	--	--
SDev	30.44115	--	--	--	--	--	--
%RSD	.5096652	--	--	--	--	--	--
#1	5994	--	--	--	--	--	--
#2	5951	--	--	--	--	--	--

Analysis Report 06/23/06 04:15:21 PM page 1

Method: TRACE1 Sample Name: AD636737 Operator: SW
Run Time: 06/23/06 16:10:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.430	.00630	.08590	.68294	.00140	39.622	-.00011
SDev	.072	.00122	.00088	.00056	.00003	.099	.00012
%RSD	.28120	19.304	1.0275	.08194	2.2630	.24947	109.56
#1	25.481	.00544	.08527	.68334	.00142	39.692	-.00002
#2	25.380	.00716	.08652	.68254	.00138	39.552	-.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01033	.03453	.02776	28.664	10.638	18.024	.58021
SDev	.00027	.00012	.00018	.004	.045	.055	.00064
%RSD	2.5753	.34286	.65212	.01430	.42706	.30680	.10978
#1	.01014	.03461	.02788	28.662	10.670	18.063	.58066
#2	.01052	.03445	.02763	28.667	10.606	17.985	.57976
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.560	.03069	.00902	.01590	.01361	.00276	-.00275
SDev	.081	.00049	.00139	.00170	.00160	.00595	.00143
%RSD	.49093	1.5911	15.413	10.676	11.721	215.65	51.814
#1	16.618	.03103	.00804	.01470	.01248	-.00145	-.00174
#2	16.503	.03034	.01000	.01710	.01474	.00697	-.00376
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00290	.00269	.39766	-.00209	.04648	.05903	-.00142
SDev	.01168	.00309	.00788	.00031	.00008	.00038	.00098
%RSD	402.25	114.79	1.9825	15.036	.17262	.63945	69.068
#1	-.00536	.00051	.39209	-.00232	.04642	.05876	-.00073
#2	.01117	.00487	.40324	-.00187	.04653	.05929	-.00211
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00140	.00232
SDev	.00038	.00019
%RSD	27.250	8.0187
#1	.00167	.00245
#2	.00113	.00219
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5975	--	--	--	--	--	--
SDev	22.69820	--	--	--	--	--	--
%RSD	.3798989	--	--	--	--	--	--
#1	5959	--	--	--	--	--	--
#2	5991	--	--	--	--	--	--

Analysis Report 06/23/06 04:20:17 PM page 1

Method: TRACE1 Sample Name: AD636737/L (1:5) Operator: SW
Run Time: 06/23/06 16:15:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.4973	-.00068	.01874	.14601	.00053	8.1492	-.00005
SDev	.0309	.00204	.00010	.00006	.00004	.0159	.00000
%RSD	.47608	298.79	.53581	.04006	6.8580	.19483	3.9558
#1	6.5192	.00076	.01867	.14605	.00056	8.1604	-.00004
#2	6.4754	-.00213	.01881	.14597	.00051	8.1380	-.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00186	.00785	.00447	5.9913	2.7484	3.8398	.11792
SDev	.00025	.00007	.00031	.0095	.0234	.0026	.00008
%RSD	13.614	.91289	6.8693	.15879	.85228	.06689	.06663
#1	.00168	.00790	.00468	5.9980	2.7650	3.8416	.11798
#2	.00204	.00780	.00425	5.9846	2.7318	3.8380	.11787
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.3855	.00671	-.00261	.00221	.00060	.00140	-.00549
SDev	.0785	.00020	.00054	.00266	.00196	.00266	.00168
%RSD	2.3190	2.9803	20.670	120.72	323.98	189.66	30.501
#1	3.4410	.00656	-.00223	.00409	.00199	.00329	-.00668
#2	3.3300	.00685	-.00299	.00032	-.00078	-.00048	-.00431
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00317	.00369	.18751	-.00028	.01209	.01202	.00167
SDev	.00555	.00122	.00800	.00200	.00044	.00040	.00004
%RSD	174.90	33.024	4.2639	723.56	3.6787	3.3330	2.2063
#1	.00075	.00456	.19317	-.00169	.01240	.01174	.00170
#2	-.00710	.00283	.18186	.00114	.01177	.01231	.00165
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00129	.00096
SDev	.00017	.00023
%RSD	13.426	23.717
#1	.00117	.00112
#2	.00142	.00080
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5960	--	--	--	--	--	--
SDev	23.75886	--	--	--	--	--	--
%RSD	.3986118	--	--	--	--	--	--
#1	5944	--	--	--	--	--	--
#2	5977	--	--	--	--	--	--

Analysis Report 06/23/06 04:25:13 PM page 1

Method: TRACE1 Sample Name: AD636737/PS Operator: SW
Run Time: 06/23/06 16:20:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	34.128	.20082	.27145	.85978	.19396	48.375	.20060
SDev	.050	.00108	.00088	.00109	.00063	.141	.00040
%RSD	.14777	.53676	.32310	.12648	.32295	.29098	.19980
#1	34.164	.20159	.27207	.86054	.19440	48.276	.20089
#2	34.093	.20006	.27083	.85901	.19351	48.475	.20032
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20204	.22874	.23043	37.872	20.504	27.368	.75722
SDev	.00019	.00030	.00041	.009	.024	.011	.00030
%RSD	.09581	.13115	.17846	.02400	.11822	.03888	.03965
#1	.20218	.22895	.23014	37.878	20.521	27.361	.75744
#2	.20191	.22853	.23072	37.865	20.487	27.376	.75701
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.973	.22647	.20673	.20707	.20696	.19858	.19577
SDev	.056	.00004	.00040	.00016	.00003	.00018	.00055
%RSD	.21614	.01774	.19271	.07580	.01352	.08968	.28127
#1	26.012	.22649	.20702	.20696	.20698	.19870	.19616
#2	25.933	.22644	.20645	.20718	.20694	.19845	.19538
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20425	.19574	.55345	.20947	.24044	.24182	.19327
SDev	.00434	.00190	.00462	.00180	.00041	.00017	.00076
%RSD	2.1242	.97178	.83519	.86144	.16951	.07059	.39544
#1	.20732	.19440	.55672	.20820	.24073	.24170	.19273
#2	.20118	.19709	.55018	.21075	.24016	.24194	.19381
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.04990	.19456
SDev	.00064	.00009
%RSD	1.2732	.04444
#1	.04945	.19450
#2	.05035	.19462
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5995	--	--	--	--	--	--
SDev	6.894291	--	--	--	--	--	--
%RSD	.1149954	--	--	--	--	--	--
#1	5990	--	--	--	--	--	--
#2	6000	--	--	--	--	--	--

Analysis Report 06/23/06 04:30:10 PM page 1

Method: TRACE1 Sample Name: AD636738/MS Operator: SW
Run Time: 06/23/06 16:25:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	30.888	.20836	.27001	.80146	.19981	45.244	.20985
SDev	.242	.00057	.00134	.00294	.00038	.062	.00047
%RSD	.78215	.27494	.49764	.36632	.18929	.13665	.22147
#1	31.059	.20877	.27096	.80353	.20008	45.288	.21018
#2	30.717	.20796	.26906	.79938	.19954	45.200	.20953
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20724	.23227	.23193	33.411	18.950	25.472	.60713
SDev	.00030	.00121	.00050	.077	.102	.076	.00126
%RSD	.14444	.52225	.21522	.22987	.53775	.29800	.20737
#1	.20745	.23312	.23228	33.465	19.022	25.525	.60802
#2	.20703	.23141	.23158	33.357	18.878	25.418	.60624
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	26.647	.23202	.20944	.20878	.20900	.20014	.19697
SDev	.218	.00049	.00567	.00098	.00254	.00630	.00075
%RSD	.81888	.21317	2.7082	.46912	1.2163	3.1463	.38109
#1	26.801	.23237	.21345	.20947	.21079	.20460	.19750
#2	26.493	.23167	.20543	.20808	.20720	.19569	.19644
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20060	.19992	.52010	.21218	.23855	.22936	.20232
SDev	.00052	.00971	.03279	.00415	.00073	.00009	.00227
%RSD	.26115	4.8558	6.3053	1.9549	.30598	.03757	1.1206
#1	.20023	.20678	.54329	.21512	.23907	.22930	.20071
#2	.20097	.19305	.49692	.20925	.23804	.22942	.20392
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05194	.20260
SDev	.00039	.00133
%RSD	.74811	.65566
#1	.05221	.20166
#2	.05166	.20354
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5985	--	--	--	--	--	--
SDev	48.57837	--	--	--	--	--	--
%RSD	.8116891	--	--	--	--	--	--
#1	5950	--	--	--	--	--	--
#2	6019	--	--	--	--	--	--

Analysis Report 06/23/06 04:35:06 PM page 1

Method: TRACE1 Sample Name: AD636739/SD Operator: SW
Run Time: 06/23/06 16:30:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	35.587	.20508	.26688	.85476	.19460	44.924	.20390
SDev	.081	.00165	.00143	.00082	.00067	.002	.00068
%RSD	.22717	.80554	.53614	.09546	.34547	.00376	.33593
#1	35.644	.20392	.26587	.85418	.19413	44.923	.20341
#2	35.530	.20625	.26790	.85534	.19508	44.925	.20438
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20310	.23305	.23003	38.728	20.295	26.872	.65073
SDev	.00029	.00109	.00031	.022	.001	.010	.00060
%RSD	.14112	.46619	.13412	.05698	.00650	.03644	.09303
#1	.20290	.23229	.23025	38.713	20.296	26.879	.65030
#2	.20330	.23382	.22981	38.744	20.294	26.865	.65116
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.651	.23129	.20547	.20683	.20638	.19629	.18841
SDev	.118	.00018	.00145	.00056	.00011	.00420	.00119
%RSD	.46090	.07671	.70494	.27273	.05140	2.1377	.63392
#1	25.735	.23141	.20445	.20723	.20631	.19332	.18925
#2	25.568	.23116	.20650	.20643	.20646	.19925	.18756
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20217	.19335	.55306	.20786	.24186	.23084	.19697
SDev	.00647	.00953	.00461	.00171	.00022	.00049	.00070
%RSD	3.1994	4.9282	.83380	.82160	.09185	.21034	.35376
#1	.20675	.18661	.55632	.20666	.24202	.23119	.19647
#2	.19760	.20008	.54980	.20907	.24171	.23050	.19746
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05048	.19492
SDev	.00010	.00374
%RSD	.20341	1.9192
#1	.05055	.19227
#2	.05041	.19756
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6001	--	--	--	--	--	--
SDev	8.803617	--	--	--	--	--	--
%RSD	.1466921	--	--	--	--	--	--
#1	5995	--	--	--	--	--	--
#2	6008	--	--	--	--	--	--

Analysis Report 06/23/06 04:40:02 PM page 1

Method: TRACE1 Sample Name: AD636740 Operator: SW
Run Time: 06/23/06 16:35:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.6806	-.00078	.03727	.13077	.00055	67.654	-.00007
SDev	.0008	.00150	.00030	.00013	.00004	.131	.00009
%RSD	.01736	192.40	.81125	.09803	7.3236	.19326	119.65
#1	4.6800	.00028	.03706	.13068	.00053	67.562	-.00013
#2	4.6811	-.00185	.03748	.13086	.00058	67.746	-.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00626	.00595	.00978	3.9449	15.398	18.772	2.1166
SDev	.00010	.00034	.00041	.0119	.029	.027	.0006
%RSD	1.5819	5.7766	4.2350	.30086	.18731	.14488	.02686
#1	.00619	.00570	.00949	3.9533	15.378	18.753	2.1170
#2	.00633	.00619	.01008	3.9365	15.419	18.791	2.1162
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8302	.00961	-.00370	.00337	.00101	.00117	-.00320
SDev	.0983	.00035	.00204	.00092	.00129	.00228	.00132
%RSD	5.3691	3.6827	55.071	27.367	127.65	194.13	41.281
#1	1.7607	.00986	-.00514	.00272	.00010	.00279	-.00413
#2	1.8997	.00936	-.00226	.00402	.00193	-.00044	-.00226
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00311	.00332	.15195	.00116	.00920	.01333	.00125
SDev	.00026	.00355	.00727	.00032	.00034	.00021	.00102
%RSD	8.3092	106.94	4.7831	27.773	3.7046	1.5895	81.940
#1	-.00330	.00583	.15709	.00139	.00896	.01348	.00053
#2	-.00293	.00081	.14681	.00094	.00944	.01318	.00197
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00146	.00275
SDev	.00039	.00197
%RSD	27.030	71.551
#1	.00118	.00136
#2	.00174	.00414
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5865	--	--	--	--	--	--
SDev	39.88110	--	--	--	--	--	--
%RSD	.6799324	--	--	--	--	--	--
#1	5894	--	--	--	--	--	--
#2	5837	--	--	--	--	--	--

Analysis Report 06/23/06 04:44:59 PM page 1

Method: TRACE1 Sample Name: AD636741 Operator: SW
Run Time: 06/23/06 16:40:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.1816	.00026	.03749	.13235	.00055	65.395	-.00005
SDev	.0049	.00183	.00003	.00014	.00001	.045	.00008
%RSD	.09515	713.43	.07372	.10187	2.3053	.06943	171.74
#1	5.1781	.00155	.03751	.13244	.00056	65.362	-.00011
#2	5.1851	-.00104	.03747	.13225	.00054	65.427	.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00616	.00681	.01056	4.4279	14.949	18.296	2.0542
SDev	.00067	.00030	.00025	.0012	.004	.002	.0001
%RSD	10.805	4.3715	2.3457	.02648	.02621	.01310	.00527
#1	.00569	.00660	.01039	4.4271	14.946	18.294	2.0541
#2	.00663	.00702	.01074	4.4288	14.952	18.298	2.0542
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9144	.00929	-.00309	.00284	.00087	.00057	-.00248
SDev	.0315	.00086	.00098	.00152	.00068	.00115	.00130
%RSD	1.6471	9.2950	31.874	53.409	78.929	200.89	52.576
#1	1.8921	.00868	-.00239	.00177	.00038	-.00024	-.00340
#2	1.9367	.00990	-.00379	.00392	.00135	.00139	-.00156
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00321	.00246	.16188	-.00304	.01036	.01566	-.00161
SDev	.00021	.00162	.00495	.00310	.00025	.00043	.00101
%RSD	6.5386	65.780	3.0595	101.96	2.4191	2.7611	62.785
#1	-.00336	.00132	.15838	-.00522	.01018	.01535	-.00090
#2	-.00306	.00361	.16538	-.00085	.01053	.01596	-.00233
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00118	.00390
SDev	.00038	.00031
%RSD	32.066	7.9809
#1	.00091	.00368
#2	.00145	.00412
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5851	--	--	--	--	--	--
SDev	9.758281	--	--	--	--	--	--
%RSD	.1667868	--	--	--	--	--	--
#1	5844	--	--	--	--	--	--
#2	5858	--	--	--	--	--	--

Analysis Report QC Standard 06/23/06 04:51:21 PM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 06/23/06 16:46:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.036	.49257	.47635	.48393	.48996	25.369	.50504
SDev	.131	.00239	.00078	.00063	.00079	.087	.00063
%RSD	.52371	.48631	.16457	.12957	.16048	.34410	.12500
#1	25.129	.49427	.47691	.48437	.48940	25.431	.50459
#2	24.943	.49088	.47580	.48348	.49051	25.307	.50548
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49154	.49582	.51126	25.102	25.692	24.815	.50060
SDev	.00010	.00107	.00193	.007	.121	.062	.00058
%RSD	.02063	.21559	.37695	.02735	.47091	.24908	.11509
#1	.49161	.49506	.51262	25.097	25.777	24.859	.50100
#2	.49147	.49657	.50989	25.107	25.606	24.772	.50019
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.648	.50143	.50184	.49002	.49396	.50055	.51566
SDev	.108	.00185	.00099	.00166	.00143	.00187	.00244
%RSD	.43939	.36916	.19710	.33776	.29018	.37468	.47387
#1	24.725	.50274	.50254	.49119	.49497	.49922	.51393
#2	24.572	.50012	.50114	.48885	.49295	.50188	.51738
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51446	.49360	.50954	.53660	.49887	.47964	.49256
SDev	.00034	.00298	.00230	.00434	.00107	.00036	.00148
%RSD	.06572	.60419	.45092	.80792	.21394	.07462	.30158
#1	.51470	.49149	.51116	.53966	.49962	.47939	.49361
#2	.51422	.49571	.50791	.53353	.49811	.47990	.49151
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.48812	.48781
SDev	.00290	.00437
%RSD	.59362	.89649
#1	.49017	.48472
#2	.48607	.49090
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5862	--	--	--	--	--	--
SDev	23.65286	--	--	--	--	--	--
%RSD	.4034792	--	--	--	--	--	--
#1	5846	--	--	--	--	--	--
#2	5879	--	--	--	--	--	--

Analysis Report Blank Sample 06/23/06 04:56:18 PM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 06/23/06 16:51:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07430	-.00088	.00107	.00010	.00040	.02418	.00006
SDev	.00014	.00062	.00057	.00002	.00001	.00021	.00006
%RSD	.19347	69.954	53.534	15.143	1.2867	.87134	107.91
#1	.07440	-.00045	.00147	.00011	.00040	.02433	.00010
#2	.07420	-.00132	.00066	.00009	.00039	.02403	.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00046	-.00049	-.00152	.00526	.00684	.02706	.00004
SDev	.00006	.00011	.00032	.00342	.00662	.00434	.00009
%RSD	13.358	22.326	20.775	64.895	96.764	16.040	237.42
#1	.00051	-.00056	-.00130	.00768	.00216	.02399	.00010
#2	.00042	-.00041	-.00175	.00285	.01152	.03013	-.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.04469	.00048	-.00463	.00014	-.00145	-.00161	-.00097
SDev	.00004	.00008	.00215	.00119	.00151	.00289	.00019
%RSD	.09771	17.156	46.360	868.66	104.05	179.38	19.798
#1	-.04466	.00042	-.00615	-.00071	-.00252	-.00365	-.00110
#2	-.04472	.00053	-.00311	.00098	-.00038	.00043	-.00083
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00327	-.00078	.00023	-.00110	.00038	-.00000	.00076
SDev	.00301	.00584	.00011	.00088	.00000	.00061	.00000
%RSD	92.257	746.28	45.761	79.733	.10601	12381.	.26925
#1	-.00114	-.00491	.00016	-.00172	.00038	-.00043	.00076
#2	-.00540	.00335	.00031	-.00048	.00038	.00042	.00076
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00159	.00101
SDev	.00016	.00013
%RSD	9.9656	13.238
#1	.00148	.00092
#2	.00170	.00111
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5892	--	--	--	--	--	--
SDev	4.242641	--	--	--	--	--	--
%RSD	.0720013	--	--	--	--	--	--
#1	5889	--	--	--	--	--	--
#2	5895	--	--	--	--	--	--

Analysis Report 06/23/06 05:01:14 PM page 1

Method: TRACE1 Sample Name: AD636742 Operator: SW
Run Time: 06/23/06 16:56:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.29648	.00002	.10766	.02213	.00078	323.89	.00013
SDev	.00519	.00037	.00023	.00000	.00000	.03	.00006
%RSD	1.7509	2091.9	.21363	.02032	.54014	.00993	43.753
#1	.30015	-.00025	.10749	.02213	.00078	323.87	.00009
#2	.29281	.00028	.10782	.02214	.00078	323.92	.00016
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00033	.00021	-.00066	.18519	13.230	162.66	.06806
SDev	.00044	.00007	.00000	.00315	.050	.02	.00003
%RSD	134.16	35.138	.03496	1.6999	.38083	.00945	.05212
#1	.00002	.00015	-.00066	.18296	13.265	162.67	.06804
#2	.00065	.00026	-.00066	.18741	13.194	162.65	.06809
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.0720	.00437	-.00130	-.00021	-.00057	.00246	-.00224
SDev	.0144	.00003	.00078	.00101	.00041	.00026	.00281
%RSD	.23700	.57091	60.575	471.58	71.589	10.686	125.72
#1	6.0618	.00438	-.00185	.00050	-.00028	.00227	-.00025
#2	6.0822	.00435	-.00074	-.00093	-.00086	.00265	-.00422
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00419	.00160	.00449	.00033	.00038	.00597	-.00412
SDev	.00279	.00179	.00040	.00016	.00028	.00001	.00078
%RSD	66.544	112.00	8.8271	47.937	71.648	.19417	19.037
#1	.00616	.00033	.00477	.00022	.00019	.00598	-.00468
#2	.00222	.00286	.00421	.00044	.00058	.00596	-.00357
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00134	.00076
SDev	.00027	.00157
%RSD	19.980	205.88
#1	.00115	-.00035
#2	.00153	.00187
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5744	--	--	--	--	--	--
SDev	10.18227	--	--	--	--	--	--
%RSD	.1772833	--	--	--	--	--	--
#1	5736	--	--	--	--	--	--
#2	5751	--	--	--	--	--	--

Analysis Report 06/23/06 05:06:11 PM page 1

Method: TRACE1 Sample Name: AD636743 Operator: SW
Run Time: 06/23/06 17:01:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44657	.00168	.15507	.07619	.00068	165.63	.00011
SDev	.00879	.00063	.00163	.00033	.00006	1.23	.00014
%RSD	1.9679	37.280	1.0500	.43701	8.9517	.74191	123.92
#1	.45279	.00212	.15622	.07643	.00073	166.50	.00021
#2	.44036	.00124	.15391	.07596	.00064	164.76	.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00004	.00231	-.00036	.36556	10.953	88.240	.08750
SDev	.00011	.00026	.00051	.00010	.093	.563	.00034
%RSD	265.59	11.099	142.10	.02659	.84898	.63778	.38493
#1	.00012	.00213	-.00073	.36549	11.019	88.638	.08774
#2	-.00004	.00249	.00000	.36563	10.887	87.842	.08726
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.9340	.00136	-.00217	.00058	-.00034	.01315	.00115
SDev	.0168	.00029	.00051	.00025	.00000	.00181	.00022
%RSD	.42789	21.538	23.475	43.194	.99673	13.777	19.107
#1	3.9459	.00115	-.00253	.00075	-.00034	.01443	.00100
#2	3.9221	.00157	-.00181	.00040	-.00033	.01186	.00131
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01334	.01305	.00993	-.00109	.00087	.00390	-.00207
SDev	.00210	.00377	.00075	.00063	.00013	.00019	.00000
%RSD	15.767	28.878	7.5066	57.983	15.028	4.8305	.02497
#1	.01185	.01571	.00940	-.00154	.00078	.00403	-.00207
#2	.01483	.01038	.01046	-.00064	.00096	.00377	-.00207
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00141	.00658
SDev	.00017	.00112
%RSD	12.426	16.947
#1	.00128	.00737
#2	.00153	.00579
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5726	--	--	--	--	--	--
SDev	40.41143	--	--	--	--	--	--
%RSD	.7057132	--	--	--	--	--	--
#1	5698	--	--	--	--	--	--
#2	5755	--	--	--	--	--	--

Analysis Report 06/23/06 05:11:08 PM page 1

Method: TRACE1 Sample Name: AD636744 Operator: SW
Run Time: 06/23/06 17:06:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10090	-.00045	.04028	.10298	.00052	76.525	-.00010
SDev	.00238	.00064	.00191	.00011	.00003	.230	.00001
%RSD	2.3561	141.88	4.7360	.10892	5.5543	.30011	6.5522
#1	.10258	-.00090	.04163	.10305	.00054	76.687	-.00010
#2	.09922	.00000	.03893	.10290	.00050	76.363	-.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00014	.00021	-.00021	.02422	4.7369	23.948	.00143
SDev	.00034	.00024	.00011	.00425	.0260	.080	.00010
%RSD	250.23	116.59	50.604	17.557	.54858	.33326	6.6068
#1	-.00038	.00038	-.00014	.02122	4.7553	24.005	.00150
#2	.00011	.00004	-.00029	.02723	4.7185	23.892	.00137
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.1909	.00035	-.00088	-.00127	-.00114	-.00070	-.00214
SDev	.0399	.00025	.00461	.00248	.00012	.00167	.00046
%RSD	.48674	70.825	522.19	195.97	10.416	238.78	21.535
#1	8.2191	.00017	.00238	-.00302	-.00122	.00048	-.00182
#2	8.1627	.00052	-.00414	.00049	-.00105	-.00188	-.00247
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00311	-.00260	.00086	-.00155	.00038	.00347	-.00030
SDev	.00498	.00001	.00013	.00036	.00000	.00061	.00205
%RSD	160.01	.27305	14.882	23.071	.27440	17.498	689.06
#1	.00664	-.00260	.00077	-.00130	.00038	.00304	-.00175
#2	-.00041	-.00261	.00095	-.00181	.00038	.00390	.00115
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00126	.00212
SDev	.00081	.00105
%RSD	64.295	49.507
#1	.00069	.00286
#2	.00183	.00138
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5842	--	--	--	--	--	--
SDev	8.803617	--	--	--	--	--	--
%RSD	.1506843	--	--	--	--	--	--
#1	5836	--	--	--	--	--	--
#2	5849	--	--	--	--	--	--

Analysis Report 06/23/06 05:16:05 PM page 1

Method: TRACE1 Sample Name: AD636745 Operator: SW
Run Time: 06/23/06 17:11:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	46.913	.01714	.08825	.57991	.00286	126.05	.00002
SDev	.057	.00170	.00010	.00074	.00003	.02	.00003
%RSD	.12121	9.8961	.10961	.12715	1.1850	.01223	111.32
#1	46.954	.01834	.08832	.58043	.00288	126.04	.00004
#2	46.873	.01594	.08818	.57939	.00284	126.06	.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03753	.06117	.07576	62.914	18.072	63.155	1.4011
SDev	.00032	.00040	.00037	.019	.040	.011	.0001
%RSD	.86708	.64615	.48943	.02994	.22273	.01700	.00462
#1	.03730	.06145	.07602	62.901	18.100	63.162	1.4010
#2	.03776	.06089	.07550	62.928	18.043	63.147	1.4011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.1542	.07148	.03963	.04793	.04517	.00421	-.00172
SDev	.0938	.00042	.00091	.00159	.00136	.00142	.00059
%RSD	1.8196	.58529	2.3059	3.3104	3.0169	33.772	34.412
#1	5.0878	.07178	.04028	.04905	.04613	.00321	-.00130
#2	5.2205	.07118	.03899	.04681	.04420	.00522	-.00213
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00014	.00625	.37497	-.00326	.08171	.13751	-.00168
SDev	.00017	.00205	.00336	.00356	.00005	.00040	.00177
%RSD	126.99	32.745	.89655	109.26	.06111	.29449	105.54
#1	.00001	.00480	.37259	-.00577	.08168	.13722	-.00294
#2	.00026	.00770	.37734	-.00074	.08175	.13779	-.00043
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00147	.00754
SDev	.00005	.00030
%RSD	3.0533	3.9094
#1	.00150	.00733
#2	.00144	.00775
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5955	--	--	--	--	--	--
SDev	15.27358	--	--	--	--	--	--
%RSD	.2564897	--	--	--	--	--	--
#1	5944	--	--	--	--	--	--
#2	5966	--	--	--	--	--	--

Analysis Report 06/23/06 05:21:02 PM page 1

Method: TRACE1 Sample Name: AD636746 Operator: SW
Run Time: 06/23/06 17:16:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0061	.00082	.02480	.02357	.00049	28.089	-.00010
SDev	.0020	.00183	.00038	.00001	.00002	.056	.00005
%RSD	.20205	222.85	1.5410	.04408	4.1522	.20071	52.181
#1	1.0075	.00212	.02453	.02356	.00048	28.049	-.00014
#2	1.0046	-.00047	.02508	.02358	.00051	28.129	-.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00099	.00467	.00454	.95592	1.2204	8.5771	.37000
SDev	.00026	.00021	.00004	.00407	.0026	.0205	.00042
%RSD	26.312	4.4446	.96958	.42621	.21448	.23846	.11369
#1	.00080	.00481	.00457	.95304	1.2223	8.5626	.36971
#2	.00117	.00452	.00451	.95880	1.2186	8.5915	.37030
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5110	.00276	-.00069	.00252	.00145	-.00016	-.00303
SDev	.1038	.00006	.00150	.00313	.00159	.00175	.00130
%RSD	4.1351	2.2625	216.29	124.23	109.52	1125.9	42.789
#1	2.4376	.00271	.00037	.00031	.00033	.00108	-.00395
#2	2.5844	.00280	-.00176	.00473	.00257	-.00139	-.00212
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00053	.00003	.01681	-.00202	.00195	.01199	.00080
SDev	.00505	.00009	.00067	.00095	.00014	.00032	.00051
%RSD	946.43	272.83	4.0067	47.027	7.0194	2.6914	64.234
#1	.00304	.00010	.01634	-.00135	.00185	.01176	.00044
#2	-.00411	-.00003	.01729	-.00269	.00205	.01221	.00116
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00154	-.00043
SDev	.00026	.00170
%RSD	16.969	398.70
#1	.00136	.00078
#2	.00173	-.00163
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5932	--	--	--	--	--	--
SDev	9.651938	--	--	--	--	--	--
%RSD	.1627063	--	--	--	--	--	--
#1	5939	--	--	--	--	--	--
#2	5925	--	--	--	--	--	--

Analysis Report 06/23/06 05:25:58 PM page 1

Method: TRACE1 Sample Name: AD636747 Operator: SW
Run Time: 06/23/06 17:21:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2642	-.00060	.05215	.05932	.00045	31.822	-.00009
SDev	.0011	.00136	.00072	.00010	.00002	.001	.00004
%RSD	.08583	224.90	1.3768	.17140	4.6374	.00236	46.074
#1	1.2634	.00036	.05266	.05939	.00047	31.822	-.00006
#2	1.2650	-.00157	.05165	.05925	.00044	31.823	-.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00065	.00142	-.00003	.92633	6.8806	9.4722	.04794
SDev	.00018	.00004	.00042	.01379	.0110	.0040	.00002
%RSD	27.635	2.8667	1583.8	1.4885	.15924	.04222	.04363
#1	.00078	.00145	-.00032	.91658	6.8883	9.4750	.04795
#2	.00053	.00139	.00027	.93608	6.8728	9.4694	.04792
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.7523	.00091	-.00318	.00067	-.00061	.00121	-.00222
SDev	.0123	.00012	.00110	.00015	.00046	.00376	.00149
%RSD	.32776	13.123	34.514	21.655	75.233	311.74	67.143
#1	3.7436	.00100	-.00241	.00077	-.00029	.00387	-.00327
#2	3.7610	.00083	-.00396	.00057	-.00094	-.00145	-.00116
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00081	.00221	.02612	-.00059	.00271	.00357	.00137
SDev	.00441	.00344	.00199	.00086	.00013	.00016	.00027
%RSD	545.96	155.35	7.6296	145.62	4.8010	4.4318	19.328
#1	.00231	.00465	.02753	.00002	.00262	.00368	.00156
#2	-.00392	-.00022	.02471	-.00120	.00281	.00346	.00119
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00158	.00725
SDev	.00022	.00147
%RSD	14.172	20.269
#1	.00174	.00621
#2	.00142	.00829
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5910	--	--	--	--	--	--
SDev	10.07627	--	--	--	--	--	--
%RSD	.1704974	--	--	--	--	--	--
#1	5903	--	--	--	--	--	--
#2	5917	--	--	--	--	--	--

Analysis Report 06/23/06 05:30:55 PM page 1

Method: TRACE1 Sample Name: AD636748 Operator: SW
Run Time: 06/23/06 17:26:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45750	-.00075	.01378	.01135	.00046	38.560	-.00008
SDev	.00272	.00009	.00022	.00001	.00004	.127	.00018
%RSD	.59448	12.572	1.6019	.09995	9.2167	.32816	223.87
#1	.45558	-.00068	.01363	.01135	.00043	38.471	.00005
#2	.45943	-.00082	.01394	.01136	.00049	38.650	-.00021
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	.00019	-.00102	.45520	.73036	11.907	.00834
SDev	.00036	.00053	.00000	.00955	.01688	.014	.00004
%RSD	555.86	282.78	.03958	2.0985	2.3113	.11820	.49881
#1	.00032	-.00019	-.00102	.44845	.71842	11.897	.00837
#2	-.00019	.00056	-.00102	.46196	.74229	11.917	.00831
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1041	.00042	-.00055	-.00158	-.00123	.00313	-.00320
SDev	.0057	.00068	.00238	.00126	.00005	.00169	.00085
%RSD	.51475	161.37	433.83	80.199	3.9859	54.066	26.424
#1	1.1081	-.00006	.00114	-.00247	-.00127	.00433	-.00260
#2	1.1001	.00090	-.00224	-.00068	-.00120	.00194	-.00380
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00450	.00245	.00941	-.00291	.00074	.00376	-.00101
SDev	.00038	.00235	.00000	.00093	.00027	.00014	.00254
%RSD	8.5291	95.942	.00109	31.930	36.587	3.7595	252.48
#1	.00478	.00411	.00941	-.00357	.00055	.00386	-.00280
#2	.00423	.00079	.00941	-.00225	.00093	.00366	.00079
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00148	.00105
SDev	.00012	.00009
%RSD	8.4068	8.2843
#1	.00139	.00111
#2	.00157	.00099
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5908	--	--	--	--	--	--
SDev	13.04591	--	--	--	--	--	--
%RSD	.2208355	--	--	--	--	--	--
#1	5917	--	--	--	--	--	--
#2	5898	--	--	--	--	--	--

Analysis Report 06/23/06 05:35:51 PM page 1

Method: TRACE1 Sample Name: AD636749 Operator: SW
Run Time: 06/23/06 17:30:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.921	.01478	.05769	.14703	.00124	64.290	-.00000
SDev	.122	.00092	.00081	.00070	.00004	.075	.00009
%RSD	.58451	6.1878	1.4061	.47631	3.0948	.11671	4378.9
#1	21.008	.01414	.05826	.14753	.00127	64.344	.00006
#2	20.835	.01543	.05711	.14654	.00122	64.237	-.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00921	.02265	.02681	23.180	6.1556	20.054	.44028
SDev	.00004	.00023	.00011	.013	.0390	.029	.00043
%RSD	.41898	1.0051	.42528	.05768	.63432	.14665	.09762
#1	.00918	.02249	.02673	23.190	6.1833	20.075	.44059
#2	.00924	.02281	.02689	23.171	6.1280	20.033	.43998
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	28.160	.02079	.00604	.01196	.00999	-.00014	-.00452
SDev	.107	.00077	.00334	.00144	.00015	.00467	.00012
%RSD	.37840	3.7211	55.263	12.045	1.5158	3284.3	2.7388
#1	28.235	.02134	.00368	.01297	.00988	.00316	-.00461
#2	28.084	.02024	.00840	.01094	.01009	-.00344	-.00443
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00057	.00007	.56145	-.00169	.03270	.05718	-.00084
SDev	.00645	.00378	.00103	.00227	.00036	.00015	.00025
%RSD	1122.8	5096.6	.18368	134.40	1.0897	.26286	29.933
#1	.00399	.00275	.56218	-.00008	.03295	.05729	-.00101
#2	-.00514	-.00260	.56072	-.00329	.03244	.05708	-.00066
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00164	.00299
SDev	.00001	.00140
%RSD	.76363	46.767
#1	.00163	.00398
#2	.00165	.00200
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5922	--	--	--	--	--	--
SDev	15.59157	--	--	--	--	--	--
%RSD	.2632788	--	--	--	--	--	--
#1	5911	--	--	--	--	--	--
#2	5933	--	--	--	--	--	--

Analysis Report 06/23/06 05:40:47 PM page 1

Method: TRACE1 Sample Name: AD636750 Operator: SW
Run Time: 06/23/06 17:35:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10539	.00439	.01475	.01122	.00066	68.578	-.00071
SDev	.00139	.00007	.00080	.00003	.00002	.052	.00003
%RSD	1.3202	1.5151	5.4482	.30071	3.1253	.07538	4.1210
#1	.10638	.00444	.01532	.01124	.00068	68.614	-.00073
#2	.10441	.00434	.01418	.01120	.00065	68.541	-.00069
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01028	-.00138	-.00162	104.83	.41757	19.544	2.0557
SDev	.00067	.00016	.00005	.07	.02660	.007	.0013
%RSD	6.5141	11.896	3.3227	.06785	6.3700	.03764	.06128
#1	.01076	-.00150	-.00158	104.88	.43638	19.539	2.0566
#2	.00981	-.00127	-.00166	104.78	.39876	19.549	2.0548
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.079	.00145	-.00398	.00117	-.00054	.00052	-.00606
SDev	.007	.00024	.00390	.00134	.00041	.00193	.00039
%RSD	.06458	16.691	98.031	113.96	75.073	373.65	6.4494
#1	10.075	.00128	-.00674	.00212	-.00083	.00188	-.00634
#2	10.084	.00163	-.00122	.00023	-.00025	-.00085	-.00579
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00510	.00332	.00179	-.00514	.00103	.00171	-.00016
SDev	.00081	.00330	.00019	.00099	.00054	.00000	.00128
%RSD	15.950	99.186	10.371	19.178	52.584	.12147	806.45
#1	-.00568	.00566	.00192	-.00444	.00141	.00171	.00075
#2	-.00453	.00099	.00166	-.00584	.00065	.00171	-.00106
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00139	.00081
SDev	.00013	.00077
%RSD	9.6008	95.437
#1	.00149	.00135
#2	.00130	.00026
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5872	--	--	--	--	--	--
SDev	2.545654	--	--	--	--	--	--
%RSD	.0433554	--	--	--	--	--	--
#1	5870	--	--	--	--	--	--
#2	5873	--	--	--	--	--	--

Analysis Report 06/23/06 05:45:44 PM page 1

Method: TRACE1 Sample Name: AD636751 Operator: SW
Run Time: 06/23/06 17:40:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3763	.02349	.03097	.09343	.00072	58.749	-.00031
SDev	.0086	.00033	.00111	.00009	.00001	.054	.00036
%RSD	.62343	1.4231	3.5784	.09297	1.0959	.09142	115.98
#1	1.3823	.02325	.03175	.09350	.00071	58.787	-.00006
#2	1.3702	.02373	.03019	.09337	.00072	58.711	-.00057
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00554	.00044	.00148	111.27	2.2624	10.610	1.7332
SDev	.00041	.00095	.00034	.03	.0172	.014	.0011
%RSD	7.4393	217.40	22.908	.02973	.75824	.13103	.06251
#1	.00525	.00111	.00172	111.24	2.2745	10.619	1.7324
#2	.00583	-.00023	.00124	111.29	2.2502	10.600	1.7339
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.4133	.00314	.00125	.00032	.00063	-.00218	-.00066
SDev	.1234	.00018	.00192	.00029	.00045	.00084	.00189
%RSD	2.2800	5.8398	153.25	89.272	70.653	38.304	287.63
#1	5.5006	.00327	.00261	.00012	.00095	-.00277	.00068
#2	5.3260	.00301	-.00010	.00053	.00032	-.00159	-.00199
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00360	-.00147	.05052	-.00245	.00399	.00628	.00022
SDev	.00389	.00069	.00070	.00166	.00015	.00030	.00203
%RSD	107.93	46.925	1.3904	67.836	3.6244	4.8166	927.44
#1	-.00635	-.00098	.05102	-.00362	.00410	.00607	-.00122
#2	-.00085	-.00196	.05002	-.00127	.00389	.00649	.00166
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00169	.00234
SDev	.00011	.00009
%RSD	6.4906	3.8113
#1	.00177	.00228
#2	.00161	.00241
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5884	--	--	--	--	--	--
SDev	8.167291	--	--	--	--	--	--
%RSD	.1388163	--	--	--	--	--	--
#1	5878	--	--	--	--	--	--
#2	5889	--	--	--	--	--	--

Analysis Report QC Standard 06/23/06 05:52:05 PM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 06/23/06 17:47:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.902	.48808	.47259	.47964	.48484	25.148	.50452
SDev	.066	.00112	.00139	.00087	.00061	.057	.00189
%RSD	.26571	.22921	.29350	.18128	.12653	.22750	.37502
#1	24.856	.48729	.47357	.47902	.48441	25.107	.50318
#2	24.949	.48888	.47161	.48025	.48528	25.188	.50585
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48853	.49163	.50823	24.967	25.645	24.538	.49603
SDev	.00147	.00030	.00036	.061	.063	.065	.00096
%RSD	.30103	.06020	.07101	.24270	.24614	.26375	.19428
#1	.48749	.49142	.50798	24.924	25.600	24.492	.49535
#2	.48957	.49184	.50849	25.010	25.689	24.584	.49671
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.449	.49684	.49524	.48558	.48879	.49811	.51382
SDev	.100	.00041	.00196	.00100	.00132	.00008	.00390
%RSD	.40959	.08192	.39566	.20581	.26986	.01546	.75971
#1	24.378	.49656	.49663	.48628	.48973	.49816	.51106
#2	24.520	.49713	.49385	.48487	.48786	.49805	.51658
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50696	.49369	.50578	.53206	.49427	.47479	.48895
SDev	.00030	.00026	.00186	.00601	.00108	.00063	.00114
%RSD	.05814	.05325	.36781	1.1295	.21750	.13262	.23401
#1	.50675	.49387	.50446	.52781	.49351	.47434	.48814
#2	.50717	.49350	.50709	.53631	.49503	.47523	.48976
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.48418	.48284
SDev	.00113	.00000
%RSD	.23309	.00064
#1	.48339	.48284
#2	.48498	.48283
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5855	--	--	--	--	--	--
SDev	1.696987	--	--	--	--	--	--
%RSD	.0289816	--	--	--	--	--	--
#1	5854	--	--	--	--	--	--
#2	5857	--	--	--	--	--	--

Analysis Report Blank Sample 06/23/06 05:57:02 PM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 06/23/06 17:52:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08162	-.00020	.00110	.00016	.00056	.02666	.00014
SDev	.00019	.00296	.00016	.00005	.00001	.00045	.00017
%RSD	.23005	1474.9	14.406	27.990	2.2753	1.6786	119.16
#1	.08149	-.00229	.00121	.00013	.00055	.02698	.00002
#2	.08175	.00189	.00099	.00019	.00057	.02635	.00027
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00017	-.00044	-.00158	.01683	-.00122	.02704	.00006
SDev	.00019	.00031	.00019	.00081	.01854	.00421	.00006
%RSD	107.57	70.332	11.911	4.7912	1518.9	15.551	100.26
#1	.00031	-.00067	-.00145	.01740	-.01433	.02407	.00002
#2	.00004	-.00022	-.00172	.01626	.01189	.03002	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.11071	.00027	-.00614	.00101	-.00137	.00155	.00076
SDev	.11142	.00040	.00131	.00183	.00078	.00025	.00002
%RSD	100.63	148.95	21.377	181.52	56.910	16.217	1.9393
#1	-.18950	-.00001	-.00707	.00230	-.00082	.00137	.00075
#2	-.03193	.00055	-.00521	-.00029	-.00193	.00173	.00077
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	.00233	.00028	-.00140	.00019	.00021	.00005
SDev	.00268	.00172	.00008	.00258	.00027	.00000	.00204
%RSD	47933.	73.612	28.241	184.28	144.57	1.2079	3955.0
#1	.00189	.00112	.00034	-.00323	-.00000	.00021	.00149
#2	-.00190	.00355	.00022	.00042	.00038	.00022	-.00139
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00176	.00207
SDev	.00038	.00054
%RSD	21.279	25.830
#1	.00150	.00245
#2	.00203	.00170
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5867	--	--	--	--	--	--
SDev	17.81923	--	--	--	--	--	--
%RSD	.3037144	--	--	--	--	--	--
#1	5880	--	--	--	--	--	--
#2	5854	--	--	--	--	--	--

Analysis Report 06/23/06 06:01:59 PM page 1

Method: TRACE1 Sample Name: AD636752 Operator: SW
Run Time: 06/23/06 17:57:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15611	-.00242	.01985	.09893	.00059	89.104	.00003
SDev	.00241	.00022	.00149	.00001	.00001	.090	.00007
%RSD	1.5464	8.9751	7.5100	.00662	2.2605	.10113	274.36
#1	.15440	-.00227	.01880	.09893	.00058	89.040	.00008
#2	.15782	-.00257	.02091	.09894	.00060	89.168	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00458	-.00043	-.00102	24.014	.84059	17.880	2.9588
SDev	.00010	.00002	.00034	.030	.01295	.007	.0017
%RSD	2.2512	4.7922	33.788	.12425	1.5410	.03786	.05697
#1	.00465	-.00045	-.00126	24.035	.83143	17.875	2.9600
#2	.00450	-.00042	-.00077	23.993	.84975	17.885	2.9576
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.851	.00186	-.00434	.00039	-.00118	-.00080	-.00325
SDev	.027	.00031	.00062	.00056	.00058	.00070	.00383
%RSD	.12796	16.504	14.170	142.38	48.916	87.573	117.61
#1	20.832	.00164	-.00391	.00079	-.00077	-.00130	-.00596
#2	20.870	.00207	-.00478	-.00000	-.00159	-.00031	-.00055
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00143	-.00049	.00322	-.00116	.00070	.00556	.00032
SDev	.00095	.00153	.00020	.00087	.00013	.00001	.00206
%RSD	65.943	313.14	6.2682	74.484	19.067	.14934	637.43
#1	-.00077	-.00157	.00308	-.00055	.00079	.00555	.00178
#2	-.00210	.00059	.00336	-.00178	.00061	.00557	-.00113
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00122	.00030
SDev	.00019	.00110
%RSD	15.276	365.94
#1	.00109	.00107
#2	.00135	-.00048
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5817	--	--	--	--	--	--
SDev	10.60660	--	--	--	--	--	--
%RSD	.1823333	--	--	--	--	--	--
#1	5825	--	--	--	--	--	--
#2	5810	--	--	--	--	--	--

Analysis Report 06/23/06 06:06:55 PM page 1

Method: TRACE1 Sample Name: AD636753 Operator: SW
Run Time: 06/23/06 18:02:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17058	-.00059	.01094	.08502	.00049	60.329	-.00000
SDev	.00077	.00109	.00011	.00049	.00005	.332	.00002
%RSD	.45291	183.66	.98165	.57562	10.671	.54954	1065.8
#1	.17112	-.00137	.01101	.08536	.00053	60.564	.00001
#2	.17003	.00018	.01086	.08467	.00045	60.095	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00075	-.00049	-.00125	8.7857	.93531	13.943	.66540
SDev	.00023	.00011	.00070	.0819	.02529	.077	.00442
%RSD	31.332	21.761	55.961	.93234	2.7039	.55135	.66374
#1	.00058	-.00056	-.00174	8.8436	.91743	13.997	.66852
#2	.00092	-.00041	-.00075	8.7277	.95319	13.888	.66228
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	57.304	.00125	-.00509	.00155	-.00066	.00304	-.00209
SDev	.115	.00018	.00065	.00095	.00085	.00046	.00130
%RSD	.20002	14.477	12.872	61.447	129.30	15.247	61.906
#1	57.385	.00138	-.00555	.00088	-.00126	.00337	-.00301
#2	57.222	.00112	-.00462	.00222	-.00006	.00271	-.00118
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00132	.00390	.00324	-.00203	.00066	.00406	.00054
SDev	.00085	.00112	.00009	.00305	.00014	.00034	.00208
%RSD	64.564	28.721	2.9098	150.46	21.275	8.3077	386.61
#1	.00072	.00469	.00331	-.00418	.00076	.00429	.00201
#2	.00192	.00311	.00317	.00013	.00056	.00382	-.00093
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00143	.00080
SDev	.00009	.00008
%RSD	6.1099	10.544
#1	.00149	.00074
#2	.00137	.00086
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5829	--	--	--	--	--	--
SDev	35.42612	--	--	--	--	--	--
%RSD	.6077251	--	--	--	--	--	--
#1	5804	--	--	--	--	--	--
#2	5854	--	--	--	--	--	--

Analysis Report 06/23/06 06:11:52 PM page 1

Method: TRACE1 Sample Name: AD636834/PB Operator: SW
Run Time: 06/23/06 18:06:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05193	-.00081	.00113	.00006	.00036	.02544	.00010
SDev	.00286	.00050	.00120	.00001	.00002	.00059	.00010
%RSD	5.5176	61.491	106.40	22.726	6.8611	2.3063	94.666
#1	.04990	-.00046	.00198	.00005	.00037	.02502	.00003
#2	.05396	-.00116	.00028	.00007	.00034	.02585	.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00031	.00014	-.00125	.02540	.00328	.00199	.00021
SDev	.00006	.00003	.00018	.00265	.01526	.00130	.00003
%RSD	18.717	23.348	14.761	10.425	465.15	65.447	15.147
#1	-.00027	.00011	-.00112	.02727	.01407	.00107	.00024
#2	-.00035	.00016	-.00138	.02352	-.00751	.00291	.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00699	-.00016	-.00102	.00054	.00002	.00247	-.00039
SDev	.13237	.00025	.00136	.00080	.00008	.00336	.00100
%RSD	1894.3	152.03	133.18	148.96	424.97	136.04	252.91
#1	-.10059	-.00034	-.00006	-.00003	-.00004	.00485	.00031
#2	.08661	.00001	-.00198	.00111	.00008	.00009	-.00110
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00223	.00482	.00041	.00237	.00038	.00281	.00060
SDev	.00646	.00181	.00020	.00237	.00000	.00032	.00076
%RSD	290.17	37.601	49.561	100.05	.47694	11.310	126.40
#1	.00234	.00610	.00056	.00405	.00038	.00303	.00006
#2	-.00680	.00354	.00027	.00069	.00038	.00258	.00113
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00135	.00016
SDev	.00026	.00127
%RSD	18.945	803.22
#1	.00153	.00106
#2	.00117	-.00074
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5863	--	--	--	--	--	--
SDev	20.36488	--	--	--	--	--	--
%RSD	.3473517	--	--	--	--	--	--
#1	5848	--	--	--	--	--	--
#2	5877	--	--	--	--	--	--

Analysis Report 06/23/06 06:16:49 PM page 1

Method: TRACE1 Sample Name: AD636833/CLPSL Operator: SW
Run Time: 06/23/06 18:11:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	58.724	2.5168	.79859	1.8701	.46953	33.198	.90696
SDev	.027	.0037	.00061	.0025	.00024	.014	.00115
%RSD	.04618	.14842	.07589	.13171	.05196	.04223	.12643
#1	58.743	2.5195	.79816	1.8718	.46970	33.188	.90777
#2	58.705	2.5142	.79902	1.8684	.46936	33.208	.90615
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	111.00	3.4400	1.2400	2.4700	.63600	43.900	1.1900
Low	46.300	2.3400	.58800	1.7400	.45200	29.700	.82900

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.90007	1.9373	.78983	88.849	26.564	18.785	3.6016
SDev	.00027	.0004	.00013	.020	.025	.001	.0012
%RSD	.03044	.02092	.01699	.02299	.09571	.00605	.03213
#1	.89988	1.9376	.78993	88.835	26.582	18.785	3.6024
#2	.90027	1.9370	.78974	88.864	26.546	18.784	3.6008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1.1900	2.6800	1.0300	249.00	38.000	27.500	4.9700
Low	.82700	1.8000	.73300	66.100	22.000	17.600	3.4300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.5664	1.0604	1.4289	1.3878	1.4015	1.1830	.47505
SDev	.0375	.0007	.0010	.0026	.0021	.0013	.00134
%RSD	.39232	.06486	.07156	.18986	.14969	.10755	.28236
#1	9.5399	1.0609	1.4282	1.3859	1.4000	1.1839	.47410
#2	9.5930	1.0599	1.4296	1.3896	1.4030	1.1821	.47600
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	14.700	1.4100			1.8700	1.5900	1.4900
Low	6.9200	.99100			1.2900	1.0100	.00690

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2111	1.1690	2.7193	.93386	.88297	2.2696	1.3116
SDev	.0039	.0001	.0021	.00546	.00056	.0038	.0022
%RSD	.32575	.00548	.07882	.58511	.06309	.16731	.16766
#1	1.2139	1.1690	2.7178	.92999	.88336	2.2670	1.3132
#2	1.2083	1.1691	2.7208	.93772	.88257	2.2723	1.3101
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			4.5300	1.1500	1.3700	3.2900	1.9400
Low			1.1600	.72800	.85100	2.1500	1.0400

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.93189	.60320
SDev	.00038	.00338
%RSD	.04051	.56075
#1	.93216	.60081
#2	.93163	.60560
Errors	LC Pass	LC Pass
High	1.3900	.83700
Low	.68900	.55500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6396	--	--	--	--	--	--
SDev	16.54623	--	--	--	--	--	--
%RSD	.2586783	--	--	--	--	--	--
#1	6385	--	--	--	--	--	--
#2	6408	--	--	--	--	--	--

Analysis Report 06/23/06 06:21:46 PM page 1

Method: TRACE1 Sample Name: AD636822 Operator: SW
Run Time: 06/23/06 18:16:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	90.892	.05210	.02840	1.0602	.00514	92.795	.00182
SDev	.161	.00228	.00016	.0018	.00000	.345	.00007
%RSD	.17744	4.3842	.57455	.16593	.00527	.37201	4.1085
#1	90.778	.05049	.02828	1.0615	.00514	92.551	.00187
#2	91.006	.05372	.02851	1.0590	.00514	93.039	.00176
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04312	.26387	.16569	108.62	16.008	25.627	1.9733
SDev	.00014	.00032	.00065	.06	.010	.057	.0016
%RSD	.33047	.12168	.39145	.05130	.06501	.22286	.08252
#1	.04302	.26410	.16615	108.58	16.015	25.586	1.9721
#2	.04322	.26364	.16523	108.66	16.000	25.667	1.9744
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2352	.10435	2.0736	2.0106	2.0316	.00041	.00205
SDev	.0107	.00035	.0029	.0087	.0068	.00032	.00112
%RSD	.86711	.33617	.14036	.43389	.33412	76.195	54.416
#1	1.2276	.10460	2.0715	2.0045	2.0268	.00019	.00285
#2	1.2428	.10410	2.0756	2.0168	2.0364	.00064	.00126
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00540	.00332	1.7904	-.00142	.19512	.45987	.00691
SDev	.00203	.00149	.0028	.00461	.00064	.00217	.00218
%RSD	37.672	44.886	.15563	324.59	.32932	.47277	31.544
#1	-.00396	.00227	1.7884	-.00468	.19466	.45833	.00537
#2	-.00683	.00437	1.7924	.00184	.19557	.46141	.00845
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00135	.00808
SDev	.00000	.00146
%RSD	.23324	18.047
#1	.00135	.00911
#2	.00135	.00705
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6208	--	--	--	--	--	--
SDev	3.818308	--	--	--	--	--	--
%RSD	.0615102	--	--	--	--	--	--
#1	6205	--	--	--	--	--	--
#2	6210	--	--	--	--	--	--

Analysis Report 06/23/06 06:26:43 PM page 1

Method: TRACE1 Sample Name: AD636822/L (1:5) Operator: SW
Run Time: 06/23/06 18:21:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.669	.01181	.00687	.23147	.00137	20.492	.00018
SDev	1.320	.00207	.00071	.01505	.00009	1.281	.00010
%RSD	6.7113	17.530	10.265	6.5017	6.4845	6.2499	53.906
#1	20.603	.01327	.00637	.24211	.00143	21.397	.00011
#2	18.736	.01034	.00737	.22083	.00131	19.586	.00025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00970	.05805	.03399	23.962	3.4550	5.6827	.43281
SDev	.00045	.00357	.00198	1.560	.2083	.3530	.02772
%RSD	4.6092	6.1531	5.8376	6.5106	6.0275	6.2123	6.4056
#1	.01002	.06058	.03539	25.066	3.6023	5.9324	.45242
#2	.00938	.05553	.03258	22.859	3.3078	5.4331	.41321
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19257	.02259	.45226	.45477	.45394	.00146	-.00201
SDev	.02516	.00164	.02219	.02505	.02410	.00068	.00122
%RSD	13.067	7.2669	4.9065	5.5089	5.3091	46.338	60.776
#1	.17478	.02375	.46795	.47249	.47098	.00193	-.00287
#2	.21037	.02143	.43657	.43706	.43690	.00098	-.00115
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00027	.00232	.39099	-.00591	.04258	.10297	.00257
SDev	.00224	.00011	.02334	.00065	.00236	.00609	.00083
%RSD	843.76	4.7241	5.9705	11.021	5.5343	5.9127	32.347
#1	.00132	.00224	.40749	-.00545	.04425	.10728	.00316
#2	-.00185	.00240	.37448	-.00637	.04091	.09867	.00198
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00087	.00089
SDev	.00010	.00113
%RSD	11.355	126.76
#1	.00080	.00169
#2	.00094	.00009
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6009	--	--	--	--	--	--
SDev	3.712311	--	--	--	--	--	--
%RSD	.0617799	--	--	--	--	--	--
#1	6006	--	--	--	--	--	--
#2	6012	--	--	--	--	--	--

Analysis Report 06/23/06 06:31:40 PM page 1

Method: TRACE1 Sample Name: AD636822/PS Operator: SW
Run Time: 06/23/06 18:26:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	98.235	.23683	.20598	1.2330	.18487	100.09	.19144
SDev	.312	.00094	.00071	.0054	.00153	1.06	.00109
%RSD	.31796	.39816	.34590	.43967	.82816	1.0557	.57026
#1	98.014	.23616	.20548	1.2368	.18595	99.340	.19067
#2	98.456	.23750	.20648	1.2291	.18378	100.83	.19222
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22351	.44307	.35644	115.28	26.024	34.032	2.0934
SDev	.00004	.00092	.00262	.07	.632	.013	.0086
%RSD	.01666	.20784	.73488	.05880	2.4269	.03835	.40877
#1	.22353	.44372	.35830	115.33	25.577	34.023	2.0994
#2	.22348	.44242	.35459	115.23	26.471	34.041	2.0873
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.610	.28614	2.2287	2.1643	2.1857	.17964	.19792
SDev	.050	.00133	.0006	.0078	.0050	.00370	.00351
%RSD	.47082	.46308	.02641	.36257	.23049	2.0626	1.7734
#1	10.574	.28521	2.2283	2.1698	2.1893	.18226	.19544
#2	10.645	.28708	2.2291	2.1587	2.1822	.17702	.20040
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17731	.18080	1.9504	.19655	.37596	.61241	.18613
SDev	.00615	.00864	.0181	.00518	.00112	.00691	.00240
%RSD	3.4712	4.7759	.92677	2.6350	.29834	1.1276	1.2917
#1	.17295	.18691	1.9377	.19288	.37675	.61730	.18783
#2	.18166	.17470	1.9632	.20021	.37517	.60753	.18443
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.04844	.18597
SDev	.00083	.00314
%RSD	1.7182	1.6894
#1	.04786	.18819
#2	.04903	.18374
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6159	--	--	--	--	--	--
SDev	40.51708	--	--	--	--	--	--
%RSD	.6578836	--	--	--	--	--	--
#1	6187	--	--	--	--	--	--
#2	6130	--	--	--	--	--	--

Analysis Report 06/23/06 06:36:37 PM page 1

Method: TRACE1 Sample Name: AD636823/MS Operator: SW
Run Time: 06/23/06 18:31:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	108.05	.40091	.34161	1.5488	.34986	86.202	.37782
SDev	.08	.00605	.00193	.0003	.00002	.007	.00039
%RSD	.07063	1.5102	.56524	.02159	.00688	.00810	.10306
#1	108.10	.40520	.34298	1.5490	.34984	86.207	.37754
#2	107.99	.39663	.34025	1.5485	.34987	86.197	.37809
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.39506	.65962	.55755	125.43	35.558	43.729	1.6426
SDev	.00028	.00039	.00064	.06	.027	.022	.0001
%RSD	.07153	.05846	.11396	.04582	.07581	.05145	.00630
#1	.39526	.65935	.55800	125.39	35.539	43.744	1.6426
#2	.39486	.65989	.55710	125.47	35.577	43.713	1.6425
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.333	.47519	1.6772	1.6289	1.6450	.34754	.12141
SDev	.244	.00000	.0059	.0063	.0023	.00008	.00371
%RSD	1.2602	.00007	.34914	.38781	.13759	.02310	3.0565
#1	19.505	.47519	1.6814	1.6244	1.6434	.34748	.12403
#2	19.161	.47519	1.6731	1.6334	1.6466	.34760	.11878
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.34963	.34650	2.1709	.38535	.55464	.79004	.33683
SDev	.00562	.00293	.0009	.00069	.00034	.00196	.00208
%RSD	1.6073	.84566	.04163	.17830	.06056	.24757	.61789
#1	.35360	.34443	2.1715	.38583	.55488	.78866	.33536
#2	.34565	.34857	2.1702	.38486	.55440	.79142	.33830
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.09385	.32500
SDev	.00015	.00205
%RSD	.16273	.63097
#1	.09396	.32355
#2	.09375	.32645
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6193	--	--	--	--	--	--
SDev	10.81860	--	--	--	--	--	--
%RSD	.1746893	--	--	--	--	--	--
#1	6185	--	--	--	--	--	--
#2	6201	--	--	--	--	--	--

Analysis Report 06/23/06 06:41:33 PM page 1

Method: TRACE1 Sample Name: AD636824/SD Operator: SW
Run Time: 06/23/06 18:36:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	114.34	.39730	.34630	1.5840	.34724	82.081	.37634
SDev	.01	.00289	.00111	.0005	.00029	.038	.00092
%RSD	.00879	.72785	.32046	.02869	.08230	.04660	.24481
#1	114.35	.39935	.34709	1.5843	.34745	82.108	.37699
#2	114.33	.39526	.34552	1.5837	.34704	82.054	.37569
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.39286	.61289	.54453	129.58	36.517	44.013	1.5960
SDev	.00048	.00125	.00125	.02	.059	.032	.0010
%RSD	.12240	.20458	.22927	.01687	.16229	.07262	.06051
#1	.39252	.61378	.54541	129.59	36.475	44.035	1.5967
#2	.39320	.61200	.54365	129.56	36.559	43.990	1.5953
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.427	.47552	1.2548	1.2243	1.2344	.34327	.10699
SDev	.001	.00014	.0039	.0012	.0021	.00135	.00158
%RSD	.00421	.02880	.30683	.09612	.16744	.39353	1.4797
#1	19.426	.47542	1.2521	1.2234	1.2330	.34232	.10587
#2	19.427	.47561	1.2575	1.2251	1.2359	.34423	.10811
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.34987	.33998	2.1211	.38080	.55230	.81705	.32757
SDev	.00315	.00045	.0017	.00265	.00036	.00022	.00260
%RSD	.90074	.13254	.07801	.69721	.06503	.02674	.79477
#1	.34765	.33966	2.1199	.37892	.55255	.81720	.32941
#2	.35210	.34030	2.1223	.38268	.55205	.81689	.32573
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.09352	.31985
SDev	.00007	.00026
%RSD	.07260	.08130
#1	.09347	.31966
#2	.09357	.32003
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6198	--	--	--	--	--	--
SDev	8.273288	--	--	--	--	--	--
%RSD	.1334799	--	--	--	--	--	--
#1	6192	--	--	--	--	--	--
#2	6204	--	--	--	--	--	--

Analysis Report 06/23/06 06:46:30 PM page 1

Method: TRACE1 Sample Name: AD636825 Operator: SW
Run Time: 06/23/06 18:41:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	104.93	.04065	.02507	1.1543	.00627	63.535	.00144
SDev	.04	.00039	.00017	.0011	.00001	.011	.00009
%RSD	.03494	.96514	.69807	.09541	.14523	.01722	6.0587
#1	104.90	.04037	.02520	1.1551	.00628	63.527	.00150
#2	104.96	.04092	.02495	1.1535	.00627	63.543	.00138
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04479	.21319	.19447	120.88	19.607	24.362	1.7662
SDev	.00018	.00050	.00019	.05	.042	.011	.0014
%RSD	.40730	.23256	.09920	.04488	.21608	.04463	.07853
#1	.04492	.21284	.19433	120.92	19.637	24.369	1.7672
#2	.04466	.21354	.19460	120.84	19.577	24.354	1.7652
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.5216	.11894	.66518	.65141	.65600	-.00283	-.00120
SDev	.0972	.00041	.00114	.00015	.00028	.00272	.00108
%RSD	6.3896	.34641	.17220	.02310	.04284	96.378	90.084
#1	1.5904	.11923	.66599	.65131	.65620	-.00090	-.00044
#2	1.4529	.11865	.66437	.65152	.65580	-.00475	-.00197
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00569	-.00140	1.9681	-.00573	.22514	.66242	.00804
SDev	.00307	.00255	.0004	.00149	.00039	.00009	.00290
%RSD	53.972	182.77	.01813	26.035	.17509	.01371	36.108
#1	-.00352	.00041	1.9683	-.00467	.22486	.66248	.01009
#2	-.00786	-.00320	1.9678	-.00678	.22542	.66235	.00599
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00216	.00504
SDev	.00004	.00018
%RSD	1.7844	3.6782
#1	.00219	.00517
#2	.00213	.00491
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6232	--	--	--	--	--	--
SDev	23.97085	--	--	--	--	--	--
%RSD	.3846476	--	--	--	--	--	--
#1	6215	--	--	--	--	--	--
#2	6249	--	--	--	--	--	--

Analysis Report QC Standard 06/23/06 06:52:52 PM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 06/23/06 18:47:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.715	.48139	.46639	.47743	.47563	25.156	.50594
SDev	.069	.00068	.00194	.00066	.00074	.043	.00087
%RSD	.27723	.14140	.41645	.13832	.15605	.16963	.17243
#1	24.764	.48091	.46777	.47790	.47616	25.186	.50656
#2	24.667	.48187	.46502	.47696	.47511	25.126	.50532
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48388	.48641	.49808	24.750	26.493	24.220	.48582
SDev	.00037	.00062	.00134	.031	.015	.061	.00096
%RSD	.07726	.12835	.26867	.12634	.05538	.25011	.19682
#1	.48414	.48685	.49903	24.772	26.504	24.263	.48650
#2	.48361	.48597	.49714	24.728	26.483	24.177	.48515
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.272	.49323	.50053	.48635	.49107	.49706	.51701
SDev	.018	.00079	.00399	.00185	.00256	.00380	.00102
%RSD	.07453	.15998	.79734	.37945	.52129	.76421	.19680
#1	24.284	.49379	.50335	.48765	.49288	.49975	.51773
#2	24.259	.49267	.49770	.48504	.48926	.49438	.51629
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51655	.48732	.50682	.53967	.48679	.46332	.47698
SDev	.00677	.00231	.00070	.00624	.00145	.00023	.00389
%RSD	1.3102	.47484	.13786	1.1556	.29815	.04889	.81622
#1	.52134	.48896	.50731	.53526	.48782	.46348	.47973
#2	.51176	.48569	.50633	.54408	.48577	.46316	.47423
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.48244	.46977
SDev	.00076	.00019
%RSD	.15673	.04116
#1	.48298	.46991
#2	.48191	.46963
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5805	--	--	--	--	--	--
SDev	22.16787	--	--	--	--	--	--
%RSD	.3818902	--	--	--	--	--	--
#1	5789	--	--	--	--	--	--
#2	5820	--	--	--	--	--	--

Analysis Report Blank Sample 06/23/06 06:57:48 PM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 06/23/06 18:52:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10731	-.00013	.00083	.00016	.00084	.02903	.00021
SDev	.00169	.00082	.00009	.00001	.00003	.00106	.00019
%RSD	1.5709	642.51	10.651	8.6804	3.4941	3.6540	90.098
#1	.10850	.00045	.00077	.00015	.00082	.02977	.00034
#2	.10611	-.00071	.00089	.00017	.00086	.02828	.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00032	-.00003	-.00176	.01818	.03165	.03455	.00018
SDev	.00041	.00037	.00005	.00612	.00809	.00233	.00003
%RSD	126.80	1102.6	2.9909	33.677	25.577	6.7429	17.316
#1	.00003	-.00029	-.00173	.02251	.03737	.03290	.00015
#2	.00061	.00023	-.00180	.01385	.02593	.03620	.00020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04377	.00009	-.00262	-.00189	-.00213	.00248	-.00128
SDev	.11119	.00035	.00015	.00106	.00066	.00249	.00126
%RSD	254.05	372.12	5.8117	56.157	30.807	100.25	98.547
#1	-.03486	-.00015	-.00273	-.00114	-.00167	.00424	-.00039
#2	.12239	.00034	-.00251	-.00264	-.00260	.00072	-.00217
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00058	.00343	.00079	-.00140	.00009	.00033	-.00010
SDev	.00327	.00537	.00019	.00166	.00014	.00015	.00181
%RSD	560.59	156.36	23.860	118.06	144.40	46.013	1830.3
#1	-.00173	.00723	.00092	-.00023	.00019	.00022	.00118
#2	.00289	-.00036	.00065	-.00258	-.00000	.00044	-.00138
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00228	.00162
SDev	.00042	.00032
%RSD	18.265	19.936
#1	.00199	.00184
#2	.00258	.00139
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5806	--	--	--	--	--	--
SDev	5.621637	--	--	--	--	--	--
%RSD	.0968300	--	--	--	--	--	--
#1	5802	--	--	--	--	--	--
#2	5810	--	--	--	--	--	--

Analysis Report 06/23/06 07:02:45 PM page 1

Method: TRACE1 Sample Name: AD636826 Operator: SW
Run Time: 06/23/06 18:57:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	128.41	.06872	.04127	7.2291	.00749	31.774	-.00018
SDev	.10	.00064	.00047	.0089	.00002	.060	.00008
%RSD	.07761	.93490	1.1376	.12291	.30437	.18932	46.811
#1	128.48	.06917	.04160	7.2228	.00747	31.816	-.00012
#2	128.34	.06826	.04094	7.2354	.00750	31.731	-.00023
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06701	.12037	.10705	148.59	24.552	48.225	1.7402
SDev	.00018	.00010	.00059	.06	.126	.165	.0014
%RSD	.26323	.08392	.54838	.03857	.51408	.34119	.08218
#1	.06689	.12044	.10747	148.55	24.463	48.341	1.7412
#2	.06714	.12030	.10664	148.63	24.641	48.109	1.7392
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4758	.14338	.07959	.09745	.09150	-.00383	-.00183
SDev	.0507	.00136	.00306	.00103	.00171	.00122	.00572
%RSD	2.0486	.95070	3.8392	1.0588	1.8642	31.960	312.72
#1	2.5117	.14435	.07743	.09672	.09029	-.00296	.00222
#2	2.4400	.14242	.08175	.09818	.09271	-.00469	-.00587
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00600	-.00274	2.6684	-.00138	.29321	.36327	.00438
SDev	.00248	.00308	.0046	.00278	.00021	.00036	.00167
%RSD	41.414	112.14	.17148	201.03	.07314	.09954	37.996
#1	-.00775	-.00057	2.6717	.00058	.29336	.36353	.00556
#2	-.00424	-.00492	2.6652	-.00334	.29306	.36301	.00320
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00189	.01392
SDev	.00017	.00007
%RSD	8.7689	.51270
#1	.00201	.01397
#2	.00177	.01387
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6358	--	--	--	--	--	--
SDev	6.045970	--	--	--	--	--	--
%RSD	.0950905	--	--	--	--	--	--
#1	6362	--	--	--	--	--	--
#2	6354	--	--	--	--	--	--

Analysis Report 06/23/06 07:07:42 PM page 1

Method: TRACE1 Sample Name: AD636827 Operator: SW
Run Time: 06/23/06 19:02:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	121.98	.04516	.03596	2.7346	.00768	344.43	.00283
SDev	.11	.00219	.00040	.0046	.00003	.00	.00002
%RSD	.08664	4.8523	1.1235	.16718	.33921	.00101	.77648
#1	121.91	.04671	.03568	2.7313	.00770	344.43	.00285
#2	122.06	.04361	.03625	2.7378	.00766	344.43	.00282
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07214	.11074	.17499	149.65	22.009	47.618	4.7065
SDev	.00037	.00080	.00012	.01	.010	.017	.0034
%RSD	.51284	.72086	.06872	.00435	.04580	.03539	.07132
#1	.07240	.11131	.17507	149.65	22.016	47.629	4.7042
#2	.07188	.11018	.17490	149.64	22.001	47.606	4.7089
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5049	.15226	.08666	.09931	.09510	-.00470	-.00379
SDev	.1543	.00068	.00263	.00108	.00016	.00082	.00170
%RSD	6.1614	.44404	3.0398	1.0850	.16659	17.489	44.768
#1	2.6140	.15178	.08852	.09855	.09521	-.00528	-.00259
#2	2.3957	.15274	.08479	.10007	.09499	-.00412	-.00499
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00626	-.00392	2.1969	-.00556	.29130	.35811	.00273
SDev	.00123	.00185	.0027	.00057	.00003	.00010	.00118
%RSD	19.587	47.064	.12367	10.233	.00911	.02703	43.063
#1	-.00539	-.00523	2.1988	-.00516	.29132	.35818	.00190
#2	-.00713	-.00262	2.1950	-.00596	.29128	.35804	.00356
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00187	.01327
SDev	.00031	.00055
%RSD	16.395	4.1041
#1	.00209	.01288
#2	.00165	.01365
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6378	--	--	--	--	--	--
SDev	22.06187	--	--	--	--	--	--
%RSD	.3458895	--	--	--	--	--	--
#1	6363	--	--	--	--	--	--
#2	6394	--	--	--	--	--	--

Analysis Report 06/23/06 07:12:39 PM page 1

Method: TRACE1 Sample Name: AD636828 Operator: SW
Run Time: 06/23/06 19:07:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	121.44	.03544	.02673	2.3876	.00744	52.461	.00050
SDev	.06	.00213	.00011	.0028	.00000	.053	.00023
%RSD	.04994	6.0069	.41043	.11874	.04555	.10163	46.817
#1	121.48	.03695	.02681	2.3896	.00743	52.423	.00033
#2	121.39	.03394	.02665	2.3856	.00744	52.498	.00066
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06056	.11591	.14703	148.97	20.995	43.648	3.1763
SDev	.00004	.00013	.00019	.09	.002	.038	.0005
%RSD	.06170	.11043	.13194	.05967	.01107	.08680	.01655
#1	.06059	.11582	.14689	148.91	20.997	43.621	3.1760
#2	.06054	.11600	.14717	149.04	20.993	43.675	3.1767
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.3700	.14024	.08912	.10218	.09783	.00054	-.00226
SDev	.0501	.00019	.00116	.00172	.00076	.00140	.00103
%RSD	2.1139	.13687	1.3026	1.6852	.77881	260.83	45.626
#1	2.4054	.14011	.08994	.10096	.09729	-.00045	-.00299
#2	2.3345	.14038	.08830	.10340	.09837	.00153	-.00153
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00846	.00504	2.6501	-.00670	.25985	.36792	.00277
SDev	.00431	.00425	.0051	.00372	.00013	.00063	.00286
%RSD	50.899	84.448	.19064	55.574	.05015	.17031	103.33
#1	-.00542	.00203	2.6537	-.00934	.25976	.36837	.00075
#2	-.01151	.00804	2.6465	-.00407	.25994	.36748	.00480
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00169	.00812
SDev	.00020	.00026
%RSD	11.615	3.1927
#1	.00183	.00831
#2	.00155	.00794
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6258	--	--	--	--	--	--
SDev	5.939973	--	--	--	--	--	--
%RSD	.0949249	--	--	--	--	--	--
#1	6253	--	--	--	--	--	--
#2	6262	--	--	--	--	--	--

Analysis Report 06/23/06 07:17:35 PM page 1

Method: TRACE1 Sample Name: AD636829 Operator: SW
Run Time: 06/23/06 19:12:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	62.760	.02067	.00032	1.1467	.00448	208.35	.00174
SDev	.044	.00037	.00035	.0002	.00003	.30	.00015
%RSD	.07004	1.7726	111.70	.01389	.66932	.14482	8.5137
#1	62.791	.02042	.00057	1.1466	.00446	208.14	.00164
#2	62.729	.02093	.00007	1.1468	.00450	208.57	.00185
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04983	.06865	.07232	95.838	12.682	33.619	1.6391
SDev	.00040	.00038	.00011	.155	.016	.005	.0012
%RSD	.80331	.54822	.15340	.16193	.12634	.01340	.07333
#1	.04954	.06838	.07225	95.728	12.670	33.616	1.6383
#2	.05011	.06891	.07240	95.947	12.693	33.622	1.6400
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.5262	.08383	.06215	.07029	.06758	-.00322	-.00152
SDev	.1116	.00048	.00023	.00045	.00037	.00027	.00012
%RSD	3.1659	.56981	.36623	.63503	.55271	8.5166	7.8291
#1	3.6051	.08349	.06199	.06997	.06732	-.00303	-.00161
#2	3.4472	.08417	.06231	.07061	.06784	-.00342	-.00144
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00423	-.00272	2.6755	-.00453	.20052	.23192	.00090
SDev	.00043	.00020	.0025	.00274	.00021	.00019	.00001
%RSD	10.070	7.3076	.09246	60.431	.10357	.08159	.71468
#1	-.00393	-.00258	2.6737	-.00260	.20037	.23205	.00089
#2	-.00453	-.00286	2.6772	-.00647	.20067	.23178	.00090
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00143	.00601
SDev	.00015	.00201
%RSD	10.172	33.541
#1	.00133	.00743
#2	.00154	.00458
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6182	--	--	--	--	--	--
SDev	2.545654	--	--	--	--	--	--
%RSD	.0411818	--	--	--	--	--	--
#1	6183	--	--	--	--	--	--
#2	6180	--	--	--	--	--	--

Analysis Report 06/23/06 07:22:32 PM page 1

Method: TRACE1 Sample Name: AD636830 Operator: SW
Run Time: 06/23/06 19:17:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	120.44	.07979	.07694	.99215	.00559	H967.73	.01940
SDev	.11	.00061	.00072	.00055	.00003	.05	.00021
%RSD	.08980	.76106	.93628	.05499	.54685	.00524	1.0826
#1	120.52	.08022	.07745	.99254	.00561	H967.69	.01926
#2	120.36	.07936	.07643	.99177	.00557	H967.76	.01955
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03876	5.7468	.85680	107.64	67.271	35.786	1.6555
SDev	.00014	.0070	.00152	.01	.268	.033	.0021
%RSD	.35382	.12201	.17691	.00576	.39766	.09345	.12790
#1	.03867	5.7419	.85787	107.64	67.082	35.810	1.6570
#2	.03886	5.7518	.85573	107.65	67.461	35.763	1.6540
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.2627	.25453	1.8869	1.8275	1.8473	.04280	-.00205
SDev	.1372	.00085	.0009	.0037	.0028	.00099	.00212
%RSD	1.8897	.33455	.04795	.20417	.15103	2.3139	103.23
#1	7.3597	.25513	1.8862	1.8249	1.8453	.04210	-.00055
#2	7.1656	.25392	1.8875	1.8302	1.8493	.04350	-.00355
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04442	.04200	2.1049	.00320	.55922	3.1722	.02635
SDev	.00063	.00117	.0003	.00061	.00094	.0052	.00007
%RSD	1.4284	2.7822	.01645	19.093	.16895	.16241	.25496
#1	.04397	.04117	2.1047	.00363	.55989	3.1759	.02639
#2	.04486	.04282	2.1052	.00277	.55855	3.1686	.02630
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00370	.03449
SDev	.00050	.00026
%RSD	13.542	.74951
#1	.00405	.03431
#2	.00334	.03467
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5831	--	--	--	--	--	--
SDev	18.24356	--	--	--	--	--	--
%RSD	.3128505	--	--	--	--	--	--
#1	5818	--	--	--	--	--	--
#2	5844	--	--	--	--	--	--

Analysis Report 06/23/06 07:27:29 PM page 1

Method: TRACE1 Sample Name: AD636831 Operator: SW
Run Time: 06/23/06 19:22:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	138.59	.08843	.10649	1.6298	.00693	87.235	.00273
SDev	.01	.00079	.00125	.0000	.00005	.190	.00011
%RSD	.00463	.89072	1.1696	.00281	.73169	.21740	4.1867
#1	138.60	.08898	.10561	1.6298	.00689	87.101	.00282
#2	138.59	.08787	.10737	1.6298	.00696	87.369	.00265
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06074	2.4364	1.2104	151.41	27.979	37.785	1.5137
SDev	.00014	.0055	.0010	.23	.003	.060	.0019
%RSD	.23712	.22729	.08078	.15186	.00905	.15911	.12783
#1	.06064	2.4325	1.2111	151.25	27.978	37.743	1.5123
#2	.06084	2.4403	1.2097	151.57	27.981	37.828	1.5151
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.179	.18662	2.4994	2.4131	2.4418	.00204	-.00444
SDev	.064	.00042	.0112	.0153	.0139	.00010	.00502
%RSD	.57135	.22307	.44847	.63430	.57095	4.9510	113.05
#1	11.134	.18632	2.4915	2.4022	2.4320	.00197	-.00799
#2	11.224	.18691	2.5074	2.4239	2.4517	.00211	-.00089
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00120	.00366	1.6087	-.00479	.24721	1.1433	.01848
SDev	.00529	.00249	.0006	.00279	.00059	.0025	.00021
%RSD	439.96	68.156	.03714	58.286	.23682	.22158	1.1428
#1	-.00494	.00542	1.6083	-.00677	.24679	1.1415	.01863
#2	.00254	.00190	1.6091	-.00282	.24762	1.1451	.01833
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00250	.00756
SDev	.00018	.00143
%RSD	7.0889	18.938
#1	.00238	.00655
#2	.00263	.00857
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6180	--	--	--	--	--	--
SDev	11.34927	--	--	--	--	--	--
%RSD	.1836340	--	--	--	--	--	--
#1	6188	--	--	--	--	--	--
#2	6172	--	--	--	--	--	--

Analysis Report 06/23/06 07:32:26 PM page 1

Method: TRACE1 Sample Name: AD636832 Operator: SW
Run Time: 06/23/06 19:27:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	145.10	.06143	.04784	1.7149	.00827	58.833	.00188
SDev	.18	.00012	.00054	.0012	.00003	.028	.00026
%RSD	.12720	.19980	1.1335	.06732	.31853	.04695	14.010
#1	145.23	.06151	.04822	1.7157	.00825	58.853	.00207
#2	144.97	.06134	.04746	1.7141	.00828	58.814	.00170
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06321	.36670	.22992	172.05	26.048	36.706	3.1141
SDev	.00001	.00060	.00018	.03	.067	.075	.0041
%RSD	.01981	.16298	.07734	.01794	.25689	.20452	.13316
#1	.06322	.36713	.23005	172.03	26.000	36.759	3.1171
#2	.06320	.36628	.22979	172.07	26.095	36.653	3.1112
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.4490	.15286	2.8692	2.7678	2.8016	.00248	-.00016
SDev	.0577	.00010	.0025	.0029	.0027	.00087	.00049
%RSD	1.0592	.06437	.08694	.10305	.09756	35.291	299.87
#1	5.4898	.15280	2.8674	2.7658	2.7997	.00310	.00018
#2	5.4082	.15293	2.8709	2.7699	2.8035	.00186	-.00051
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00518	.00631	1.8281	-.00501	.26447	.45484	.00760
SDev	.00469	.00103	.0055	.00065	.00064	.00120	.00120
%RSD	90.550	16.409	.30065	12.992	.24030	.26487	15.835
#1	-.00186	.00558	1.8243	-.00547	.26492	.45569	.00675
#2	-.00850	.00704	1.8320	-.00455	.26402	.45399	.00845
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00211	.00586
SDev	.00020	.00139
%RSD	9.3630	23.687
#1	.00225	.00488
#2	.00197	.00684
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6302	--	--	--	--	--	--
SDev	2.969987	--	--	--	--	--	--
%RSD	.0471281	--	--	--	--	--	--
#1	6300	--	--	--	--	--	--
#2	6304	--	--	--	--	--	--

Analysis Report 06/23/06 07:37:23 PM page 1

Method: TRACE1 Sample Name: AD636958/PB Operator: SW
Run Time: 06/23/06 19:32:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H.10831	-.00255	H.00612	.00008	H.00060	H.06730	-.00005
SDev	.00217	.00142	.00055	.00001	.00000	.00189	.00016
%RSD	2.0067	55.528	8.9867	18.011	.69402	2.8029	317.60
#1	H.10985	-.00355	H.00651	.00009	H.00060	H.06863	.00006
#2	H.10677	-.00155	H.00573	.00007	H.00059	H.06596	-.00017
Errors	LC High	LC Pass	LC High	LC Pass	LC High	LC High	LC Pass
High	.05500	.00748	.00396	.00037	.00055	.04620	.00075
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00026	-.00036	-.00185	-.00199	.00808	.00208	.00022
SDev	.00020	.00039	.00008	.00347	.00170	.00278	.00003
%RSD	77.995	105.76	4.3712	174.65	21.032	133.56	14.172
#1	-.00040	-.00009	-.00180	.00047	.00928	.00405	.00024
#2	-.00012	-.00064	-.00191	-.00444	.00688	.00012	.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00174	.00097	.00183	.03740	.05280	.01584	.00035
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02841	.00012	-.00460	.00066	-.00109	.00019	-.00306
SDev	.00298	.00045	.00133	.00152	.00057	.00122	.00362
%RSD	10.477	382.61	28.904	230.95	52.476	634.48	118.14
#1	.02630	-.00020	-.00366	-.00042	-.00150	-.00067	-.00562
#2	.03051	.00043	-.00554	.00174	-.00069	.00105	-.00050
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	.74580	.00308			.00352	.01342	.01210
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00395	.00226	.00105	-.00361	-.00010	.00087	-.00011
SDev	.00226	.00296	.00032	.00158	.00014	.00061	.00077
%RSD	57.133	130.66	30.847	43.836	137.02	70.703	684.94
#1	-.00235	.00017	.00128	-.00249	-.00000	.00043	.00043
#2	-.00554	.00435	.00082	-.00474	-.00020	.00130	-.00066
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00128	.01452	.00216	.00792	.00968
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00195	.00054
SDev	.00037	.00173
%RSD	19.249	318.27
#1	H.00221	H.00176
#2	.00168	-.00068
Errors	LC Pass	LC Pass
High	.00198	.00141
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5837	--	--	--	--	--	--
SDev	3.818308	--	--	--	--	--	--
%RSD	.0654111	--	--	--	--	--	--
#1	5840	--	--	--	--	--	--
#2	5835	--	--	--	--	--	--

Analysis Report 06/23/06 07:42:20 PM page 1

Method: TRACE1 Sample Name: AD636957/FB Operator: SW
Run Time: 06/23/06 19:37:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.007	.19930	.19212	.19752	.19212	9.9611	.21144
SDev	.168	.00308	.00265	.00398	.00370	.1767	.00451
%RSD	1.6838	1.5457	1.3790	2.0146	1.9244	1.7743	2.1322
#1	10.126	.20148	.19399	.20034	.19473	10.086	.21463
#2	9.8881	.19712	.19024	.19471	.18951	9.8361	.20825
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19674	.19961	.20387	10.142	10.885	9.7016	.19133
SDev	.00332	.00470	.00339	.180	.300	.1343	.00253
%RSD	1.6872	2.3537	1.6607	1.7713	2.7529	1.3843	1.3244
#1	.19909	.20293	.20626	10.269	11.097	9.7966	.19312
#2	.19440	.19629	.20148	10.015	10.673	9.6067	.18954
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.7827	.20692	.19902	.19714	.19777	.20065	.21182
SDev	.0141	.00303	.00525	.00313	.00383	.00170	.00419
%RSD	.14418	1.4627	2.6383	1.5864	1.9389	.84737	1.9795
#1	9.7727	.20906	.20274	.19935	.20048	.20185	.21478
#2	9.7926	.20478	.19531	.19493	.19506	.19945	.20885
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	11.500	.23000			.23000	.23000	.23000
Low	8.5000	.17000			.17000	.17000	.17000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20705	.19745	.20162	.21584	.19674	.18858	.19523
SDev	.00209	.00151	.00393	.00189	.00293	.00073	.00206
%RSD	1.0092	.76255	1.9492	.87725	1.4872	.38977	1.0545
#1	.20852	.19852	.20440	.21718	.19881	.18910	.19669
#2	.20557	.19639	.19884	.21450	.19467	.18806	.19378
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.23000	.23000	.23000	.23000	.23000
Low			.17000	.17000	.17000	.17000	.17000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05164	.19343
SDev	.00051	.00205
%RSD	.98857	1.0578
#1	.05200	.19488
#2	.05128	.19199
Errors	LC Pass	NOCHECK
High	.05750	
Low	.04250	

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5795	--	--	--	--	--	--
SDev	98.21706	--	--	--	--	--	--
%RSD	1.694786	--	--	--	--	--	--
#1	5726	--	--	--	--	--	--
#2	5865	--	--	--	--	--	--

Analysis Report 06/23/06 07:47:17 PM page 1

Method: TRACE1 Sample Name: AD637007 Operator: SW
Run Time: 06/23/06 19:42:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.4293	.00151	.05833	.04603	.00078	76.419	.00004
SDev	.0046	.00049	.00032	.00004	.00002	.157	.00001
%RSD	.13471	32.695	.55684	.08980	2.3405	.20539	33.733
#1	3.4326	.00187	.05810	.04600	.00077	76.308	.00005
#2	3.4261	.00116	.05856	.04606	.00080	76.530	.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00218	.00399	.00634	3.4750	6.1294	9.4854	.11820
SDev	.00020	.00012	.00010	.0145	.0106	.0145	.00004
%RSD	9.0667	3.0683	1.5465	.41836	.17215	.15296	.03599
#1	.00204	.00408	.00641	3.4647	6.1220	9.4752	.11823
#2	.00232	.00390	.00627	3.4853	6.1369	9.4957	.11817
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	21.897	.00684	-.00087	.00270	.00151	.00064	-.00282
SDev	.207	.00058	.00036	.00236	.00169	.00272	.00164
%RSD	.94376	8.4639	40.918	87.318	111.82	426.51	58.235
#1	22.044	.00643	-.00112	.00103	.00032	.00257	-.00166
#2	21.751	.00725	-.00062	.00437	.00271	-.00129	-.00398
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	.00086	.06880	-.00312	.00595	.02450	-.00079
SDev	.00798	.00010	.00474	.00025	.00015	.00089	.00205
%RSD	3938.5	11.191	6.8908	8.0459	2.4619	3.6406	259.41
#1	.00585	.00092	.07215	-.00330	.00585	.02513	-.00224
#2	-.00544	.00079	.06544	-.00294	.00606	.02387	.00066
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00198	.00518
SDev	.00001	.00156
%RSD	.26936	30.052
#1	.00198	.00408
#2	.00197	.00628
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5824	--	--	--	--	--	--
SDev	7.000288	--	--	--	--	--	--
%RSD	.1202024	--	--	--	--	--	--
#1	5829	--	--	--	--	--	--
#2	5819	--	--	--	--	--	--

Analysis Report QC Standard 06/23/06 07:53:39 PM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 06/23/06 19:48:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.862	.48402	.46854	.47898	.47555	25.146	.50485
SDev	.018	.00131	.00095	.00037	.00084	.021	.00058
%RSD	.07296	.27027	.20273	.07759	.17590	.08491	.11572
#1	24.875	.48309	.46921	.47924	.47614	25.131	.50444
#2	24.849	.48494	.46786	.47872	.47495	25.161	.50527
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48528	.48728	.50313	24.946	26.013	24.396	.49080
SDev	.00083	.00048	.00060	.048	.055	.019	.00138
%RSD	.17188	.09822	.11992	.19337	.21009	.07584	.28051
#1	.48587	.48762	.50356	24.980	25.975	24.409	.49177
#2	.48469	.48694	.50271	24.912	26.052	24.383	.48983
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.437	.49615	.49818	.48412	.48880	.50189	.51778
SDev	.040	.00023	.00047	.00094	.00047	.00030	.00175
%RSD	.16199	.04661	.09358	.19362	.09615	.05989	.33756
#1	24.409	.49631	.49851	.48346	.48847	.50211	.51654
#2	24.465	.49598	.49785	.48479	.48914	.50168	.51902
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51684	.49443	.50718	.53891	.49157	.47155	.48703
SDev	.00325	.00118	.00008	.00487	.00076	.00127	.00017
%RSD	.62907	.23759	.01649	.90451	.15515	.26863	.03474
#1	.51914	.49360	.50712	.53547	.49211	.47245	.48691
#2	.51454	.49526	.50724	.54236	.49103	.47065	.48715
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.48359	.47565
SDev	.00014	.00006
%RSD	.02974	.01374
#1	.48369	.47570
#2	.48349	.47561
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5789	--	--	--	--	--	--
SDev	4.136644	--	--	--	--	--	--
%RSD	.0714511	--	--	--	--	--	--
#1	5787	--	--	--	--	--	--
#2	5792	--	--	--	--	--	--

Analysis Report Blank Sample 06/23/06 07:58:36 PM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 06/23/06 19:53:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10751	-.00036	.00176	.00026	.00080	.03165	.00011
SDev	.00117	.00081	.00017	.00006	.00002	.00059	.00006
%RSD	1.0907	226.44	9.6871	23.054	2.3122	1.8771	57.397
#1	.10834	-.00093	.00188	.00030	.00081	.03207	.00015
#2	.10668	.00022	.00164	.00021	.00078	.03123	.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00018	-.00011	-.00159	.01941	.01820	.03306	.00024
SDev	.00020	.00022	.00019	.00260	.00570	.00163	.00000
%RSD	112.36	195.32	11.854	13.398	31.294	4.9274	.32620
#1	.00032	-.00027	-.00173	.02125	.02223	.03191	.00024
#2	.00004	.00004	-.00146	.01757	.01417	.03421	.00024
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01882	.00014	-.00237	-.00055	-.00116	.00314	-.00320
SDev	.02450	.00021	.00057	.00068	.00064	.00081	.00225
%RSD	130.20	148.39	24.060	122.32	55.434	25.878	70.349
#1	.03614	-.00001	-.00277	-.00103	-.00161	.00256	-.00161
#2	.00149	.00029	-.00196	-.00007	-.00070	.00371	-.00479
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	.00476	.00174	-.00404	.00029	-.00021	-.00028
SDev	.00006	.00119	.00196	.00045	.00068	.00031	.00051
%RSD	51.140	24.990	112.12	11.190	237.43	145.19	180.02
#1	-.00015	.00392	.00313	-.00436	.00077	.00001	-.00064
#2	-.00007	.00560	.00036	-.00372	-.00020	-.00043	.00008
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00174	.00174
SDev	.00035	.00068
%RSD	19.908	39.173
#1	.00199	.00126
#2	.00150	.00223
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5811	--	--	--	--	--	--
SDev	7.848609	--	--	--	--	--	--
%RSD	.1350716	--	--	--	--	--	--
#1	5805	--	--	--	--	--	--
#2	5816	--	--	--	--	--	--

Analysis Report 06/23/06 08:03:33 PM page 1

Method: TRACE1 Sample Name: AD637007/L (1:5) Operator: SW
Run Time: 06/23/06 19:58:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.87970	-.00006	.01353	.01010	.00068	15.702	-.00010
SDev	.00246	.00138	.00047	.00000	.00000	.028	.00019
%RSD	.27953	2210.9	3.4866	.01956	.08481	.17882	189.39
#1	.88144	.00091	.01386	.01010	.00068	15.682	-.00024
#2	.87796	-.00104	.01319	.01009	.00068	15.722	.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00077	.00105	.00028	.72500	1.2766	1.9682	.02424
SDev	.00019	.00011	.00011	.00606	.0095	.0122	.00015
%RSD	24.479	10.262	38.066	.83622	.74685	.61995	.63420
#1	.00063	.00113	.00035	.72071	1.2833	1.9596	.02413
#2	.00090	.00098	.00020	.72929	1.2698	1.9768	.02435
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.3709	.00155	-.00499	.00101	-.00099	.00241	-.00047
SDev	.1599	.00002	.00118	.00042	.00011	.00163	.00006
%RSD	3.6594	1.2843	23.594	41.687	11.192	67.720	12.718
#1	4.4840	.00156	-.00416	.00071	-.00091	.00126	-.00043
#2	4.2578	.00153	-.00582	.00131	-.00106	.00357	-.00051
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00021	.00351	.02329	-.00099	.00200	.00462	-.00149
SDev	.00398	.00444	.00011	.00477	.00041	.00032	.00181
%RSD	1894.3	126.32	.45659	480.16	20.648	6.8253	121.66
#1	.00302	.00038	.02321	.00238	.00171	.00440	-.00277
#2	-.00260	.00665	.02336	-.00437	.00229	.00484	-.00021
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00197	.00176
SDev	.00029	.00105
%RSD	14.684	59.764
#1	.00177	.00250
#2	.00218	.00101
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5801	--	--	--	--	--	--
SDev	7.000288	--	--	--	--	--	--
%RSD	.1206686	--	--	--	--	--	--
#1	5806	--	--	--	--	--	--
#2	5796	--	--	--	--	--	--

Analysis Report 06/23/06 08:08:30 PM page 1

Method: TRACE1 Sample Name: AD637007/PS Operator: SW
Run Time: 06/23/06 20:03:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.542	.20138	.24548	.24486	.19139	84.331	.20326
SDev	.045	.00219	.00148	.00027	.00011	.203	.00005
%RSD	.33334	1.0901	.60492	.10974	.05471	.24059	.02244
#1	13.574	.20293	.24443	.24505	.19146	84.474	.20329
#2	13.510	.19983	.24653	.24467	.19131	84.187	.20323
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19532	.20013	.21273	13.580	16.895	19.097	.30794
SDev	.00059	.00017	.00013	.011	.063	.036	.00049
%RSD	.29926	.08571	.06186	.07903	.37120	.18659	.15838
#1	.19573	.20001	.21283	13.572	16.939	19.122	.30759
#2	.19491	.20025	.21264	13.587	16.850	19.072	.30828
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	31.291	.20568	.19811	.19504	.19606	.20300	.20569
SDev	.147	.00163	.00262	.00337	.00312	.00320	.00273
%RSD	.46900	.79204	1.3238	1.7266	1.5911	1.5742	1.3285
#1	31.395	.20683	.19997	.19742	.19827	.20526	.20762
#2	31.187	.20453	.19626	.19266	.19386	.20074	.20376
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20783	.20058	.30789	.21524	.20446	.20647	.19110
SDev	.00688	.00135	.00207	.00329	.00007	.00009	.00175
%RSD	3.3113	.67430	.67195	1.5262	.03464	.04351	.91420
#1	.21270	.20154	.30935	.21291	.20441	.20653	.18986
#2	.20297	.19963	.30643	.21756	.20451	.20640	.19233
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05104	.19937
SDev	.00004	.00175
%RSD	.07154	.88000
#1	.05107	.19813
#2	.05102	.20061
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5797	--	--	--	--	--	--
SDev	32.88047	--	--	--	--	--	--
%RSD	.5672077	--	--	--	--	--	--
#1	5774	--	--	--	--	--	--
#2	5820	--	--	--	--	--	--

Analysis Report 06/23/06 08:13:27 PM page 1

Method: TRACE1 Sample Name: AD637008/MS Operator: SW
Run Time: 06/23/06 20:08:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.450	.20717	.24887	.24536	.19665	85.983	.21204
SDev	.021	.00179	.00056	.00022	.00005	.133	.00014
%RSD	.15519	.86499	.22604	.09095	.02691	.15525	.06584
#1	13.465	.20590	.24848	.24551	.19662	85.888	.21194
#2	13.436	.20843	.24927	.24520	.19669	86.077	.21213
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20123	.20735	.22103	13.999	16.864	19.343	.31583
SDev	.00035	.00069	.00040	.007	.015	.006	.00011
%RSD	.17518	.33445	.18017	.04887	.09005	.02971	.03310
#1	.20148	.20686	.22131	14.004	16.853	19.347	.31590
#2	.20098	.20784	.22075	13.994	16.875	19.339	.31575
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	31.977	.21576	.20550	.20219	.20329	.20633	.21205
SDev	.034	.00080	.00073	.00090	.00085	.00061	.00307
%RSD	.10697	.36905	.35583	.44684	.41620	.29685	1.4472
#1	32.001	.21520	.20498	.20156	.20270	.20590	.20988
#2	31.953	.21633	.20601	.20283	.20389	.20677	.21422
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21131	.20385	.27216	.22135	.20830	.21156	.20375
SDev	.00111	.00147	.00768	.00086	.00030	.00016	.00194
%RSD	.52553	.72309	2.8236	.39074	.14338	.07490	.95321
#1	.21209	.20281	.27759	.22074	.20809	.21145	.20238
#2	.21052	.20489	.26672	.22196	.20851	.21167	.20513
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05288	.20347
SDev	.00051	.00063
%RSD	.95928	.30763
#1	.05252	.20391
#2	.05324	.20303
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5798	--	--	--	--	--	--
SDev	4.348638	--	--	--	--	--	--
%RSD	.0749962	--	--	--	--	--	--
#1	5802	--	--	--	--	--	--
#2	5795	--	--	--	--	--	--

Analysis Report 06/23/06 08:18:24 PM page 1

Method: TRACE1 Sample Name: AD637009/SD Operator: SW
Run Time: 06/23/06 20:13:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.333	.20394	.24608	.24209	.19363	84.370	.20788
SDev	.007	.00165	.00131	.00009	.00076	.017	.00015
%RSD	.05209	.80936	.53054	.03770	.39040	.01982	.07453
#1	13.338	.20511	.24701	.24203	.19309	84.382	.20798
#2	13.329	.20278	.24516	.24216	.19416	84.359	.20777
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19814	.20401	.21715	13.969	16.601	19.034	.31198
SDev	.00113	.00049	.00009	.034	.065	.019	.00115
%RSD	.57285	.24252	.04113	.24353	.38874	.09947	.36920
#1	.19734	.20366	.21708	13.945	16.647	19.020	.31117
#2	.19894	.20436	.21721	13.993	16.556	19.047	.31280
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	31.640	.21215	.20109	.19579	.19756	.20624	.20864
SDev	.076	.00044	.00331	.00049	.00078	.00829	.00098
%RSD	.24118	.20850	1.6478	.24777	.39476	4.0178	.46982
#1	31.694	.21184	.20343	.19545	.19811	.20038	.20795
#2	31.586	.21247	.19875	.19614	.19700	.21210	.20933
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20884	.20494	.26824	.21534	.20423	.20827	.19796
SDev	.00778	.00854	.00428	.00218	.00086	.00062	.00081
%RSD	3.7253	4.1668	1.5959	1.0125	.41982	.29959	.40657
#1	.20334	.19890	.27127	.21688	.20363	.20783	.19739
#2	.21434	.21098	.26521	.21380	.20484	.20871	.19853
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05191	.20258
SDev	.00070	.00368
%RSD	1.3409	1.8172
#1	.05142	.19998
#2	.05240	.20518
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5823	--	--	--	--	--	--
SDev	8.803617	--	--	--	--	--	--
%RSD	.1511850	--	--	--	--	--	--
#1	5829	--	--	--	--	--	--
#2	5817	--	--	--	--	--	--

Analysis Report 06/23/06 08:23:21 PM page 1

Method: TRACE1 Sample Name: AD637010 Operator: SW
Run Time: 06/23/06 20:18:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.2380	.00205	.02460	.05097	.00078	16.608	-.00010
SDev	.0075	.00161	.00031	.00006	.00003	.001	.00010
%RSD	.14375	78.615	1.2592	.12164	3.4271	.00391	102.53
#1	5.2327	.00091	.02438	.05093	.00080	16.609	-.00003
#2	5.2434	.00319	.02482	.05101	.00076	16.608	-.00016
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00229	.00527	.01278	6.7386	3.3611	3.3069	.40017
SDev	.00022	.00015	.00005	.0007	.0087	.0010	.00073
%RSD	9.6872	2.8347	.37554	.01090	.26029	.02983	.18363
#1	.00214	.00517	.01275	6.7381	3.3549	3.3062	.40069
#2	.00245	.00538	.01281	6.7391	3.3673	3.3076	.39965
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.970	.00673	.00124	.00485	.00365	.00369	-.00050
SDev	.034	.00021	.00030	.00051	.00044	.00084	.00176
%RSD	.13725	3.1531	24.459	10.426	12.011	22.884	351.92
#1	24.994	.00658	.00102	.00449	.00334	.00429	-.00174
#2	24.945	.00688	.00145	.00521	.00395	.00309	.00074
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00433	.00337	.07816	-.00154	.00874	.08483	.00180
SDev	.00336	.00041	.00437	.00009	.00016	.00071	.00101
%RSD	77.502	12.274	5.5910	5.6745	1.7820	.83815	55.701
#1	.00671	.00307	.08125	-.00160	.00885	.08433	.00109
#2	.00196	.00366	.07507	-.00148	.00863	.08533	.00251
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00198	.00341
SDev	.00009	.00114
%RSD	4.3933	33.615
#1	.00204	.00422
#2	.00192	.00260
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5841	--	--	--	--	--	--
SDev	14.31891	--	--	--	--	--	--
%RSD	.2451291	--	--	--	--	--	--
#1	5831	--	--	--	--	--	--
#2	5852	--	--	--	--	--	--

Analysis Report 06/23/06 08:28:18 PM page 1

Method: TRACE1 Sample Name: AD636943 Operator: SW
Run Time: 06/23/06 20:23:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.448	.05360	2.8064	1.0378	.00107	53.366	-.00009
SDev	.050	.00188	.0045	.0001	.00001	.026	.00021
%RSD	.43275	3.5090	.15881	.01152	.87769	.04828	234.05
#1	11.483	.05493	2.8096	1.0379	.00106	53.384	.00006
#2	11.413	.05227	2.8033	1.0377	.00107	53.348	-.00024
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00552	.01311	.00813	14.007	130.39	128.04	.60094
SDev	.00012	.00018	.00029	.037	.43	.13	.00078
%RSD	2.1401	1.4087	3.5991	.26122	.33278	.10456	.13049
#1	.00560	.01298	.00792	14.033	130.09	128.14	.60150
#2	.00543	.01324	.00833	13.981	130.70	127.95	.60039
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H533.41	.04820	.00135	.00857	.00617	.00254	-.00387
SDev	.50	.00082	.00249	.00106	.00012	.00064	.00053
%RSD	.09389	1.6950	184.07	12.411	1.9490	25.173	13.632
#1	H533.06	.04762	-.00041	.00932	.00608	.00208	-.00350
#2	H533.76	.04878	.00312	.00782	.00625	.00299	-.00424
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00105	.00328	.26047	-.00226	.01794	.05920	.00277
SDev	.01250	.00530	.00373	.00114	.00013	.00016	.00104
%RSD	1189.2	161.58	1.4305	50.526	.74479	.26418	37.580
#1	-.00779	.00702	.26311	-.00146	.01804	.05931	.00351
#2	.00989	-.00047	.25784	-.00307	.01785	.05909	.00203
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00209	.00405
SDev	.00051	.00160
%RSD	24.421	39.446
#1	.00245	.00292
#2	.00173	.00517
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5822	--	--	--	--	--	--
SDev	.1059970	--	--	--	--	--	--
%RSD	.0018206	--	--	--	--	--	--
#1	5822	--	--	--	--	--	--
#2	5822	--	--	--	--	--	--

Analysis Report 06/23/06 08:33:15 PM page 1

Method: TRACE1 Sample Name: AD636944 Operator: SW
Run Time: 06/23/06 20:28:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09480	.00048	.05459	.02704	.00071	100.68	-.00005
SDev	.00022	.00162	.00095	.00002	.00005	.01	.00010
%RSD	.23360	342.10	1.7346	.08323	7.5307	.00864	196.92
#1	.09464	-.00067	.05526	.02705	.00067	100.67	-.00012
#2	.09495	.00162	.05392	.02702	.00075	100.69	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00027	.00002	.02209	.12282	2.5831	49.892	.00668
SDev	.00005	.00011	.00024	.00985	.0095	.117	.00008
%RSD	18.235	515.25	1.0917	8.0235	.36587	.23357	1.1424
#1	.00030	.00010	.02227	.11585	2.5764	49.974	.00673
#2	.00023	-.00006	.02192	.12978	2.5898	49.809	.00662
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.024	.00262	-.00218	-.00010	-.00079	.00068	-.00258
SDev	.065	.00006	.00222	.00061	.00034	.00016	.00127
%RSD	.54202	2.4438	102.22	583.95	42.403	23.807	48.949
#1	12.071	.00258	-.00060	-.00053	-.00056	.00056	-.00348
#2	11.978	.00267	-.00375	.00032	-.00103	.00079	-.00169
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00194	.00199	.00051	-.00076	-.00010	.02560	.00101
SDev	.00274	.00113	.00000	.00171	.00041	.00037	.00130
%RSD	141.44	56.871	.07132	226.51	410.20	1.4538	129.56
#1	-.00388	.00278	.00051	.00046	-.00039	.02533	.00008
#2	.00000	.00119	.00051	-.00197	.00019	.02586	.00193
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00195	-.00032
SDev	.00023	.00160
%RSD	11.572	499.88
#1	.00179	-.00146
#2	.00211	.00081
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5792	--	--	--	--	--	--
SDev	13.78858	--	--	--	--	--	--
%RSD	.2380769	--	--	--	--	--	--
#1	5801	--	--	--	--	--	--
#2	5782	--	--	--	--	--	--

Analysis Report 06/23/06 08:38:12 PM page 1

Method: TRACE1 Sample Name: AD636947 Operator: SW
Run Time: 06/23/06 20:33:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12134	.00033	.03240	.06380	.00072	89.210	.00004
SDev	.00213	.00104	.00051	.00005	.00004	.157	.00016
%RSD	1.7545	312.05	1.5628	.07171	5.1867	.17583	457.10
#1	.11983	-.00040	.03205	.06383	.00070	89.099	-.00008
#2	.12284	.00107	.03276	.06376	.00075	89.321	.00015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00037	.00225	.00257	.41629	8.3693	48.828	.00380
SDev	.00052	.00050	.00066	.00243	.0019	.037	.00002
%RSD	139.64	22.169	25.753	.58274	.02284	.07574	.41725
#1	.00000	.00190	.00210	.41458	8.3680	48.802	.00379
#2	.00074	.00260	.00304	.41801	8.3707	48.855	.00381
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	17.864	.00071	.00332	.00704	.00580	-.00122	-.00302
SDev	.099	.00000	.00053	.00045	.00013	.00165	.00067
%RSD	.55473	.40862	15.909	6.4305	2.1757	134.91	22.206
#1	17.934	.00071	.00295	.00736	.00589	-.00006	-.00349
#2	17.794	.00071	.00369	.00672	.00571	-.00239	-.00254
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00191	-.00088	.00171	.00091	.00165	.02702	-.00026
SDev	.00301	.00097	.00016	.00158	.00042	.00089	.00260
%RSD	157.42	110.40	9.5574	173.03	25.519	3.2799	1004.5
#1	.00022	-.00019	.00160	.00203	.00135	.02640	.00158
#2	-.00404	-.00156	.00183	-.00020	.00195	.02765	-.00210
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00189	.00220
SDev	.00046	.00010
%RSD	24.285	4.6463
#1	.00157	.00212
#2	.00222	.00227
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5748	--	--	--	--	--	--
SDev	22.27386	--	--	--	--	--	--
%RSD	.3875366	--	--	--	--	--	--
#1	5763	--	--	--	--	--	--
#2	5732	--	--	--	--	--	--

Analysis Report 06/23/06 08:43:09 PM page 1

Method: TRACE1 Sample Name: AD636948 Operator: SW
Run Time: 06/23/06 20:38:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08578	-.00019	.03030	.04082	.00065	91.614	-.00017
SDev	.00021	.00064	.00011	.00011	.00000	.368	.00017
%RSD	.24426	340.48	.35636	.25760	.00862	.40134	99.976
#1	.08593	.00026	.03022	.04075	.00065	91.354	-.00005
#2	.08563	-.00064	.03037	.04089	.00065	91.874	-.00029
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00028	.00020	.00434	-.00644	7.8816	45.484	.00005
SDev	.00025	.00005	.00015	.00432	.0205	.133	.00003
%RSD	91.263	26.286	3.4384	67.113	.26074	.29161	66.327
#1	.00010	.00024	.00445	-.00949	7.8671	45.391	.00007
#2	.00045	.00016	.00423	-.00338	7.8962	45.578	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	14.114	.00020	-.00469	.00138	-.00064	-.00056	-.00440
SDev	.110	.00039	.00184	.00068	.00107	.00002	.00266
%RSD	.78119	194.73	39.269	49.511	167.65	2.8567	60.499
#1	14.036	-.00008	-.00339	.00187	.00012	-.00057	-.00629
#2	14.192	.00048	-.00599	.00090	-.00140	-.00055	-.00252
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00299	.00065	.00028	-.00150	.00020	.00440	-.00193
SDev	.00116	.00060	.00007	.00251	.00055	.00030	.00182
%RSD	38.791	92.376	24.414	167.11	281.86	6.7590	94.478
#1	-.00217	.00023	.00023	.00027	-.00019	.00461	-.00064
#2	-.00381	.00108	.00033	-.00327	.00059	.00419	-.00321
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00189	.00023
SDev	.00044	.00110
%RSD	23.518	486.56
#1	.00157	.00101
#2	.00220	-.00055
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5763	--	--	--	--	--	--
SDev	14.74324	--	--	--	--	--	--
%RSD	.2558425	--	--	--	--	--	--
#1	5773	--	--	--	--	--	--
#2	5752	--	--	--	--	--	--

Analysis Report 06/23/06 08:48:06 PM page 1

Method: TRACE1 Sample Name: AD636949 Operator: SW
Run Time: 06/23/06 20:43:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08516	.00268	.02163	.07113	.00057	47.315	-.00005
SDev	.00514	.00031	.00064	.00001	.00007	.268	.00002
%RSD	6.0407	11.480	2.9797	.01555	11.868	.56690	37.541
#1	.08152	.00290	.02117	.07114	.00052	47.125	-.00004
#2	.08880	.00246	.02208	.07113	.00062	47.505	-.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00036	-.00052	.00863	.36506	1.7409	35.076	.00462
SDev	.00056	.00020	.00020	.00238	.0070	.130	.00010
%RSD	154.43	38.619	2.3256	.65135	.40130	.36988	2.2160
#1	-.00076	-.00038	.00849	.36337	1.7359	34.985	.00470
#2	.00003	-.00066	.00877	.36674	1.7458	35.168	.00455
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.4388	.00011	-.00242	.00070	-.00034	.00051	.00080
SDev	.0883	.00029	.00202	.00048	.00099	.00341	.00182
%RSD	2.5672	265.70	83.279	69.042	292.23	672.29	226.08
#1	3.3764	.00032	-.00100	.00104	.00036	.00292	.00209
#2	3.5013	-.00010	-.00385	.00036	-.00104	-.00190	-.00048
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00143	.00005	.00042	.00099	-.00011	.01004	.00026
SDev	.00212	.00405	.00022	.00148	.00014	.00035	.00024
%RSD	148.45	8894.3	51.697	150.30	128.62	3.5290	93.352
#1	.00293	.00291	.00026	.00204	-.00020	.00979	.00044
#2	-.00007	-.00282	.00057	-.00006	-.00001	.01029	.00009
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00162	.00265
SDev	.00035	.00088
%RSD	21.703	33.190
#1	.00137	.00203
#2	.00187	.00328
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5815	--	--	--	--	--	--
SDev	25.13785	--	--	--	--	--	--
%RSD	.4323285	--	--	--	--	--	--
#1	5832	--	--	--	--	--	--
#2	5797	--	--	--	--	--	--

Analysis Report QC Standard 06/23/06 08:54:29 PM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 06/23/06 20:49:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.826	.48211	.46817	.47889	.47608	25.055	.50348
SDev	.041	.00340	.00363	.00090	.00130	.069	.00220
%RSD	.16422	.70464	.77533	.18714	.27358	.27370	.43685
#1	24.854	.48451	.47073	.47953	.47700	25.006	.50193
#2	24.797	.47970	.46560	.47826	.47516	25.103	.50504
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48592	.48815	.50338	24.925	26.026	24.307	.49138
SDev	.00021	.00164	.00239	.064	.169	.026	.00267
%RSD	.04359	.33558	.47419	.25777	.64995	.10741	.54294
#1	.48607	.48931	.50507	24.970	25.907	24.325	.49327
#2	.48577	.48699	.50169	24.879	26.146	24.289	.48949
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.479	.49487	.49834	.48481	.48932	.49830	.51345
SDev	.068	.00035	.00064	.00094	.00041	.00040	.00625
%RSD	.27968	.07042	.12922	.19376	.08423	.08001	1.2169
#1	24.527	.49511	.49880	.48414	.48902	.49858	.50903
#2	24.430	.49462	.49789	.48547	.48961	.49802	.51786
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51269	.49111	.50755	.53801	.49093	.47062	.48605
SDev	.00325	.00222	.00167	.00004	.00154	.00215	.00048
%RSD	.63426	.45285	.32982	.00783	.31388	.45715	.09828
#1	.51039	.49269	.50637	.53804	.49202	.47214	.48572
#2	.51499	.48954	.50874	.53798	.48984	.46910	.48639
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.48307	.48004
SDev	.00016	.00291
%RSD	.03239	.60702
#1	.48296	.48210
#2	.48318	.47798
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5790	--	--	--	--	--	--
SDev	3.606314	--	--	--	--	--	--
%RSD	.0622836	--	--	--	--	--	--
#1	5788	--	--	--	--	--	--
#2	5793	--	--	--	--	--	--

Analysis Report Blank Sample 06/23/06 08:59:27 PM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 06/23/06 20:54:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06010	-.00134	.00091	.00008	.00062	-.00798	-.00011
SDev	.00261	.00101	.00008	.00001	.00017	.00067	.00002
%RSD	4.3354	75.277	8.5152	11.778	28.387	8.3626	16.277
#1	.06194	-.00205	.00085	.00008	.00074	-.00751	-.00010
#2	.05825	-.00062	.00096	.00007	.00049	-.00845	-.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00013	-.00025	-.00145	.00097	.00315	-.00042	.00002
SDev	.00003	.00025	.00017	.00095	.00808	.00261	.00001
%RSD	26.190	96.857	11.659	98.202	256.41	623.43	31.262
#1	.00010	-.00008	-.00133	.00030	.00887	.00143	.00003
#2	.00015	-.00043	-.00157	.00165	-.00256	-.00227	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.09063	-.00011	-.00375	-.00206	-.00262	.00163	-.00143
SDev	.08290	.00024	.00020	.00041	.00020	.00271	.00316
%RSD	91.469	220.47	5.4393	19.861	7.8124	166.35	220.93
#1	-.03201	.00006	-.00361	-.00235	-.00277	.00354	.00081
#2	-.14925	-.00028	-.00390	-.00177	-.00248	-.00029	-.00367
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00256	.00116	.00019	-.00094	.00000	.00013	-.00025
SDev	.00465	.00173	.00024	.00564	.00001	.00049	.00110
%RSD	181.75	149.37	125.91	599.22	554.02	379.46	447.08
#1	.00585	.00239	.00002	.00305	.00000	.00047	.00053
#2	-.00073	-.00007	.00036	-.00493	-.00000	-.00022	-.00102
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00170	.00162
SDev	.00006	.00102
%RSD	3.4889	62.526
#1	.00166	.00091
#2	.00174	.00234
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5742	--	--	--	--	--	--
SDev	145.0981	--	--	--	--	--	--
%RSD	2.526961	--	--	--	--	--	--
#1	5639	--	--	--	--	--	--
#2	5845	--	--	--	--	--	--

Analysis Report 06/23/06 09:04:24 PM page 1

Method: TRACE1 Sample Name: AD636950 Operator: SW
Run Time: 06/23/06 20:59:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08465	-.00111	.03558	.02424	.00066	85.294	-.00011
SDev	.00278	.00231	.00078	.00000	.00001	.104	.00011
%RSD	3.2846	207.94	2.2006	.00727	1.4380	.12246	103.16
#1	.08661	.00052	.03503	.02425	.00067	85.220	-.00003
#2	.08268	-.00274	.03613	.02424	.00066	85.368	-.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	.00003	.00991	.00592	2.7754	43.036	.00027
SDev	.00014	.00030	.00015	.00613	.0024	.035	.00003
%RSD	64.693	1039.5	1.4964	103.49	.08638	.08224	11.501
#1	.00032	-.00018	.01001	.00159	2.7771	43.011	.00025
#2	.00012	.00024	.00980	.01026	2.7737	43.061	.00029
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.745	.00106	-.00345	-.00012	-.00123	.00174	-.00026
SDev	.039	.00033	.00180	.00163	.00049	.00290	.00187
%RSD	.36421	31.223	52.060	1410.3	39.819	166.80	718.39
#1	10.717	.00083	-.00472	.00104	-.00088	.00379	.00106
#2	10.772	.00129	-.00218	-.00127	-.00157	-.00031	-.00159
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00049	.00286	.00053	-.00121	.00039	.01045	.00010
SDev	.00397	.00236	.00011	.00142	.00028	.00014	.00052
%RSD	802.42	82.820	20.460	117.53	70.543	1.3546	510.95
#1	.00231	.00453	.00061	-.00221	.00020	.01035	.00047
#2	-.00330	.00118	.00046	-.00020	.00058	.01056	-.00027
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00183	.00016
SDev	.00015	.00009
%RSD	7.9053	56.622
#1	.00173	.00023
#2	.00193	.00010
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5759	--	--	--	--	--	--
SDev	7.318279	--	--	--	--	--	--
%RSD	.1270683	--	--	--	--	--	--
#1	5754	--	--	--	--	--	--
#2	5764	--	--	--	--	--	--

Analysis Report 06/23/06 09:09:21 PM page 1

Method: TRACE1 Sample Name: AD636951 Operator: SW
Run Time: 06/23/06 21:04:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08257	-.00198	.04378	.07130	.00066	66.908	-.00009
SDev	.00202	.00115	.00030	.00095	.00007	.951	.00002
%RSD	2.4447	57.948	.68763	1.3366	11.359	1.4208	22.100
#1	.08114	-.00117	.04356	.07063	.00061	66.236	-.00010
#2	.08399	-.00280	.04399	.07198	.00072	67.580	-.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00056	-.00043	-.00119	6.5529	1.9340	34.984	.07388
SDev	.00044	.00042	.00002	.0958	.0323	.474	.00092
%RSD	78.910	97.293	2.0010	1.4617	1.6677	1.3558	1.2441
#1	.00088	-.00072	-.00120	6.4852	1.9112	34.648	.07323
#2	.00025	-.00013	-.00117	6.6206	1.9568	35.319	.07453
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.7259	.00017	-.00451	.00116	-.00072	.00132	-.00324
SDev	.0358	.00011	.00243	.00176	.00036	.00364	.00331
%RSD	.53258	65.967	53.870	151.14	50.244	274.34	102.17
#1	6.7006	.00009	-.00622	.00241	-.00047	.00390	-.00090
#2	6.7512	.00024	-.00279	-.00008	-.00098	-.00125	-.00559
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00241	.00319	.00037	-.00362	.00024	.67370	-.00039
SDev	.00316	.00387	.00003	.00073	.00000	.01027	.00128
%RSD	131.33	121.25	8.9078	20.254	1.2917	1.5251	326.37
#1	-.00017	.00593	.00039	-.00311	.00024	.66644	.00051
#2	-.00465	.00046	.00034	-.00414	.00024	.68097	-.00130
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00189	.00074
SDev	.00006	.00052
%RSD	3.0814	69.613
#1	.00185	.00038
#2	.00193	.00111
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5765	--	--	--	--	--	--
SDev	51.97235	--	--	--	--	--	--
%RSD	.9014761	--	--	--	--	--	--
#1	5802	--	--	--	--	--	--
#2	5728	--	--	--	--	--	--

Analysis Report 06/23/06 09:14:19 PM page 1

Method: TRACE1 Sample Name: AD636952 Operator: SW
Run Time: 06/23/06 21:09:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07933	-.00094	.01324	.04205	.00060	78.655	-.00016
SDev	.00237	.00053	.00034	.00003	.00004	.380	.00022
%RSD	2.9840	56.597	2.5866	.06007	5.9948	.48304	140.31
#1	.07766	-.00057	.01348	.04203	.00057	78.386	-.00000
#2	.08100	-.00132	.01300	.04207	.00062	78.924	-.00032
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00026	-.00000	.01471	-.00022	1.2057	39.002	.00009
SDev	.00038	.00008	.00016	.00953	.0044	.169	.00010
%RSD	146.69	2870.9	1.1209	4302.6	.36645	.43223	107.11
#1	-.00001	-.00006	.01459	-.00696	1.2088	38.883	.00002
#2	.00052	.00005	.01483	.00652	1.2026	39.122	.00016
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.9811	.00015	-.00335	.00046	-.00081	.00605	-.00333
SDev	.0114	.00018	.00238	.00021	.00093	.00490	.00152
%RSD	.38243	122.00	71.076	45.454	115.73	80.932	45.562
#1	2.9730	.00002	-.00167	.00061	-.00015	.00259	-.00226
#2	2.9892	.00027	-.00503	.00031	-.00147	.00951	-.00441
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00742	.00537	.00002	-.00184	.00019	.00734	-.00046
SDev	.00235	.00617	.00009	.00017	.00028	.00018	.00025
%RSD	31.688	114.98	563.46	9.0616	142.06	2.5171	54.579
#1	.00576	.00100	.00008	-.00196	-.00000	.00721	-.00028
#2	.00908	.00973	-.00005	-.00172	.00039	.00747	-.00064
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00165	.00088
SDev	.00020	.00147
%RSD	12.049	167.74
#1	.00151	-.00016
#2	.00180	.00192
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5786	--	--	--	--	--	--
SDev	21.42520	--	--	--	--	--	--
%RSD	.3702970	--	--	--	--	--	--
#1	5801	--	--	--	--	--	--
#2	5771	--	--	--	--	--	--

Analysis Report 06/23/06 09:19:16 PM page 1

Method: TRACE1 Sample Name: AD636953 Operator: SW
Run Time: 06/23/06 21:14:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07575	-.00070	.01930	.04812	.00056	69.903	-.00001
SDev	.00003	.00049	.00074	.00005	.00001	.078	.00031
%RSD	.03319	69.438	3.8500	.10765	1.7314	.11188	4840.7
#1	.07577	-.00036	.01878	.04816	.00055	69.848	-.00023
#2	.07574	-.00104	.01983	.04809	.00056	69.959	.00021
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00005	-.00014	.01958	-.00755	1.3131	39.725	.00013
SDev	.00016	.00022	.00011	.00433	.0023	.043	.00003
%RSD	302.83	160.65	.54536	57.398	.17192	.10835	24.281
#1	.00006	-.00030	.01965	-.01061	1.3115	39.695	.00011
#2	-.00016	.00002	.01950	-.00448	1.3147	39.755	.00015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.4904	-.00041	-.00354	-.00067	-.00163	.00181	-.00338
SDev	.0135	.00013	.00032	.00092	.00051	.00066	.00185
%RSD	.20829	30.559	9.1322	136.96	31.241	36.764	54.595
#1	6.5000	-.00032	-.00377	-.00002	-.00127	.00228	-.00469
#2	6.4809	-.00050	-.00331	-.00133	-.00199	.00134	-.00208
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00144	.00199	.00007	-.00182	.00058	.00665	-.00011
SDev	.00312	.00056	.00000	.00307	.00000	.00014	.00078
%RSD	217.07	28.267	1.1684	168.68	.16083	2.1683	736.98
#1	.00364	.00159	.00007	.00035	.00058	.00675	-.00065
#2	-.00077	.00239	.00007	-.00399	.00058	.00655	.00044
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00155	.00213
SDev	.00003	.00005
%RSD	2.1125	2.2987
#1	.00153	.00209
#2	.00158	.00216
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5814	--	--	--	--	--	--
SDev	7.742612	--	--	--	--	--	--
%RSD	.1331770	--	--	--	--	--	--
#1	5819	--	--	--	--	--	--
#2	5808	--	--	--	--	--	--

Analysis Report 06/23/06 09:24:13 PM page 1

Method: TRACE1 Sample Name: AD636954 Operator: SW
Run Time: 06/23/06 21:19:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07644	.00019	.02882	.06500	.00062	94.938	.00021
SDev	.00124	.00060	.00079	.00046	.00006	.506	.00009
%RSD	1.6172	311.59	2.7408	.70600	10.227	.53317	40.459
#1	.07732	.00062	.02938	.06532	.00066	95.295	.00028
#2	.07557	-.00023	.02826	.06467	.00057	94.580	.00015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00029	.00100	.06737	.02439	1.3682	51.666	.00016
SDev	.00015	.00020	.00077	.00597	.0068	.285	.00006
%RSD	50.404	19.932	1.1389	24.474	.49681	.55254	41.523
#1	.00018	.00114	.06792	.02017	1.3730	51.868	.00020
#2	.00039	.00086	.06683	.02862	1.3634	51.464	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.2940	.00100	-.00228	.00098	-.00010	.00245	-.00320
SDev	.0732	.00058	.00076	.00128	.00060	.00108	.00041
%RSD	.88233	58.014	33.320	130.23	582.39	44.172	12.786
#1	8.3457	.00059	-.00174	.00008	-.00053	.00321	-.00291
#2	8.2423	.00141	-.00282	.00189	.00032	.00168	-.00348
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00242	.00488	.00021	-.00166	.00175	.11623	-.00119
SDev	.00176	.00074	.00025	.00182	.00001	.00165	.00077
%RSD	72.569	15.175	118.94	109.62	.69859	1.4170	64.610
#1	-.00118	.00540	.00003	-.00037	.00176	.11739	-.00174
#2	-.00367	.00436	.00039	-.00295	.00174	.11507	-.00065
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00191	.00152
SDev	.00015	.00109
%RSD	7.6493	71.646
#1	.00181	.00075
#2	.00201	.00230
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5775	--	--	--	--	--	--
SDev	35.42577	--	--	--	--	--	--
%RSD	.6133855	--	--	--	--	--	--
#1	5750	--	--	--	--	--	--
#2	5800	--	--	--	--	--	--

Analysis Report 06/23/06 09:29:10 PM page 1

Method: TRACE1 Sample Name: AD636955 Operator: SW
Run Time: 06/23/06 21:24:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06635	.00043	.03256	.03294	.00047	96.115	-.00010
SDev	.00010	.00028	.00144	.00008	.00004	.102	.00005
%RSD	.14480	66.000	4.4267	.24580	8.1177	.10599	48.631
#1	.06629	.00063	.03154	.03289	.00049	96.187	-.00007
#2	.06642	.00023	.03358	.03300	.00044	96.043	-.00013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	-.00051	.00552	.04727	1.3368	49.821	.00026
SDev	.00032	.00004	.00037	.00272	.0172	.022	.00009
%RSD	966.70	7.7075	6.7143	5.7654	1.2838	.04481	36.455
#1	.00019	-.00048	.00578	.04919	1.3489	49.836	.00033
#2	-.00026	-.00054	.00526	.04534	1.3247	49.805	.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.7566	.00029	-.00253	.00098	-.00019	.00070	-.00321
SDev	.2412	.00061	.00365	.00193	.00007	.00120	.00105
%RSD	2.7544	208.68	144.20	196.45	39.706	172.17	32.860
#1	8.9271	-.00014	.00005	-.00038	-.00024	-.00015	-.00246
#2	8.5861	.00073	-.00511	.00235	-.00013	.00155	-.00395
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00165	.00023	.00015	-.00123	-.00000	.02344	-.00012
SDev	.00295	.00328	.00015	.00229	.00027	.00097	.00026
%RSD	179.29	1457.1	99.913	185.52	7559.3	4.1434	214.78
#1	.00374	-.00210	.00004	-.00285	.00019	.02276	.00006
#2	-.00044	.00255	.00025	.00038	-.00020	.02413	-.00031
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00070	.00070
SDev	.00028	.00141
%RSD	39.722	200.14
#1	.00050	.00170
#2	.00089	-.00029
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5861	--	--	--	--	--	--
SDev	23.86485	--	--	--	--	--	--
%RSD	.4071788	--	--	--	--	--	--
#1	5844	--	--	--	--	--	--
#2	5878	--	--	--	--	--	--

Analysis Report 06/23/06 09:34:08 PM page 1

Method: TRACE1 Sample Name: AD636956 Operator: SW
Run Time: 06/23/06 21:29:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06571	-.00124	.02995	.06746	.00049	67.366	-.00005
SDev	.00420	.00137	.00009	.00028	.00005	.265	.00003
%RSD	6.3882	110.72	.30299	.41869	11.098	.39270	52.709
#1	.06274	-.00027	.02989	.06766	.00045	67.179	-.00003
#2	.06867	-.00221	.03002	.06726	.00052	67.554	-.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00025	-.00026	.00639	-.01413	2.7575	37.616	.00397
SDev	.00001	.00009	.00027	.00682	.0107	.138	.00008
%RSD	4.6314	33.554	4.1603	48.259	.38934	.36613	1.9498
#1	-.00026	-.00020	.00620	-.01895	2.7499	37.518	.00392
#2	-.00025	-.00033	.00657	-.00931	2.7650	37.713	.00403
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.9672	-.00051	-.00214	.00106	-.00001	.00286	-.00400
SDev	.0163	.00025	.00060	.00025	.00037	.00095	.00046
%RSD	.27388	49.375	28.016	23.722	7269.6	33.299	11.597
#1	5.9788	-.00033	-.00256	.00088	-.00026	.00219	-.00432
#2	5.9556	-.00069	-.00172	.00124	.00025	.00354	-.00367
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00068	.00464	.00011	-.00436	.00038	.01081	.00096
SDev	.00339	.00313	.00016	.00045	.00027	.00026	.00024
%RSD	495.59	67.402	139.34	10.232	70.731	2.4327	25.294
#1	.00171	.00243	.00023	-.00468	.00057	.01100	.00114
#2	-.00308	.00685	.00000	-.00405	.00019	.01063	.00079
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00119	.00077
SDev	.00047	.00022
%RSD	39.371	29.102
#1	.00086	.00092
#2	.00152	.00061
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5856	--	--	--	--	--	--
SDev	21.74353	--	--	--	--	--	--
%RSD	.3713177	--	--	--	--	--	--
#1	5871	--	--	--	--	--	--
#2	5840	--	--	--	--	--	--

Analysis Report 06/23/06 09:39:05 PM page 1

Method: TRACE1 Sample Name: AD636929/PB Operator: SW
Run Time: 06/23/06 21:34:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09629	-.00208	.00687	.00020	.00054	.10513	-.00020
SDev	.00103	.00134	.00147	.00005	.00005	.00236	.00017
%RSD	1.0736	64.416	21.376	22.493	8.7106	2.2480	84.414
#1	.09702	-.00302	.00791	.00023	.00057	.10680	-.00032
#2	.09556	-.00113	.00583	.00017	.00051	.10346	-.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00027	-.00022	-.00187	.00530	.01052	.01494	.00058
SDev	.00004	.00030	.00026	.00345	.02105	.00322	.00000
%RSD	16.376	133.73	13.990	65.127	200.18	21.559	.61064
#1	.00030	-.00001	-.00168	.00774	.02541	.01721	.00059
#2	.00024	-.00043	-.00205	.00286	-.00437	.01266	.00058
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24915	.00035	-.00421	-.00177	-.00258	.00274	-.00270
SDev	.04467	.00056	.00018	.00081	.00048	.00099	.00086
%RSD	17.928	160.68	4.2289	45.537	18.501	36.246	31.863
#1	.28074	.00075	-.00409	-.00234	-.00292	.00204	-.00209
#2	.21757	-.00005	-.00434	-.00120	-.00225	.00344	-.00330
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00670	.00076	.00036	-.00085	-.00000	.00174	.00025
SDev	.00245	.00026	.00001	.00071	.00027	.00123	.00078
%RSD	36.605	34.663	3.1034	83.932	7938.9	71.156	317.10
#1	.00496	.00057	.00035	-.00136	-.00020	.00261	.00080
#2	.00843	.00095	.00036	-.00035	.00019	.00086	-.00031
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00177	.00090
SDev	.00033	.00004
%RSD	18.758	4.5399
#1	.00201	.00087
#2	.00154	.00092
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5848	--	--	--	--	--	--
SDev	23.33452	--	--	--	--	--	--
%RSD	.3990444	--	--	--	--	--	--
#1	5831	--	--	--	--	--	--
#2	5864	--	--	--	--	--	--

Analysis Report 06/23/06 09:44:02 PM page 1

Method: TRACE1 Sample Name: AD636928/FB Operator: SW
Run Time: 06/23/06 21:39:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9366	.19742	.19045	.19506	.18933	9.8256	.20827
SDev	.0043	.00047	.00074	.00001	.00030	.0186	.00014
%RSD	.04375	.23816	.38629	.00476	.16123	.18960	.06871
#1	9.9335	.19775	.18993	.19505	.18954	9.8388	.20838
#2	9.9397	.19708	.19097	.19506	.18911	9.8125	.20817
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19382	.19669	.20160	9.9750	10.805	9.5466	.18852
SDev	.00026	.00060	.00043	.0195	.004	.0093	.00009
%RSD	.13426	.30602	.21146	.19533	.03962	.09740	.04806
#1	.19364	.19711	.20129	9.9888	10.801	9.5532	.18859
#2	.19401	.19626	.20190	9.9612	10.808	9.5400	.18846
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.8711	.20277	.19858	.19225	.19435	.20054	.20518
SDev	.0530	.00061	.00070	.00140	.00117	.00132	.00089
%RSD	.53685	.30110	.35410	.72999	.60210	.65842	.43519
#1	9.8336	.20234	.19808	.19125	.19353	.19960	.20455
#2	9.9086	.20321	.19907	.19324	.19518	.20147	.20581
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	11.500	.23000			.23000	.23000	.23000
Low	8.5000	.17000			.17000	.17000	.17000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20491	.19835	.19889	.21609	.19334	.18578	.19619
SDev	.00220	.00088	.00017	.00038	.00111	.00113	.00175
%RSD	1.0723	.44464	.08571	.17726	.57317	.61007	.89039
#1	.20336	.19773	.19901	.21582	.19412	.18658	.19743
#2	.20646	.19898	.19876	.21636	.19255	.18498	.19496
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.23000	.23000	.23000	.23000	.23000
Low			.17000	.17000	.17000	.17000	.17000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05115	.19073
SDev	.00017	.00247
%RSD	.33862	1.2947
#1	.05103	.18898
#2	.05128	.19247
Errors	LC Pass	NOCHECK
High	.05750	
Low	.04250	

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5804	--	--	--	--	--	--
SDev	20.89521	--	--	--	--	--	--
%RSD	.3600217	--	--	--	--	--	--
#1	5789	--	--	--	--	--	--
#2	5819	--	--	--	--	--	--

Analysis Report 06/23/06 09:48:59 PM page 1

Method: TRACE1 Sample Name: AD636906 Operator: SW
Run Time: 06/23/06 21:44:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09411	-.00065	.05533	.05530	.00063	75.303	.00008
SDev	.00199	.00096	.00065	.00001	.00001	.007	.00016
%RSD	2.1161	146.72	1.1750	.01606	1.0265	.00924	208.51
#1	.09270	.00002	.05579	.05530	.00064	75.308	-.00004
#2	.09551	-.00133	.05487	.05529	.00063	75.298	.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	15.000	50.000	10.000	5.0000	800.00	40.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00033	.00013	-.00068	.09037	5.3244	25.578	.18206
SDev	.00020	.00011	.00035	.01051	.0245	.005	.00024
%RSD	62.179	83.823	51.548	11.631	.45965	.02102	.13397
#1	.00048	.00021	-.00093	.08294	5.3417	25.582	.18224
#2	.00019	.00005	-.00043	.09781	5.3071	25.574	.18189
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	600.00	1000.0	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.4431	.00100	-.00204	.00040	-.00041	.00230	-.00225
SDev	.0554	.00086	.00090	.00068	.00015	.00335	.00027
%RSD	1.0170	86.605	44.018	170.39	36.830	145.87	11.869
#1	5.4039	.00039	-.00140	-.00008	-.00052	.00466	-.00244
#2	5.4822	.00161	-.00267	.00088	-.00031	-.00007	-.00206
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			60.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00117	.00286	.00112	-.00265	.00058	.00330	-.00009
SDev	.00476	.00264	.00032	.00082	.00000	.00031	.00130
%RSD	407.19	92.422	28.433	30.962	.02634	9.3386	1478.6
#1	.00454	.00473	.00089	-.00207	.00058	.00352	.00083
#2	-.00220	.00099	.00134	-.00322	.00058	.00308	-.00100
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	14.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00207	.00155
SDev	.00010	.00064
%RSD	4.6977	41.443
#1	.00200	.00200
#2	.00214	.00110
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5779	--	--	--	--	--	--
SDev	2.121320	--	--	--	--	--	--
%RSD	.0367052	--	--	--	--	--	--
#1	5781	--	--	--	--	--	--
#2	5778	--	--	--	--	--	--

Analysis Report QC Standard 06/23/06 09:55:22 PM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 06/23/06 21:50:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.737	.47839	.46536	.47632	.47286	24.899	.49967
SDev	.028	.00064	.00094	.00022	.00016	.014	.00030
%RSD	.11476	.13465	.20186	.04574	.03423	.05423	.05936
#1	24.757	.47885	.46602	.47647	.47274	24.889	.49946
#2	24.717	.47794	.46469	.47617	.47297	24.908	.49988
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48241	.48466	.50199	24.688	25.939	24.204	.48851
SDev	.00044	.00069	.00120	.003	.001	.002	.00017
%RSD	.09073	.14176	.23984	.01090	.00218	.00689	.03568
#1	.48210	.48418	.50285	24.690	25.939	24.205	.48863
#2	.48272	.48515	.50114	24.686	25.938	24.203	.48839
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.357	.49141	.49529	.47842	.48404	.49345	.51476
SDev	.136	.00007	.00205	.00281	.00119	.00112	.00219
%RSD	.55648	.01405	.41406	.58799	.24656	.22800	.42590
#1	24.453	.49136	.49674	.47643	.48319	.49424	.51321
#2	24.261	.49146	.49384	.48041	.48488	.49265	.51631
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50435	.48801	.50614	.53384	.48911	.46903	.47999
SDev	.00267	.00302	.00043	.00039	.00054	.00049	.00479
%RSD	.52975	.61956	.08409	.07351	.11005	.10469	.99892
#1	.50246	.49014	.50584	.53412	.48949	.46938	.47660
#2	.50624	.48587	.50644	.53356	.48873	.46869	.48338
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.48241	.47654
SDev	.00008	.00040
%RSD	.01568	.08422
#1	.48235	.47625
#2	.48246	.47682
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5770	--	--	--	--	--	--
SDev	7.954951	--	--	--	--	--	--
%RSD	.1378573	--	--	--	--	--	--
#1	5765	--	--	--	--	--	--
#2	5776	--	--	--	--	--	--

Analysis Report Blank Sample 06/23/06 10:00:20 PM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 06/23/06 21:55:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06563	.00021	.00063	-.00001	.00061	-.00422	-.00002
SDev	.00264	.00165	.00050	.00003	.00001	.00030	.00004
%RSD	4.0203	781.78	79.063	357.30	2.2945	7.1210	225.93
#1	.06749	-.00096	.00028	.00001	.00062	-.00443	.00001
#2	.06376	.00138	.00098	-.00003	.00060	-.00401	-.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00027	-.00018	-.00151	-.00523	.01720	.00446	.00000
SDev	.00010	.00007	.00060	.00614	.01338	.00280	.00003
%RSD	34.848	41.124	39.446	117.43	77.796	62.622	1390.6
#1	.00021	-.00023	-.00109	-.00957	.02666	.00249	-.00002
#2	.00034	-.00013	-.00193	-.00089	.00774	.00644	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04344	.00017	-.00179	-.00050	-.00093	-.00121	-.00369
SDev	.12119	.00052	.00136	.00095	.00018	.00026	.00087
%RSD	278.96	310.64	75.886	190.17	19.698	21.183	23.534
#1	-.04225	.00053	-.00083	-.00118	-.00106	-.00140	-.00308
#2	.12913	-.00020	-.00275	.00017	-.00080	-.00103	-.00431
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00037	-.00164	.00012	.00079	-.00019	-.00032	.00084
SDev	.00460	.00192	.00002	.00067	.00028	.00047	.00104
%RSD	1249.7	117.07	17.238	85.116	142.19	146.40	123.40
#1	-.00362	-.00028	.00010	.00126	.00000	.00001	.00011
#2	.00289	-.00299	.00013	.00031	-.00039	-.00065	.00158
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00164	.00092
SDev	.00012	.00125
%RSD	7.0792	136.22
#1	.00172	.00180
#2	.00156	.00003
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5748	--	--	--	--	--	--
SDev	3.924304	--	--	--	--	--	--
%RSD	.0682734	--	--	--	--	--	--
#1	5745	--	--	--	--	--	--
#2	5751	--	--	--	--	--	--

Analysis Report 07/05/06 07:38:26 AM page 1

STL Buffalo Analyst: AK Date: 7-5-06 Secondary Review: GF Date: 7/5/06
Spikes: 5-MDL-18, 1-MDL-5, 7-107-E, 7-134-F, 2-MDL-17
Pippettes: 05-12-06-(1-14)

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	STD BLK 7-149-A	A070306	TRACE2	07/03/06	11:22		X	IR
2	STD 1 8-003-C	A070306	TRACE2	07/03/06	11:27		X	IR
3	STD 2 8-003-D	A070306	TRACE2	07/03/06	11:31		X	IR
4	STD 3 8-003-B	A070306	TRACE2	07/03/06	11:36		X	IR
5	STD 3 VER ↓	A070306	TRACE2	07/03/06	11:41	SW	B	CONC
6	ICV 8-005-E	A070306	TRACE2	07/03/06	11:50	SW	Q	CONC
7	ICB 7-149-A	A070306	TRACE2	07/03/06	11:55	SW	B	CONC
8	CRI 7-148-A	A070306	TRACE2	07/03/06	12:00	SW	B	CONC
9	ICSA 7-144-B	A070306	TRACE2	07/03/06	12:05	SW	Q	CONC
10	ICSAB 7-150-C	A070306	TRACE2	07/03/06	12:10	SW	Q	CONC
11	CCV 8-003-F	A070306	TRACE2	07/03/06	12:16	SW	Q	CONC
12	CCB 7-149-A	A070306	TRACE2	07/03/06	12:43	SW	B	CONC
13	AD638184/PB	A070306	TRACE2	07/03/06	12:48	SW	S	CONC
14	AD638183/FB	A070306	TRACE2	07/03/06	12:52	SW	S	CONC
15	AD638174 7384	A070306	TRACE2	07/03/06	12:57	SW	S	CONC
16	AD638175	A070306	TRACE2	07/03/06	13:02	SW	S	CONC
17	AD638175/L (1:5)	A070306	TRACE2	07/03/06	13:07	SW	S	CONC
18	AD638175/PS	A070306	TRACE2	07/03/06	13:12	SW	S	CONC
19	AD638176/MS	A070306	TRACE2	07/03/06	13:17	SW	S	CONC
20	AD638177/SD	A070306	TRACE2	07/03/06	13:22	SW	S	CONC
21	AD638178	A070306	TRACE2	07/03/06	13:26	SW	S	CONC
22	AD638179	A070306	TRACE2	07/03/06	13:31	SW	S	CONC
23	CCV	A070306	TRACE2	07/03/06	13:38	SW	Q	CONC
24	CCB	A070306	TRACE2	07/03/06	13:42	SW	B	CONC
25	AD638182 7437	A070306	TRACE2	07/03/06	13:47	SW	S	CONC
26	AD638241/PB	A070306	TRACE2	07/03/06	13:52	SW	S	CONC
27	AD638240/FB	A070306	TRACE2	07/03/06	13:57	SW	S	CONC
28	AD638222 7339	A070306	TRACE2	07/03/06	14:02	SW	S	CONC
29	AD638225 7392	A070306	TRACE2	07/03/06	14:07	SW	S	CONC
30	AD638228 7416	A070306	TRACE2	07/03/06	14:12	SW	S	CONC
31	AD638231 7425	A070306	TRACE2	07/03/06	14:16	SW	S	CONC
32	AD638232	A070306	TRACE2	07/03/06	14:21	SW	S	CONC
33	AD638232/(1:5)	A070306	TRACE2	07/03/06	14:26	SW	S	CONC
34	AD638233 7437	A070306	TRACE2	07/03/06	14:31	SW	S	CONC
35	CCV	A070306	TRACE2	07/03/06	14:37	SW	Q	CONC
36	CCB	A070306	TRACE2	07/03/06	14:42	SW	B	CONC
37	AD638234 7438	A070306	TRACE2	07/03/06	14:47	SW	S	CONC
38	AD638234/L (1:5)	A070306	TRACE2	07/03/06	15:01	SW	S	CONC
39	AD368234/PS	A070306	TRACE2	07/03/06	15:06	SW	S	CONC
40	AD638235/MS	A070306	TRACE2	07/03/06	15:11	SW	S	CONC
41	AD638236/SD	A070306	TRACE2	07/03/06	15:16	SW	S	CONC
42	AD638237	A070306	TRACE2	07/03/06	15:21	SW	S	CONC
43	AD638238	A070306	TRACE2	07/03/06	15:25	SW	S	CONC
44	AD638239	A070306	TRACE2	07/03/06	15:30	SW	S	CONC
45	AD638204/PB	A070306	TRACE2	07/03/06	15:35	SW	S	CONC
46	AD638203/FB	A070306	TRACE2	07/03/06	15:45	SW	S	CONC
47	CCV	A070306	TRACE2	07/03/06	15:51	SW	Q	CONC
48	CCB	A070306	TRACE2	07/03/06	15:56	SW	B	CONC
49	AD638194 7430	A070306	TRACE2	07/03/06	16:01	SW	S	CONC
50	AD638195	A070306	TRACE2	07/03/06	16:06	SW	S	CONC

Analysis Report Summary 07/05/06 07:38:26 AM page 2

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
51	AD638196 7430	A070306	TRACE2	07/03/06	16:10	SW	S	CONC
52	AD638197	A070306	TRACE2	07/03/06	16:15	SW	S	CONC
53	AD638198	A070306	TRACE2	07/03/06	16:20	SW	S	CONC
54	AD638199	A070306	TRACE2	07/03/06	16:25	SW	S	CONC
55	AD638258 7432	A070306	TRACE2	07/03/06	16:30	SW	S	CONC
56	AD638259	A070306	TRACE2	07/03/06	16:35	SW	S	CONC
57	AD638221/PB	A070306	TRACE2	07/03/06	16:40	SW	S	CONC
58	AD638220/FB	A070306	TRACE2	07/03/06	16:44	SW	S	CONC
59	CCV	A070306	TRACE2	07/03/06	16:51	SW	Q	CONC
60	CCB	A070306	TRACE2	07/03/06	16:56	SW	B	CONC
61	AD638205 7358	A070306	TRACE2	07/03/06	17:00	SW	S	CONC
62	AD638205/L (1:5)	A070306	TRACE2	07/03/06	17:05	SW	S	CONC
63	AD638205/PS	A070306	TRACE2	07/03/06	17:10	SW	S	CONC
64	AD638206/MD	A070306	TRACE2	07/03/06	17:15	SW	S	CONC
65	AD638207/MS	A070306	TRACE2	07/03/06	17:20	SW	S	CONC
66	AD638208/SD	A070306	TRACE2	07/03/06	17:25	SW	S	CONC
67	AD638209 7359	A070306	TRACE2	07/03/06	17:30	SW	S	CONC
68	AD638210	A070306	TRACE2	07/03/06	17:34	SW	S	CONC
69	AD638211 7408	A070306	TRACE2	07/03/06	17:39	SW	S	CONC
70	AD638212	A070306	TRACE2	07/03/06	17:44	SW	S	CONC
71	CCV	A070306	TRACE2	07/03/06	17:50	SW	Q	CONC
72	CCB	A070306	TRACE2	07/03/06	17:55	SW	B	CONC
73	AD638213	A070306	TRACE2	07/03/06	18:00	SW	S	CONC
74	AD638214 7409	A070306	TRACE2	07/03/06	18:05	SW	S	CONC
75	AD638215	A070306	TRACE2	07/03/06	18:10	SW	S	CONC
76	AD638216	A070306	TRACE2	07/03/06	18:15	SW	S	CONC
77	AD638217	A070306	TRACE2	07/03/06	18:20	SW	S	CONC
78	AD638218	A070306	TRACE2	07/03/06	18:24	SW	S	CONC
79	AD638219 7410	A070306	TRACE2	07/03/06	18:29	SW	S	CONC
80	CRI	A070306	TRACE2	07/03/06	18:40	SW	B	CONC
81	ICSA	A070306	TRACE2	07/03/06	18:45	SW	Q	CONC
82	ICSAB	A070306	TRACE2	07/03/06	18:50	SW	Q	CONC
83	CCV	A070306	TRACE2	07/03/06	18:56	SW	Q	CONC
84	CCB	A070306	TRACE2	07/03/06	19:01	SW	B	CONC
85	STD BLK	A070306	TRACE2	07/03/06	19:11		X	IR
86	STD 1	A070306	TRACE2	07/03/06	19:15		X	IR
87	STD 2	A070306	TRACE2	07/03/06	19:20		X	IR
88	STD 3	A070306	TRACE2	07/03/06	19:24		X	IR
89	STD 3 VER	A070306	TRACE2	07/03/06	19:29	SW	B	CONC
90	ICV	A070306	TRACE2	07/03/06	19:34	SW	Q	CONC
91	ICB	A070306	TRACE2	07/03/06	19:39	SW	B	CONC
92	CRI	A070306	TRACE2	07/03/06	19:44	SW	B	CONC
93	ICSA	A070306	TRACE2	07/03/06	19:49	SW	Q	CONC
94	ICSAB	A070306	TRACE2	07/03/06	19:53	SW	Q	CONC
95	CCV	A070306	TRACE2	07/03/06	20:00	SW	Q	CONC
96	CCB	A070306	TRACE2	07/03/06	20:05	SW	B	CONC
97	AD638208/(1:5) 7358	A070306	TRACE2	07/03/06	20:09	SW	S	CONC
98	AD638209/(1:10) 7359	A070306	TRACE2	07/03/06	20:14	SW	S	CONC
99	AD638210/(1:10)	A070306	TRACE2	07/03/06	20:19	SW	S	CONC
100	AD638213/(1:5) 7408	A070306	TRACE2	07/03/06	20:24	SW	S	CONC
101	AD638215/(1:20) 7409	A070306	TRACE2	07/03/06	20:29	SW	S	CONC
102	AD638217/(1:5)	A070306	TRACE2	07/03/06	20:34	SW	S	CONC
103	AD638218/(1:10)	A070306	TRACE2	07/03/06	20:39	SW	S	CONC
104	AD638218/(1:50)	A070306	TRACE2	07/03/06	20:44	SW	S	CONC

Analysis Report Summary 07/05/06 07:38:26 AM page 3

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
105	AD638456/PB	A070306	TRACE2	07/03/06	20:48	SW	S	CONC
106	AD638455/FB	A070306	TRACE2	07/03/06	20:53	SW	S	CONC
107	CCV	A070306	TRACE2	07/03/06	21:00	SW	Q	CONC
108	CCB	A070306	TRACE2	07/03/06	21:04	SW	B	CONC
109	AD638439 7420	A070306	TRACE2	07/03/06	21:09	SW	S	CONC
110	AD638440 7444	A070306	TRACE2	07/03/06	21:14	SW	S	CONC
111	AD638441 7445	A070306	TRACE2	07/03/06	21:19	SW	S	CONC
112	AD638442 7451	A070306	TRACE2	07/03/06	21:24	SW	S	CONC
113	AD638443	A070306	TRACE2	07/03/06	21:29	SW	S	CONC
114	AD638444	A070306	TRACE2	07/03/06	21:34	SW	S	CONC
115	AD638444/L (1:5)	A070306	TRACE2	07/03/06	21:39	SW	S	CONC
116	CRI	A070306	TRACE2	07/03/06	21:48	SW	B	CONC
117	ICSA	A070306	TRACE2	07/03/06	21:52	SW	Q	CONC
118	ICSAB	A070306	TRACE2	07/03/06	21:57	SW	Q	CONC
119	CCV	A070306	TRACE2	07/03/06	22:04	SW	Q	CONC
120	CCB	A070306	TRACE2	07/03/06	22:08	SW	B	CONC
121	AD638444/PS	A070306	TRACE2	07/03/06	22:13	SW	S	CONC
122	AD638445/MS	A070306	TRACE2	07/03/06	22:18	SW	S	CONC
123	AD638446/SD	A070306	TRACE2	07/03/06	22:23	SW	S	CONC
124	AD638447	A070306	TRACE2	07/03/06	22:28	SW	S	CONC
125	AD638448 7458	A070306	TRACE2	07/03/06	22:33	SW	S	CONC
126	AD638449	A070306	TRACE2	07/03/06	22:38	SW	S	CONC
127	AD638450 7463	A070306	TRACE2	07/03/06	22:43	SW	S	CONC
128	AD638451 7469	A070306	TRACE2	07/03/06	22:47	SW	S	CONC
129	AD638452 7472	A070306	TRACE2	07/03/06	22:52	SW	S	CONC
130	AD638453 7475	A070306	TRACE2	07/03/06	22:57	SW	S	CONC
131	CCV	A070306	TRACE2	07/03/06	23:04	SW	Q	CONC
132	CCB	A070306	TRACE2	07/03/06	23:08	SW	B	CONC
133	AD638454	A070306	TRACE2	07/03/06	23:13	SW	S	CONC
134	AD638487 7486	A070306	TRACE2	07/03/06	23:18	SW	S	CONC
135	AD638488	A070306	TRACE2	07/03/06	23:23	SW	S	CONC
136	AD638695/PB	A070306	TRACE2	07/03/06	23:28	SW	S	CONC
137	AD638694/LCS	A070306	TRACE2	07/03/06	23:33	SW	S	CONC
138	AD638690 7333	A070306	TRACE2	07/03/06	23:38	SW	S	CONC
139	AD638690/L (1:5)	A070306	TRACE2	07/03/06	23:43	SW	S	CONC
140	AD638690/PS	A070306	TRACE2	07/03/06	23:47	SW	S	CONC
141	AD638691 7478	A070306	TRACE2	07/03/06	23:52	SW	S	CONC
142	AD638691/L (1:5)	A070306	TRACE2	07/03/06	23:57	SW	S	CONC
143	CCV	A070306	TRACE2	07/04/06	00:04	SW	Q	CONC
144	CCB	A070306	TRACE2	07/04/06	00:08	SW	B	CONC
145	AD638691/PS	A070306	TRACE2	07/04/06	00:13	SW	S	CONC
146	AD638692/MS	A070306	TRACE2	07/04/06	00:18	SW	S	CONC
147	AD638693/SD	A070306	TRACE2	07/04/06	00:23	SW	S	CONC
148	AD638462/PB	A070306	TRACE2	07/04/06	00:28	SW	S	CONC
149	AD638461/LCS	A070306	TRACE2	07/04/06	00:33	SW	S	CONC
150	AD638460/EBLK	A070306	TRACE2	07/04/06	00:38	SW	S	CONC
151	AD638457 7440	A070306	TRACE2	07/04/06	00:43	SW	S	CONC
152	AD638457/L (1:5)	A070306	TRACE2	07/04/06	00:47	SW	S	CONC
153	AD638457/PS	A070306	TRACE2	07/04/06	00:52	SW	S	CONC
154	AD638458/MS	A070306	TRACE2	07/04/06	00:57	SW	S	CONC
155	CCV	A070306	TRACE2	07/04/06	01:04	SW	Q	CONC
156	CCB	A070306	TRACE2	07/04/06	01:08	SW	B	CONC
157	AD638459/SD	A070306	TRACE2	07/04/06	01:13	SW	S	CONC
158	AD635966 6915	A070306	TRACE2	07/04/06	01:20	SW	S	CONC

Analysis Report Summary 07/05/06 07:38:26 AM page 4

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
159	A6691508/TOT	A070306	TRACE2	07/04/06	01:25	SW	S	CONC
160	AD636749 7101	A070306	TRACE2	07/04/06	01:31	SW	S	CONC
161	A6710101/TOT	A070306	TRACE2	07/04/06	01:36	SW	S	CONC
162	AD636750	A070306	TRACE2	07/04/06	01:42	SW	S	CONC
163	A6710102/TOT	A070306	TRACE2	07/04/06	01:47	SW	S	CONC
164	AD636751	A070306	TRACE2	07/04/06	01:53	SW	S	CONC
165	A6710103/TOT	A070306	TRACE2	07/04/06	01:58	SW	S	CONC
166	AD636752	A070306	TRACE2	07/04/06	02:04	SW	S	CONC
167	CCV	A070306	TRACE2	07/04/06	02:12	SW	Q	CONC
168	CCB	A070306	TRACE2	07/04/06	02:17	SW	B	CONC
169	A6710104/TOT	A070306	TRACE2	07/04/06	02:22	SW	S	CONC
170	AD636753	A070306	TRACE2	07/04/06	02:28	SW	S	CONC
171	A6710105/TOT	A070306	TRACE2	07/04/06	02:33	SW	S	CONC
172	CCV	A070306	TRACE2	07/04/06	02:41	SW	Q	CONC
173	CCB	A070306	TRACE2	07/04/06	02:46	SW	B	CONC

Curvefit Fit Status Summary 07/03/06 11:18:38 AM page 1

Method: TRACE2
Mode: Concentration
Standards Table: NAKCAMG
Data File: AJUL0306

Element	Wavelength	Date-of-Fit	Type-of-Fit	Correlation
Ca3179	317.933	07/03/06 11:13	Full Fit	.999992
K_7664	766.491	07/03/06 11:13	Full Fit	.999954
Mg2790	279.078	07/03/06 11:14	Full Fit	.999994
Na3302	330.232	07/03/06 11:14	Full Fit	.999898

Calibration Report 07/03/06 10:41:21 AM page 1

Method: TRACE2 Standard Name: STD BLK Operator:
Run Time: 07/03/06 10:38:26
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	.0344627	-.036596	.0000000	.0106733
SDev	.0004614	.003850	.0000000	.0021472
%RSD	1.338853	10.51975	.0000000	20.11748
#1	.0347890	-.033873	.0000000	.0091550
#2	.0341364	-.039318	.0000000	.0121916
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3279	--	--	--	--	--	--
SDev	2.863817	--	--	--	--	--	--
%RSD	.0873401	--	--	--	--	--	--
#1	3277	--	--	--	--	--	--
#2	3281	--	--	--	--	--	--

Calibration Report 07/03/06 10:46:35 AM page 1

Method: TRACE2 Standard Name: STD 1 Operator:
Run Time: 07/03/06 10:43:40
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	5.844689	7.884703	11.61444	.3555748
SDev	.009214	.048078	.01854	.0060760
%RSD	.1576412	.6097642	.1595989	1.708775
#1	5.851204	7.918699	11.62755	.3598711
#2	5.838174	7.850706	11.60134	.3512784
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3269	--	--	--	--	--	--
SDev	14.10675	--	--	--	--	--	--
%RSD	.4314682	--	--	--	--	--	--
#1	3260	--	--	--	--	--	--
#2	3279	--	--	--	--	--	--

Calibration Report 07/03/06 10:52:34 AM page 1

Method: TRACE2 Standard Name: STD 2 Operator:
Run Time: 07/03/06 10:49:39
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	28.59180	37.97916	57.94985	1.668861
SDev	.00439	.00512	.08909	.009460
%RSD	.0153494	.0134731	.1537312	.5668352
#1	28.59490	37.98278	58.01284	1.675550
#2	28.58869	37.97554	57.88686	1.662172
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3301	--	--	--	--	--	--
SDev	11.93243	--	--	--	--	--	--
%RSD	.3614696	--	--	--	--	--	--
#1	3293	--	--	--	--	--	--
#2	3310	--	--	--	--	--	--

Calibration Report 07/03/06 10:59:55 AM page 1

Method: TRACE2 Standard Name: STD 3 Operator:
Run Time: 07/03/06 10:57:00
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	56.91817	72.28409	117.0670	3.429753
SDev	.02744	.04008	.1599	.010142
%RSD	.0482012	.0554451	.1365853	.2956931
#1	56.93757	72.25575	117.1801	3.436924
#2	56.89877	72.31242	116.9540	3.422582
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3318	--	--	--	--	--	--
SDev	9.811107	--	--	--	--	--	--
%RSD	.2956900	--	--	--	--	--	--
#1	3311	--	--	--	--	--	--
#2	3325	--	--	--	--	--	--

Calibration Report 07/03/06 11:05:29 AM page 1

Method: TRACE2 Standard Name: NAKCAMG100 Operator:
Run Time: 07/03/06 11:02:34
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	112.1613	135.0629	236.2956	7.066421
SDev	.0231	.1086	.1484	.003994
%RSD	.0206006	.0804129	.0628164	.0565185
#1	112.1450	134.9861	236.4006	7.063596
#2	112.1776	135.1397	236.1906	7.069244
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3288	--	--	--	--	--	--
SDev	3.659312	--	--	--	--	--	--
%RSD	.1113044	--	--	--	--	--	--
#1	3290	--	--	--	--	--	--
#2	3285	--	--	--	--	--	--

Calibration Report 07/03/06 11:12:19 AM page 1

Method: TRACE2 Standard Name: NAKCAMG400 Operator:
Run Time: 07/03/06 11:09:24
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	411.4849	425.2530	970.2967	30.47959
SDev	.5925	.2075	2.0954	.06203
%RSD	.1440011	.0487907	.2159572	.2035245
#1	411.9039	425.1064	971.7784	30.43572
#2	411.0659	425.3998	968.8151	30.52345
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3119	--	--	--	--	--	--
SDev	12.67492	--	--	--	--	--	--
%RSD	.4063403	--	--	--	--	--	--
#1	3110	--	--	--	--	--	--
#2	3128	--	--	--	--	--	--

Analysis Report Summary 07/05/06 07:39:37 AM page 1

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	A6691508/TOT	A070306	TRACE2	07/04/06	01:25	SW	S	CONC
2	A6691508/TOT	A070306	TRACE2	07/04/06	01:25	SW	S	CONC
3	A6710102/TOT	A070306	TRACE2	07/04/06	01:47	SW	S	CONC
4	A6710102/TOT	A070306	TRACE2	07/04/06	01:47	SW	S	CONC
5	A6710103/TOT	A070306	TRACE2	07/04/06	01:58	SW	S	CONC
6	A6710104/TOT	A070306	TRACE2	07/04/06	02:22	SW	S	CONC
7	AD638175/L (1:5)	A070306	TRACE2	07/03/06	13:07	SW	S	CONC
8	AD638175/L (1:5)	A070306	TRACE2	07/03/06	13:07	SW	S	CONC
9	AD638175/L (1:5)	A070306	TRACE2	07/03/06	13:07	SW	S	CONC
10	AD638175/L (1:5)	A070306	TRACE2	07/03/06	13:07	SW	S	CONC
11	AD638175/L (1:5)	A070306	TRACE2	07/03/06	13:07	SW	S	CONC
12	AD638175/L (1:5)	A070306	TRACE2	07/03/06	13:07	SW	S	CONC
13	AD638175/L (1:5)	A070306	TRACE2	07/03/06	13:07	SW	S	CONC
14	AD638175/L (1:5)	A070306	TRACE2	07/03/06	13:07	SW	S	CONC
15	AD638175/L (1:5)	A070306	TRACE2	07/03/06	13:07	SW	S	CONC
16	AD638175/L (1:5)	A070306	TRACE2	07/03/06	13:07	SW	S	CONC
17	AD638175/L (1:5)	A070306	TRACE2	07/03/06	13:07	SW	S	CONC
18	AD638175/L (1:5)	A070306	TRACE2	07/03/06	13:07	SW	S	CONC
19	AD636753	A070306	TRACE2	07/04/06	02:28	SW	S	CONC
20	AD636753	A070306	TRACE2	07/04/06	02:28	SW	S	CONC
21	AD636753	A070306	TRACE2	07/04/06	02:28	SW	S	CONC
22	AD636753	A070306	TRACE2	07/04/06	02:28	SW	S	CONC
23	AD638205	A070306	TRACE2	07/03/06	17:00	SW	S	CONC
24	AD638205	A070306	TRACE2	07/03/06	17:00	SW	S	CONC
25	AD638205	A070306	TRACE2	07/03/06	17:00	SW	S	CONC
26	AD638205	A070306	TRACE2	07/03/06	17:00	SW	S	CONC
27	AD638212	A070306	TRACE2	07/03/06	17:44	SW	S	CONC
28	AD638217/(1:5)	A070306	TRACE2	07/03/06	20:34	SW	S	CONC
29	AD638217/(1:5)	A070306	TRACE2	07/03/06	20:34	SW	S	CONC
30	AD638217/(1:5)	A070306	TRACE2	07/03/06	20:34	SW	S	CONC
31	AD638206/MD	A070306	TRACE2	07/03/06	17:15	SW	S	CONC
32	AD638206/MD	A070306	TRACE2	07/03/06	17:15	SW	S	CONC
33	AD638206/MD	A070306	TRACE2	07/03/06	17:15	SW	S	CONC
34	AD638206/MD	A070306	TRACE2	07/03/06	17:15	SW	S	CONC
35	AD638206/MD	A070306	TRACE2	07/03/06	17:15	SW	S	CONC
36	AD638206/MD	A070306	TRACE2	07/03/06	17:15	SW	S	CONC
37	AD638206/MD	A070306	TRACE2	07/03/06	17:15	SW	S	CONC
38	AD638206/MD	A070306	TRACE2	07/03/06	17:15	SW	S	CONC
39	AD638205/L (1:5)	A070306	TRACE2	07/03/06	17:05	SW	S	CONC
40	AD638205/L (1:5)	A070306	TRACE2	07/03/06	17:05	SW	S	CONC
41	AD638205/L (1:5)	A070306	TRACE2	07/03/06	17:05	SW	S	CONC
42	AD638205/L (1:5)	A070306	TRACE2	07/03/06	17:05	SW	S	CONC
43	AD638205/L (1:5)	A070306	TRACE2	07/03/06	17:05	SW	S	CONC
44	AD638205/L (1:5)	A070306	TRACE2	07/03/06	17:05	SW	S	CONC
45	AD638205/L (1:5)	A070306	TRACE2	07/03/06	17:05	SW	S	CONC
46	AD638218/(1:10)	A070306	TRACE2	07/03/06	20:39	SW	S	CONC
47	AD638218/(1:10)	A070306	TRACE2	07/03/06	20:39	SW	S	CONC
48	AD638218/(1:10)	A070306	TRACE2	07/03/06	20:39	SW	S	CONC
49	AD638218/(1:10)	A070306	TRACE2	07/03/06	20:39	SW	S	CONC
50	AD638205/PS	A070306	TRACE2	07/03/06	17:10	SW	S	CONC
51	AD638205/PS	A070306	TRACE2	07/03/06	17:10	SW	S	CONC
52	AD638205/PS	A070306	TRACE2	07/03/06	17:10	SW	S	CONC
53	AD638205/PS	A070306	TRACE2	07/03/06	17:10	SW	S	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
54	AD638205/PS	A070306	TRACE2	07/03/06	17:10	SW	S	CONC
55	AD638205/PS	A070306	TRACE2	07/03/06	17:10	SW	S	CONC
56	AD638205/PS	A070306	TRACE2	07/03/06	17:10	SW	S	CONC
57	AD638205/PS	A070306	TRACE2	07/03/06	17:10	SW	S	CONC
58	AD638205/PS	A070306	TRACE2	07/03/06	17:10	SW	S	CONC
59	AD638205/PS	A070306	TRACE2	07/03/06	17:10	SW	S	CONC
60	AD638205/PS	A070306	TRACE2	07/03/06	17:10	SW	S	CONC
61	AD638205/PS	A070306	TRACE2	07/03/06	17:10	SW	S	CONC
62	AD638205/PS	A070306	TRACE2	07/03/06	17:10	SW	S	CONC
63	AD638205/PS	A070306	TRACE2	07/03/06	17:10	SW	S	CONC
64	AD638205/PS	A070306	TRACE2	07/03/06	17:10	SW	S	CONC
65	AD638207/MS	A070306	TRACE2	07/03/06	17:20	SW	S	CONC
66	AD638207/MS	A070306	TRACE2	07/03/06	17:20	SW	S	CONC
67	AD638207/MS	A070306	TRACE2	07/03/06	17:20	SW	S	CONC
68	AD638218/(1:50)	A070306	TRACE2	07/03/06	20:44	SW	S	CONC
69	AD638218/(1:50)	A070306	TRACE2	07/03/06	20:44	SW	S	CONC
70	AD638441	A070306	TRACE2	07/03/06	21:19	SW	S	CONC
71	AD638444/L (1:5)	A070306	TRACE2	07/03/06	21:39	SW	S	CONC
72	AD638441	A070306	TRACE2	07/03/06	21:19	SW	S	CONC
73	AD638441	A070306	TRACE2	07/03/06	21:19	SW	S	CONC
74	AD638441	A070306	TRACE2	07/03/06	21:19	SW	S	CONC
75	AD638448	A070306	TRACE2	07/03/06	22:33	SW	S	CONC
76	AD638448	A070306	TRACE2	07/03/06	22:33	SW	S	CONC
77	AD638448	A070306	TRACE2	07/03/06	22:33	SW	S	CONC
78	AD638448	A070306	TRACE2	07/03/06	22:33	SW	S	CONC
79	AD638457	A070306	TRACE2	07/04/06	00:43	SW	S	CONC
80	AD638457	A070306	TRACE2	07/04/06	00:43	SW	S	CONC
81	AD638457	A070306	TRACE2	07/04/06	00:43	SW	S	CONC
82	AD638457	A070306	TRACE2	07/04/06	00:43	SW	S	CONC
83	AD638457	A070306	TRACE2	07/04/06	00:43	SW	S	CONC
84	AD638457	A070306	TRACE2	07/04/06	00:43	SW	S	CONC
85	AD638449	A070306	TRACE2	07/03/06	22:38	SW	S	CONC
86	AD638449	A070306	TRACE2	07/03/06	22:38	SW	S	CONC
87	AD638449	A070306	TRACE2	07/03/06	22:38	SW	S	CONC
88	AD638449	A070306	TRACE2	07/03/06	22:38	SW	S	CONC
89	AD638449	A070306	TRACE2	07/03/06	22:38	SW	S	CONC
90	AD638449	A070306	TRACE2	07/03/06	22:38	SW	S	CONC
91	AD638449	A070306	TRACE2	07/03/06	22:38	SW	S	CONC
92	AD638449	A070306	TRACE2	07/03/06	22:38	SW	S	CONC
93	AD638449	A070306	TRACE2	07/03/06	22:38	SW	S	CONC
94	AD638442	A070306	TRACE2	07/03/06	21:24	SW	S	CONC
95	AD638442	A070306	TRACE2	07/03/06	21:24	SW	S	CONC
96	AD638442	A070306	TRACE2	07/03/06	21:24	SW	S	CONC
97	AD638442	A070306	TRACE2	07/03/06	21:24	SW	S	CONC
98	AD638442	A070306	TRACE2	07/03/06	21:24	SW	S	CONC
99	AD638442	A070306	TRACE2	07/03/06	21:24	SW	S	CONC
100	AD638442	A070306	TRACE2	07/03/06	21:24	SW	S	CONC
101	AD638442	A070306	TRACE2	07/03/06	21:24	SW	S	CONC
102	AD638442	A070306	TRACE2	07/03/06	21:24	SW	S	CONC
103	AD638442	A070306	TRACE2	07/03/06	21:24	SW	S	CONC
104	AD638442	A070306	TRACE2	07/03/06	21:24	SW	S	CONC
105	AD638442	A070306	TRACE2	07/03/06	21:24	SW	S	CONC
106	AD638442	A070306	TRACE2	07/03/06	21:24	SW	S	CONC
107	AD638442	A070306	TRACE2	07/03/06	21:24	SW	S	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
108	AD638443	A070306	TRACE2	07/03/06	21:29	SW	S	CONC
109	AD638443	A070306	TRACE2	07/03/06	21:29	SW	S	CONC
110	AD638443	A070306	TRACE2	07/03/06	21:29	SW	S	CONC
111	AD638443	A070306	TRACE2	07/03/06	21:29	SW	S	CONC
112	AD638450	A070306	TRACE2	07/03/06	22:43	SW	S	CONC
113	AD638450	A070306	TRACE2	07/03/06	22:43	SW	S	CONC
114	AD638450	A070306	TRACE2	07/03/06	22:43	SW	S	CONC
115	AD638450	A070306	TRACE2	07/03/06	22:43	SW	S	CONC
116	AD638453	A070306	TRACE2	07/03/06	22:57	SW	S	CONC
117	AD638453	A070306	TRACE2	07/03/06	22:57	SW	S	CONC
118	AD638453	A070306	TRACE2	07/03/06	22:57	SW	S	CONC
119	AD638453	A070306	TRACE2	07/03/06	22:57	SW	S	CONC
120	AD638453	A070306	TRACE2	07/03/06	22:57	SW	S	CONC
121	AD638453	A070306	TRACE2	07/03/06	22:57	SW	S	CONC
122	AD638453	A070306	TRACE2	07/03/06	22:57	SW	S	CONC
123	AD638461/LCS	A070306	TRACE2	07/04/06	00:33	SW	S	CONC
124	AD638461/LCS	A070306	TRACE2	07/04/06	00:33	SW	S	CONC
125	AD638461/LCS	A070306	TRACE2	07/04/06	00:33	SW	S	CONC
126	AD638695/PB	A070306	TRACE2	07/03/06	23:28	SW	S	CONC
127	AD638695/PB	A070306	TRACE2	07/03/06	23:28	SW	S	CONC
128	AD638695/PB	A070306	TRACE2	07/03/06	23:28	SW	S	CONC
129	AD638695/PB	A070306	TRACE2	07/03/06	23:28	SW	S	CONC
130	AD638462/PB	A070306	TRACE2	07/04/06	00:28	SW	S	CONC
131	AD638462/PB	A070306	TRACE2	07/04/06	00:28	SW	S	CONC
132	AD638462/PB	A070306	TRACE2	07/04/06	00:28	SW	S	CONC
133	AD638462/PB	A070306	TRACE2	07/04/06	00:28	SW	S	CONC
134	AD638457/L (1:5)	A070306	TRACE2	07/04/06	00:47	SW	S	CONC
135	AD638457/L (1:5)	A070306	TRACE2	07/04/06	00:47	SW	S	CONC
136	AD638457/L (1:5)	A070306	TRACE2	07/04/06	00:47	SW	S	CONC
137	AD638457/L (1:5)	A070306	TRACE2	07/04/06	00:47	SW	S	CONC
138	AD638457/L (1:5)	A070306	TRACE2	07/04/06	00:47	SW	S	CONC
139	AD638457/L (1:5)	A070306	TRACE2	07/04/06	00:47	SW	S	CONC
140	AD638457/L (1:5)	A070306	TRACE2	07/04/06	00:47	SW	S	CONC
141	AD638457/PS	A070306	TRACE2	07/04/06	00:52	SW	S	CONC
142	AD638457/PS	A070306	TRACE2	07/04/06	00:52	SW	S	CONC
143	AD638457/PS	A070306	TRACE2	07/04/06	00:52	SW	S	CONC
144	AD638457/PS	A070306	TRACE2	07/04/06	00:52	SW	S	CONC
145	AD638457/PS	A070306	TRACE2	07/04/06	00:52	SW	S	CONC
146	AD638457/PS	A070306	TRACE2	07/04/06	00:52	SW	S	CONC
147	AD638457/PS	A070306	TRACE2	07/04/06	00:52	SW	S	CONC
148	AD638457/PS	A070306	TRACE2	07/04/06	00:52	SW	S	CONC
149	AD638457/PS	A070306	TRACE2	07/04/06	00:52	SW	S	CONC
150	AD638457/PS	A070306	TRACE2	07/04/06	00:52	SW	S	CONC
151	AD638457/PS	A070306	TRACE2	07/04/06	00:52	SW	S	CONC
152	AD638457/PS	A070306	TRACE2	07/04/06	00:52	SW	S	CONC
153	AD638457/PS	A070306	TRACE2	07/04/06	00:52	SW	S	CONC
154	AD638458/MS	A070306	TRACE2	07/04/06	00:57	SW	S	CONC
155	AD638458/MS	A070306	TRACE2	07/04/06	00:57	SW	S	CONC
156	AD638458/MS	A070306	TRACE2	07/04/06	00:57	SW	S	CONC
157	AD638458/MS	A070306	TRACE2	07/04/06	00:57	SW	S	CONC
158	AD638458/MS	A070306	TRACE2	07/04/06	00:57	SW	S	CONC
159	AD638458/MS	A070306	TRACE2	07/04/06	00:57	SW	S	CONC
160	AD638458/MS	A070306	TRACE2	07/04/06	00:57	SW	S	CONC
161	AD638458/MS	A070306	TRACE2	07/04/06	00:57	SW	S	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
162	AD638458/MS	A070306	TRACE2	07/04/06	00:57	SW	S	CONC
163	AD638458/MS	A070306	TRACE2	07/04/06	00:57	SW	S	CONC
164	AD638458/MS	A070306	TRACE2	07/04/06	00:57	SW	S	CONC
165	AD638458/MS	A070306	TRACE2	07/04/06	00:57	SW	S	CONC
166	AD638458/MS	A070306	TRACE2	07/04/06	00:57	SW	S	CONC
167	AD638458/MS	A070306	TRACE2	07/04/06	00:57	SW	S	CONC
168	AD638458/MS	A070306	TRACE2	07/04/06	00:57	SW	S	CONC
169	AD638458/MS	A070306	TRACE2	07/04/06	00:57	SW	S	CONC
170	AD638458/MS	A070306	TRACE2	07/04/06	00:57	SW	S	CONC
171	AD638458/MS	A070306	TRACE2	07/04/06	00:57	SW	S	CONC
172	AD638458/MS	A070306	TRACE2	07/04/06	00:57	SW	S	CONC
173	AD638458/MS	A070306	TRACE2	07/04/06	00:57	SW	S	CONC

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
1	A6691508/TOT	.14600	.01039	.02388	.56561	.00060	188.03
2	A6691508/TOT	.14600	.01039	.02388	.56561	.00060	188.03
3	A6710102/TOT	-.00805	.00793	.00963	.01085	.00014	71.304
4	A6710102/TOT	-.00805	.00793	.00963	.01085	.00014	71.304
5	A6710103/TOT	.30864	.02439	.02514	.08053	.00015	60.372
6	A6710104/TOT	-.01506	.00903	.01359	.06434	.00015	88.500
7	AD638175/L (1:5)	.07324	.00396	.00662	.03094	.00000	11.759
8	AD638175/L (1:5)	.07324	.00396	.00662	.03094	.00000	11.759
9	AD638175/L (1:5)	.07324	.00396	.00662	.03094	.00000	11.759
10	AD638175/L (1:5)	.07324	.00396	.00662	.03094	.00000	11.759
11	AD638175/L (1:5)	.07324	.00396	.00662	.03094	.00000	11.759
12	AD638175/L (1:5)	.07324	.00396	.00662	.03094	.00000	11.759
13	AD638175/L (1:5)	.07324	.00396	.00662	.03094	.00000	11.759
14	AD638175/L (1:5)	.07324	.00396	.00662	.03094	.00000	11.759
15	AD638175/L (1:5)	.07324	.00396	.00662	.03094	.00000	11.759
16	AD638175/L (1:5)	.07324	.00396	.00662	.03094	.00000	11.759
17	AD638175/L (1:5)	.07324	.00396	.00662	.03094	.00000	11.759
18	AD638175/L (1:5)	.07324	.00396	.00662	.03094	.00000	11.759
19	AD636753	.09850	-.00216	.00913	.08910	.00014	62.509
20	AD636753	.09850	-.00216	.00913	.08910	.00014	62.509
21	AD636753	.09850	-.00216	.00913	.08910	.00014	62.509
22	AD636753	.09850	-.00216	.00913	.08910	.00014	62.509
23	AD638205	3.5188	.00412	.56509	.02052	.00047	212.22
24	AD638205	3.5188	.00412	.56509	.02052	.00047	212.22
25	AD638205	3.5188	.00412	.56509	.02052	.00047	212.22
26	AD638205	3.5188	.00412	.56509	.02052	.00047	212.22
27	AD638212	.05674	-.00039	.32938	.02035	.00049	607.32
28	AD638217/(1:5)	.07028	-.00094	.24523	.00210	.00010	119.23
29	AD638217/(1:5)	.07028	-.00094	.24523	.00210	.00010	119.23
30	AD638217/(1:5)	.07028	-.00094	.24523	.00210	.00010	119.23
31	AD638206/MD	2.9789	.00332	.56223	.01889	.00049	212.63
32	AD638206/MD	2.9789	.00332	.56223	.01889	.00049	212.63
33	AD638206/MD	2.9789	.00332	.56223	.01889	.00049	212.63
34	AD638206/MD	2.9789	.00332	.56223	.01889	.00049	212.63
35	AD638206/MD	2.9789	.00332	.56223	.01889	.00049	212.63
36	AD638206/MD	2.9789	.00332	.56223	.01889	.00049	212.63
37	AD638206/MD	2.9789	.00332	.56223	.01889	.00049	212.63
38	AD638206/MD	2.9789	.00332	.56223	.01889	.00049	212.63
39	AD638205/L (1:5)	2.0608	.00236	.18022	.02272	.00020	45.336
40	AD638205/L (1:5)	2.0608	.00236	.18022	.02272	.00020	45.336
41	AD638205/L (1:5)	2.0608	.00236	.18022	.02272	.00020	45.336
42	AD638205/L (1:5)	2.0608	.00236	.18022	.02272	.00020	45.336
43	AD638205/L (1:5)	2.0608	.00236	.18022	.02272	.00020	45.336
44	AD638205/L (1:5)	2.0608	.00236	.18022	.02272	.00020	45.336
45	AD638205/L (1:5)	2.0608	.00236	.18022	.02272	.00020	45.336
46	AD638218/(1:10)	1.0531	.00057	.48782	.00708	.00047	479.21
47	AD638218/(1:10)	1.0531	.00057	.48782	.00708	.00047	479.21
48	AD638218/(1:10)	1.0531	.00057	.48782	.00708	.00047	479.21
49	AD638218/(1:10)	1.0531	.00057	.48782	.00708	.00047	479.21
50	AD638205/PS	13.584	.21917	.74219	.23230	.20518	217.78
51	AD638205/PS	13.584	.21917	.74219	.23230	.20518	217.78
52	AD638205/PS	13.584	.21917	.74219	.23230	.20518	217.78
53	AD638205/PS	13.584	.21917	.74219	.23230	.20518	217.78

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
54	AD638205/PS	13.584	.21917	.74219	.23230	.20518	217.78
55	AD638205/PS	13.584	.21917	.74219	.23230	.20518	217.78
56	AD638205/PS	13.584	.21917	.74219	.23230	.20518	217.78
57	AD638205/PS	13.584	.21917	.74219	.23230	.20518	217.78
58	AD638205/PS	13.584	.21917	.74219	.23230	.20518	217.78
59	AD638205/PS	13.584	.21917	.74219	.23230	.20518	217.78
60	AD638205/PS	13.584	.21917	.74219	.23230	.20518	217.78
61	AD638205/PS	13.584	.21917	.74219	.23230	.20518	217.78
62	AD638205/PS	13.584	.21917	.74219	.23230	.20518	217.78
63	AD638205/PS	13.584	.21917	.74219	.23230	.20518	217.78
64	AD638205/PS	13.584	.21917	.74219	.23230	.20518	217.78
65	AD638207/MS	3.7290	.04390	.46053	2.4234	.05780	200.70
66	AD638207/MS	3.7290	.04390	.46053	2.4234	.05780	200.70
67	AD638207/MS	3.7290	.04390	.46053	2.4234	.05780	200.70
68	AD638218/(1:50)	.26115	-.00154	.12564	.00184	.00011	97.662
69	AD638218/(1:50)	.26115	-.00154	.12564	.00184	.00011	97.662
70	AD638441	1.9148	.00440	.05899	.06156	.00015	58.085
71	AD638444/L (1:5)	.17629	-.00084	.01816	.00959	-.00001	6.3570
72	AD638441	1.9148	.00440	.05899	.06156	.00015	58.085
73	AD638441	1.9148	.00440	.05899	.06156	.00015	58.085
74	AD638441	1.9148	.00440	.05899	.06156	.00015	58.085
75	AD638448	.21970	-.00029	.03928	.03734	.00003	70.080
76	AD638448	.21970	-.00029	.03928	.03734	.00003	70.080
77	AD638448	.21970	-.00029	.03928	.03734	.00003	70.080
78	AD638448	.21970	-.00029	.03928	.03734	.00003	70.080
79	AD638457	.37280	.02394	.90026	.45213	.00075	H1375.2
80	AD638457	.37280	.02394	.90026	.45213	.00075	H1375.2
81	AD638457	.37280	.02394	.90026	.45213	.00075	H1375.2
82	AD638457	.37280	.02394	.90026	.45213	.00075	H1375.2
83	AD638457	.37280	.02394	.90026	.45213	.00075	H1375.2
84	AD638457	.37280	.02394	.90026	.45213	.00075	H1375.2
85	AD638449	.42282	.10384	.61681	.00627	.00010	98.187
86	AD638449	.42282	.10384	.61681	.00627	.00010	98.187
87	AD638449	.42282	.10384	.61681	.00627	.00010	98.187
88	AD638449	.42282	.10384	.61681	.00627	.00010	98.187
89	AD638449	.42282	.10384	.61681	.00627	.00010	98.187
90	AD638449	.42282	.10384	.61681	.00627	.00010	98.187
91	AD638449	.42282	.10384	.61681	.00627	.00010	98.187
92	AD638449	.42282	.10384	.61681	.00627	.00010	98.187
93	AD638449	.42282	.10384	.61681	.00627	.00010	98.187
94	AD638442	.68401	-.00021	.08193	.04359	-.00003	27.846
95	AD638442	.68401	-.00021	.08193	.04359	-.00003	27.846
96	AD638442	.68401	-.00021	.08193	.04359	-.00003	27.846
97	AD638442	.68401	-.00021	.08193	.04359	-.00003	27.846
98	AD638442	.68401	-.00021	.08193	.04359	-.00003	27.846
99	AD638442	.68401	-.00021	.08193	.04359	-.00003	27.846
100	AD638442	.68401	-.00021	.08193	.04359	-.00003	27.846
101	AD638442	.68401	-.00021	.08193	.04359	-.00003	27.846
102	AD638442	.68401	-.00021	.08193	.04359	-.00003	27.846
103	AD638442	.68401	-.00021	.08193	.04359	-.00003	27.846
104	AD638442	.68401	-.00021	.08193	.04359	-.00003	27.846
105	AD638442	.68401	-.00021	.08193	.04359	-.00003	27.846
106	AD638442	.68401	-.00021	.08193	.04359	-.00003	27.846
107	AD638442	.68401	-.00021	.08193	.04359	-.00003	27.846

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
108	AD638443	.68542	.00110	.08586	.04256	-.00001	29.000
109	AD638443	.68542	.00110	.08586	.04256	-.00001	29.000
110	AD638443	.68542	.00110	.08586	.04256	-.00001	29.000
111	AD638443	.68542	.00110	.08586	.04256	-.00001	29.000
112	AD638450	.47232	.10672	.61765	.00616	.00008	97.789
113	AD638450	.47232	.10672	.61765	.00616	.00008	97.789
114	AD638450	.47232	.10672	.61765	.00616	.00008	97.789
115	AD638450	.47232	.10672	.61765	.00616	.00008	97.789
116	AD638453	.03540	-.00071	.17387	.08094	.00011	170.48
117	AD638453	.03540	-.00071	.17387	.08094	.00011	170.48
118	AD638453	.03540	-.00071	.17387	.08094	.00011	170.48
119	AD638453	.03540	-.00071	.17387	.08094	.00011	170.48
120	AD638453	.03540	-.00071	.17387	.08094	.00011	170.48
121	AD638453	.03540	-.00071	.17387	.08094	.00011	170.48
122	AD638453	.03540	-.00071	.17387	.08094	.00011	170.48
123	AD638461/LCS	.03155	1.0336	.03184	.99460	.95440	.51125
124	AD638461/LCS	.03155	1.0336	.03184	.99460	.95440	.51125
125	AD638461/LCS	.03155	1.0336	.03184	.99460	.95440	.51125
126	AD638695/PB	.00596	-.00193	.00193	-.00005	-.00004	L-.12987
127	AD638695/PB	.00596	-.00193	.00193	-.00005	-.00004	L-.12987
128	AD638695/PB	.00596	-.00193	.00193	-.00005	-.00004	L-.12987
129	AD638695/PB	.00596	-.00193	.00193	-.00005	-.00004	L-.12987
130	AD638462/PB	.01632	.00054	.00487	.00019	.00007	L-.09990
131	AD638462/PB	.01632	.00054	.00487	.00019	.00007	L-.09990
132	AD638462/PB	.01632	.00054	.00487	.00019	.00007	L-.09990
133	AD638462/PB	.01632	.00054	.00487	.00019	.00007	L-.09990
134	AD638457/L (1:5)	.08080	.00436	.17666	.09139	.00015	217.13
135	AD638457/L (1:5)	.08080	.00436	.17666	.09139	.00015	217.13
136	AD638457/L (1:5)	.08080	.00436	.17666	.09139	.00015	217.13
137	AD638457/L (1:5)	.08080	.00436	.17666	.09139	.00015	217.13
138	AD638457/L (1:5)	.08080	.00436	.17666	.09139	.00015	217.13
139	AD638457/L (1:5)	.08080	.00436	.17666	.09139	.00015	217.13
140	AD638457/L (1:5)	.08080	.00436	.17666	.09139	.00015	217.13
141	AD638457/PS	.46967	1.0726	.89901	1.4529	.97177	H1376.8
142	AD638457/PS	.46967	1.0726	.89901	1.4529	.97177	H1376.8
143	AD638457/PS	.46967	1.0726	.89901	1.4529	.97177	H1376.8
144	AD638457/PS	.46967	1.0726	.89901	1.4529	.97177	H1376.8
145	AD638457/PS	.46967	1.0726	.89901	1.4529	.97177	H1376.8
146	AD638457/PS	.46967	1.0726	.89901	1.4529	.97177	H1376.8
147	AD638457/PS	.46967	1.0726	.89901	1.4529	.97177	H1376.8
148	AD638457/PS	.46967	1.0726	.89901	1.4529	.97177	H1376.8
149	AD638457/PS	.46967	1.0726	.89901	1.4529	.97177	H1376.8
150	AD638457/PS	.46967	1.0726	.89901	1.4529	.97177	H1376.8
151	AD638457/PS	.46967	1.0726	.89901	1.4529	.97177	H1376.8
152	AD638457/PS	.46967	1.0726	.89901	1.4529	.97177	H1376.8
153	AD638457/PS	.46967	1.0726	.89901	1.4529	.97177	H1376.8
154	AD638458/MS	.37491	1.0363	.87100	1.3881	.90602	H1286.3
155	AD638458/MS	.37491	1.0363	.87100	1.3881	.90602	H1286.3
156	AD638458/MS	.37491	1.0363	.87100	1.3881	.90602	H1286.3
157	AD638458/MS	.37491	1.0363	.87100	1.3881	.90602	H1286.3
158	AD638458/MS	.37491	1.0363	.87100	1.3881	.90602	H1286.3
159	AD638458/MS	.37491	1.0363	.87100	1.3881	.90602	H1286.3
160	AD638458/MS	.37491	1.0363	.87100	1.3881	.90602	H1286.3
161	AD638458/MS	.37491	1.0363	.87100	1.3881	.90602	H1286.3

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
162	AD638458/MS	.37491	1.0363	.87100	1.3881	.90602	H1286.3
163	AD638458/MS	.37491	1.0363	.87100	1.3881	.90602	H1286.3
164	AD638458/MS	.37491	1.0363	.87100	1.3881	.90602	H1286.3
165	AD638458/MS	.37491	1.0363	.87100	1.3881	.90602	H1286.3
166	AD638458/MS	.37491	1.0363	.87100	1.3881	.90602	H1286.3
167	AD638458/MS	.37491	1.0363	.87100	1.3881	.90602	H1286.3
168	AD638458/MS	.37491	1.0363	.87100	1.3881	.90602	H1286.3
169	AD638458/MS	.37491	1.0363	.87100	1.3881	.90602	H1286.3
170	AD638458/MS	.37491	1.0363	.87100	1.3881	.90602	H1286.3
171	AD638458/MS	.37491	1.0363	.87100	1.3881	.90602	H1286.3
172	AD638458/MS	.37491	1.0363	.87100	1.3881	.90602	H1286.3
173	AD638458/MS	.37491	1.0363	.87100	1.3881	.90602	H1286.3

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
1	A6691508/TOT	.00023	.00176	.00206	.00152	87.610	3.5819
2	A6691508/TOT	.00023	.00176	.00206	.00152	87.610	3.5819
3	A6710102/TOT	-.00040	.01051	-.00033	.00019	107.33	.37749
4	A6710102/TOT	-.00040	.01051	-.00033	.00019	107.33	.37749
5	A6710103/TOT	-.00017	.00547	.00065	.00308	112.09	1.9367
6	A6710104/TOT	.00023	.00363	-.00044	.00074	.52770	.75470
7	AD638175/L (1:5)	.00005	.00012	.00010	-.00206	.02754	.11200
8	AD638175/L (1:5)	.00005	.00012	.00010	-.00206	.02754	.11200
9	AD638175/L (1:5)	.00005	.00012	.00010	-.00206	.02754	.11200
10	AD638175/L (1:5)	.00005	.00012	.00010	-.00206	.02754	.11200
11	AD638175/L (1:5)	.00005	.00012	.00010	-.00206	.02754	.11200
12	AD638175/L (1:5)	.00005	.00012	.00010	-.00206	.02754	.11200
13	AD638175/L (1:5)	.00005	.00012	.00010	-.00206	.02754	.11200
14	AD638175/L (1:5)	.00005	.00012	.00010	-.00206	.02754	.11200
15	AD638175/L (1:5)	.00005	.00012	.00010	-.00206	.02754	.11200
16	AD638175/L (1:5)	.00005	.00012	.00010	-.00206	.02754	.11200
17	AD638175/L (1:5)	.00005	.00012	.00010	-.00206	.02754	.11200
18	AD638175/L (1:5)	.00005	.00012	.00010	-.00206	.02754	.11200
19	AD636753	-.00011	.00045	.00008	.00053	9.0837	.84766
20	AD636753	-.00011	.00045	.00008	.00053	9.0837	.84766
21	AD636753	-.00011	.00045	.00008	.00053	9.0837	.84766
22	AD636753	-.00011	.00045	.00008	.00053	9.0837	.84766
23	AD638205	.00065	.00219	.00482	.00956	3.8367	15.889
24	AD638205	.00065	.00219	.00482	.00956	3.8367	15.889
25	AD638205	.00065	.00219	.00482	.00956	3.8367	15.889
26	AD638205	.00065	.00219	.00482	.00956	3.8367	15.889
27	AD638212	.00016	.00021	.00008	-.00343	.04187	23.265
28	AD638217/(1:5)	.00001	.00004	.00168	.00048	.03905	8.0644
29	AD638217/(1:5)	.00001	.00004	.00168	.00048	.03905	8.0644
30	AD638217/(1:5)	.00001	.00004	.00168	.00048	.03905	8.0644
31	AD638206/MD	.00076	.00206	.00430	.00935	3.7267	15.626
32	AD638206/MD	.00076	.00206	.00430	.00935	3.7267	15.626
33	AD638206/MD	.00076	.00206	.00430	.00935	3.7267	15.626
34	AD638206/MD	.00076	.00206	.00430	.00935	3.7267	15.626
35	AD638206/MD	.00076	.00206	.00430	.00935	3.7267	15.626
36	AD638206/MD	.00076	.00206	.00430	.00935	3.7267	15.626
37	AD638206/MD	.00076	.00206	.00430	.00935	3.7267	15.626
38	AD638206/MD	.00076	.00206	.00430	.00935	3.7267	15.626

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
39	AD638205/L (1:5)	.00027	.00037	.00247	.00073	.86280	2.9336
40	AD638205/L (1:5)	.00027	.00037	.00247	.00073	.86280	2.9336
41	AD638205/L (1:5)	.00027	.00037	.00247	.00073	.86280	2.9336
42	AD638205/L (1:5)	.00027	.00037	.00247	.00073	.86280	2.9336
43	AD638205/L (1:5)	.00027	.00037	.00247	.00073	.86280	2.9336
44	AD638205/L (1:5)	.00027	.00037	.00247	.00073	.86280	2.9336
45	AD638205/L (1:5)	.00027	.00037	.00247	.00073	.86280	2.9336
46	AD638218/(1:10)	.00034	.00362	.37464	.00718	2.6733	42.601
47	AD638218/(1:10)	.00034	.00362	.37464	.00718	2.6733	42.601
48	AD638218/(1:10)	.00034	.00362	.37464	.00718	2.6733	42.601
49	AD638218/(1:10)	.00034	.00362	.37464	.00718	2.6733	42.601
50	AD638205/PS	.19839	.19783	.20334	.22749	13.773	27.181
51	AD638205/PS	.19839	.19783	.20334	.22749	13.773	27.181
52	AD638205/PS	.19839	.19783	.20334	.22749	13.773	27.181
53	AD638205/PS	.19839	.19783	.20334	.22749	13.773	27.181
54	AD638205/PS	.19839	.19783	.20334	.22749	13.773	27.181
55	AD638205/PS	.19839	.19783	.20334	.22749	13.773	27.181
56	AD638205/PS	.19839	.19783	.20334	.22749	13.773	27.181
57	AD638205/PS	.19839	.19783	.20334	.22749	13.773	27.181
58	AD638205/PS	.19839	.19783	.20334	.22749	13.773	27.181
59	AD638205/PS	.19839	.19783	.20334	.22749	13.773	27.181
60	AD638205/PS	.19839	.19783	.20334	.22749	13.773	27.181
61	AD638205/PS	.19839	.19783	.20334	.22749	13.773	27.181
62	AD638205/PS	.19839	.19783	.20334	.22749	13.773	27.181
63	AD638205/PS	.19839	.19783	.20334	.22749	13.773	27.181
64	AD638205/PS	.19839	.19783	.20334	.22749	13.773	27.181
65	AD638207/MS	.04910	.55972	.22393	.30788	3.3129	12.327
66	AD638207/MS	.04910	.55972	.22393	.30788	3.3129	12.327
67	AD638207/MS	.04910	.55972	.22393	.30788	3.3129	12.327
68	AD638218/(1:50)	.00001	.00047	.08028	.00192	.57616	6.8155
69	AD638218/(1:50)	.00001	.00047	.08028	.00192	.57616	6.8155
70	AD638441	.00005	.00112	.00193	.00675	1.4404	5.5086
71	AD638444/L (1:5)	.00004	.00043	.00057	.00308	.63365	1.4008
72	AD638441	.00005	.00112	.00193	.00675	1.4404	5.5086
73	AD638441	.00005	.00112	.00193	.00675	1.4404	5.5086
74	AD638441	.00005	.00112	.00193	.00675	1.4404	5.5086
75	AD638448	-.00012	-.00001	.00000	.00412	.27948	2.8553
76	AD638448	-.00012	-.00001	.00000	.00412	.27948	2.8553
77	AD638448	-.00012	-.00001	.00000	.00412	.27948	2.8553
78	AD638448	-.00012	-.00001	.00000	.00412	.27948	2.8553
79	AD638457	.00109	.00331	.00276	.01300	.39772	106.38
80	AD638457	.00109	.00331	.00276	.01300	.39772	106.38
81	AD638457	.00109	.00331	.00276	.01300	.39772	106.38
82	AD638457	.00109	.00331	.00276	.01300	.39772	106.38
83	AD638457	.00109	.00331	.00276	.01300	.39772	106.38
84	AD638457	.00109	.00331	.00276	.01300	.39772	106.38
85	AD638449	.00008	.00103	.00102	.00518	1.7597	.92888
86	AD638449	.00008	.00103	.00102	.00518	1.7597	.92888
87	AD638449	.00008	.00103	.00102	.00518	1.7597	.92888
88	AD638449	.00008	.00103	.00102	.00518	1.7597	.92888
89	AD638449	.00008	.00103	.00102	.00518	1.7597	.92888
90	AD638449	.00008	.00103	.00102	.00518	1.7597	.92888
91	AD638449	.00008	.00103	.00102	.00518	1.7597	.92888
92	AD638449	.00008	.00103	.00102	.00518	1.7597	.92888

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
93	AD638449	.00008	.00103	.00102	.00518	1.7597	.92888
94	AD638442	.00012	.00125	.00321	.01222	2.5273	7.1678
95	AD638442	.00012	.00125	.00321	.01222	2.5273	7.1678
96	AD638442	.00012	.00125	.00321	.01222	2.5273	7.1678
97	AD638442	.00012	.00125	.00321	.01222	2.5273	7.1678
98	AD638442	.00012	.00125	.00321	.01222	2.5273	7.1678
99	AD638442	.00012	.00125	.00321	.01222	2.5273	7.1678
100	AD638442	.00012	.00125	.00321	.01222	2.5273	7.1678
101	AD638442	.00012	.00125	.00321	.01222	2.5273	7.1678
102	AD638442	.00012	.00125	.00321	.01222	2.5273	7.1678
103	AD638442	.00012	.00125	.00321	.01222	2.5273	7.1678
104	AD638442	.00012	.00125	.00321	.01222	2.5273	7.1678
105	AD638442	.00012	.00125	.00321	.01222	2.5273	7.1678
106	AD638442	.00012	.00125	.00321	.01222	2.5273	7.1678
107	AD638442	.00012	.00125	.00321	.01222	2.5273	7.1678
108	AD638443	.00020	.00156	.00379	.01360	2.8099	7.6193
109	AD638443	.00020	.00156	.00379	.01360	2.8099	7.6193
110	AD638443	.00020	.00156	.00379	.01360	2.8099	7.6193
111	AD638443	.00020	.00156	.00379	.01360	2.8099	7.6193
112	AD638450	.00000	.00133	.00114	.00470	1.8491	.93137
113	AD638450	.00000	.00133	.00114	.00470	1.8491	.93137
114	AD638450	.00000	.00133	.00114	.00470	1.8491	.93137
115	AD638450	.00000	.00133	.00114	.00470	1.8491	.93137
116	AD638453	.00006	.00171	-.00018	.00229	.19085	5.2100
117	AD638453	.00006	.00171	-.00018	.00229	.19085	5.2100
118	AD638453	.00006	.00171	-.00018	.00229	.19085	5.2100
119	AD638453	.00006	.00171	-.00018	.00229	.19085	5.2100
120	AD638453	.00006	.00171	-.00018	.00229	.19085	5.2100
121	AD638453	.00006	.00171	-.00018	.00229	.19085	5.2100
122	AD638453	.00006	.00171	-.00018	.00229	.19085	5.2100
123	AD638461/LCS	.99807	.97173	.97008	1.0365	.07169	2.3402
124	AD638461/LCS	.99807	.97173	.97008	1.0365	.07169	2.3402
125	AD638461/LCS	.99807	.97173	.97008	1.0365	.07169	2.3402
126	AD638695/PB	-.00009	-.00023	-.00016	-.00020	-.00949	-.01490
127	AD638695/PB	-.00009	-.00023	-.00016	-.00020	-.00949	-.01490
128	AD638695/PB	-.00009	-.00023	-.00016	-.00020	-.00949	-.01490
129	AD638695/PB	-.00009	-.00023	-.00016	-.00020	-.00949	-.01490
130	AD638462/PB	.00003	-.00001	-.00018	.00022	-.00072	.00167
131	AD638462/PB	.00003	-.00001	-.00018	.00022	-.00072	.00167
132	AD638462/PB	.00003	-.00001	-.00018	.00022	-.00072	.00167
133	AD638462/PB	.00003	-.00001	-.00018	.00022	-.00072	.00167
134	AD638457/L (1:5)	.00016	.00056	.00031	.00278	.07412	17.888
135	AD638457/L (1:5)	.00016	.00056	.00031	.00278	.07412	17.888
136	AD638457/L (1:5)	.00016	.00056	.00031	.00278	.07412	17.888
137	AD638457/L (1:5)	.00016	.00056	.00031	.00278	.07412	17.888
138	AD638457/L (1:5)	.00016	.00056	.00031	.00278	.07412	17.888
139	AD638457/L (1:5)	.00016	.00056	.00031	.00278	.07412	17.888
140	AD638457/L (1:5)	.00016	.00056	.00031	.00278	.07412	17.888
141	AD638457/PS	.95965	.96843	.96011	1.0637	.48293	106.80
142	AD638457/PS	.95965	.96843	.96011	1.0637	.48293	106.80
143	AD638457/PS	.95965	.96843	.96011	1.0637	.48293	106.80
144	AD638457/PS	.95965	.96843	.96011	1.0637	.48293	106.80
145	AD638457/PS	.95965	.96843	.96011	1.0637	.48293	106.80
146	AD638457/PS	.95965	.96843	.96011	1.0637	.48293	106.80

Analysis Report Averages 07/05/06 07:39:37 AM page 11

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
147	AD638457/PS	.95965	.96843	.96011	1.0637	.48293	106.80
148	AD638457/PS	.95965	.96843	.96011	1.0637	.48293	106.80
149	AD638457/PS	.95965	.96843	.96011	1.0637	.48293	106.80
150	AD638457/PS	.95965	.96843	.96011	1.0637	.48293	106.80
151	AD638457/PS	.95965	.96843	.96011	1.0637	.48293	106.80
152	AD638457/PS	.95965	.96843	.96011	1.0637	.48293	106.80
153	AD638457/PS	.95965	.96843	.96011	1.0637	.48293	106.80
154	AD638458/MS	.91539	.91684	.91602	1.0391	.43155	102.67
155	AD638458/MS	.91539	.91684	.91602	1.0391	.43155	102.67
156	AD638458/MS	.91539	.91684	.91602	1.0391	.43155	102.67
157	AD638458/MS	.91539	.91684	.91602	1.0391	.43155	102.67
158	AD638458/MS	.91539	.91684	.91602	1.0391	.43155	102.67
159	AD638458/MS	.91539	.91684	.91602	1.0391	.43155	102.67
160	AD638458/MS	.91539	.91684	.91602	1.0391	.43155	102.67
161	AD638458/MS	.91539	.91684	.91602	1.0391	.43155	102.67
162	AD638458/MS	.91539	.91684	.91602	1.0391	.43155	102.67
163	AD638458/MS	.91539	.91684	.91602	1.0391	.43155	102.67
164	AD638458/MS	.91539	.91684	.91602	1.0391	.43155	102.67
165	AD638458/MS	.91539	.91684	.91602	1.0391	.43155	102.67
166	AD638458/MS	.91539	.91684	.91602	1.0391	.43155	102.67
167	AD638458/MS	.91539	.91684	.91602	1.0391	.43155	102.67
168	AD638458/MS	.91539	.91684	.91602	1.0391	.43155	102.67
169	AD638458/MS	.91539	.91684	.91602	1.0391	.43155	102.67
170	AD638458/MS	.91539	.91684	.91602	1.0391	.43155	102.67
171	AD638458/MS	.91539	.91684	.91602	1.0391	.43155	102.67
172	AD638458/MS	.91539	.91684	.91602	1.0391	.43155	102.67
173	AD638458/MS	.91539	.91684	.91602	1.0391	.43155	102.67

#	Sample Name	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
1	A6691508/TOT	35.233	.46324	.00820	5.4359	.00371	-.00377
2	A6691508/TOT	35.233	.46324	.00820	5.4359	.00371	-.00377
3	A6710102/TOT	20.556	2.1343	.00959	9.4711	.00131	-.00511
4	A6710102/TOT	20.556	2.1343	.00959	9.4711	.00131	-.00511
5	A6710103/TOT	10.798	1.7805	.01024	4.6944	.00358	-.00363
6	A6710104/TOT	18.148	2.6288	.00048	20.335	.00240	-.00226
7	AD638175/L (1:5)	2.2423	.03726	.00072	.99071	.00026	.00036
8	AD638175/L (1:5)	2.2423	.03726	.00072	.99071	.00026	.00036
9	AD638175/L (1:5)	2.2423	.03726	.00072	.99071	.00026	.00036
10	AD638175/L (1:5)	2.2423	.03726	.00072	.99071	.00026	.00036
11	AD638175/L (1:5)	2.2423	.03726	.00072	.99071	.00026	.00036
12	AD638175/L (1:5)	2.2423	.03726	.00072	.99071	.00026	.00036
13	AD638175/L (1:5)	2.2423	.03726	.00072	.99071	.00026	.00036
14	AD638175/L (1:5)	2.2423	.03726	.00072	.99071	.00026	.00036
15	AD638175/L (1:5)	2.2423	.03726	.00072	.99071	.00026	.00036
16	AD638175/L (1:5)	2.2423	.03726	.00072	.99071	.00026	.00036
17	AD638175/L (1:5)	2.2423	.03726	.00072	.99071	.00026	.00036
18	AD638175/L (1:5)	2.2423	.03726	.00072	.99071	.00026	.00036
19	AD636753	14.466	.69617	.00149	59.782	.00110	.00046
20	AD636753	14.466	.69617	.00149	59.782	.00110	.00046
21	AD636753	14.466	.69617	.00149	59.782	.00110	.00046
22	AD636753	14.466	.69617	.00149	59.782	.00110	.00046
23	AD638205	67.208	.06945	.01229	378.48	.00727	.00926

#	Sample Name	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
24	AD638205	67.208	.06945	.01229	378.48	.00727	.00926
25	AD638205	67.208	.06945	.01229	378.48	.00727	.00926
26	AD638205	67.208	.06945	.01229	378.48	.00727	.00926
27	AD638212	383.59	.00821	.00049	29.561	.01203	.00075
28	AD638217/(1:5)	36.130	.00780	.00013	225.84	.00123	-.00190
29	AD638217/(1:5)	36.130	.00780	.00013	225.84	.00123	-.00190
30	AD638217/(1:5)	36.130	.00780	.00013	225.84	.00123	-.00190
31	AD638206/MD	67.106	.06881	.01299	376.58	.00749	.00727
32	AD638206/MD	67.106	.06881	.01299	376.58	.00749	.00727
33	AD638206/MD	67.106	.06881	.01299	376.58	.00749	.00727
34	AD638206/MD	67.106	.06881	.01299	376.58	.00749	.00727
35	AD638206/MD	67.106	.06881	.01299	376.58	.00749	.00727
36	AD638206/MD	67.106	.06881	.01299	376.58	.00749	.00727
37	AD638206/MD	67.106	.06881	.01299	376.58	.00749	.00727
38	AD638206/MD	67.106	.06881	.01299	376.58	.00749	.00727
39	AD638205/L (1:5)	13.761	.01539	.00292	77.121	.00169	.00137
40	AD638205/L (1:5)	13.761	.01539	.00292	77.121	.00169	.00137
41	AD638205/L (1:5)	13.761	.01539	.00292	77.121	.00169	.00137
42	AD638205/L (1:5)	13.761	.01539	.00292	77.121	.00169	.00137
43	AD638205/L (1:5)	13.761	.01539	.00292	77.121	.00169	.00137
44	AD638205/L (1:5)	13.761	.01539	.00292	77.121	.00169	.00137
45	AD638205/L (1:5)	13.761	.01539	.00292	77.121	.00169	.00137
46	AD638218/(1:10)	318.29	.09660	.00598	H1693.0	.18242	.00241
47	AD638218/(1:10)	318.29	.09660	.00598	H1693.0	.18242	.00241
48	AD638218/(1:10)	318.29	.09660	.00598	H1693.0	.18242	.00241
49	AD638218/(1:10)	318.29	.09660	.00598	H1693.0	.18242	.00241
50	AD638205/PS	76.193	.26437	.21661	378.68	.21152	.20812
51	AD638205/PS	76.193	.26437	.21661	378.68	.21152	.20812
52	AD638205/PS	76.193	.26437	.21661	378.68	.21152	.20812
53	AD638205/PS	76.193	.26437	.21661	378.68	.21152	.20812
54	AD638205/PS	76.193	.26437	.21661	378.68	.21152	.20812
55	AD638205/PS	76.193	.26437	.21661	378.68	.21152	.20812
56	AD638205/PS	76.193	.26437	.21661	378.68	.21152	.20812
57	AD638205/PS	76.193	.26437	.21661	378.68	.21152	.20812
58	AD638205/PS	76.193	.26437	.21661	378.68	.21152	.20812
59	AD638205/PS	76.193	.26437	.21661	378.68	.21152	.20812
60	AD638205/PS	76.193	.26437	.21661	378.68	.21152	.20812
61	AD638205/PS	76.193	.26437	.21661	378.68	.21152	.20812
62	AD638205/PS	76.193	.26437	.21661	378.68	.21152	.20812
63	AD638205/PS	76.193	.26437	.21661	378.68	.21152	.20812
64	AD638205/PS	76.193	.26437	.21661	378.68	.21152	.20812
65	AD638207/MS	61.380	.62559	.00866	240.43	.57666	.02583
66	AD638207/MS	61.380	.62559	.00866	240.43	.57666	.02583
67	AD638207/MS	61.380	.62559	.00866	240.43	.57666	.02583
68	AD638218/(1:50)	65.586	.02069	.00081	482.48	.03917	.00127
69	AD638218/(1:50)	65.586	.02069	.00081	482.48	.03917	.00127
70	AD638441	15.665	.13083	.00679	85.692	.00410	.00500
71	AD638444/L (1:5)	.38710	.03411	.00095	45.127	.00144	.00180
72	AD638441	15.665	.13083	.00679	85.692	.00410	.00500
73	AD638441	15.665	.13083	.00679	85.692	.00410	.00500
74	AD638441	15.665	.13083	.00679	85.692	.00410	.00500
75	AD638448	28.860	.08023	.00051	28.228	.00075	-.00132
76	AD638448	28.860	.08023	.00051	28.228	.00075	-.00132
77	AD638448	28.860	.08023	.00051	28.228	.00075	-.00132

#	Sample Name	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
78	AD638448	28.860	.08023	.00051	28.228	.00075	-.00132
79	AD638457	53.952	2.6734	.00230	H1302.4	.01017	.03547
80	AD638457	53.952	2.6734	.00230	H1302.4	.01017	.03547
81	AD638457	53.952	2.6734	.00230	H1302.4	.01017	.03547
82	AD638457	53.952	2.6734	.00230	H1302.4	.01017	.03547
83	AD638457	53.952	2.6734	.00230	H1302.4	.01017	.03547
84	AD638457	53.952	2.6734	.00230	H1302.4	.01017	.03547
85	AD638449	2.2865	.29332	.00424	H649.69	.01121	-.00015
86	AD638449	2.2865	.29332	.00424	H649.69	.01121	-.00015
87	AD638449	2.2865	.29332	.00424	H649.69	.01121	-.00015
88	AD638449	2.2865	.29332	.00424	H649.69	.01121	-.00015
89	AD638449	2.2865	.29332	.00424	H649.69	.01121	-.00015
90	AD638449	2.2865	.29332	.00424	H649.69	.01121	-.00015
91	AD638449	2.2865	.29332	.00424	H649.69	.01121	-.00015
92	AD638449	2.2865	.29332	.00424	H649.69	.01121	-.00015
93	AD638449	2.2865	.29332	.00424	H649.69	.01121	-.00015
94	AD638442	2.2779	.14551	.00217	192.71	.00620	.01326
95	AD638442	2.2779	.14551	.00217	192.71	.00620	.01326
96	AD638442	2.2779	.14551	.00217	192.71	.00620	.01326
97	AD638442	2.2779	.14551	.00217	192.71	.00620	.01326
98	AD638442	2.2779	.14551	.00217	192.71	.00620	.01326
99	AD638442	2.2779	.14551	.00217	192.71	.00620	.01326
100	AD638442	2.2779	.14551	.00217	192.71	.00620	.01326
101	AD638442	2.2779	.14551	.00217	192.71	.00620	.01326
102	AD638442	2.2779	.14551	.00217	192.71	.00620	.01326
103	AD638442	2.2779	.14551	.00217	192.71	.00620	.01326
104	AD638442	2.2779	.14551	.00217	192.71	.00620	.01326
105	AD638442	2.2779	.14551	.00217	192.71	.00620	.01326
106	AD638442	2.2779	.14551	.00217	192.71	.00620	.01326
107	AD638442	2.2779	.14551	.00217	192.71	.00620	.01326
108	AD638443	2.1692	.15892	.00231	207.98	.01064	.01483
109	AD638443	2.1692	.15892	.00231	207.98	.01064	.01483
110	AD638443	2.1692	.15892	.00231	207.98	.01064	.01483
111	AD638443	2.1692	.15892	.00231	207.98	.01064	.01483
112	AD638450	2.2860	.30294	.00383	H646.98	.01131	-.00123
113	AD638450	2.2860	.30294	.00383	H646.98	.01131	-.00123
114	AD638450	2.2860	.30294	.00383	H646.98	.01131	-.00123
115	AD638450	2.2860	.30294	.00383	H646.98	.01131	-.00123
116	AD638453	80.595	.28043	.00169	86.443	.08819	-.00107
117	AD638453	80.595	.28043	.00169	86.443	.08819	-.00107
118	AD638453	80.595	.28043	.00169	86.443	.08819	-.00107
119	AD638453	80.595	.28043	.00169	86.443	.08819	-.00107
120	AD638453	80.595	.28043	.00169	86.443	.08819	-.00107
121	AD638453	80.595	.28043	.00169	86.443	.08819	-.00107
122	AD638453	80.595	.28043	.00169	86.443	.08819	-.00107
123	AD638461/LCS	-.03883	.96662	.99470	1320.1	.99485	.99467
124	AD638461/LCS	-.03883	.96662	.99470	1320.1	.99485	.99467
125	AD638461/LCS	-.03883	.96662	.99470	1320.1	.99485	.99467
126	AD638695/PB	L-.13563	-.00003	-.00030	L-.87720	.00044	-.00194
127	AD638695/PB	L-.13563	-.00003	-.00030	L-.87720	.00044	-.00194
128	AD638695/PB	L-.13563	-.00003	-.00030	L-.87720	.00044	-.00194
129	AD638695/PB	L-.13563	-.00003	-.00030	L-.87720	.00044	-.00194
130	AD638462/PB	L-.12769	.00008	.00057	L-.70776	.00024	-.00114
131	AD638462/PB	L-.12769	.00008	.00057	L-.70776	.00024	-.00114

Analysis Report Averages 07/05/06 07:39:37 AM page 14

#	Sample Name	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
132	AD638462/PB	L-.12769	.00008	.00057	L-.70776	.00024	-.00114
133	AD638462/PB	L-.12769	.00008	.00057	L-.70776	.00024	-.00114
134	AD638457/L (1:5)	11.012	.54773	.00070	334.18	.00197	.00659
135	AD638457/L (1:5)	11.012	.54773	.00070	334.18	.00197	.00659
136	AD638457/L (1:5)	11.012	.54773	.00070	334.18	.00197	.00659
137	AD638457/L (1:5)	11.012	.54773	.00070	334.18	.00197	.00659
138	AD638457/L (1:5)	11.012	.54773	.00070	334.18	.00197	.00659
139	AD638457/L (1:5)	11.012	.54773	.00070	334.18	.00197	.00659
140	AD638457/L (1:5)	11.012	.54773	.00070	334.18	.00197	.00659
141	AD638457/PS	53.977	3.6269	1.0532	H1303.6	1.0763	1.0020
142	AD638457/PS	53.977	3.6269	1.0532	H1303.6	1.0763	1.0020
143	AD638457/PS	53.977	3.6269	1.0532	H1303.6	1.0763	1.0020
144	AD638457/PS	53.977	3.6269	1.0532	H1303.6	1.0763	1.0020
145	AD638457/PS	53.977	3.6269	1.0532	H1303.6	1.0763	1.0020
146	AD638457/PS	53.977	3.6269	1.0532	H1303.6	1.0763	1.0020
147	AD638457/PS	53.977	3.6269	1.0532	H1303.6	1.0763	1.0020
148	AD638457/PS	53.977	3.6269	1.0532	H1303.6	1.0763	1.0020
149	AD638457/PS	53.977	3.6269	1.0532	H1303.6	1.0763	1.0020
150	AD638457/PS	53.977	3.6269	1.0532	H1303.6	1.0763	1.0020
151	AD638457/PS	53.977	3.6269	1.0532	H1303.6	1.0763	1.0020
152	AD638457/PS	53.977	3.6269	1.0532	H1303.6	1.0763	1.0020
153	AD638457/PS	53.977	3.6269	1.0532	H1303.6	1.0763	1.0020
154	AD638458/MS	52.000	3.4757	.95128	H1269.3	.93659	.96709
155	AD638458/MS	52.000	3.4757	.95128	H1269.3	.93659	.96709
156	AD638458/MS	52.000	3.4757	.95128	H1269.3	.93659	.96709
157	AD638458/MS	52.000	3.4757	.95128	H1269.3	.93659	.96709
158	AD638458/MS	52.000	3.4757	.95128	H1269.3	.93659	.96709
159	AD638458/MS	52.000	3.4757	.95128	H1269.3	.93659	.96709
160	AD638458/MS	52.000	3.4757	.95128	H1269.3	.93659	.96709
161	AD638458/MS	52.000	3.4757	.95128	H1269.3	.93659	.96709
162	AD638458/MS	52.000	3.4757	.95128	H1269.3	.93659	.96709
163	AD638458/MS	52.000	3.4757	.95128	H1269.3	.93659	.96709
164	AD638458/MS	52.000	3.4757	.95128	H1269.3	.93659	.96709
165	AD638458/MS	52.000	3.4757	.95128	H1269.3	.93659	.96709
166	AD638458/MS	52.000	3.4757	.95128	H1269.3	.93659	.96709
167	AD638458/MS	52.000	3.4757	.95128	H1269.3	.93659	.96709
168	AD638458/MS	52.000	3.4757	.95128	H1269.3	.93659	.96709
169	AD638458/MS	52.000	3.4757	.95128	H1269.3	.93659	.96709
170	AD638458/MS	52.000	3.4757	.95128	H1269.3	.93659	.96709
171	AD638458/MS	52.000	3.4757	.95128	H1269.3	.93659	.96709
172	AD638458/MS	52.000	3.4757	.95128	H1269.3	.93659	.96709
173	AD638458/MS	52.000	3.4757	.95128	H1269.3	.93659	.96709

#	Sample Name	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
1	A6691508/TOT	.00003	-.00123	.00693	-.00115	.01505	.00287
2	A6691508/TOT	.00003	-.00123	.00693	-.00115	.01505	.00287
3	A6710102/TOT	-.00066	-.00214	.00707	-.00084	.00909	.00605
4	A6710102/TOT	-.00066	-.00214	.00707	-.00084	.00909	.00605
5	A6710103/TOT	.00066	-.00076	.00767	.00113	.00857	.00722
6	A6710104/TOT	.00206	.00062	.00463	-.00436	.01780	-.00194
7	AD638175/L (1:5)	.00047	.00044	.00507	.00184	.00450	.00535
8	AD638175/L (1:5)	.00047	.00044	.00507	.00184	.00450	.00535

#	Sample Name	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
9	AD638175/L (1:5)	.00047	.00044	.00507	.00184	.00450	.00535
10	AD638175/L (1:5)	.00047	.00044	.00507	.00184	.00450	.00535
11	AD638175/L (1:5)	.00047	.00044	.00507	.00184	.00450	.00535
12	AD638175/L (1:5)	.00047	.00044	.00507	.00184	.00450	.00535
13	AD638175/L (1:5)	.00047	.00044	.00507	.00184	.00450	.00535
14	AD638175/L (1:5)	.00047	.00044	.00507	.00184	.00450	.00535
15	AD638175/L (1:5)	.00047	.00044	.00507	.00184	.00450	.00535
16	AD638175/L (1:5)	.00047	.00044	.00507	.00184	.00450	.00535
17	AD638175/L (1:5)	.00047	.00044	.00507	.00184	.00450	.00535
18	AD638175/L (1:5)	.00047	.00044	.00507	.00184	.00450	.00535
19	AD636753	-.00075	-.00034	-.00018	-.00036	.00236	-.00145
20	AD636753	-.00075	-.00034	-.00018	-.00036	.00236	-.00145
21	AD636753	-.00075	-.00034	-.00018	-.00036	.00236	-.00145
22	AD636753	-.00075	-.00034	-.00018	-.00036	.00236	-.00145
23	AD638205	.00836	.00866	.00265	.00125	.00535	.00130
24	AD638205	.00836	.00866	.00265	.00125	.00535	.00130
25	AD638205	.00836	.00866	.00265	.00125	.00535	.00130
26	AD638205	.00836	.00866	.00265	.00125	.00535	.00130
27	AD638212	-.00029	.00005	.00552	.00385	.00629	.00513
28	AD638217/(1:5)	.00019	-.00050	.00144	.00139	.00387	.00022
29	AD638217/(1:5)	.00019	-.00050	.00144	.00139	.00387	.00022
30	AD638217/(1:5)	.00019	-.00050	.00144	.00139	.00387	.00022
31	AD638206/MD	.00851	.00810	.00501	.00676	.00231	.00636
32	AD638206/MD	.00851	.00810	.00501	.00676	.00231	.00636
33	AD638206/MD	.00851	.00810	.00501	.00676	.00231	.00636
34	AD638206/MD	.00851	.00810	.00501	.00676	.00231	.00636
35	AD638206/MD	.00851	.00810	.00501	.00676	.00231	.00636
36	AD638206/MD	.00851	.00810	.00501	.00676	.00231	.00636
37	AD638206/MD	.00851	.00810	.00501	.00676	.00231	.00636
38	AD638206/MD	.00851	.00810	.00501	.00676	.00231	.00636
39	AD638205/L (1:5)	.00271	.00227	.00415	.00346	.00472	.00386
40	AD638205/L (1:5)	.00271	.00227	.00415	.00346	.00472	.00386
41	AD638205/L (1:5)	.00271	.00227	.00415	.00346	.00472	.00386
42	AD638205/L (1:5)	.00271	.00227	.00415	.00346	.00472	.00386
43	AD638205/L (1:5)	.00271	.00227	.00415	.00346	.00472	.00386
44	AD638205/L (1:5)	.00271	.00227	.00415	.00346	.00472	.00386
45	AD638205/L (1:5)	.00271	.00227	.00415	.00346	.00472	.00386
46	AD638218/(1:10)	.00143	.00176	-.00186	.00173	.00428	-.00493
47	AD638218/(1:10)	.00143	.00176	-.00186	.00173	.00428	-.00493
48	AD638218/(1:10)	.00143	.00176	-.00186	.00173	.00428	-.00493
49	AD638218/(1:10)	.00143	.00176	-.00186	.00173	.00428	-.00493
50	AD638205/PS	.21441	.21231	.21188	.20794	.20154	.21706
51	AD638205/PS	.21441	.21231	.21188	.20794	.20154	.21706
52	AD638205/PS	.21441	.21231	.21188	.20794	.20154	.21706
53	AD638205/PS	.21441	.21231	.21188	.20794	.20154	.21706
54	AD638205/PS	.21441	.21231	.21188	.20794	.20154	.21706
55	AD638205/PS	.21441	.21231	.21188	.20794	.20154	.21706
56	AD638205/PS	.21441	.21231	.21188	.20794	.20154	.21706
57	AD638205/PS	.21441	.21231	.21188	.20794	.20154	.21706
58	AD638205/PS	.21441	.21231	.21188	.20794	.20154	.21706
59	AD638205/PS	.21441	.21231	.21188	.20794	.20154	.21706
60	AD638205/PS	.21441	.21231	.21188	.20794	.20154	.21706
61	AD638205/PS	.21441	.21231	.21188	.20794	.20154	.21706
62	AD638205/PS	.21441	.21231	.21188	.20794	.20154	.21706

#	Sample Name	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
63	AD638205/PS	.21441	.21231	.21188	.20794	.20154	.21706
64	AD638205/PS	.21441	.21231	.21188	.20794	.20154	.21706
65	AD638207/MS	.02763	.02703	.05497	.10770	.05334	.05578
66	AD638207/MS	.02763	.02703	.05497	.10770	.05334	.05578
67	AD638207/MS	.02763	.02703	.05497	.10770	.05334	.05578
68	AD638218/(1:50)	.00307	.00247	-.00246	.00109	.00112	-.00426
69	AD638218/(1:50)	.00307	.00247	-.00246	.00109	.00112	-.00426
70	AD638441	.01374	.01083	.00117	.00131	-.00397	.00375
71	AD638444/L (1:5)	.00241	.00221	-.00180	.00367	-.00130	-.00205
72	AD638441	.01374	.01083	.00117	.00131	-.00397	.00375
73	AD638441	.01374	.01083	.00117	.00131	-.00397	.00375
74	AD638441	.01374	.01083	.00117	.00131	-.00397	.00375
75	AD638448	-.00092	-.00105	-.00032	-.00194	.00378	-.00238
76	AD638448	-.00092	-.00105	-.00032	-.00194	.00378	-.00238
77	AD638448	-.00092	-.00105	-.00032	-.00194	.00378	-.00238
78	AD638448	-.00092	-.00105	-.00032	-.00194	.00378	-.00238
79	AD638457	.03810	.03723	.00391	.00086	.00799	.00187
80	AD638457	.03810	.03723	.00391	.00086	.00799	.00187
81	AD638457	.03810	.03723	.00391	.00086	.00799	.00187
82	AD638457	.03810	.03723	.00391	.00086	.00799	.00187
83	AD638457	.03810	.03723	.00391	.00086	.00799	.00187
84	AD638457	.03810	.03723	.00391	.00086	.00799	.00187
85	AD638449	.00212	.00136	.00109	.00278	.00416	-.00043
86	AD638449	.00212	.00136	.00109	.00278	.00416	-.00043
87	AD638449	.00212	.00136	.00109	.00278	.00416	-.00043
88	AD638449	.00212	.00136	.00109	.00278	.00416	-.00043
89	AD638449	.00212	.00136	.00109	.00278	.00416	-.00043
90	AD638449	.00212	.00136	.00109	.00278	.00416	-.00043
91	AD638449	.00212	.00136	.00109	.00278	.00416	-.00043
92	AD638449	.00212	.00136	.00109	.00278	.00416	-.00043
93	AD638449	.00212	.00136	.00109	.00278	.00416	-.00043
94	AD638442	.01368	.01354	-.00164	.01190	-.00147	-.00172
95	AD638442	.01368	.01354	-.00164	.01190	-.00147	-.00172
96	AD638442	.01368	.01354	-.00164	.01190	-.00147	-.00172
97	AD638442	.01368	.01354	-.00164	.01190	-.00147	-.00172
98	AD638442	.01368	.01354	-.00164	.01190	-.00147	-.00172
99	AD638442	.01368	.01354	-.00164	.01190	-.00147	-.00172
100	AD638442	.01368	.01354	-.00164	.01190	-.00147	-.00172
101	AD638442	.01368	.01354	-.00164	.01190	-.00147	-.00172
102	AD638442	.01368	.01354	-.00164	.01190	-.00147	-.00172
103	AD638442	.01368	.01354	-.00164	.01190	-.00147	-.00172
104	AD638442	.01368	.01354	-.00164	.01190	-.00147	-.00172
105	AD638442	.01368	.01354	-.00164	.01190	-.00147	-.00172
106	AD638442	.01368	.01354	-.00164	.01190	-.00147	-.00172
107	AD638442	.01368	.01354	-.00164	.01190	-.00147	-.00172
108	AD638443	.01568	.01540	.00020	.01177	.00315	-.00126
109	AD638443	.01568	.01540	.00020	.01177	.00315	-.00126
110	AD638443	.01568	.01540	.00020	.01177	.00315	-.00126
111	AD638443	.01568	.01540	.00020	.01177	.00315	-.00126
112	AD638450	.00207	.00097	-.00137	.00024	.00029	-.00221
113	AD638450	.00207	.00097	-.00137	.00024	.00029	-.00221
114	AD638450	.00207	.00097	-.00137	.00024	.00029	-.00221
115	AD638450	.00207	.00097	-.00137	.00024	.00029	-.00221
116	AD638453	.00142	.00059	.00190	.00074	.00548	.00011

#	Sample Name	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
117	AD638453	.00142	.00059	.00190	.00074	.00548	.00011
118	AD638453	.00142	.00059	.00190	.00074	.00548	.00011
119	AD638453	.00142	.00059	.00190	.00074	.00548	.00011
120	AD638453	.00142	.00059	.00190	.00074	.00548	.00011
121	AD638453	.00142	.00059	.00190	.00074	.00548	.00011
122	AD638453	.00142	.00059	.00190	.00074	.00548	.00011
123	AD638461/LCS	.99971	.99803	1.0247	1.0197	1.0177	1.0282
124	AD638461/LCS	.99971	.99803	1.0247	1.0197	1.0177	1.0282
125	AD638461/LCS	.99971	.99803	1.0247	1.0197	1.0177	1.0282
126	AD638695/PB	.00050	-.00031	-.00077	.00206	.00067	-.00149
127	AD638695/PB	.00050	-.00031	-.00077	.00206	.00067	-.00149
128	AD638695/PB	.00050	-.00031	-.00077	.00206	.00067	-.00149
129	AD638695/PB	.00050	-.00031	-.00077	.00206	.00067	-.00149
130	AD638462/PB	.00002	-.00036	-.00220	.00221	-.00048	-.00306
131	AD638462/PB	.00002	-.00036	-.00220	.00221	-.00048	-.00306
132	AD638462/PB	.00002	-.00036	-.00220	.00221	-.00048	-.00306
133	AD638462/PB	.00002	-.00036	-.00220	.00221	-.00048	-.00306
134	AD638457/L (1:5)	.00815	.00763	-.00147	.00013	-.00139	-.00151
135	AD638457/L (1:5)	.00815	.00763	-.00147	.00013	-.00139	-.00151
136	AD638457/L (1:5)	.00815	.00763	-.00147	.00013	-.00139	-.00151
137	AD638457/L (1:5)	.00815	.00763	-.00147	.00013	-.00139	-.00151
138	AD638457/L (1:5)	.00815	.00763	-.00147	.00013	-.00139	-.00151
139	AD638457/L (1:5)	.00815	.00763	-.00147	.00013	-.00139	-.00151
140	AD638457/L (1:5)	.00815	.00763	-.00147	.00013	-.00139	-.00151
141	AD638457/PS	1.0132	1.0095	1.0372	1.0214	1.0246	1.0435
142	AD638457/PS	1.0132	1.0095	1.0372	1.0214	1.0246	1.0435
143	AD638457/PS	1.0132	1.0095	1.0372	1.0214	1.0246	1.0435
144	AD638457/PS	1.0132	1.0095	1.0372	1.0214	1.0246	1.0435
145	AD638457/PS	1.0132	1.0095	1.0372	1.0214	1.0246	1.0435
146	AD638457/PS	1.0132	1.0095	1.0372	1.0214	1.0246	1.0435
147	AD638457/PS	1.0132	1.0095	1.0372	1.0214	1.0246	1.0435
148	AD638457/PS	1.0132	1.0095	1.0372	1.0214	1.0246	1.0435
149	AD638457/PS	1.0132	1.0095	1.0372	1.0214	1.0246	1.0435
150	AD638457/PS	1.0132	1.0095	1.0372	1.0214	1.0246	1.0435
151	AD638457/PS	1.0132	1.0095	1.0372	1.0214	1.0246	1.0435
152	AD638457/PS	1.0132	1.0095	1.0372	1.0214	1.0246	1.0435
153	AD638457/PS	1.0132	1.0095	1.0372	1.0214	1.0246	1.0435
154	AD638458/MS	.98014	.97579	1.0037	1.0133	.99305	1.0091
155	AD638458/MS	.98014	.97579	1.0037	1.0133	.99305	1.0091
156	AD638458/MS	.98014	.97579	1.0037	1.0133	.99305	1.0091
157	AD638458/MS	.98014	.97579	1.0037	1.0133	.99305	1.0091
158	AD638458/MS	.98014	.97579	1.0037	1.0133	.99305	1.0091
159	AD638458/MS	.98014	.97579	1.0037	1.0133	.99305	1.0091
160	AD638458/MS	.98014	.97579	1.0037	1.0133	.99305	1.0091
161	AD638458/MS	.98014	.97579	1.0037	1.0133	.99305	1.0091
162	AD638458/MS	.98014	.97579	1.0037	1.0133	.99305	1.0091
163	AD638458/MS	.98014	.97579	1.0037	1.0133	.99305	1.0091
164	AD638458/MS	.98014	.97579	1.0037	1.0133	.99305	1.0091
165	AD638458/MS	.98014	.97579	1.0037	1.0133	.99305	1.0091
166	AD638458/MS	.98014	.97579	1.0037	1.0133	.99305	1.0091
167	AD638458/MS	.98014	.97579	1.0037	1.0133	.99305	1.0091
168	AD638458/MS	.98014	.97579	1.0037	1.0133	.99305	1.0091
169	AD638458/MS	.98014	.97579	1.0037	1.0133	.99305	1.0091
170	AD638458/MS	.98014	.97579	1.0037	1.0133	.99305	1.0091

#	Sample Name	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
171	AD638458/MS	.98014	.97579	1.0037	1.0133	.99305	1.0091
172	AD638458/MS	.98014	.97579	1.0037	1.0133	.99305	1.0091
173	AD638458/MS	.98014	.97579	1.0037	1.0133	.99305	1.0091

#	Sample Name	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
1	A6691508/TOT	.00238	-.00487	.00103	.00473	.01032	.00054
2	A6691508/TOT	.00238	-.00487	.00103	.00473	.01032	.00054
3	A6710102/TOT	.00012	.00568	.00002	.00346	.00431	-.00026
4	A6710102/TOT	.00012	.00568	.00002	.00346	.00431	-.00026
5	A6710103/TOT	.00854	.00392	.00164	.00706	.00353	.00011
6	A6710104/TOT	-.00029	L-.01355	.00028	.00037	.01912	.00053
7	AD638175/L (1:5)	.00027	.00044	.00004	.00048	.00159	.00006
8	AD638175/L (1:5)	.00027	.00044	.00004	.00048	.00159	.00006
9	AD638175/L (1:5)	.00027	.00044	.00004	.00048	.00159	.00006
10	AD638175/L (1:5)	.00027	.00044	.00004	.00048	.00159	.00006
11	AD638175/L (1:5)	.00027	.00044	.00004	.00048	.00159	.00006
12	AD638175/L (1:5)	.00027	.00044	.00004	.00048	.00159	.00006
13	AD638175/L (1:5)	.00027	.00044	.00004	.00048	.00159	.00006
14	AD638175/L (1:5)	.00027	.00044	.00004	.00048	.00159	.00006
15	AD638175/L (1:5)	.00027	.00044	.00004	.00048	.00159	.00006
16	AD638175/L (1:5)	.00027	.00044	.00004	.00048	.00159	.00006
17	AD638175/L (1:5)	.00027	.00044	.00004	.00048	.00159	.00006
18	AD638175/L (1:5)	.00027	.00044	.00004	.00048	.00159	.00006
19	AD636753	.00289	-.00193	.00030	.00486	-.00086	.00054
20	AD636753	.00289	-.00193	.00030	.00486	-.00086	.00054
21	AD636753	.00289	-.00193	.00030	.00486	-.00086	.00054
22	AD636753	.00289	-.00193	.00030	.00486	-.00086	.00054
23	AD638205	.12379	.00180	.00431	.02555	.00203	.00020
24	AD638205	.12379	.00180	.00431	.02555	.00203	.00020
25	AD638205	.12379	.00180	.00431	.02555	.00203	.00020
26	AD638205	.12379	.00180	.00431	.02555	.00203	.00020
27	AD638212	.00088	.00015	-.00005	.02108	.00285	.00012
28	AD638217/(1:5)	.00010	-.00067	.00010	.00125	-.00096	.00051
29	AD638217/(1:5)	.00010	-.00067	.00010	.00125	-.00096	.00051
30	AD638217/(1:5)	.00010	-.00067	.00010	.00125	-.00096	.00051
31	AD638206/MD	.09124	.00176	.00385	.02594	.00184	.00021
32	AD638206/MD	.09124	.00176	.00385	.02594	.00184	.00021
33	AD638206/MD	.09124	.00176	.00385	.02594	.00184	.00021
34	AD638206/MD	.09124	.00176	.00385	.02594	.00184	.00021
35	AD638206/MD	.09124	.00176	.00385	.02594	.00184	.00021
36	AD638206/MD	.09124	.00176	.00385	.02594	.00184	.00021
37	AD638206/MD	.09124	.00176	.00385	.02594	.00184	.00021
38	AD638206/MD	.09124	.00176	.00385	.02594	.00184	.00021
39	AD638205/L (1:5)	.03260	-.00082	.00215	.00663	.00153	-.00012
40	AD638205/L (1:5)	.03260	-.00082	.00215	.00663	.00153	-.00012
41	AD638205/L (1:5)	.03260	-.00082	.00215	.00663	.00153	-.00012
42	AD638205/L (1:5)	.03260	-.00082	.00215	.00663	.00153	-.00012
43	AD638205/L (1:5)	.03260	-.00082	.00215	.00663	.00153	-.00012
44	AD638205/L (1:5)	.03260	-.00082	.00215	.00663	.00153	-.00012
45	AD638205/L (1:5)	.03260	-.00082	.00215	.00663	.00153	-.00012
46	AD638218/(1:10)	.03598	.00019	.00263	.01043	-.00022	.00033
47	AD638218/(1:10)	.03598	.00019	.00263	.01043	-.00022	.00033

#	Sample Name	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
48	AD638218/(1:10)	.03598	.00019	.00263	.01043	-.00022	.00033
49	AD638218/(1:10)	.03598	.00019	.00263	.01043	-.00022	.00033
50	AD638205/PS	.33096	.20559	.21089	.21691	.19964	.05065
51	AD638205/PS	.33096	.20559	.21089	.21691	.19964	.05065
52	AD638205/PS	.33096	.20559	.21089	.21691	.19964	.05065
53	AD638205/PS	.33096	.20559	.21089	.21691	.19964	.05065
54	AD638205/PS	.33096	.20559	.21089	.21691	.19964	.05065
55	AD638205/PS	.33096	.20559	.21089	.21691	.19964	.05065
56	AD638205/PS	.33096	.20559	.21089	.21691	.19964	.05065
57	AD638205/PS	.33096	.20559	.21089	.21691	.19964	.05065
58	AD638205/PS	.33096	.20559	.21089	.21691	.19964	.05065
59	AD638205/PS	.33096	.20559	.21089	.21691	.19964	.05065
60	AD638205/PS	.33096	.20559	.21089	.21691	.19964	.05065
61	AD638205/PS	.33096	.20559	.21089	.21691	.19964	.05065
62	AD638205/PS	.33096	.20559	.21089	.21691	.19964	.05065
63	AD638205/PS	.33096	.20559	.21089	.21691	.19964	.05065
64	AD638205/PS	.33096	.20559	.21089	.21691	.19964	.05065
65	AD638207/MS	.04142	.05103	.58690	.56768	.00307	.05665
66	AD638207/MS	.04142	.05103	.58690	.56768	.00307	.05665
67	AD638207/MS	.04142	.05103	.58690	.56768	.00307	.05665
68	AD638218/(1:50)	.00878	-.00194	.00059	.00502	-.00138	-.00004
69	AD638218/(1:50)	.00878	-.00194	.00059	.00502	-.00138	-.00004
70	AD638441	.05322	-.00097	.00451	.01482	.00078	-.00046
71	AD638444/L (1:5)	.00725	-.00159	.00062	.01983	-.00133	.00011
72	AD638441	.05322	-.00097	.00451	.01482	.00078	-.00046
73	AD638441	.05322	-.00097	.00451	.01482	.00078	-.00046
74	AD638441	.05322	-.00097	.00451	.01482	.00078	-.00046
75	AD638448	.00374	-.00244	.00078	.00444	.00066	-.00007
76	AD638448	.00374	-.00244	.00078	.00444	.00066	-.00007
77	AD638448	.00374	-.00244	.00078	.00444	.00066	-.00007
78	AD638448	.00374	-.00244	.00078	.00444	.00066	-.00007
79	AD638457	.01119	-.00459	.00212	.80079	.00368	.00037
80	AD638457	.01119	-.00459	.00212	.80079	.00368	.00037
81	AD638457	.01119	-.00459	.00212	.80079	.00368	.00037
82	AD638457	.01119	-.00459	.00212	.80079	.00368	.00037
83	AD638457	.01119	-.00459	.00212	.80079	.00368	.00037
84	AD638457	.01119	-.00459	.00212	.80079	.00368	.00037
85	AD638449	.05071	.00144	.00930	.03456	-.00004	.00022
86	AD638449	.05071	.00144	.00930	.03456	-.00004	.00022
87	AD638449	.05071	.00144	.00930	.03456	-.00004	.00022
88	AD638449	.05071	.00144	.00930	.03456	-.00004	.00022
89	AD638449	.05071	.00144	.00930	.03456	-.00004	.00022
90	AD638449	.05071	.00144	.00930	.03456	-.00004	.00022
91	AD638449	.05071	.00144	.00930	.03456	-.00004	.00022
92	AD638449	.05071	.00144	.00930	.03456	-.00004	.00022
93	AD638449	.05071	.00144	.00930	.03456	-.00004	.00022
94	AD638442	.03174	-.00119	.00208	.09140	-.00179	-.00025
95	AD638442	.03174	-.00119	.00208	.09140	-.00179	-.00025
96	AD638442	.03174	-.00119	.00208	.09140	-.00179	-.00025
97	AD638442	.03174	-.00119	.00208	.09140	-.00179	-.00025
98	AD638442	.03174	-.00119	.00208	.09140	-.00179	-.00025
99	AD638442	.03174	-.00119	.00208	.09140	-.00179	-.00025
100	AD638442	.03174	-.00119	.00208	.09140	-.00179	-.00025
101	AD638442	.03174	-.00119	.00208	.09140	-.00179	-.00025

#	Sample Name	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
102	AD638442	.03174	-.00119	.00208	.09140	-.00179	-.00025
103	AD638442	.03174	-.00119	.00208	.09140	-.00179	-.00025
104	AD638442	.03174	-.00119	.00208	.09140	-.00179	-.00025
105	AD638442	.03174	-.00119	.00208	.09140	-.00179	-.00025
106	AD638442	.03174	-.00119	.00208	.09140	-.00179	-.00025
107	AD638442	.03174	-.00119	.00208	.09140	-.00179	-.00025
108	AD638443	.03243	-.00080	.00223	.10398	.00019	.00041
109	AD638443	.03243	-.00080	.00223	.10398	.00019	.00041
110	AD638443	.03243	-.00080	.00223	.10398	.00019	.00041
111	AD638443	.03243	-.00080	.00223	.10398	.00019	.00041
112	AD638450	.06103	-.00332	.00906	.03125	.00042	-.00014
113	AD638450	.06103	-.00332	.00906	.03125	.00042	-.00014
114	AD638450	.06103	-.00332	.00906	.03125	.00042	-.00014
115	AD638450	.06103	-.00332	.00906	.03125	.00042	-.00014
116	AD638453	.00021	-.00142	.00034	.22105	-.00105	-.00001
117	AD638453	.00021	-.00142	.00034	.22105	-.00105	-.00001
118	AD638453	.00021	-.00142	.00034	.22105	-.00105	-.00001
119	AD638453	.00021	-.00142	.00034	.22105	-.00105	-.00001
120	AD638453	.00021	-.00142	.00034	.22105	-.00105	-.00001
121	AD638453	.00021	-.00142	.00034	.22105	-.00105	-.00001
122	AD638453	.00021	-.00142	.00034	.22105	-.00105	-.00001
123	AD638461/LCS	.00070	1.0142	.97643	.98081	.00358	1.0228
124	AD638461/LCS	.00070	1.0142	.97643	.98081	.00358	1.0228
125	AD638461/LCS	.00070	1.0142	.97643	.98081	.00358	1.0228
126	AD638695/PB	-.00021	-.00166	-.00025	.00194	-.00164	-.00044
127	AD638695/PB	-.00021	-.00166	-.00025	.00194	-.00164	-.00044
128	AD638695/PB	-.00021	-.00166	-.00025	.00194	-.00164	-.00044
129	AD638695/PB	-.00021	-.00166	-.00025	.00194	-.00164	-.00044
130	AD638462/PB	.00020	.00159	.00038	.00224	-.00029	.00027
131	AD638462/PB	.00020	.00159	.00038	.00224	-.00029	.00027
132	AD638462/PB	.00020	.00159	.00038	.00224	-.00029	.00027
133	AD638462/PB	.00020	.00159	.00038	.00224	-.00029	.00027
134	AD638457/L (1:5)	.00224	.00088	.00034	.16748	-.00096	-.00016
135	AD638457/L (1:5)	.00224	.00088	.00034	.16748	-.00096	-.00016
136	AD638457/L (1:5)	.00224	.00088	.00034	.16748	-.00096	-.00016
137	AD638457/L (1:5)	.00224	.00088	.00034	.16748	-.00096	-.00016
138	AD638457/L (1:5)	.00224	.00088	.00034	.16748	-.00096	-.00016
139	AD638457/L (1:5)	.00224	.00088	.00034	.16748	-.00096	-.00016
140	AD638457/L (1:5)	.00224	.00088	.00034	.16748	-.00096	-.00016
141	AD638457/PS	.02450	1.0004	.98389	1.7517	.00264	1.0604
142	AD638457/PS	.02450	1.0004	.98389	1.7517	.00264	1.0604
143	AD638457/PS	.02450	1.0004	.98389	1.7517	.00264	1.0604
144	AD638457/PS	.02450	1.0004	.98389	1.7517	.00264	1.0604
145	AD638457/PS	.02450	1.0004	.98389	1.7517	.00264	1.0604
146	AD638457/PS	.02450	1.0004	.98389	1.7517	.00264	1.0604
147	AD638457/PS	.02450	1.0004	.98389	1.7517	.00264	1.0604
148	AD638457/PS	.02450	1.0004	.98389	1.7517	.00264	1.0604
149	AD638457/PS	.02450	1.0004	.98389	1.7517	.00264	1.0604
150	AD638457/PS	.02450	1.0004	.98389	1.7517	.00264	1.0604
151	AD638457/PS	.02450	1.0004	.98389	1.7517	.00264	1.0604
152	AD638457/PS	.02450	1.0004	.98389	1.7517	.00264	1.0604
153	AD638457/PS	.02450	1.0004	.98389	1.7517	.00264	1.0604
154	AD638458/MS	.01078	.95714	.93814	1.6649	.00368	1.0273
155	AD638458/MS	.01078	.95714	.93814	1.6649	.00368	1.0273

#	Sample Name	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
156	AD638458/MS	.01078	.95714	.93814	1.6649	.00368	1.0273
157	AD638458/MS	.01078	.95714	.93814	1.6649	.00368	1.0273
158	AD638458/MS	.01078	.95714	.93814	1.6649	.00368	1.0273
159	AD638458/MS	.01078	.95714	.93814	1.6649	.00368	1.0273
160	AD638458/MS	.01078	.95714	.93814	1.6649	.00368	1.0273
161	AD638458/MS	.01078	.95714	.93814	1.6649	.00368	1.0273
162	AD638458/MS	.01078	.95714	.93814	1.6649	.00368	1.0273
163	AD638458/MS	.01078	.95714	.93814	1.6649	.00368	1.0273
164	AD638458/MS	.01078	.95714	.93814	1.6649	.00368	1.0273
165	AD638458/MS	.01078	.95714	.93814	1.6649	.00368	1.0273
166	AD638458/MS	.01078	.95714	.93814	1.6649	.00368	1.0273
167	AD638458/MS	.01078	.95714	.93814	1.6649	.00368	1.0273
168	AD638458/MS	.01078	.95714	.93814	1.6649	.00368	1.0273
169	AD638458/MS	.01078	.95714	.93814	1.6649	.00368	1.0273
170	AD638458/MS	.01078	.95714	.93814	1.6649	.00368	1.0273
171	AD638458/MS	.01078	.95714	.93814	1.6649	.00368	1.0273
172	AD638458/MS	.01078	.95714	.93814	1.6649	.00368	1.0273
173	AD638458/MS	.01078	.95714	.93814	1.6649	.00368	1.0273

Standardization Rpt. 07/03/06 07:15:51 PM page 1

Method: TRACE2 Standard: STD BLK
Run Time: 07/03/06 19:11:03

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	.08148	-.00144	.10666	.01495	.22617	.27385	-.01603
SDev	.00889	.00723	.01596	.00213	.00082	.07691	.00413
%RSD	10.915	501.10	14.968	14.224	.36375	28.084	25.792
#1	.07519	.00367	.09537	.01345	.22558	.21947	-.01895
#2	.08777	-.00655	.11795	.01646	.22675	.32824	-.01311

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	-.00473	.01433	.06226	.00305	-.01237	.33197	.00290
SDev	.00021	.01162	.00462	.00172	.00456	.10247	.00064
%RSD	4.3534	81.102	7.4174	56.393	36.859	30.867	22.126
#1	-.00459	.00611	.05899	.00183	-.01559	.25951	.00245
#2	-.00488	.02255	.06553	.00427	-.00914	.40443	.00335

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1
Avge	.01326	.06072	-.09948	.03812	-.00246	-.00124	-.05200
SDev	.01745	.02059	.02353	.03229	.01727	.01446	.04241
%RSD	131.64	33.915	23.657	84.719	702.13	1170.1	81.562
#1	.00092	.04616	-.08284	.01528	-.01467	-.01146	-.02201
#2	.02560	.07528	-.11612	.06095	.00975	.00899	-.08198

Elem	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Avge	.09998	.09444	-.00931	.00076	.00076	-.02561	-.00184
SDev	.02201	.02074	.01296	.00065	.00021	.11509	.00389
%RSD	22.011	21.958	139.10	84.719	28.084	449.45	211.87
#1	.11554	.07978	-.00015	.00031	.00061	-.10698	-.00459
#2	.08442	.10911	-.01848	.00122	.00091	.05577	.00091

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3276	--	--	--	--	--	--
SDev	6.841120	--	--	--	--	--	--
%RSD	.2088039	--	--	--	--	--	--
#1	3272	--	--	--	--	--	--
#2	3281	--	--	--	--	--	--

Standardization Rpt. 07/03/06 07:20:16 PM page 1

Method: TRACE2 Standard: STD 1
Run Time: 07/03/06 19:15:55

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	8.7455	1.1257	1.8643	4.3897	7.4489	14.405	.83948
SDev	.0090	.0149	.0069	.0339	.0285	.057	.00082
%RSD	.10235	1.3197	.37189	.77133	.38320	.39696	.09797
#1	8.7518	1.1363	1.8692	4.4136	7.4691	14.445	.84007
#2	8.7391	1.1152	1.8594	4.3658	7.4288	14.364	.83890

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Mo2020	Ni2316	2203/1
Avge	2.1616	.94994	1.9066	1.5503	2.0643	5.5664	2.0832
SDev	.0041	.00218	.0044	.0030	.0015	.0031	.0455
%RSD	.19116	.22905	.23049	.19249	.07325	.05624	2.1837
#1	2.1586	.95148	1.9097	1.5525	2.0653	5.5686	2.1154
#2	2.1645	.94840	1.9035	1.5482	2.0632	5.5642	2.0510

Elem	2203/2	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924
Avge	1.8979	.66205	.79253	1.4943	5.5385	.76287	.31181
SDev	.0371	.00455	.01482	.0080	.0269	.00022	.00178
%RSD	1.9570	.68739	1.8696	.53723	.48630	.02953	.56915
#1	1.8717	.66527	.78206	1.5000	5.5576	.76303	.31307
#2	1.9242	.65883	.80301	1.4886	5.5195	.76271	.31056

Elem	Zn2062	Sn1899	Ag3280
Avge	.33824	3.7073	1.7225
SDev	.00086	.0172	.0008
%RSD	.25518	.46302	.04892
#1	.33885	3.6951	1.7231
#2	.33763	3.7194	1.7219

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3273	--	--	--	--	--	--
SDev	20.89504	--	--	--	--	--	--
%RSD	.6384355	--	--	--	--	--	--
#1	3258	--	--	--	--	--	--
#2	3288	--	--	--	--	--	--

Standardization Rpt. 07/03/06 07:24:40 PM page 1

Method: TRACE2 Standard: STD 2
Run Time: 07/03/06 19:20:20

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	43.476	5.6497	8.7687	21.810	36.279	71.232	4.2058
SDev	.157	.0250	.0084	.160	.186	.443	.0140
%RSD	.36166	.44227	.09567	.73379	.51371	.62208	.33205
#1	43.587	5.6674	8.7747	21.923	36.410	71.545	4.2157
#2	43.365	5.6321	8.7628	21.697	36.147	70.919	4.1959

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Mo2020	Ni2316	2203/1
Avge	10.734	4.5032	9.4736	7.7133	10.212	28.026	10.375
SDev	.037	.0186	.0368	.0343	.022	.142	.107
%RSD	.34712	.41247	.38862	.44485	.21209	.50789	1.0311
#1	10.760	4.5164	9.4996	7.7376	10.197	28.127	10.450
#2	10.708	4.4901	9.4475	7.6890	10.227	27.926	10.299

Elem	2203/2	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924
Avge	9.4931	3.3083	4.0378	7.0431	27.310	3.8914	1.5455
SDev	.0354	.0042	.0061	.0198	.151	.0275	.0071
%RSD	.37296	.12791	.15030	.28122	.55288	.70612	.46214
#1	9.4681	3.3113	4.0335	7.0571	27.416	3.8720	1.5505
#2	9.5182	3.3054	4.0421	7.0291	27.203	3.9108	1.5404

Elem	Zn2062	Sn1899	Ag3280
Avge	1.6667	18.704	8.6200
SDev	.0064	.086	.0550
%RSD	.38622	.46043	.63773
#1	1.6713	18.765	8.6589
#2	1.6622	18.643	8.5811

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3254	--	--	--	--	--	--
SDev	21.90253	--	--	--	--	--	--
%RSD	.6730205	--	--	--	--	--	--
#1	3239	--	--	--	--	--	--
#2	3270	--	--	--	--	--	--

Standardization Rpt. 07/03/06 07:29:33 PM page 1

Method: TRACE2 Standard: STD 3
Run Time: 07/03/06 19:24:45

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	87.598	11.320	17.433	43.785	71.876	53.920	141.30
SDev	.107	.017	.023	.083	.112	.069	.25
%RSD	.12171	.14589	.13071	.18974	.15543	.12882	.17855
#1	87.673	11.309	17.449	43.843	71.955	53.969	141.48
#2	87.523	11.332	17.417	43.726	71.797	53.870	141.12

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	8.3829	21.355	8.9763	18.836	70.525	111.27	15.354
SDev	.0193	.042	.0011	.022	.140	.14	.024
%RSD	.23031	.19895	.01231	.11446	.19829	.12611	.15446
#1	8.3966	21.385	8.9771	18.851	70.624	111.37	15.371
#2	8.3693	21.325	8.9755	18.821	70.426	111.17	15.338

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1
Avge	20.464	3.2125	55.880	20.517	18.896	6.7156	8.1256
SDev	.010	.0102	.170	.009	.023	.0367	.0745
%RSD	.04652	.31665	.30351	.04464	.12338	.54718	.91694
#1	20.458	3.2197	56.000	20.511	18.880	6.6896	8.0729
#2	20.471	3.2053	55.760	20.524	18.913	6.7416	8.1782

Elem	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Avge	13.967	54.607	7.8361	3.0869	3.3017	37.408	17.297
SDev	.026	.075	.0293	.0059	.0091	.079	.014
%RSD	.18405	.13696	.37352	.19172	.27584	.21108	.08308
#1	13.949	54.660	7.8154	3.0911	3.3081	37.464	17.307
#2	13.985	54.554	7.8568	3.0827	3.2953	37.352	17.287

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3250	--	--	--	--	--	--
SDev	8.750446	--	--	--	--	--	--
%RSD	.2692434	--	--	--	--	--	--
#1	3244	--	--	--	--	--	--
#2	3256	--	--	--	--	--	--

Standardization Report 07/03/06 07:29:34 PM page 1

Method: TRACE2 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	.575071	-.046672	07/03/06 07:24:45
As1890	189.042	Multiple	Standards	.088505	.000130	07/03/06 07:24:45
B_2496	249.678	Multiple	Standards	.058231	-.006219	07/03/06 07:24:45
Ba4934	493.409	Multiple	Standards	.022882	-.000343	07/03/06 07:24:45
Be3130	313.042	Multiple	Standards	.013893	-.003145	07/03/06 07:24:45
Ca3179	317.933	STD 3	STD BLK	1.06036	-.255920	07/03/06 07:24:45
Cd2265	226.502	Multiple	Standards	.007017	.000103	07/03/06 07:24:45
Co2286	228.616	Multiple	Standards	.119001	.000560	07/03/06 07:24:45
Cr2677	267.716	Multiple	Standards	.046705	-.000672	07/03/06 07:24:45
Cu3247	324.753	Multiple	Standards	.112553	-.007006	07/03/06 07:24:45
Fe2714	271.441	Multiple	Standards	2.64093	-.008291	07/03/06 07:24:45
K_7664	766.491	STD 3	STD BLK	1.02528	-.023917	07/03/06 07:24:45
Mg2790	279.078	STD 3	STD BLK	1.05514	-.339050	07/03/06 07:24:45
Mn2576	257.610	Multiple	Standards	.064871	-.000192	07/03/06 07:24:45
Mo2020	202.030	Multiple	Standards	.048693	-.000648	07/03/06 07:24:45
Na3302	330.232	STD 3	STD BLK	1.08482	-.055194	07/03/06 07:24:45
Ni2316	231.604	Multiple	Standards	.017743	.001759	07/03/06 07:24:45
2203/1	220.351	Multiple	Standards	.049697	-.001891	07/03/06 07:24:45
2203/2	220.352	Multiple	Standards	.052221	.000126	07/03/06 07:24:45
PB2203	220.353	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
SE1960	196.026	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Sb2068	206.838	Multiple	Standards	.150738	.000190	07/03/06 07:24:45
1960/1	196.021	Multiple	Standards	.120805	.006263	07/03/06 07:24:45
1960/2	196.022	Multiple	Standards	.070358	-.007037	07/03/06 07:24:45
Ti3372	337.280	Multiple	Standards	.018356	-.001733	07/03/06 07:24:45
Tl1908	190.864	Multiple	Standards	.127115	.001192	07/03/06 07:24:45
V_2924	292.402	Multiple	Standards	.323367	-.000251	07/03/06 07:24:45
Zn2062	206.200	Multiple	Standards	.299390	-.000239	07/03/06 07:24:45
Sn1899	189.989	Multiple	Standards	.026733	.000686	07/03/06 07:24:45
Ag3280	328.068	Multiple	Standards	.057931	.000107	07/03/06 07:24:45

Standardization Readback Report 07/03/06 07:29:34 PM page 1

Method: TRACE2

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	STD BLK	.000000	.000187	-.000187
		STD 1	5.00000	4.98259	.017409
		STD 2	25.0000	24.9552	.044786
		STD 3	50.0000	50.3284	-.328373

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	STD BLK	.000000	.000002	-.000002
		STD 1	.100000	.099764	.000236
		STD 2	.500000	.500159	-.000159
		STD 3	1.00000	1.00204	-.002041

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	STD BLK	.000000	-.000008	.000008
		STD 1	.100000	.102342	-.002342
		STD 2	.500000	.504396	-.004396
		STD 3	1.00000	1.00895	-.008950

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	STD BLK	.000000	-.000001	.000001
		STD 1	.100000	.100103	-.000103
		STD 2	.500000	.498714	.001286
		STD 3	1.00000	1.00154	-.001542

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.100340	-.000340
		STD 2	.500000	.500860	-.000860
		STD 3	1.00000	.995406	.004594

CorCoef: 0.99999

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Ca3179	317.933	STD BLK	.034463	.273854	-.239391
		STD 3	56.9182	53.9196	2.99860

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	STD BLK	.000000	-.000010	.000010
		STD 1	.100000	.101181	-.001181
		STD 2	.500000	.499931	.000069
		STD 3	1.00000	.991598	.008402

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.100460	-.000460
		STD 2	.500000	.501054	-.001054
		STD 3	1.00000	.998138	.001862

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	STD BLK	.000000	-.000002	.000002
		STD 1	.100000	.100283	-.000283
		STD 2	.500000	.500652	-.000652
		STD 3	1.00000	.996691	.003309

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	STD BLK	.000000	.000002	-.000002
		STD 1	.100000	.099913	.000087
		STD 2	.500000	.499849	.000151
		STD 3	1.00000	1.00330	-.003302

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	STD BLK	.000000	-.000236	.000236
		STD 1	5.00000	5.02693	-.026934
		STD 2	25.0000	25.0107	-.010740
		STD 3	50.0000	49.7362	.263809

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	STD BLK	-.036596	-.012366	-.024230
		STD 3	72.2841	70.5251	1.75894

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Mg2790	279.078	STD BLK	.011225	.331971	-.320746
		STD 3	117.067	111.271	5.79619

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.100380	-.000380
		STD 2	.500000	.500175	-.000175
		STD 3	1.00000	.995850	.004150

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	STD BLK	.000000	-.000002	.000002
		STD 1	.100000	.099867	.000133
		STD 2	.500000	.496606	.003394
		STD 3	1.00000	.995819	.004181

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	STD BLK	.010673	.060717	-.050044
		STD 3	3.42975	3.21246	.217290

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	STD BLK	.000000	-.000006	.000006
		STD 1	.100000	.100521	-.000521
		STD 2	.500000	.499018	.000982
		STD 3	1.00000	.993210	.006790

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	STD BLK	.000000	.000003	-.000003
		STD 1	.100000	.101637	-.001637
		STD 2	.500000	.513696	-.013696
		STD 3	1.00000	1.01775	-.017751

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	STD BLK	.000000	-.000002	.000002
		STD 1	.100000	.099237	.000763
		STD 2	.500000	.495866	.004134
		STD 3	1.00000	.986909	.013091

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
PB2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
SE1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	STD BLK	.000000	.000004	-.000004
		STD 1	.100000	.099987	.000013
		STD 2	.500000	.498884	.001116
		STD 3	1.00000	1.01249	-.012490

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	STD BLK	.000000	-.000018	.000018
		STD 1	.100000	.102005	-.002005
		STD 2	.500000	.494049	.005951
		STD 3	1.00000	.987873	.012127

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.098098	.001902
		STD 2	.500000	.488500	.011500
		STD 3	1.00000	.975665	.024335

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3372	337.280	STD BLK	.000000	.000000	-.000000
		STD 1	.100000	.099931	.000069
		STD 2	.500000	.499555	.000445
		STD 3	1.00000	1.00062	-.000616

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	STD BLK	.000000	.000008	-.000008
		STD 1	.100000	.098164	.001836
		STD 2	.500000	.495849	.004151
		STD 3	1.00000	.997276	.002724

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	STD BLK	.000000	-.000004	.000004
		STD 1	.100000	.100579	-.000579
		STD 2	.500000	.499508	.000492
		STD 3	1.00000	.997956	.002044

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	STD BLK	.000000	-.000010	.000010
		STD 1	.100000	.101027	-.001027
		STD 2	.500000	.498758	.001242
		STD 3	1.00000	.988256	.011744

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	STD BLK	.000000	.000002	-.000002
		STD 1	.100000	.099791	.000209
		STD 2	.500000	.500693	-.000693
		STD 3	1.00000	1.00070	-.000701

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	STD BLK	.000000	.000001	-.000001
		STD 1	.100000	.099893	.000107
		STD 2	.500000	.499470	.000530
		STD 3	1.00000	1.00213	-.002127

CorCoef: 1.00000

Analysis Report Blank Sample 07/03/06 07:34:26 PM page 1

Method: TRACE2 Sample Name: STD 3 VER Operator: SW
Run Time: 07/03/06 19:29:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.156	.99884	.99272	.99797	.99162	49.807	.98781
SDev	.008	.00029	.00289	.00085	.00010	.013	.00034
%RSD	.01670	.02859	.29143	.08560	.00970	.02510	.03439
#1	50.150	.99904	.99477	.99858	.99169	49.798	.98757
#2	50.162	.99864	.99068	.99737	.99155	49.816	.98805
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99395	.99356	.99783	49.630	50.001	49.972	.99252
SDev	.00066	.00059	.00023	.037	.162	.001	.00018
%RSD	.06645	.05936	.02321	.07443	.32457	.00197	.01805
#1	.99441	.99314	.99800	49.657	50.116	49.971	.99265
#2	.99348	.99397	.99767	49.604	49.887	49.972	.99240
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0003	50.070	.99061	.99898	.99938	.99925	.99480
SDev	.0039	.271	.00002	.00231	.00194	.00052	.00191
%RSD	.38773	.54038	.00148	.23093	.19364	.05230	.19149
#1	.99751	49.879	.99062	1.0006	.99801	.99888	.99615
#2	1.0030	50.262	.99060	.99735	1.0007	.99962	.99345
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0080	.98604	.99919	.99682	1.0032	.99317	.98705
SDev	.0069	.00468	.00052	.00038	.0060	.00066	.00057
%RSD	.68867	.47428	.05195	.03778	.59373	.06688	.05813
#1	1.0031	.98935	.99956	.99656	.99898	.99364	.98746
#2	1.0129	.98273	.99883	.99709	1.0074	.99270	.98664
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.99843	.99828
SDev	.00196	.00011
%RSD	.19644	.01083
#1	.99704	.99820
#2	.99981	.99835
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3256	--	--	--	--	--	--
SDev	17.12973	--	--	--	--	--	--
%RSD	.5260711	--	--	--	--	--	--
#1	3244	--	--	--	--	--	--
#2	3268	--	--	--	--	--	--

Analysis Report QC Standard 07/03/06 07:39:18 PM page 1

Method: TRACE2 Sample Name: ICV Operator: SW
Run Time: 07/03/06 19:34:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.725	.37048	Q.35603	.36433	.37619	18.797	.36967
SDev	.006	.00154	.00002	.00089	.00012	.015	.00021
%RSD	.02980	.41664	.00512	.24553	.03077	.07753	.05576
#1	18.721	.37157	Q.35605	.36496	.37627	18.787	.36981
#2	18.729	.36939	Q.35602	.36369	.37611	18.807	.36952
Errors	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass
Value	18.750	.37500	.37500	.37500	.37500	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37163	.37439	.38734	18.743	18.641	18.706	.38056
SDev	.00030	.00013	.00045	.004	.013	.008	.00020
%RSD	.08155	.03352	.11676	.01995	.06931	.04298	.05231
#1	.37142	.37430	.38702	18.745	18.650	18.700	.38071
#2	.37184	.37448	.38766	18.740	18.631	18.712	.38042
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500	.37500	.37500	18.750	18.750	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37654	Q17.661	.37689	.37647	.37821	.37763	.37331
SDev	.00068	.236	.00015	.00094	.00241	.00192	.00228
%RSD	.17917	1.3373	.03863	.24962	.63589	.50765	.61003
#1	.37701	Q17.494	.37699	.37581	.37651	.37627	.37170
#2	.37606	17.828	.37678	.37714	.37991	.37898	.37492
Errors	QC Pass	QC Fail	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.37500	18.750	.37500			.37500	.37500
Range	5.0000	5.0000	5.0000			5.0000	5.0000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37392	.36970	.37512	.38215	.37819	.37444	.37213
SDev	.00117	.00272	.00205	.00023	.00320	.00073	.00056
%RSD	.31200	.73634	.54778	.06159	.84530	.19587	.15089
#1	.37310	.36777	.37367	.38232	.37593	.37392	.37173
#2	.37475	.37162	.37657	.38198	.38045	.37495	.37252
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500			.37500	.37500	.37500	.37500
Range	5.0000			5.0000	5.0000	5.0000	5.0000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.37729	.37240
SDev	.00194	.00034
%RSD	.51423	.09048
#1	.37592	.37216
#2	.37866	.37264
Errors	QC Pass	QC Pass
Value	.37500	.37500
Range	5.0000	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3280	--	--	--	--	--	--
SDev	1.537992	--	--	--	--	--	--
%RSD	.0468909	--	--	--	--	--	--
#1	3281	--	--	--	--	--	--
#2	3279	--	--	--	--	--	--

Analysis Report Blank Sample 07/03/06 07:44:10 PM page 1

Method: TRACE2 Sample Name: ICB Operator: SW
Run Time: 07/03/06 19:39:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00143	-.00026	.00004	.00030	.00038	L-.16101	.00033
SDev	.00241	.00188	.00022	.00006	.00001	.01375	.00016
%RSD	168.57	723.00	605.46	18.869	1.8970	8.5405	46.982
#1	.00027	.00107	.00020	.00026	.00038	L-.17073	.00022
#2	-.00313	-.00159	-.00012	.00034	.00039	L-.15128	.00044
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00006	.00010	.00071	.01597	.01291	L-.10226	.00032
SDev	.00031	.00025	.00018	.00123	.00839	.00819	.00003
%RSD	517.33	243.26	24.682	7.7319	65.009	8.0050	8.0216
#1	.00016	.00027	.00084	.01684	.01884	L-.10805	.00031
#2	-.00028	-.00007	.00059	.01509	.00698	L-.09647	.00034
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00144	L-.74764	.00002	-.00134	.00041	-.00017	-.00116
SDev	.00098	.06009	.00036	.00117	.00225	.00111	.00072
%RSD	67.784	8.0380	1648.5	87.537	546.92	651.61	62.481
#1	.00213	L-.79013	.00027	-.00217	.00201	.00062	-.00065
#2	.00075	L-.70514	-.00023	-.00051	-.00118	-.00096	-.00167
Errors	LC Pass	LC Low	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00036	-.00191	-.00078	.00041	-.00034	.00049	.00050
SDev	.00043	.00060	.00079	.00023	.00013	.00049	.00000
%RSD	117.01	31.176	100.77	57.894	37.499	100.06	.51722
#1	-.00067	-.00149	-.00022	.00057	-.00043	.00084	.00050
#2	-.00006	-.00233	-.00134	.00024	-.00025	.00014	.00049
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00104	.00075
SDev	.00053	.00020
%RSD	50.647	27.225
#1	-.00142	.00089
#2	-.00067	.00060
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3266	--	--	--	--	--	--
SDev	12.83392	--	--	--	--	--	--
%RSD	.3929883	--	--	--	--	--	--
#1	3257	--	--	--	--	--	--
#2	3275	--	--	--	--	--	--

Analysis Report Blank Sample 07/03/06 07:49:01 PM page 1

Method: TRACE2 Sample Name: CRI Operator: SW
Run Time: 07/03/06 19:44:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18264	.00970	.05677	.00200	.00215	.32146	.00104
SDev	.00091	.00281	.00006	.00007	.00002	.01082	.00001
%RSD	.49832	28.927	.09714	3.4113	.77183	3.3659	1.0971
#1	.18200	.00772	.05673	.00195	.00214	.31381	.00103
#2	.18329	.01169	.05681	.00204	.00216	.32911	.00105
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.07500	.00300	.00300	.75000	.00150
Low	.10000	.00500	.02500	.00100	.00100	.25000	.00050

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00416	.00361	.01090	.05844	.44199	L.07642	.00301
SDev	.00032	.00039	.00027	.00813	.00483	.00922	.00001
%RSD	7.8039	10.853	2.4801	13.917	1.0928	12.069	.26631
#1	.00393	.00333	.01071	.06419	.44541	L.06990	.00302
#2	.00439	.00389	.01109	.05269	.43858	L.08294	.00300
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01073	L.13674	.01025	.00346	.00725	.00599	.01388
SDev	.00011	.17216	.00034	.00057	.00142	.00076	.00034
%RSD	1.0554	125.90	3.3383	16.461	19.609	12.665	2.4838
#1	.01081	L.25848	.01001	.00387	.00625	.00545	.01364
#2	.01065	L.01501	.01049	.00306	.00826	.00653	.01413
Errors	LC Pass	LC Low	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01500	1.5000	.01500			.00750	.02250
Low	.00500	.50000	.00500			.00250	.00750

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02190	.01103	.01531	.00505	.02008	.00507	.01088
SDev	.00066	.00027	.00038	.00015	.00063	.00026	.00036
%RSD	3.0101	2.4834	2.4840	2.9190	3.1529	5.2359	3.2930
#1	.02143	.01083	.01504	.00515	.02053	.00488	.01063
#2	.02237	.01122	.01558	.00494	.01963	.00526	.01114
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.03000			.00750	.03000	.00750	.01500
Low	.01000			.00250	.01000	.00250	.00500

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00641	.00328
SDev	.00001	.00008
%RSD	.22581	2.5221
#1	.00640	.00334
#2	.00642	.00323
Errors	LC Pass	LC Pass
High	.01500	.00450
Low	.00500	.00150

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3283	--	--	--	--	--	--
SDev	8.220117	--	--	--	--	--	--
%RSD	.2503833	--	--	--	--	--	--
#1	3277	--	--	--	--	--	--
#2	3289	--	--	--	--	--	--

Analysis Report QC Standard 07/03/06 07:53:52 PM page 1

Method: TRACE2 Sample Name: ICSA Operator: SW
Run Time: 07/03/06 19:49:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	504.99	-.00182	.02098	.00130	.00118	529.87	.00175
SDev	1.26	.00079	.00116	.00009	.00002	1.39	.00033
%RSD	.24915	43.134	5.5108	6.7037	1.4332	.26166	18.774
#1	505.88	-.00238	.02016	.00137	.00117	530.85	.00152
#2	504.10	-.00127	.02179	.00124	.00119	528.89	.00198
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value	500.00					500.00	
Range	100.00					100.00	

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00048	.00009	.00100	193.78	-.00079	508.40	.00054
SDev	.00022	.00014	.00054	.46	.01633	1.53	.00004
%RSD	45.840	144.32	53.645	.23491	2063.0	.30044	7.6601
#1	.00032	-.00000	.00138	194.10	.01076	509.48	.00051
#2	.00064	.00019	.00062	193.45	-.01234	507.32	.00057
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK	QC Pass	NOCHECK
Value				200.00		500.00	
Range				40.000		100.00	

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01800	-.54070	.00016	.05413	-.00618	.01391	.00766
SDev	.00085	.04841	.00020	.00294	.00045	.00128	.00308
%RSD	4.7350	8.9530	131.26	5.4335	7.2421	9.1881	40.174
#1	.01740	-.57493	.00001	.05621	-.00586	.01481	.00983
#2	.01860	-.50647	.00030	.05205	-.00649	.01300	.00548
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00197	.00826	.00736	.00146	.00404	-.00104	.00467
SDev	.00323	.00271	.00597	.00014	.00264	.00001	.00000
%RSD	164.20	32.851	81.153	9.7975	65.438	.60832	.03777
#1	.00032	.00634	.01158	.00156	.00591	-.00104	.00467
#2	-.00425	.01018	.00314	.00136	.00217	-.00105	.00467
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00067	.00050
SDev	.00009	.00058
%RSD	13.760	116.19
#1	.00061	.00090
#2	.00074	.00009
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3064	--	--	--	--	--	--
SDev	15.27358	--	--	--	--	--	--
%RSD	.4984279	--	--	--	--	--	--
#1	3054	--	--	--	--	--	--
#2	3075	--	--	--	--	--	--

Analysis Report QC Standard 07/03/06 07:58:43 PM page 1

Method: TRACE2 Sample Name: ICSAB Operator: SW
Run Time: 07/03/06 19:53:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	509.27	.10254	.00478	.52154	.52106	537.76	.96755
SDev	.51	.00086	.00098	.00053	.00000	.12	.00020
%RSD	.10039	.83996	20.443	.10187	.00010	.02246	.02092
#1	509.63	.10193	.00548	.52192	.52106	537.85	.96769
#2	508.91	.10315	.00409	.52117	.52106	537.68	.96740
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48779	.49621	.54427	97.312	-.00379	492.13	.49825
SDev	.00034	.00027	.00004	.044	.00956	.08	.00016
%RSD	.06864	.05526	.00720	.04510	252.20	.01710	.03289
#1	.48802	.49641	.54430	97.281	.00297	492.19	.49836
#2	.48755	.49602	.54424	97.343	-.01055	492.07	.49813
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00838	-.49568	.93433	.08903	.02512	.04640	.05027
SDev	.00162	.15339	.00009	.00136	.00276	.00139	.00252
%RSD	19.360	30.945	.00961	1.5219	10.976	2.9912	5.0234
#1	.00953	-.60415	.93439	.08998	.02317	.04542	.05205
#2	.00724	-.38722	.93427	.08807	.02707	.04738	.04848
Errors	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value			1.0000			.05000	.05000
Range			.20000			.01000	.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.61324	.05287	.04896	.00108	.10271	.49947	.93611
SDev	.00190	.01064	.00153	.00001	.00533	.00028	.00025
%RSD	.30929	20.133	3.1349	.83989	5.1885	.05675	.02703
#1	.61458	.06040	.04788	.00107	.09895	.49967	.93628
#2	.61189	.04535	.05005	.00108	.10648	.49927	.93593
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.60000				.10000	.50000	1.0000
Range	.12000				.02000	.10000	.20000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00119	.21565
SDev	.00092	.00015
%RSD	77.263	.07079
#1	.00054	.21576
#2	.00183	.21554
Errors	NOCHECK	QC Pass
Value		.20000
Range		.04000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3070	--	--	--	--	--	--
SDev	9.015612	--	--	--	--	--	--
%RSD	.2937064	--	--	--	--	--	--
#1	3063	--	--	--	--	--	--
#2	3076	--	--	--	--	--	--

Analysis Report QC Standard 07/03/06 08:05:00 PM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 07/03/06 20:00:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.137	.49116	.47171	.48580	.50122	25.303	.49081
SDev	.000	.00134	.00050	.00086	.00056	.010	.00024
%RSD	.00199	.27277	.10505	.17686	.11262	.04005	.04951
#1	25.137	.49022	.47136	.48641	.50162	25.310	.49064
#2	25.138	.49211	.47206	.48519	.50083	25.296	.49099
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49446	.49908	.51885	24.997	24.890	25.010	.50685
SDev	.00037	.00082	.00063	.007	.022	.009	.00002
%RSD	.07480	.16452	.12228	.02718	.08784	.03549	.00383
#1	.49472	.49966	.51930	24.992	24.905	25.004	.50686
#2	.49420	.49850	.51840	25.002	24.874	25.016	.50684
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49857	23.807	.50136	.50203	.50090	.50128	.50172
SDev	.00216	.104	.00045	.00021	.00007	.00012	.00625
%RSD	.43238	.43754	.09035	.04168	.01451	.02357	1.2451
#1	.49704	23.734	.50104	.50218	.50095	.50136	.50614
#2	.50009	23.881	.50168	.50188	.50085	.50119	.49730
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49850	.49689	.50414	.50942	.50577	.49962	.49258
SDev	.00068	.01560	.00157	.00009	.00357	.00026	.00003
%RSD	.13711	3.1390	.31182	.01733	.70595	.05288	.00569
#1	.49802	.50792	.50525	.50936	.50324	.49980	.49256
#2	.49898	.48586	.50303	.50948	.50829	.49943	.49260
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50539	.49623
SDev	.00034	.00044
%RSD	.06749	.08934
#1	.50515	.49655
#2	.50563	.49592
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3261	--	--	--	--	--	--
SDev	13.15208	--	--	--	--	--	--
%RSD	.4033236	--	--	--	--	--	--
#1	3252	--	--	--	--	--	--
#2	3270	--	--	--	--	--	--

Analysis Report Blank Sample 07/03/06 08:09:53 PM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 07/03/06 20:05:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07483	.00028	-.00003	.00039	.00044	L-.10149	.00060
SDev	.01629	.00113	.00091	.00010	.00001	.01893	.00013
%RSD	21.766	403.75	2849.0	25.645	2.5287	18.651	21.601
#1	.06331	.00108	-.00068	.00046	.00045	L-.11488	.00070
#2	.08635	-.00052	.00061	.00032	.00043	L-.08811	.00051
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00047	.00045	.00062	.03333	.01062	L-.04071	.00036
SDev	.00013	.00015	.00009	.00505	.02575	.01342	.00000
%RSD	27.284	33.136	14.421	15.152	242.39	32.975	.34172
#1	.00056	.00034	.00069	.02975	.02883	L-.05020	.00037
#2	.00038	.00055	.00056	.03690	-.00758	-.03122	.00036
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00127	L-.69260	.00063	-.00096	.00016	-.00022	-.00108
SDev	.00063	.01748	.00005	.00104	.00201	.00100	.00339
%RSD	49.221	2.5240	7.0991	108.47	1297.5	461.09	313.38
#1	.00171	L-.68024	.00060	-.00022	-.00127	-.00092	.00132
#2	.00083	L-.70496	.00066	-.00170	.00158	.00049	-.00348
Errors	LC Pass	LC Low	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00359	-.00143	-.00091	.00057	.00042	.00064	.00072
SDev	.00074	.01015	.00001	.00044	.00063	.00014	.00007
%RSD	20.663	708.12	1.2798	77.079	149.91	21.535	9.2077
#1	.00412	.00575	-.00090	.00088	-.00003	.00054	.00077
#2	.00307	-.00861	-.00091	.00026	.00086	.00074	.00068
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00080	.00073
SDev	.00300	.00063
%RSD	373.24	86.221
#1	.00132	.00117
#2	-.00292	.00028
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3267	--	--	--	--	--	--
SDev	7.318624	--	--	--	--	--	--
%RSD	.2240012	--	--	--	--	--	--
#1	3262	--	--	--	--	--	--
#2	3272	--	--	--	--	--	--

Analysis Report 07/03/06 08:14:45 PM page 1

Method: TRACE2 Sample Name: AD638208/(1:5) Operator: SW
Run Time: 07/03/06 20:09:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0887	.00800	.21525	.39065	.00999	60.606	.00982
SDev	.0040	.00003	.00110	.00139	.00001	.098	.00016
%RSD	.36491	.40096	.51305	.35627	.12800	.16243	1.6049
#1	1.0859	.00802	.21447	.39163	.01000	60.675	.00993
#2	1.0916	.00798	.21603	.38966	.00998	60.536	.00971
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09959	.03969	.05302	1.1150	4.3765	18.788	.12709
SDev	.00053	.00014	.00057	.0009	.0211	.027	.00026
%RSD	.52912	.35845	1.0689	.07731	.48278	.14193	.20565
#1	.09996	.03959	.05342	1.1156	4.3915	18.807	.12728
#2	.09921	.03980	.05262	1.1144	4.3616	18.769	.12691
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00205	175.07	.10061	.00575	.00574	.00574	.00696
SDev	.00022	.45	.00046	.00111	.00026	.00020	.00382
%RSD	10.592	.25506	.45753	19.342	4.5601	3.4139	54.890
#1	.00190	175.38	.10094	.00497	.00592	.00560	.00426
#2	.00220	174.75	.10028	.00654	.00555	.00588	.00966
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01957	.00871	.00608	.02202	.00812	.10100	.10366
SDev	.00006	.00324	.00411	.00587	.00123	.00050	.00043
%RSD	.32213	37.144	67.596	26.637	15.129	.49763	.41171
#1	.01961	.00642	.00318	.01787	.00899	.10135	.10396
#2	.01952	.01100	.00899	.02617	.00725	.10064	.10336
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00136	.01042
SDev	.00002	.00012
%RSD	1.2920	1.1873
#1	-.00137	.01033
#2	-.00135	.01051
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3214	--	--	--	--	--	--
SDev	9.121609	--	--	--	--	--	--
%RSD	.2838439	--	--	--	--	--	--
#1	3207	--	--	--	--	--	--
#2	3220	--	--	--	--	--	--

Analysis Report 07/03/06 08:19:37 PM page 1

Method: TRACE2 Sample Name: AD638209/(1:10) Operator: SW
Run Time: 07/03/06 20:14:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06287	-.00150	.39249	.00167	.00009	21.061	.00020
SDev	.01294	.00065	.00144	.00008	.00000	.024	.00009
%RSD	20.580	43.510	.36641	4.6178	3.9458	.11184	46.182
#1	.05372	-.00196	.39351	.00172	.00009	21.045	.00013
#2	.07201	-.00104	.39147	.00161	.00009	21.078	.00027
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00009	.00191	.00707	.13956	4.7198	14.462	.00653
SDev	.00055	.00021	.00044	.00802	.0059	.016	.00011
%RSD	587.03	11.203	6.1534	5.7445	.12477	.11138	1.6705
#1	-.00029	.00176	.00676	.13389	4.7240	14.450	.00645
#2	.00048	.00206	.00737	.14523	4.7157	14.473	.00660
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00063	321.86	.00191	.00137	.00488	.00371	-.00063
SDev	.00014	1.01	.00056	.00237	.00014	.00088	.00289
%RSD	22.014	.31491	28.969	172.86	2.8401	23.750	461.33
#1	.00053	321.14	.00152	.00305	.00498	.00433	-.00267
#2	.00073	322.58	.00231	-.00030	.00478	.00309	.00142
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	-.00352	.00082	.00229	-.00057	.00045	.01103
SDev	.00118	.00338	.00264	.00059	.00049	.00028	.00039
%RSD	6667.3	95.993	321.71	26.003	86.532	63.053	3.5048
#1	.00082	-.00591	-.00105	.00187	-.00091	.00025	.01076
#2	-.00085	-.00113	.00269	.00271	-.00022	.00065	.01131
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00054	.00007
SDev	.00150	.00000
%RSD	277.42	.03832
#1	-.00160	.00007
#2	.00052	.00007
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3215	--	--	--	--	--	--
SDev	2.439656	--	--	--	--	--	--
%RSD	.0758830	--	--	--	--	--	--
#1	3213	--	--	--	--	--	--
#2	3217	--	--	--	--	--	--

Analysis Report 07/03/06 08:24:29 PM page 1

Method: TRACE2 Sample Name: AD638210/(1:10) Operator: SW
Run Time: 07/03/06 20:19:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02692	.00073	.37873	.00105	.00006	19.317	.00016
SDev	.00811	.00019	.00059	.00003	.00000	.008	.00006
%RSD	30.125	26.221	.15689	2.4603	6.1780	.04001	35.551
#1	.02119	.00060	.37915	.00103	.00006	19.311	.00021
#2	.03266	.00087	.37831	.00107	.00006	19.322	.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00014	.00027	.00317	.06187	4.4534	13.347	.00484
SDev	.00000	.00011	.00026	.00428	.0036	.011	.00006
%RSD	1.0096	38.808	8.3711	6.9147	.08110	.08001	1.1512
#1	-.00014	.00035	.00298	.06489	4.4560	13.340	.00480
#2	-.00014	.00020	.00336	.05884	4.4509	13.355	.00488
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	306.16	.00082	-.00044	.00155	.00089	-.00175
SDev	.00010	.42	.00015	.00032	.00008	.00005	.00101
%RSD	311.11	.13562	17.750	72.955	5.3411	5.8062	57.593
#1	.00010	305.87	.00092	-.00067	.00161	.00085	-.00247
#2	-.00004	306.45	.00071	-.00021	.00149	.00092	-.00104
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00043	-.00029	-.00249	.00057	-.00005	-.00000	.00590
SDev	.00205	.00350	.00023	.00040	.00158	.00007	.00038
%RSD	483.32	1203.1	9.3396	70.891	2891.8	7896.8	6.3623
#1	.00188	-.00276	-.00232	.00028	.00106	.00005	.00564
#2	-.00103	.00218	-.00265	.00086	-.00117	-.00005	.00617
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00078	.00023
SDev	.00032	.00013
%RSD	41.406	54.653
#1	-.00055	.00032
#2	-.00101	.00014
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3219	--	--	--	--	--	--
SDev	9.970275	--	--	--	--	--	--
%RSD	.3097537	--	--	--	--	--	--
#1	3212	--	--	--	--	--	--
#2	3226	--	--	--	--	--	--

Analysis Report 07/03/06 08:29:21 PM page 1

Method: TRACE2 Sample Name: AD638213/(1:5) Operator: SW
Run Time: 07/03/06 20:24:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.170	.00408	1.3671	2.3351	.00050	466.95	.00269
SDev	.015	.00032	.0023	.0044	.00002	.12	.00003
%RSD	.08016	7.8028	.16871	.18957	3.0388	.02465	1.2086
#1	19.180	.00385	1.3687	2.3382	.00049	467.03	.00267
#2	19.159	.00431	1.3655	2.3320	.00051	466.87	.00271
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00673	.03905	.13636	96.437	78.580	80.432	1.6692
SDev	.00029	.00000	.00015	.067	.018	.056	.0018
%RSD	4.2577	.00855	.10866	.06904	.02281	.06968	.10991
#1	.00653	.03905	.13647	96.484	78.592	80.471	1.6705
#2	.00694	.03905	.13626	96.390	78.567	80.392	1.6679
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01117	162.35	.03474	.17291	.17296	.17294	.00560
SDev	.00018	.51	.00022	.00225	.00199	.00058	.00091
%RSD	1.6516	.31389	.62091	1.3033	1.1503	.33342	16.167
#1	.01104	161.99	.03490	.17451	.17155	.17254	.00624
#2	.01130	162.71	.03459	.17132	.17437	.17335	.00496
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00045	.00086	.00797	.18478	.00387	.01611	2.4224
SDev	.00249	.00029	.00121	.00204	.00041	.00001	.0006
%RSD	552.50	33.393	15.237	1.1023	10.685	.08532	.02600
#1	-.00131	.00106	.00883	.18622	.00358	.01612	2.4228
#2	.00221	.00066	.00711	.18334	.00416	.01610	2.4219
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.02490	.00067
SDev	.00026	.00003
%RSD	1.0532	3.7554
#1	.02509	.00065
#2	.02472	.00068
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3209	--	--	--	--	--	--
SDev	2.757647	--	--	--	--	--	--
%RSD	.0859261	--	--	--	--	--	--
#1	3207	--	--	--	--	--	--
#2	3211	--	--	--	--	--	--

Analysis Report 07/03/06 08:34:13 PM page 1

Method: TRACE2 Sample Name: AD638215/(1:20) Operator: SW
Run Time: 07/03/06 20:29:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01605	-.00063	.24851	.00272	.00017	116.12	.00018
SDev	.00925	.00196	.00093	.00003	.00001	.06	.00010
%RSD	57.607	309.96	.37435	1.0721	2.7038	.04894	51.947
#1	.00951	-.00202	.24785	.00269	.00018	116.08	.00012
#2	.02259	.00075	.24917	.00274	.00017	116.16	.00025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00029	.00073	.00090	.12686	10.840	78.362	.00795
SDev	.00006	.00039	.00003	.00867	.007	.037	.00004
%RSD	18.922	53.231	3.5773	6.8331	.06299	.04710	.49858
#1	.00025	.00046	.00088	.12073	10.845	78.336	.00792
#2	.00033	.00101	.00093	.13299	10.835	78.388	.00798
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00061	H673.52	.00063	-.00126	-.00065	-.00085	.00047
SDev	.00009	.71	.00052	.00314	.00033	.00082	.00051
%RSD	14.035	.10538	81.890	248.42	51.819	96.534	108.32
#1	.00055	H673.02	.00027	.00096	-.00088	-.00027	.00011
#2	.00068	H674.03	.00100	-.00348	-.00041	-.00143	.00083
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	.00233	-.00046	.00055	-.00078	.00006	.00707
SDev	.00279	.00101	.00127	.00030	.00063	.00000	.00002
%RSD	819.39	43.071	274.17	54.798	80.924	1.3613	.24309
#1	-.00163	.00304	-.00136	.00076	-.00033	.00006	.00708
#2	.00231	.00162	.00043	.00034	-.00123	.00006	.00706
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00027	.00054
SDev	.00091	.00018
%RSD	334.01	34.576
#1	-.00091	.00067
#2	.00037	.00040
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3116	--	--	--	--	--	--
SDev	7.371623	--	--	--	--	--	--
%RSD	.2365400	--	--	--	--	--	--
#1	3111	--	--	--	--	--	--
#2	3122	--	--	--	--	--	--

Analysis Report 07/03/06 08:39:05 PM page 1

Method: TRACE2 Sample Name: AD638217/(1:5) Operator: SW
Run Time: 07/03/06 20:34:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07029	-.00094	.24523	.00210	.00010	119.23	.00001
SDev	.00268	.00107	.00107	.00002	.00002	.12	.00005
%RSD	3.8083	113.40	.43603	.73628	16.035	.10268	385.03
#1	.06839	-.00170	.24599	.00211	.00012	119.32	-.00002
#2	.07218	-.00019	.24448	.00209	.00009	119.14	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00004	.00168	.00048	.03905	8.0644	36.130	.00781
SDev	.00021	.00021	.00006	.00427	.0326	.036	.00001
%RSD	525.83	12.238	11.710	10.940	.40464	.09897	.11256
#1	-.00011	.00183	.00052	.04207	8.0875	36.155	.00780
#2	.00019	.00154	.00044	.03603	8.0413	36.105	.00781
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00013	225.84	.00124	-.00190	.00019	-.00051	.00144
SDev	.00003	.18	.00018	.00090	.00167	.00081	.00277
%RSD	19.294	.07860	14.653	47.262	872.86	160.93	191.88
#1	.00015	225.97	.00137	-.00127	-.00099	-.00108	-.00051
#2	.00011	225.72	.00111	-.00254	.00137	.00007	.00340
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00139	.00387	.00023	.00010	-.00067	.00010	.00126
SDev	.00201	.00044	.00437	.00013	.00060	.00050	.00014
%RSD	144.15	11.432	1924.5	124.54	89.264	488.84	11.024
#1	-.00003	.00418	-.00286	.00020	-.00109	.00046	.00135
#2	.00281	.00356	.00332	.00001	-.00025	-.00025	.00116
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00096	.00051
SDev	.00109	.00027
%RSD	113.27	52.479
#1	-.00019	.00071
#2	-.00173	.00032
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3208	--	--	--	--	--	--
SDev	13.68241	--	--	--	--	--	--
%RSD	.4265025	--	--	--	--	--	--
#1	3198	--	--	--	--	--	--
#2	3218	--	--	--	--	--	--

Analysis Report 07/03/06 08:43:57 PM page 1

Method: TRACE2 Sample Name: AD638218/(1:10) Operator: SW
Run Time: 07/03/06 20:39:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0531	.00058	.48783	.00709	.00047	479.21	.00035
SDev	.1002	.00057	.01951	.00048	.00002	17.98	.00000
%RSD	9.5134	98.468	3.9984	6.7776	4.2558	3.7526	1.1498
#1	1.1239	.00018	.50162	.00743	.00049	491.92	.00035
#2	.98223	.00098	.47403	.00675	.00046	466.49	.00035
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00362	.37465	.00719	2.6733	42.601	318.29	.09661
SDev	.00035	.01403	.00048	.1044	1.804	12.23	.00345
%RSD	9.6519	3.7448	6.6230	3.9041	4.2344	3.8418	3.5701
#1	.00387	.38457	.00753	2.7471	43.877	326.94	.09905
#2	.00337	.36473	.00685	2.5995	41.326	309.65	.09417
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00599	H1693.0	.18242	.00241	.00144	.00176	-.00187
SDev	.00005	40.7	.00692	.00016	.00002	.00004	.00023
%RSD	.74893	2.4020	3.7930	6.6043	1.5663	2.1602	12.325
#1	.00595	H1721.8	.18731	.00253	.00142	.00179	-.00203
#2	.00602	H1664.3	.17753	.00230	.00145	.00174	-.00170
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00174	.00428	-.00494	.03599	.00020	.00264	.01044
SDev	.00368	.00161	.00115	.00896	.00335	.00007	.00010
%RSD	211.81	37.657	23.303	24.903	1708.5	2.6589	.97254
#1	.00434	.00542	-.00575	.04233	.00257	.00259	.01037
#2	-.00086	.00314	-.00413	.02965	-.00217	.00269	.01051
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00023	.00034
SDev	.00170	.00033
%RSD	739.42	96.449
#1	-.00143	.00057
#2	.00097	.00011

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2902	--	--	--	--	--	--
SDev	13.36425	--	--	--	--	--	--
%RSD	.4605106	--	--	--	--	--	--
#1	2893	--	--	--	--	--	--
#2	2912	--	--	--	--	--	--

Analysis Report 07/03/06 08:48:49 PM page 1

Method: TRACE2 Sample Name: AD638218/(1:50) Operator: SW
Run Time: 07/03/06 20:44:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.26116	-.00155	.12564	.00184	.00011	97.662	.00001
SDev	.04983	.00033	.01970	.00034	.00003	18.327	.00013
%RSD	19.081	21.025	15.676	18.431	28.890	18.766	1143.6
#1	.29639	-.00178	.13957	.00209	.00014	110.62	.00010
#2	.22592	-.00132	.11172	.00160	.00009	84.702	-.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00047	.08028	.00193	.57617	6.8155	65.586	.02069
SDev	.00024	.01544	.00039	.11180	1.3639	12.472	.00394
%RSD	50.426	19.236	20.059	19.405	20.012	19.016	19.052
#1	.00064	.09120	.00220	.65523	7.7799	74.405	.02348
#2	.00030	.06936	.00166	.49711	5.8511	56.767	.01790
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00081	482.48	.03917	.00127	.00307	.00247	-.00247
SDev	.00028	76.79	.00770	.00072	.00063	.00018	.00021
%RSD	34.465	15.916	19.665	56.509	20.444	7.2634	8.6823
#1	.00101	536.78	.04462	.00076	.00352	.00260	-.00232
#2	.00061	428.18	.03373	.00178	.00263	.00235	-.00262
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00110	.00113	-.00427	.00878	-.00194	.00060	.00503
SDev	.00139	.00126	.00095	.00140	.00297	.00007	.00036
%RSD	126.64	112.07	22.351	15.997	152.91	11.441	7.2200
#1	.00208	.00023	-.00359	.00977	-.00404	.00055	.00529
#2	.00011	.00202	-.00494	.00779	.00016	.00064	.00477
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00139	-.00005
SDev	.00206	.00004
%RSD	148.53	84.243
#1	-.00284	-.00008
#2	.00007	-.00002
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3192	--	--	--	--	--	--
SDev	22.75120	--	--	--	--	--	--
%RSD	.7126981	--	--	--	--	--	--
#1	3176	--	--	--	--	--	--
#2	3208	--	--	--	--	--	--

Analysis Report 07/03/06 08:53:41 PM page 1

Method: TRACE2 Sample Name: AD638456/PB Operator: SW
Run Time: 07/03/06 20:48:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04939	-.00019	H.01195	.00010	-.00006	.03779	.00003
SDev	.00153	.00022	.00009	.00001	.00001	.00200	.00005
%RSD	3.0870	119.05	.78839	10.875	19.640	5.2849	151.47
#1	.05047	-.00003	H.01202	.00010	-.00005	.03638	.00007
#2	.04832	-.00035	H.01189	.00009	-.00007	.03920	-.00000
Errors	LC Pass	LC Pass	LC High	LC Pass	LC Pass	LC Pass	LC Pass
High	.05500	.00748	.00396	.00037	.00055	.04620	.00075
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00021	-.00004	-.00005	.00400	.00011	L-.08013	.00007
SDev	.00028	.00006	.00044	.00395	.00763	.00166	.00001
%RSD	132.95	146.78	972.78	98.686	6720.6	2.0760	18.613
#1	-.00001	.00000	.00027	.00679	.00551	L-.07895	.00006
#2	-.00040	-.00008	-.00036	.00121	-.00528	L-.08131	.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	.00174	.00097	.00183	.03740	.05280	.01584	.00035
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00043	-.39037	.00016	-.00121	.00042	-.00012	-.00095
SDev	.00075	.04744	.00044	.00065	.00011	.00014	.00147
%RSD	176.48	12.154	273.14	54.211	26.498	117.14	155.58
#1	-.00011	-.35683	-.00015	-.00074	.00034	-.00002	.00009
#2	.00096	-.42392	.00047	-.00167	.00050	-.00022	-.00199
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.00141	.74580	.00308			.00352	.01342
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00155	.00061	-.00172	.00004	-.00056	.00019	.00205
SDev	.00029	.00681	.00120	.00022	.00165	.00007	.00007
%RSD	18.840	1112.6	69.453	583.13	293.71	37.030	3.3151
#1	-.00176	.00543	-.00257	.00020	-.00173	.00024	.00210
#2	-.00135	-.00420	-.00088	-.00012	.00061	.00014	.00201
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.01210			.00128	.01452	.00216	.00792
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00061	.00035
SDev	.00108	.00015
%RSD	175.76	41.946
#1	-.00138	.00025
#2	.00015	.00045
Errors	LC Pass	LC Pass
High	.00968	.00198
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3331	--	--	--	--	--	--
SDev	6.151794	--	--	--	--	--	--
%RSD	.1846720	--	--	--	--	--	--
#1	3327	--	--	--	--	--	--
#2	3336	--	--	--	--	--	--

Analysis Report 07/03/06 08:58:33 PM page 1

Method: TRACE2 Sample Name: AD638455/FB Operator: SW
Run Time: 07/03/06 20:53:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.225	.20301	.19947	.20234	.20192	9.8041	.20460
SDev	.021	.00092	.00011	.00012	.00001	.0057	.00018
%RSD	.20845	.45321	.05517	.06009	.00714	.05778	.08823
#1	10.240	.20366	.19939	.20243	.20193	9.8001	.20447
#2	10.209	.20236	.19955	.20226	.20191	9.8082	.20473
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19920	.20442	.21242	10.128	10.125	9.7884	.19762
SDev	.00020	.00074	.00029	.010	.006	.0007	.00009
%RSD	.10236	.36065	.13838	.09635	.05554	.00680	.04375
#1	.19934	.20390	.21222	10.121	10.129	9.7879	.19768
#2	.19905	.20495	.21263	10.134	10.121	9.7888	.19756
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20368	9.1716	.20798	.20233	.20221	.20225	.20171
SDev	.00020	.0327	.00079	.00198	.00026	.00049	.00323
%RSD	.09718	.35645	.37962	.97793	.12642	.24147	1.5995
#1	.20382	9.1484	.20742	.20373	.20203	.20260	.20399
#2	.20354	9.1947	.20853	.20093	.20240	.20191	.19943
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.23000	11.500	.23000			.23000	.23000
Low	.17000	8.5000	.17000			.17000	.17000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20115	.20284	.20115	.20146	.20384	.20115	.19881
SDev	.00214	.00560	.00204	.00042	.00064	.00009	.00018
%RSD	1.0657	2.7609	1.0138	.20802	.31314	.04220	.08878
#1	.20267	.20680	.20259	.20176	.20429	.20121	.19893
#2	.19964	.19888	.19971	.20117	.20339	.20109	.19868
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000			.23000	.23000	.23000	.23000
Low	.17000			.17000	.17000	.17000	.17000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20587	.05166
SDev	.00000	.00040
%RSD	.00189	.78291
#1	.20587	.05195
#2	.20588	.05138

Errors	LC Pass	LC Pass
High	.23000	.05750
Low	.17000	.04250

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3316	--	--	--	--	--	--
SDev	9.333775	--	--	--	--	--	--
%RSD	.2814345	--	--	--	--	--	--
#1	3310	--	--	--	--	--	--
#2	3323	--	--	--	--	--	--

Analysis Report QC Standard 07/03/06 09:04:51 PM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 07/03/06 21:00:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.002	.48966	.47200	.48464	.50225	25.191	.49165
SDev	.050	.00150	.00012	.00004	.00059	.007	.00092
%RSD	.20044	.30608	.02567	.00887	.11659	.02773	.18646
#1	25.037	.49072	.47192	.48467	.50266	25.196	.49230
#2	24.966	.48860	.47209	.48461	.50183	25.186	.49100
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49504	.49930	.51844	24.984	24.857	25.050	.50650
SDev	.00139	.00123	.00081	.079	.118	.043	.00126
%RSD	.28167	.24619	.15617	.31694	.47356	.16969	.24842
#1	.49603	.50017	.51901	25.040	24.940	25.080	.50738
#2	.49406	.49843	.51787	24.928	24.774	25.020	.50561
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49875	23.995	.50074	.49780	.49993	.49922	.50025
SDev	.00051	.066	.00114	.00204	.00164	.00177	.00240
%RSD	.10219	.27577	.22795	.40906	.32862	.35533	.48030
#1	.49839	24.042	.50154	.49924	.50109	.50047	.49855
#2	.49911	23.949	.49993	.49636	.49877	.49796	.50195
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49657	.49571	.50253	.50941	.49794	.49954	.49327
SDev	.00501	.00631	.00045	.00069	.00194	.00103	.00053
%RSD	1.0084	1.2722	.08973	.13596	.38941	.20701	.10806
#1	.50011	.49125	.50221	.50989	.49931	.50027	.49364
#2	.49303	.50017	.50285	.50892	.49656	.49880	.49289
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50638	.49576
SDev	.00517	.00063
%RSD	1.0204	.12740
#1	.51003	.49621
#2	.50273	.49531
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3303	--	--	--	--	--	--
SDev	16.44023	--	--	--	--	--	--
%RSD	.4977590	--	--	--	--	--	--
#1	3291	--	--	--	--	--	--
#2	3314	--	--	--	--	--	--

Analysis Report Blank Sample 07/03/06 09:09:43 PM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 07/03/06 21:04:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00517	.00032	-.00038	.00037	.00042	L-.13596	.00037
SDev	.00160	.00048	.00012	.00009	.00001	.01352	.00015
%RSD	30.917	149.43	32.350	23.719	2.9285	9.9477	41.728
#1	.00404	-.00002	-.00047	.00030	.00041	L-.14552	.00026
#2	.00631	.00067	-.00029	.00043	.00043	L-.12640	.00048
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00011	.00000	.00043	.01415	.00641	L-.08544	.00037
SDev	.00028	.00041	.00019	.00902	.00763	.00863	.00004
%RSD	263.19	27922.	43.609	63.706	119.16	10.105	10.941
#1	-.00009	-.00029	.00056	.00778	.01180	L-.09155	.00034
#2	.00031	.00029	.00030	.02052	.00101	L-.07934	.00040
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00189	L-.55015	.00043	-.00087	-.00009	-.00035	-.00258
SDev	.00016	.20033	.00004	.00071	.00129	.00062	.00073
%RSD	8.5800	36.413	8.6979	81.749	1502.1	180.73	28.437
#1	.00200	L-.69181	.00040	-.00037	-.00100	-.00079	-.00309
#2	.00178	-.40850	.00046	-.00137	.00083	.00010	-.00206
Errors	LC Pass	LC Low	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00377	-.00144	-.00314	.00060	-.00003	.00058	.00063
SDev	.00127	.00226	.00223	.00016	.00271	.00076	.00006
%RSD	33.641	157.44	70.946	27.400	9205.2	130.53	9.9801
#1	.00287	.00016	-.00472	.00048	-.00194	.00004	.00058
#2	.00467	-.00304	-.00157	.00072	.00189	.00112	.00067
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00061	.00025
SDev	.00088	.00020
%RSD	143.92	80.159
#1	.00123	.00011
#2	-.00001	.00039
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3293	--	--	--	--	--	--
SDev	7.742784	--	--	--	--	--	--
%RSD	.2351482	--	--	--	--	--	--
#1	3287	--	--	--	--	--	--
#2	3298	--	--	--	--	--	--

Analysis Report 07/03/06 09:14:35 PM page 1

Method: TRACE2 Sample Name: AD638439 Operator: SW
Run Time: 07/03/06 21:09:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	274.83	.12546	.41082	2.1998	.01309	C.00000	.03919
SDev	.13	.00176	.00001	.0030	.00001	.00000	.00008
%RSD	.04739	1.4020	.00298	.13433	.10227	.00000	.19692
#1	274.92	.12421	.41081	2.2019	.01310	C.00000	.03914
#2	274.74	.12670	.41083	2.1977	.01308	C.00000	.03924
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18527	.37205	.83202	410.75	77.164	692.45	11.657
SDev	.00038	.00012	.00125	.43	.197	1.45	.018
%RSD	.20782	.03095	.15031	.10405	.25479	.20942	.15275
#1	.18554	.37213	.83290	411.05	77.303	693.48	11.670
#2	.18500	.37197	.83113	410.44	77.025	691.43	11.645
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05609	H723.97	.44762	.79876	.76616	.77702	.00567
SDev	.00001	1.01	.00018	.00550	.00043	.00212	.00020
%RSD	.01041	.13916	.04121	.68906	.05662	.27311	3.5879
#1	.05609	H724.68	.44775	.80265	.76647	.77852	.00553
#2	.05610	H723.25	.44749	.79487	.76586	.77552	.00581
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00694	.00783	.00459	3.7105	.02307	.51049	4.2114
SDev	.00289	.00001	.00030	.0083	.00079	.00063	.0000
%RSD	41.654	.13461	6.5339	.22298	3.4073	.12324	.00046
#1	-.00899	.00782	.00438	3.7164	.02362	.51094	4.2114
#2	-.00490	.00784	.00480	3.7047	.02251	.51005	4.2114
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.02871	.00068
SDev	.00075	.00019
%RSD	2.6204	28.257
#1	.02924	.00082
#2	.02818	.00055
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4089	--	--	--	--	--	--
SDev	16.01607	--	--	--	--	--	--
%RSD	.3916796	--	--	--	--	--	--
#1	4078	--	--	--	--	--	--
#2	4100	--	--	--	--	--	--

Analysis Report 07/03/06 09:19:27 PM page 1

Method: TRACE2 Sample Name: AD638440 Operator: SW
Run Time: 07/03/06 21:14:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.29878	.00205	.06250	.00419	.00044	130.65	-.00013
SDev	.04051	.00036	.00098	.00034	.00002	.25	.00001
%RSD	13.559	17.818	1.5642	8.1140	4.6034	.19194	8.7407
#1	.32742	.00231	.06180	.00443	.00046	130.83	-.00013
#2	.27013	.00179	.06319	.00395	.00043	130.47	-.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00018	.02093	.00827	.36683	230.82	3.0992	.20787
SDev	.00002	.00006	.00001	.05247	1.13	.0711	.00138
%RSD	12.597	.26381	.06072	14.304	.49116	2.2936	.66456
#1	.00020	.02097	.00827	.40393	230.01	3.1495	.20885
#2	.00017	.02089	.00826	.32973	231.62	3.0489	.20690
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06657	63.700	.31314	.00104	.00047	.00066	-.00011
SDev	.00012	.174	.00020	.00294	.00109	.00025	.00024
%RSD	.17690	.27302	.06378	282.91	233.20	38.714	216.03
#1	.06649	63.577	.31328	.00312	-.00030	.00084	-.00028
#2	.06666	63.823	.31300	-.00104	.00123	.00048	.00006
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00225	-.00007	-.00013	.00622	-.00027	.00462	.10636
SDev	.00197	.00269	.00099	.00231	.00211	.00037	.00085
%RSD	87.459	3929.3	757.31	37.179	785.05	7.9844	.79931
#1	.00086	-.00197	.00057	.00786	.00122	.00436	.10696
#2	.00364	.00183	-.00083	.00459	-.00176	.00488	.10576
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.01519	.00032
SDev	.00093	.00003
%RSD	6.1424	8.6422
#1	.01585	.00034
#2	.01453	.00030
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3034	--	--	--	--	--	--
SDev	6.257964	--	--	--	--	--	--
%RSD	.2062323	--	--	--	--	--	--
#1	3030	--	--	--	--	--	--
#2	3039	--	--	--	--	--	--

Analysis Report 07/03/06 09:24:20 PM page 1

Method: TRACE2 Sample Name: AD638441 Operator: SW
Run Time: 07/03/06 21:19:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9148	.00440	.05900	.06157	.00015	58.085	.00005
SDev	.0258	.00013	.00040	.00006	.00013	.315	.00021
%RSD	1.3499	2.9943	.66941	.09188	86.347	.54166	399.81
#1	1.9331	.00449	.05872	.06153	.00025	58.308	.00020
#2	1.8966	.00431	.05928	.06161	.00006	57.863	-.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00113	.00194	.00675	1.4404	5.5086	15.665	.13083
SDev	.00038	.00031	.00039	.0237	.1228	.106	.00058
%RSD	33.768	16.185	5.7325	1.6445	2.2295	.67576	.44593
#1	.00140	.00216	.00703	1.4571	5.5955	15.740	.13124
#2	.00086	.00172	.00648	1.4236	5.4218	15.591	.13042
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00679	85.692	.00410	.00501	.01375	.01084	.00118
SDev	.00044	.676	.00015	.00418	.00074	.00189	.00071
%RSD	6.5499	.78945	3.5874	83.384	5.4056	17.410	60.254
#1	.00648	86.170	.00421	.00206	.01322	.00950	.00067
#2	.00711	85.214	.00400	.00796	.01427	.01217	.00168
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00131	-.00398	.00375	.05322	-.00098	.00452	.01483
SDev	.00256	.00111	.00051	.00058	.00108	.00097	.00026
%RSD	194.79	28.022	13.471	1.0817	110.20	21.563	1.7866
#1	-.00050	-.00477	.00340	.05363	-.00174	.00521	.01501
#2	.00312	-.00319	.00411	.05281	-.00022	.00383	.01464
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00078	-.00047
SDev	.00235	.00007
%RSD	300.31	14.094
#1	.00245	-.00051
#2	-.00088	-.00042
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3234	--	--	--	--	--	--
SDev	85.11798	--	--	--	--	--	--
%RSD	2.632186	--	--	--	--	--	--
#1	3174	--	--	--	--	--	--
#2	3294	--	--	--	--	--	--

Analysis Report 07/03/06 09:29:12 PM page 1

Method: TRACE2 Sample Name: AD638442 Operator: SW
Run Time: 07/03/06 21:24:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.68402	-.00021	.08193	.04359	-.00003	27.846	.00013
SDev	.00129	.00024	.00171	.00006	.00000	.044	.00004
%RSD	.18876	111.47	2.0918	.13572	6.5829	.15667	31.752
#1	.68311	-.00004	.08314	.04363	-.00004	27.815	.00016
#2	.68493	-.00038	.08072	.04355	-.00003	27.877	.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00126	.00321	.01223	2.5273	7.1678	2.2779	.14551
SDev	.00026	.00002	.00016	.0090	.0284	.0190	.00025
%RSD	20.312	.55729	1.2805	.35704	.39648	.83544	.17319
#1	.00144	.00320	.01234	2.5209	7.1879	2.2644	.14534
#2	.00108	.00323	.01211	2.5337	7.1477	2.2913	.14569
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00218	192.71	.00620	.01327	.01368	.01355	-.00164
SDev	.00034	.12	.00009	.00168	.00030	.00076	.00125
%RSD	15.645	.06369	1.4504	12.692	2.2118	5.6302	76.348
#1	.00242	192.80	.00626	.01208	.01347	.01301	-.00076
#2	.00194	192.62	.00614	.01446	.01390	.01408	-.00253
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01191	-.00148	-.00172	.03174	-.00119	.00209	.09140
SDev	.00021	.00240	.00308	.00104	.00174	.00035	.00036
%RSD	1.7931	162.87	178.70	3.2639	145.97	16.950	.38814
#1	.01206	-.00318	.00045	.03247	.00004	.00234	.09115
#2	.01176	.00022	-.00390	.03101	-.00243	.00184	.09165
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00180	-.00025
SDev	.00001	.00036
%RSD	.43250	142.77
#1	-.00180	-.00051
#2	-.00179	.00000
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3304	--	--	--	--	--	--
SDev	10.34144	--	--	--	--	--	--
%RSD	.3130247	--	--	--	--	--	--
#1	3296	--	--	--	--	--	--
#2	3311	--	--	--	--	--	--

Analysis Report 07/03/06 09:34:04 PM page 1

Method: TRACE2 Sample Name: AD638443 Operator: SW
Run Time: 07/03/06 21:29:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.68543	.00110	.08587	.04256	-.00002	29.000	.00020
SDev	.00793	.00018	.00048	.00004	.00001	.041	.00013
%RSD	1.1574	16.108	.56306	.08685	29.377	.14173	64.030
#1	.67982	.00098	.08621	.04254	-.00002	28.971	.00029
#2	.69104	.00123	.08553	.04259	-.00002	29.029	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00156	.00380	.01360	2.8099	7.6193	2.1692	.15893
SDev	.00002	.00001	.00025	.0136	.0058	.0165	.00022
%RSD	1.2614	.32869	1.8469	.48537	.07654	.76065	.14004
#1	.00155	.00381	.01378	2.8003	7.6234	2.1575	.15877
#2	.00158	.00379	.01342	2.8196	7.6152	2.1809	.15909
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00231	207.98	.01064	.01483	.01569	.01540	.00021
SDev	.00047	.14	.00008	.00024	.00200	.00142	.00199
%RSD	20.507	.06726	.76936	1.6413	12.755	9.1911	958.68
#1	.00198	208.08	.01070	.01501	.01710	.01641	-.00120
#2	.00265	207.88	.01058	.01466	.01427	.01440	.00162
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01177	.00316	-.00127	.03243	-.00080	.00223	.10399
SDev	.00043	.01152	.00277	.00164	.00028	.00027	.00003
%RSD	3.6901	365.01	218.78	5.0723	34.212	12.087	.03271
#1	.01146	-.00499	.00069	.03127	-.00100	.00204	.10401
#2	.01208	.01130	-.00322	.03360	-.00061	.00242	.10397
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00019	.00041
SDev	.00033	.00028
%RSD	172.61	68.744
#1	.00043	.00021
#2	-.00004	.00062
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3296	--	--	--	--	--	--
SDev	9.227778	--	--	--	--	--	--
%RSD	.2799923	--	--	--	--	--	--
#1	3289	--	--	--	--	--	--
#2	3302	--	--	--	--	--	--

Analysis Report 07/03/06 09:38:56 PM page 1

Method: TRACE2 Sample Name: AD638444 Operator: SW
Run Time: 07/03/06 21:34:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.66002	.00104	.08528	.04397	-.00003	31.655	.00010
SDev	.00108	.00094	.00022	.00028	.00001	.045	.00004
%RSD	.16345	90.957	.25593	.63712	47.961	.14206	37.616
#1	.65926	.00171	.08513	.04416	-.00002	31.687	.00007
#2	.66079	.00037	.08544	.04377	-.00004	31.623	.00013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00165	.00340	.01337	3.0448	7.8782	2.2836	.16771
SDev	.00001	.00010	.00002	.0015	.0309	.0087	.00030
%RSD	.45721	2.9760	.17715	.04954	.39223	.37912	.17831
#1	.00166	.00332	.01335	3.0459	7.9000	2.2897	.16792
#2	.00165	.00347	.01339	3.0437	7.8563	2.2775	.16750
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00204	238.77	.00754	.01444	.01675	.01598	-.00081
SDev	.00013	.61	.00111	.00064	.00229	.00131	.00445
%RSD	6.2271	.25589	14.704	4.4033	13.666	8.2286	548.17
#1	.00212	239.20	.00675	.01489	.01513	.01505	-.00396
#2	.00195	238.33	.00832	.01399	.01837	.01691	.00233
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01361	.00017	-.00130	.03359	.00003	.00257	.09785
SDev	.00011	.00441	.00447	.00111	.00088	.00036	.00008
%RSD	.82128	2552.4	342.53	3.3016	2853.2	14.040	.08316
#1	.01353	-.00295	-.00446	.03281	.00065	.00283	.09791
#2	.01369	.00329	.00185	.03438	-.00059	.00232	.09779
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00041	.00006
SDev	.00151	.00037
%RSD	371.67	672.42
#1	.00066	.00032
#2	-.00147	-.00021
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3292	--	--	--	--	--	--
SDev	15.69774	--	--	--	--	--	--
%RSD	.4768811	--	--	--	--	--	--
#1	3281	--	--	--	--	--	--
#2	3303	--	--	--	--	--	--

Analysis Report 07/03/06 09:43:49 PM page 1

Method: TRACE2 Sample Name: AD638444/L (1:5) Operator: SW
Run Time: 07/03/06 21:39:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17630	-.00085	.01817	.00959	-.00002	6.3570	.00004
SDev	.01013	.00073	.00026	.00002	.00000	.0710	.00009
%RSD	5.7462	86.348	1.4019	.15645	18.176	1.1165	229.47
#1	.16913	-.00033	.01835	.00958	-.00002	6.3069	-.00003
#2	.18346	-.00137	.01799	.00960	-.00002	6.4072	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	.00057	.00308	.63366	1.4008	.38710	.03412
SDev	.00020	.00006	.00003	.01291	.0089	.02476	.00040
%RSD	46.681	9.9245	.97285	2.0369	.63744	6.3970	1.1786
#1	.00058	.00053	.00310	.62453	1.4072	.36959	.03383
#2	.00029	.00061	.00306	.64279	1.3945	.40461	.03440
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00096	45.127	.00144	.00181	.00242	.00221	-.00180
SDev	.00006	.139	.00049	.00140	.00162	.00154	.00280
%RSD	6.2444	.30725	34.312	77.471	66.910	69.781	155.35
#1	.00092	45.225	.00109	.00082	.00127	.00112	.00018
#2	.00100	45.029	.00179	.00280	.00356	.00330	-.00378
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00368	-.00130	-.00205	.00725	-.00160	.00062	.01983
SDev	.00025	.00571	.00134	.00037	.00064	.00014	.00001
%RSD	6.9138	437.66	65.548	5.0584	40.347	21.994	.02907
#1	.00386	.00273	-.00110	.00751	-.00205	.00052	.01983
#2	.00350	-.00534	-.00300	.00699	-.00114	.00072	.01984
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00134	.00012
SDev	.00199	.00009
%RSD	149.19	75.187
#1	.00007	.00018
#2	-.00275	.00005
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3279	--	--	--	--	--	--
SDev	9.705110	--	--	--	--	--	--
%RSD	.2960082	--	--	--	--	--	--
#1	3272	--	--	--	--	--	--
#2	3286	--	--	--	--	--	--

Analysis Report Blank Sample 07/03/06 09:52:56 PM page 1

Method: TRACE2 Sample Name: CRI Operator: SW
Run Time: 07/03/06 21:48:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20131	.01058	.05543	.00224	.00208	.50330	.00089
SDev	.01310	.00112	.00141	.00013	.00002	.08487	.00004
%RSD	6.5087	10.585	2.5428	5.8208	.70550	16.863	4.9222
#1	.19205	.01137	.05444	.00215	.00207	.44329	.00086
#2	.21058	.00979	.05643	.00233	.00209	.56332	.00093
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.07500	.00300	.00300	.75000	.00150
Low	.10000	.00500	.02500	.00100	.00100	.25000	.00050

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00380	.00380	.01080	H.08312	.46527	.13238	.00404
SDev	.00028	.00023	.00019	.01756	.01611	.03200	.00050
%RSD	7.3315	5.9659	1.7732	21.119	3.4634	24.171	12.334
#1	.00360	.00363	.01093	.07071	.47666	.10976	.00369
#2	.00400	.00396	.01066	H.09554	.45387	.15501	.00440
Errors	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01036	L.28715	.01025	.00473	.00428	.00443	.01450
SDev	.00006	.14632	.00006	.00013	.00051	.00030	.00246
%RSD	.59748	50.954	.54373	2.6576	11.913	6.7339	16.948
#1	.01032	L.18369	.01029	.00464	.00464	.00464	.01276
#2	.01040	L.39062	.01021	.00482	.00392	.00422	.01623
Errors	LC Pass	LC Low	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01500	1.5000	.01500			.00750	.02250
Low	.00500	.50000	.00500			.00250	.00750

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02170	.01631	.01359	.00527	.01998	.00498	.01100
SDev	.00188	.00134	.00436	.00003	.00002	.00013	.00038
%RSD	8.6474	8.2219	32.054	.60863	.09720	2.6697	3.4078
#1	.02037	.01726	.01051	.00529	.01999	.00489	.01073
#2	.02302	.01536	.01667	.00525	.01997	.00507	.01126
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.03000			.00750	.03000	.00750	.01500
Low	.01000			.00250	.01000	.00250	.00500

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00610	.00311
SDev	.00049	.00057
%RSD	8.0560	18.360
#1	.00644	.00271
#2	.00575	.00352
Errors	LC Pass	LC Pass
High	.01500	.00450
Low	.00500	.00150

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3277	--	--	--	--	--	--
SDev	3.924477	--	--	--	--	--	--
%RSD	.1197591	--	--	--	--	--	--
#1	3274	--	--	--	--	--	--
#2	3280	--	--	--	--	--	--

Analysis Report QC Standard 07/03/06 09:57:46 PM page 1

Method: TRACE2 Sample Name: ICSA Operator: SW
Run Time: 07/03/06 21:52:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	506.83	.00156	.02116	.00138	.00109	530.31	.00135
SDev	.85	.00075	.00040	.00003	.00002	1.10	.00013
%RSD	.16788	47.607	1.9061	2.5073	1.8786	.20747	9.7841
#1	507.43	.00104	.02087	.00140	.00110	531.09	.00126
#2	506.23	.00209	.02144	.00135	.00107	529.54	.00145
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value	500.00					500.00	
Range	100.00					100.00	

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00071	-.00066	.00089	194.19	-.00178	507.49	.00121
SDev	.00044	.00040	.00053	.31	.01116	1.39	.00016
%RSD	61.329	61.285	58.892	.15946	627.77	.27317	12.997
#1	.00040	-.00094	.00052	194.41	.00612	508.47	.00110
#2	.00102	-.00037	.00127	193.97	-.00967	506.51	.00132
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK	QC Pass	NOCHECK
Value				200.00		500.00	
Range				40.000		100.00	

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01762	-.66436	.00074	.04890	-.00485	.01305	.00957
SDev	.00040	.00136	.00027	.00655	.00418	.00061	.00094
%RSD	2.2711	.20534	36.659	13.400	86.326	4.6643	9.8167
#1	.01790	-.66339	.00055	.05354	-.00781	.01262	.00891
#2	.01733	-.66532	.00093	.04427	-.00189	.01348	.01024
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00584	.00650	.01111	.00148	.00832	-.00096	.00500
SDev	.00379	.00708	.00495	.00017	.00181	.00044	.00014
%RSD	64.937	108.97	44.547	11.813	21.727	45.244	2.8043
#1	.00852	.01150	.00761	.00161	.00960	-.00127	.00490
#2	.00316	.00149	.01461	.00136	.00704	-.00065	.00510
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00318	-.00038
SDev	.00036	.00008
%RSD	11.191	21.514
#1	.00343	-.00044
#2	.00293	-.00032
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3080	--	--	--	--	--	--
SDev	14.79624	--	--	--	--	--	--
%RSD	.4803995	--	--	--	--	--	--
#1	3070	--	--	--	--	--	--
#2	3090	--	--	--	--	--	--

Analysis Report QC Standard 07/03/06 10:02:38 PM page 1

Method: TRACE2 Sample Name: ICSAB Operator: SW
Run Time: 07/03/06 21:57:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	510.79	.10368	.00409	.52628	.52204	537.10	.96478
SDev	.14	.00017	.00071	.00056	.00044	.76	.00142
%RSD	.02734	.16606	17.299	.10627	.08488	.14086	.14747
#1	510.89	.10380	.00359	.52668	.52236	537.63	.96579
#2	510.69	.10356	.00459	.52589	.52173	536.56	.96377
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48684	.49611	.54783	97.441	-.00605	490.67	.49771
SDev	.00121	.00075	.00101	.070	.02045	.47	.00046
%RSD	.24956	.15024	.18497	.07219	338.12	.09661	.09149
#1	.48770	.49664	.54854	97.491	.00841	491.01	.49803
#2	.48598	.49558	.54711	97.391	-.02051	490.34	.49739
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00924	-.85962	.93415	.08549	.02734	.04670	.05335
SDev	.00021	.03625	.00204	.00604	.00362	.00040	.00124
%RSD	2.2923	4.2167	.21796	7.0649	13.251	.86720	2.3235
#1	.00909	-.83399	.93559	.08976	.02478	.04642	.05248
#2	.00939	-.88525	.93271	.08122	.02990	.04699	.05423
Errors	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value			1.0000			.05000	.05000
Range			.20000			.01000	.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.61477	.05617	.05195	.00118	.10244	.49960	.93382
SDev	.00318	.00052	.00160	.00015	.00598	.00174	.00048
%RSD	.51672	.92423	3.0800	12.412	5.8370	.34819	.05176
#1	.61252	.05580	.05081	.00108	.09821	.50083	.93416
#2	.61702	.05654	.05308	.00128	.10667	.49837	.93348
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.60000				.10000	.50000	1.0000
Range	.12000				.02000	.10000	.20000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00022	.21645
SDev	.00176	.00004
%RSD	793.28	.01930
#1	.00147	.21648
#2	-.00102	.21642
Errors	NOCHECK	QC Pass
Value		.20000
Range		.04000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3083	--	--	--	--	--	--
SDev	14.79624	--	--	--	--	--	--
%RSD	.4798853	--	--	--	--	--	--
#1	3073	--	--	--	--	--	--
#2	3094	--	--	--	--	--	--

Analysis Report QC Standard 07/03/06 10:08:55 PM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 07/03/06 22:04:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.055	.48813	.46951	.48698	.49964	25.204	.48800
SDev	.041	.00068	.00036	.00116	.00090	.004	.00063
%RSD	.16385	.13957	.07670	.23791	.18091	.01761	.12953
#1	25.026	.48861	.46925	.48780	.50028	25.201	.48844
#2	25.084	.48765	.46976	.48616	.49900	25.207	.48755
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49171	.49674	.51685	24.952	24.881	24.873	.50453
SDev	.00066	.00021	.00056	.024	.003	.026	.00043
%RSD	.13416	.04173	.10827	.09659	.01294	.10440	.08521
#1	.49218	.49660	.51724	24.969	24.879	24.855	.50484
#2	.49125	.49689	.51645	24.935	24.884	24.891	.50423
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49630	23.808	.49930	.49958	.49931	.49940	.49692
SDev	.00059	.044	.00076	.00070	.00085	.00033	.00047
%RSD	.11811	.18348	.15230	.13938	.16963	.06669	.09564
#1	.49671	23.839	.49984	.50007	.49871	.49917	.49725
#2	.49588	23.777	.49877	.49909	.49991	.49964	.49658
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49838	.49611	.49733	.50748	.50056	.49752	.48949
SDev	.00437	.00215	.00036	.00050	.00215	.00080	.00136
%RSD	.87644	.43307	.07266	.09837	.42855	.16119	.27707
#1	.49529	.49762	.49708	.50783	.49904	.49809	.49045
#2	.50146	.49459	.49759	.50712	.50208	.49695	.48854
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50187	.49521
SDev	.00049	.00049
%RSD	.09667	.09874
#1	.50222	.49487
#2	.50153	.49556
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3277	--	--	--	--	--	--
SDev	11.24293	--	--	--	--	--	--
%RSD	.3431279	--	--	--	--	--	--
#1	3269	--	--	--	--	--	--
#2	3285	--	--	--	--	--	--

Analysis Report Blank Sample 07/03/06 10:13:47 PM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 07/03/06 22:08:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07994	-.00114	-.00045	.00037	.00045	L-.09202	.00052
SDev	.02235	.00302	.00055	.00002	.00000	.02648	.00008
%RSD	27.965	264.70	121.64	5.9365	.85602	28.778	14.683
#1	.06413	-.00327	-.00084	.00039	.00044	L-.11074	.00057
#2	.09575	.00099	-.00006	.00036	.00045	L-.07329	.00046
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	.00034	.00092	.03449	.00667	-.03759	.00045
SDev	.00018	.00006	.00024	.00013	.01669	.01713	.00004
%RSD	71.339	16.773	26.333	.38972	250.28	45.585	8.8450
#1	.00038	.00030	.00110	.03459	.01847	L-.04970	.00042
#2	.00012	.00038	.00075	.03440	-.00513	-.02547	.00048
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00110	L-.76197	-.00043	-.00142	.00090	.00013	-.00069
SDev	.00048	.13566	.00061	.00027	.00017	.00003	.00130
%RSD	43.349	17.804	141.64	18.859	18.937	19.227	188.48
#1	.00144	L-.66604	-.00086	-.00123	.00078	.00011	.00023
#2	.00077	L-.85790	.00000	-.00161	.00102	.00015	-.00161
Errors	LC Pass	LC Low	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00272	.00119	-.00163	.00044	.00145	.00074	.00049
SDev	.00072	.00403	.00006	.00019	.00248	.00014	.00013
%RSD	26.604	338.10	3.6137	44.322	171.20	18.526	25.731
#1	.00324	.00404	-.00168	.00057	.00320	.00064	.00040
#2	.00221	-.00166	-.00159	.00030	-.00030	.00083	.00058
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00002	.00035
SDev	.00249	.00028
%RSD	12166.	77.410
#1	-.00174	.00016
#2	.00178	.00055
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3271	--	--	--	--	--	--
SDev	10.18227	--	--	--	--	--	--
%RSD	.3112701	--	--	--	--	--	--
#1	3264	--	--	--	--	--	--
#2	3278	--	--	--	--	--	--

Analysis Report 07/03/06 10:18:40 PM page 1

Method: TRACE2 Sample Name: AD638444/PS Operator: SW
Run Time: 07/03/06 22:13:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.517	.20876	.27729	.24466	.20368	40.773	.20227
SDev	.026	.00010	.00149	.00054	.00045	.072	.00049
%RSD	.24837	.04942	.53751	.21892	.22069	.17570	.24135
#1	10.535	.20884	.27835	.24504	.20400	40.824	.20261
#2	10.498	.20869	.27624	.24428	.20336	40.723	.20192
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20188	.20638	.22777	13.224	18.653	12.293	.36348
SDev	.00058	.00061	.00089	.020	.048	.022	.00070
%RSD	.28814	.29380	.39036	.14857	.25551	.17850	.19268
#1	.20230	.20681	.22840	13.238	18.686	12.309	.36398
#2	.20147	.20595	.22714	13.210	18.619	12.278	.36299
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20685	242.75	.21239	.21852	.21985	.21941	.20559
SDev	.00110	.50	.00006	.00082	.00129	.00113	.00086
%RSD	.53066	.20509	.02974	.37385	.58545	.51527	.41850
#1	.20607	243.11	.21234	.21910	.22076	.22021	.20619
#2	.20763	242.40	.21243	.21795	.21894	.21861	.20498
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21643	.20427	.20625	.24465	.20491	.20547	.29168
SDev	.00077	.00149	.00055	.00046	.00180	.00073	.00028
%RSD	.35417	.73000	.26424	.18707	.87649	.35702	.09449
#1	.21589	.20533	.20663	.24497	.20364	.20599	.29188
#2	.21697	.20322	.20586	.24432	.20618	.20495	.29149
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20339	.05135
SDev	.00017	.00036
%RSD	.08346	.70873
#1	.20327	.05161
#2	.20351	.05109
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3291	--	--	--	--	--	--
SDev	16.17507	--	--	--	--	--	--
%RSD	.4915668	--	--	--	--	--	--
#1	3279	--	--	--	--	--	--
#2	3302	--	--	--	--	--	--

Analysis Report 07/03/06 10:23:32 PM page 1

Method: TRACE2 Sample Name: AD638445/MS Operator: SW
Run Time: 07/03/06 22:18:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.004	.20907	.27795	.24861	.20460	42.323	.20563
SDev	.006	.00041	.00012	.00003	.00002	.051	.00028
%RSD	.05058	.19784	.04457	.01005	.00936	.12039	.13667
#1	11.000	.20878	.27786	.24860	.20459	42.287	.20544
#2	11.008	.20937	.27804	.24863	.20462	42.359	.20583
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20333	.20904	.23197	13.406	18.905	12.386	.37203
SDev	.00018	.00009	.00075	.015	.083	.024	.00009
%RSD	.09065	.04116	.32176	.11548	.44161	.19500	.02488
#1	.20346	.20898	.23144	13.395	18.964	12.369	.37209
#2	.20320	.20910	.23250	13.417	18.846	12.403	.37196
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20890	248.24	.21755	.21857	.21916	.21897	.20346
SDev	.00048	.03	.00028	.00380	.00244	.00036	.00072
%RSD	.22859	.01292	.13036	1.7390	1.1134	.16525	.35547
#1	.20856	248.22	.21775	.22126	.21744	.21871	.20397
#2	.20923	248.27	.21734	.21589	.22089	.21922	.20295
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21923	.20517	.20261	.23957	.21023	.20660	.29695
SDev	.00424	.00378	.00081	.00223	.00102	.00040	.00013
%RSD	1.9346	1.8440	.39816	.92895	.48624	.19357	.04521
#1	.21623	.20784	.20204	.24114	.20951	.20688	.29685
#2	.22223	.20249	.20318	.23800	.21095	.20632	.29704
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.21171	.05204
SDev	.00026	.00011
%RSD	.12467	.21361
#1	.21152	.05196
#2	.21190	.05212

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3291	--	--	--	--	--	--
SDev	6.363961	--	--	--	--	--	--
%RSD	.1933615	--	--	--	--	--	--
#1	3287	--	--	--	--	--	--
#2	3296	--	--	--	--	--	--

Analysis Report 07/03/06 10:28:25 PM page 1

Method: TRACE2 Sample Name: AD638446/SD Operator: SW
Run Time: 07/03/06 22:23:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.159	.20472	.28513	.25290	.20250	42.032	.20355
SDev	.021	.00123	.00084	.00043	.00028	.016	.00024
%RSD	.19079	.59932	.29514	.16830	.13558	.03892	.11690
#1	11.144	.20559	.28454	.25320	.20269	42.044	.20372
#2	11.174	.20385	.28573	.25260	.20230	42.021	.20338
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20130	.20729	.23033	13.233	19.236	12.176	.36806
SDev	.00017	.00000	.00045	.001	.006	.001	.00020
%RSD	.08235	.00127	.19526	.00858	.03206	.00746	.05482
#1	.20142	.20729	.23065	13.232	19.240	12.176	.36820
#2	.20118	.20729	.23001	13.234	19.232	12.175	.36791
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20757	252.07	.21537	.21720	.21812	.21781	.20120
SDev	.00001	.39	.00171	.00147	.00264	.00225	.00071
%RSD	.00533	.15326	.79257	.67630	1.2095	1.0324	.35199
#1	.20757	251.79	.21658	.21824	.21999	.21940	.20170
#2	.20758	252.34	.21417	.21616	.21625	.21622	.20070
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21844	.20258	.20052	.23670	.20361	.20459	.29486
SDev	.00153	.00038	.00087	.00022	.00022	.00005	.00051
%RSD	.70249	.18886	.43440	.09498	.10990	.02371	.17303
#1	.21735	.20285	.20114	.23686	.20377	.20463	.29522
#2	.21952	.20231	.19990	.23654	.20345	.20456	.29450
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.21443	.05368
SDev	.00004	.00001
%RSD	.01742	.01525
#1	.21446	.05367
#2	.21441	.05368
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3282	--	--	--	--	--	--
SDev	18.61455	--	--	--	--	--	--
%RSD	.5670867	--	--	--	--	--	--
#1	3269	--	--	--	--	--	--
#2	3296	--	--	--	--	--	--

Analysis Report 07/03/06 10:33:17 PM page 1

Method: TRACE2 Sample Name: AD638447 Operator: SW
Run Time: 07/03/06 22:28:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49458	.00120	.08566	.04127	.00012	31.473	.00029
SDev	.00181	.00143	.00058	.00008	.00002	.103	.00002
%RSD	.36697	118.30	.67728	.19667	18.796	.32883	8.0174
#1	.49330	.00221	.08607	.04133	.00014	31.547	.00027
#2	.49587	.00020	.08525	.04121	.00010	31.400	.00031
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00133	.00266	.01002	2.2010	7.8131	2.2429	.15885
SDev	.00023	.00014	.00027	.0098	.0101	.0079	.00044
%RSD	17.463	5.1480	2.6520	.44746	.12881	.35143	.27987
#1	.00150	.00256	.01021	2.2080	7.8202	2.2485	.15916
#2	.00117	.00276	.00984	2.1941	7.8060	2.2373	.15854
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00264	239.38	.00617	.00959	.01058	.01025	.00017
SDev	.00072	.11	.00030	.00053	.00090	.00078	.00186
%RSD	27.310	.04469	4.8870	5.5178	8.5245	7.5878	1103.6
#1	.00213	239.46	.00639	.00922	.00994	.00970	.00149
#2	.00315	239.31	.00596	.00996	.01122	.01080	-.00115
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01066	.00037	.00007	.02324	.00124	.00187	.08000
SDev	.00012	.00205	.00382	.00090	.00065	.00029	.00053
%RSD	1.1232	558.31	5535.0	3.8551	52.049	15.386	.66364
#1	.01058	-.00109	.00277	.02388	.00078	.00207	.08038
#2	.01075	.00182	-.00263	.02261	.00170	.00166	.07963
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00031	.00046
SDev	.00003	.00012
%RSD	7.9016	26.802
#1	.00029	.00037
#2	.00033	.00055
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3282	--	--	--	--	--	--
SDev	13.78858	--	--	--	--	--	--
%RSD	.4201466	--	--	--	--	--	--
#1	3272	--	--	--	--	--	--
#2	3292	--	--	--	--	--	--

Analysis Report 07/03/06 10:38:09 PM page 1

Method: TRACE2 Sample Name: AD638448 Operator: SW
Run Time: 07/03/06 22:33:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21970	-.00029	.03928	.03734	.00004	70.080	-.00013
SDev	.00189	.00058	.00059	.00008	.00001	.022	.00006
%RSD	.86208	198.02	1.4967	.21501	15.154	.03081	46.680
#1	.22104	-.00070	.03887	.03740	.00003	70.095	-.00017
#2	.21837	.00012	.03970	.03729	.00004	70.065	-.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	-.00000	.00412	.27948	2.8553	28.860	.08024
SDev	.00023	.00030	.00028	.00201	.0051	.008	.00009
%RSD	1560.7	11964.	6.8894	.72008	.17710	.02911	.11773
#1	-.00018	.00021	.00392	.27806	2.8589	28.866	.08030
#2	.00015	-.00022	.00432	.28091	2.8517	28.854	.08017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00052	28.228	.00075	-.00132	-.00092	-.00106	-.00033
SDev	.00042	.305	.00016	.00095	.00035	.00008	.00038
%RSD	81.709	1.0813	21.807	71.518	38.063	7.6425	116.51
#1	.00082	28.444	.00064	-.00065	-.00117	-.00100	-.00059
#2	.00022	28.012	.00087	-.00199	-.00068	-.00111	-.00006
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00195	.00379	-.00238	.00375	-.00244	.00078	.00444
SDev	.00226	.00092	.00011	.00054	.00017	.00021	.00014
%RSD	115.96	24.308	4.5906	14.297	7.1245	26.484	3.2118
#1	-.00035	.00314	-.00246	.00413	-.00232	.00063	.00454
#2	-.00354	.00444	-.00231	.00337	-.00256	.00093	.00434
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00066	-.00007
SDev	.00065	.00030
%RSD	97.945	429.27
#1	.00020	-.00028
#2	.00112	.00014
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3272	--	--	--	--	--	--
SDev	9.545941	--	--	--	--	--	--
%RSD	.2917909	--	--	--	--	--	--
#1	3265	--	--	--	--	--	--
#2	3278	--	--	--	--	--	--

Analysis Report 07/03/06 10:43:02 PM page 1

Method: TRACE2 Sample Name: AD638449 Operator: SW
Run Time: 07/03/06 22:38:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.42282	.10384	.61682	.00627	.00011	98.187	.00008
SDev	.00590	.00017	.00159	.00004	.00001	.060	.00001
%RSD	1.3962	.16214	.25749	.63930	10.812	.06125	15.571
#1	.41865	.10396	.61569	.00630	.00010	98.229	.00007
#2	.42700	.10372	.61794	.00624	.00011	98.144	.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00103	.00102	.00518	1.7597	.92889	2.2865	.29332
SDev	.00011	.00018	.00033	.0057	.02599	.0008	.00019
%RSD	10.379	17.720	6.3487	.32112	2.7979	.03390	.06648
#1	.00111	.00115	.00541	1.7637	.94726	2.2870	.29346
#2	.00096	.00089	.00495	1.7557	.91051	2.2859	.29318
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00424	H649.69	.01122	-.00016	.00213	.00137	.00110
SDev	.00100	.24	.00009	.00101	.00072	.00082	.00045
%RSD	23.593	.03745	.83938	644.23	34.062	59.811	40.888
#1	.00354	H649.86	.01115	.00055	.00264	.00195	.00078
#2	.00495	H649.52	.01129	-.00087	.00162	.00079	.00142
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00279	.00416	-.00043	.05071	.00144	.00930	.03456
SDev	.00289	.00616	.00241	.00014	.00035	.00016	.00021
%RSD	103.83	147.92	555.83	.26753	24.078	1.7735	.60866
#1	.00074	-.00019	.00127	.05081	.00120	.00942	.03471
#2	.00483	.00852	-.00213	.05062	.00169	.00919	.03441
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00004	.00023
SDev	.00075	.00022
%RSD	1705.7	97.220
#1	.00048	.00038
#2	-.00057	.00007
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3164	--	--	--	--	--	--
SDev	6.947290	--	--	--	--	--	--
%RSD	.2195478	--	--	--	--	--	--
#1	3159	--	--	--	--	--	--
#2	3169	--	--	--	--	--	--

Analysis Report 07/03/06 10:47:54 PM page 1

Method: TRACE2 Sample Name: AD638450 Operator: SW
Run Time: 07/03/06 22:43:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47232	.10673	.61765	.00617	.00009	97.789	-.00000
SDev	.00932	.00119	.00101	.00007	.00000	.182	.00016
%RSD	1.9724	1.1156	.16389	1.1374	4.4886	.18563	3502.3
#1	.46573	.10757	.61694	.00622	.00008	97.917	-.00012
#2	.47891	.10588	.61837	.00612	.00009	97.660	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00133	.00114	.00470	1.8491	.93138	2.2860	.30295
SDev	.00008	.00022	.00038	.0007	.01145	.0033	.00067
%RSD	5.7103	19.317	8.0567	.03964	1.2291	.14382	.22242
#1	.00128	.00099	.00497	1.8496	.93947	2.2837	.30342
#2	.00139	.00130	.00443	1.8485	.92328	2.2884	.30247
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00383	H646.98	.01131	-.00123	.00208	.00097	-.00138
SDev	.00039	1.83	.00016	.00260	.00135	.00004	.00216
%RSD	10.132	.28254	1.4387	210.99	65.188	3.8592	156.64
#1	.00411	H648.27	.01120	.00061	.00112	.00095	.00015
#2	.00356	H645.68	.01143	-.00307	.00303	.00100	-.00291
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	.00029	-.00221	.06103	-.00332	.00907	.03125
SDev	.00057	.00657	.00004	.00031	.00183	.00025	.00001
%RSD	229.22	2253.6	1.9906	.50397	55.152	2.7115	.02691
#1	.00065	.00493	-.00224	.06125	-.00203	.00889	.03126
#2	-.00015	-.00435	-.00218	.06081	-.00462	.00924	.03125
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00043	-.00015
SDev	.00032	.00015
%RSD	73.898	104.02
#1	.00020	-.00004
#2	.00065	-.00026
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3174	--	--	--	--	--	--
SDev	14.31891	--	--	--	--	--	--
%RSD	.4510995	--	--	--	--	--	--
#1	3164	--	--	--	--	--	--
#2	3184	--	--	--	--	--	--

Analysis Report 07/03/06 10:52:47 PM page 1

Method: TRACE2 Sample Name: AD638451 Operator: SW
Run Time: 07/03/06 22:47:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07776	.00801	.06481	.10067	.00003	171.50	.00022
SDev	.00684	.00159	.00087	.00010	.00001	.06	.00013
%RSD	8.7978	19.895	1.3448	.09788	25.368	.03456	58.762
#1	.07292	.00688	.06543	.10074	.00003	171.54	.00013
#2	.08259	.00913	.06420	.10060	.00002	171.46	.00031
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	.00041	.01717	.07244	24.698	20.421	.10260
SDev	.00020	.00053	.00053	.00252	.062	.002	.00011
%RSD	93.862	130.18	3.1142	3.4820	.25179	.01172	.10752
#1	.00036	.00003	.01754	.07423	24.742	20.423	.10267
#2	.00007	.00078	.01679	.07066	24.655	20.420	.10252
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00311	55.152	.00542	.00019	.00013	.00015	-.00138
SDev	.00048	.206	.00010	.00016	.00040	.00021	.00320
%RSD	15.522	.37340	1.8460	81.814	315.38	142.61	231.67
#1	.00277	55.297	.00535	.00031	-.00015	-.00000	.00088
#2	.00346	55.006	.00549	.00008	.00041	.00030	-.00364
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00038	-.00041	-.00186	.00188	-.00056	.00059	.03660
SDev	.00038	.00520	.00219	.00030	.00008	.00021	.00017
%RSD	99.733	1270.0	117.57	16.223	14.962	35.961	.47870
#1	-.00064	.00327	-.00031	.00209	-.00062	.00074	.03673
#2	-.00011	-.00409	-.00341	.00166	-.00050	.00044	.03648
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00105	-.00019
SDev	.00335	.00026
%RSD	320.67	142.45
#1	.00133	-.00037
#2	-.00342	.00000
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3271	--	--	--	--	--	--
SDev	9.758108	--	--	--	--	--	--
%RSD	.2983173	--	--	--	--	--	--
#1	3264	--	--	--	--	--	--
#2	3278	--	--	--	--	--	--

Analysis Report 07/03/06 10:57:39 PM page 1

Method: TRACE2 Sample Name: AD638452 Operator: SW
Run Time: 07/03/06 22:52:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08678	-.00171	.03975	.00404	.00032	24.242	.00022
SDev	.00375	.00163	.00051	.00001	.00001	.049	.00005
%RSD	4.3212	95.168	1.2937	.12560	4.3947	.20248	21.921
#1	.08413	-.00056	.03939	.00405	.00031	24.207	.00018
#2	.08944	-.00286	.04012	.00404	.00033	24.276	.00025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06137	.06841	.82584	.89252	46.597	5.6793	.68594
SDev	.00039	.00002	.00085	.00030	.128	.0192	.00004
%RSD	.63338	.03396	.10308	.03309	.27481	.33822	.00579
#1	.06164	.06843	.82644	.89231	46.506	5.6657	.68597
#2	.06109	.06839	.82524	.89273	46.687	5.6929	.68591
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.32155	H1345.1	.99128	-.00149	.00099	.00016	-.00092
SDev	.00065	4.5	.00140	.00042	.00017	.00025	.00181
%RSD	.20118	.33794	.14088	27.997	16.912	153.18	195.88
#1	.32109	H1341.8	.99029	-.00179	.00087	-.00001	-.00220
#2	.32201	H1348.3	.99227	-.00120	.00111	.00034	.00036
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00194	-.00030	-.00124	.00080	-.00202	.00050	.08287
SDev	.00010	.00198	.00173	.00015	.00099	.00044	.00015
%RSD	5.1595	661.91	139.57	18.240	49.027	89.159	.17725
#1	.00187	-.00170	-.00246	.00069	-.00132	.00018	.08276
#2	.00201	.00110	-.00002	.00090	-.00272	.00081	.08297
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00023	.00080
SDev	.00044	.00027
%RSD	194.32	33.289
#1	-.00008	.00099
#2	.00054	.00061
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3090	--	--	--	--	--	--
SDev	7.265453	--	--	--	--	--	--
%RSD	.2351251	--	--	--	--	--	--
#1	3085	--	--	--	--	--	--
#2	3095	--	--	--	--	--	--

Analysis Report 07/03/06 11:02:31 PM page 1

Method: TRACE2 Sample Name: AD638453 Operator: SW
Run Time: 07/03/06 22:57:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03541	-.00072	.17388	.08094	.00012	170.48	.00007
SDev	.00434	.00015	.00166	.00049	.00001	.48	.00009
%RSD	12.257	20.907	.95410	.60787	7.2751	.28077	135.81
#1	.03234	-.00061	.17270	.08129	.00012	170.82	.00013
#2	.03847	-.00083	.17505	.08060	.00011	170.14	.00000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00172	-.00019	.00230	.19085	5.2100	80.595	.28044
SDev	.00001	.00006	.00010	.00528	.0198	.195	.00067
%RSD	.38023	31.181	4.3438	2.7661	.37952	.24156	.24008
#1	.00172	-.00023	.00237	.18712	5.2240	80.733	.28092
#2	.00171	-.00015	.00223	.19459	5.1960	80.458	.27996
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00170	86.443	.08820	-.00108	.00142	.00059	.00191
SDev	.00012	.105	.00006	.00019	.00102	.00075	.00016
%RSD	6.9970	.12134	.07004	17.565	71.856	126.17	8.5793
#1	.00178	86.368	.08824	-.00121	.00070	.00006	.00179
#2	.00161	86.517	.08815	-.00094	.00215	.00112	.00202
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00074	.00549	.00012	.00021	-.00142	.00035	.22106
SDev	.00217	.00246	.00147	.00011	.00096	.00000	.00088
%RSD	292.86	44.757	1259.1	52.150	67.591	.99826	.39582
#1	-.00080	.00722	-.00092	.00013	-.00074	.00035	.22167
#2	.00228	.00375	.00116	.00029	-.00211	.00034	.22044
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00105	-.00002
SDev	.00054	.00002
%RSD	50.894	136.16
#1	-.00143	-.00000
#2	-.00067	-.00004
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3229	--	--	--	--	--	--
SDev	17.55389	--	--	--	--	--	--
%RSD	.5436556	--	--	--	--	--	--
#1	3216	--	--	--	--	--	--
#2	3241	--	--	--	--	--	--

Analysis Report QC Standard 07/03/06 11:08:50 PM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 07/03/06 23:04:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.089	.49275	.47196	.49583	.50235	25.223	.49041
SDev	.002	.00155	.00078	.00007	.00068	.003	.00060
%RSD	.00887	.31498	.16469	.01393	.13578	.01036	.12183
#1	25.088	.49384	.47251	.49578	.50283	25.221	.49083
#2	25.091	.49165	.47141	.49588	.50187	25.225	.48998
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49318	.49811	.52208	24.998	25.039	24.953	.50644
SDev	.00056	.00007	.00043	.020	.019	.038	.00072
%RSD	.11287	.01432	.08170	.07926	.07438	.15328	.14129
#1	.49358	.49806	.52238	25.012	25.053	24.981	.50695
#2	.49279	.49816	.52178	24.984	25.026	24.926	.50593
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49821	24.255	.50285	.49499	.50300	.50033	.49921
SDev	.00071	.186	.00025	.00476	.00510	.00181	.00214
%RSD	.14193	.76526	.04991	.96176	1.0131	.36250	.42894
#1	.49771	24.124	.50267	.49836	.49940	.49905	.49770
#2	.49871	24.387	.50303	.49162	.50661	.50162	.50072
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50333	.48784	.50490	.51340	.50813	.50065	.49086
SDev	.00521	.00249	.00446	.00025	.00011	.00033	.00057
%RSD	1.0341	.51148	.88326	.04799	.02214	.06601	.11596
#1	.49965	.48960	.50175	.51358	.50805	.50042	.49126
#2	.50701	.48607	.50806	.51323	.50821	.50089	.49046
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50221	.49672
SDev	.00092	.00109
%RSD	.18220	.21859
#1	.50286	.49749
#2	.50156	.49596
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3274	--	--	--	--	--	--
SDev	3.977476	--	--	--	--	--	--
%RSD	.1214918	--	--	--	--	--	--
#1	3277	--	--	--	--	--	--
#2	3271	--	--	--	--	--	--

Analysis Report Blank Sample 07/03/06 11:13:44 PM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 07/03/06 23:08:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00577	-.00147	-.00055	.00038	.00033	L-.14690	.00031
SDev	.00424	.00136	.00075	.00001	.00000	.00985	.00004
%RSD	73.549	92.918	136.37	3.0840	.89844	6.7051	13.619
#1	.00277	-.00243	-.00002	.00037	.00033	L-.15386	.00028
#2	.00877	-.00050	-.00109	.00039	.00032	L-.13993	.00034
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00021	.00043	.00034	.01948	.01732	L-.10359	.00046
SDev	.00018	.00051	.00013	.01299	.01158	.00707	.00008
%RSD	84.494	119.21	37.496	66.668	66.875	6.8238	17.589
#1	.00009	.00079	.00043	.01029	.02551	L-.10859	.00040
#2	.00034	.00007	.00025	.02866	.00913	L-.09859	.00052
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00154	L-.52910	.00047	-.00059	-.00029	-.00039	.00083
SDev	.00036	.05886	.00027	.00003	.00042	.00029	.00215
%RSD	23.752	11.125	58.347	4.9934	142.04	73.262	260.30
#1	.00180	L-.57072	.00066	-.00057	.00000	-.00019	-.00069
#2	.00128	-.48748	.00028	-.00061	-.00059	-.00059	.00235
Errors	LC Pass	LC Low	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	.00182	.00033	.00049	.00089	.00059	.00068
SDev	.00135	.00104	.00271	.00005	.00107	.00020	.00039
%RSD	610.92	56.935	822.65	10.975	120.86	34.931	57.768
#1	-.00073	.00109	-.00158	.00045	.00165	.00044	.00095
#2	.00118	.00255	.00224	.00053	.00013	.00073	.00040
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00099	.00044
SDev	.00149	.00020
%RSD	149.98	44.837
#1	-.00205	.00030
#2	.00006	.00058
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3277	--	--	--	--	--	--
SDev	14.05375	--	--	--	--	--	--
%RSD	.4288192	--	--	--	--	--	--
#1	3267	--	--	--	--	--	--
#2	3287	--	--	--	--	--	--

Analysis Report 07/03/06 11:18:37 PM page 1

Method: TRACE2 Sample Name: AD638454 Operator: SW
Run Time: 07/03/06 23:13:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03908	.00179	.19888	.07804	.00014	167.34	-.00000
SDev	.00009	.00171	.00020	.00008	.00002	.19	.00007
%RSD	.22099	95.459	.10002	.10705	14.824	.11478	3126.2
#1	.03914	.00058	.19902	.07798	.00015	167.47	-.00005
#2	.03902	.00300	.19874	.07809	.00013	167.20	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00090	.00016	.00116	1.0442	5.1739	81.796	.24660
SDev	.00013	.00000	.00037	.0045	.0092	.122	.00001
%RSD	14.672	2.5918	32.153	.43074	.17786	.14935	.00338
#1	.00099	.00017	.00090	1.0474	5.1804	81.882	.24661
#2	.00081	.00016	.00143	1.0410	5.1674	81.709	.24660
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00127	85.217	.00633	-.00255	.00058	-.00046	-.00084
SDev	.00005	.072	.00028	.00185	.00033	.00039	.00126
%RSD	4.1442	.08420	4.4867	72.316	57.336	84.841	149.70
#1	.00130	85.166	.00653	-.00386	.00082	-.00074	-.00173
#2	.00123	85.267	.00613	-.00125	.00035	-.00019	.00005
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00089	.00400	-.00326	.00022	-.00040	.00023	.05360
SDev	.00020	.00204	.00087	.00014	.00322	.00028	.00022
%RSD	22.501	51.036	26.665	64.500	808.00	123.77	.41701
#1	.00104	.00256	-.00388	.00012	-.00268	.00003	.05376
#2	.00075	.00544	-.00265	.00032	.00188	.00042	.05344
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00120	.00031
SDev	.00098	.00014
%RSD	81.646	44.123
#1	.00189	.00022
#2	.00051	.00041
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3242	--	--	--	--	--	--
SDev	17.39472	--	--	--	--	--	--
%RSD	.5365636	--	--	--	--	--	--
#1	3230	--	--	--	--	--	--
#2	3254	--	--	--	--	--	--

Analysis Report 07/03/06 11:23:29 PM page 1

Method: TRACE2 Sample Name: AD638487 Operator: SW
Run Time: 07/03/06 23:18:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13255	-.00066	.02340	.01324	-.00005	15.930	.00051
SDev	.00088	.00106	.00073	.00004	.00000	.003	.00002
%RSD	.66289	160.53	3.1382	.33027	8.9148	.02143	4.7316
#1	.13192	.00009	.02288	.01321	-.00004	15.933	.00052
#2	.13317	-.00142	.02392	.01327	-.00005	15.928	.00049
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00036	.00107	.05218	.04986	.49638	3.2940	.02064
SDev	.00008	.00004	.00019	.00544	.00388	.0099	.00000
%RSD	22.050	4.1254	.36732	10.909	.78078	.30086	.00739
#1	-.00042	.00104	.05205	.04602	.49912	3.3010	.02064
#2	-.00030	.00110	.05232	.05371	.49364	3.2870	.02064
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00100	2.5803	.00965	.00255	.00243	.00247	-.00055
SDev	.00061	.0353	.00042	.00003	.00084	.00057	.00162
%RSD	61.019	1.3684	4.3025	.99577	34.694	23.115	293.25
#1	.00057	2.6052	.00994	.00256	.00302	.00287	.00059
#2	.00143	2.5553	.00936	.00253	.00183	.00206	-.00170
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00103	.00313	-.00239	.00069	-.00214	.00028	.06367
SDev	.00112	.00298	.00094	.00003	.00253	.00062	.00002
%RSD	109.43	95.247	39.406	3.9984	118.13	218.02	.02492
#1	.00023	.00523	-.00173	.00067	-.00035	-.00015	.06368
#2	.00182	.00102	-.00306	.00071	-.00394	.00072	.06366
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00033	.00022
SDev	.00046	.00011
%RSD	138.95	50.205
#1	-.00066	.00014
#2	-.00001	.00030
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3314	--	--	--	--	--	--
SDev	10.76560	--	--	--	--	--	--
%RSD	.3248092	--	--	--	--	--	--
#1	3307	--	--	--	--	--	--
#2	3322	--	--	--	--	--	--

Analysis Report 07/03/06 11:28:22 PM page 1

Method: TRACE2 Sample Name: AD638488 Operator: SW
Run Time: 07/03/06 23:23:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06297	-.00093	.01915	.01040	-.00006	11.460	.00133
SDev	.00337	.00052	.00089	.00005	.00000	.010	.00003
%RSD	5.3539	56.118	4.6711	.46049	.79294	.08339	2.2949
#1	.06059	-.00130	.01851	.01044	-.00006	11.454	.00135
#2	.06536	-.00056	.01978	.01037	-.00006	11.467	.00131
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00015	-.00001	.03162	.07663	.14253	1.4827	.02000
SDev	.00008	.00002	.00016	.00135	.01502	.0010	.00006
%RSD	54.434	377.36	.49966	1.7631	10.538	.06706	.28824
#1	-.00020	.00001	.03151	.07568	.15315	1.4834	.01996
#2	-.00009	-.00002	.03173	.07759	.13191	1.4820	.02004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	-.14429	.01994	.00334	.00379	.00364	-.00173
SDev	.00056	.23927	.00008	.00081	.00094	.00036	.00038
%RSD	230.55	165.82	.38385	24.168	24.906	9.9043	21.766
#1	.00064	.02490	.01999	.00391	.00312	.00339	-.00146
#2	-.00015	-.31348	.01988	.00277	.00446	.00390	-.00199
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00057	-.00100	-.00209	.00053	-.00083	.00048	.16602
SDev	.00132	.00080	.00097	.00018	.00046	.00007	.00003
%RSD	233.91	80.163	46.182	33.407	55.497	13.733	.01575
#1	-.00150	-.00157	-.00141	.00066	-.00116	.00043	.16604
#2	.00037	-.00043	-.00277	.00041	-.00051	.00053	.16600
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00036	.00041
SDev	.00020	.00001
%RSD	56.132	2.6950
#1	.00051	.00041
#2	.00022	.00042
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3312	--	--	--	--	--	--
SDev	13.25825	--	--	--	--	--	--
%RSD	.4003458	--	--	--	--	--	--
#1	3302	--	--	--	--	--	--
#2	3321	--	--	--	--	--	--

Analysis Report 07/03/06 11:33:15 PM page 1

Method: TRACE2 Sample Name: AD638695/PB Operator: SW
Run Time: 07/03/06 23:28:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00597	-.00194	.00194	-.00006	-.00004	L-.12987	-.00009
SDev	.00215	.00036	.00083	.00002	.00002	.00052	.00016
%RSD	35.966	18.504	42.750	34.374	51.451	.40349	171.58
#1	.00445	-.00219	.00135	-.00007	-.00006	L-.13024	-.00021
#2	.00749	-.00169	.00252	-.00004	-.00003	L-.12950	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00023	-.00016	-.00021	-.00949	-.01490	L-.13563	-.00003
SDev	.00000	.00028	.00014	.00283	.00501	.00196	.00000
%RSD	.60667	174.30	66.741	29.840	33.594	1.4452	.49271
#1	-.00023	-.00036	-.00011	-.01149	-.01136	L-.13702	-.00003
#2	-.00024	.00004	-.00030	-.00749	-.01844	L-.13425	-.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00031	L-.87721	.00044	-.00195	.00050	-.00031	-.00078
SDev	.00056	.22143	.00117	.00063	.00035	.00044	.00170
%RSD	183.26	25.242	266.20	32.295	69.812	140.65	219.32
#1	-.00071	L-1.0338	-.00039	-.00239	.00025	-.00063	-.00198
#2	.00009	L-.72064	.00127	-.00150	.00075	-.00000	.00043
Errors	LC Pass	LC Low	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00207	.00067	-.00150	-.00022	-.00166	-.00025	.00194
SDev	.00243	.00246	.00132	.00031	.00289	.00014	.00013
%RSD	117.43	365.89	88.160	142.06	174.10	55.451	6.7267
#1	.00035	-.00107	-.00243	-.00044	.00038	-.00035	.00185
#2	.00378	.00241	-.00056	.00000	-.00371	-.00015	.00203
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00165	-.00045
SDev	.00216	.00066
%RSD	131.30	147.57
#1	-.00317	-.00091
#2	-.00012	.00002
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3294	--	--	--	--	--	--
SDev	3.500144	--	--	--	--	--	--
%RSD	.1062509	--	--	--	--	--	--
#1	3297	--	--	--	--	--	--
#2	3292	--	--	--	--	--	--

Analysis Report 07/03/06 11:38:08 PM page 1

Method: TRACE2 Sample Name: AD638694/LCS Operator: SW
Run Time: 07/03/06 23:33:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.238	L.20560	.19377	L.20726	L.20512	9.8923	L.20747
SDev	.004	.00076	.00000	.00071	.00004	.0026	.00023
%RSD	.03819	.37068	.00181	.34364	.02065	.02630	.10878
#1	10.241	L.20613	.19377	L.20776	L.20515	9.8941	L.20731
#2	10.235	L.20506	.19376	L.20675	L.20509	9.8904	L.20763
Errors	NOCHECK	LC Low	NOCHECK	LC Low	LC Low	NOCHECK	LC Low
High		1.2000		1.2000	1.2000		1.2000
Low		.80000		.80000	.80000		.80000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L.20173	L.20661	L.21547	10.294	10.167	9.9235	L.20036
SDev	.00023	.00025	.00013	.009	.026	.0085	.00012
%RSD	.11605	.12085	.06215	.09204	.25673	.08585	.06200
#1	L.20190	L.20678	L.21557	10.287	10.186	9.9175	L.20027
#2	L.20157	L.20643	L.21538	10.300	10.149	9.9295	L.20045
Errors	LC Low	LC Low	LC Low	NOCHECK	NOCHECK	NOCHECK	LC Low
High	1.2000	1.2000	1.2000				1.2000
Low	.80000	.80000	.80000				.80000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L.20651	9.1924	L.21221	.20574	.20566	L.20569	L.20381
SDev	.00086	.2409	.00045	.00078	.00033	.00048	.00232
%RSD	.41652	2.6204	.21167	.38070	.16168	.23463	1.1368
#1	L.20590	9.0221	L.21253	.20519	.20543	L.20535	L.20217
#2	L.20712	9.3628	L.21189	.20629	.20590	L.20603	L.20545
Errors	LC Low	NOCHECK	LC Low	NOCHECK	NOCHECK	LC Low	LC Low
High	1.2000		1.2000			1.2000	1.2000
Low	.80000		.80000			.80000	.80000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L.20473	.20449	.20348	.20546	L.20896	L.20400	L.20140
SDev	.00334	.00210	.00453	.00026	.00098	.00004	.00010
%RSD	1.6306	1.0268	2.2240	.12488	.47063	.01953	.04702
#1	L.20237	.20597	.20028	.20528	L.20827	L.20402	L.20146
#2	L.20710	.20300	.20668	.20565	L.20966	L.20397	L.20133
Errors	LC Low	NOCHECK	NOCHECK	NOCHECK	LC Low	LC Low	LC Low
High	1.2000				1.2000	1.2000	1.2000
Low	.80000				.80000	.80000	.80000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20686	L.05180
SDev	.00012	.00023
%RSD	.05900	.45444
#1	.20677	L.05164
#2	.20694	L.05197
Errors	NOCHECK	LC Low
High		1.2000
Low		.80000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3307	--	--	--	--	--	--
SDev	1.590990	--	--	--	--	--	--
%RSD	.0481036	--	--	--	--	--	--
#1	3309	--	--	--	--	--	--
#2	3306	--	--	--	--	--	--

Analysis Report 07/03/06 11:43:00 PM page 1

Method: TRACE2 Sample Name: AD638690 Operator: SW
Run Time: 07/03/06 23:38:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	64.570	.02437	2.1766	.07147	.04969	115.86	.02330
SDev	.104	.00003	.0002	.00018	.00014	.28	.00003
%RSD	.16090	.10294	.00986	.25471	.27883	.24500	.13749
#1	64.644	.02435	2.1765	.07160	.04979	116.06	.02333
#2	64.497	.02439	2.1768	.07134	.04959	115.66	.02328
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21053	.04023	.39952	.39037	27.039	6.9739	.48170
SDev	.00041	.00041	.00014	.00039	.025	.0132	.00103
%RSD	.19685	1.0193	.03428	.09951	.09295	.18950	.21285
#1	.21082	.04052	.39961	.39065	27.057	6.9833	.48242
#2	.21023	.03994	.39942	.39010	27.021	6.9646	.48097
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00918	25.660	.61022	.07193	.06787	.06922	.00082
SDev	.00014	.003	.00158	.00122	.00195	.00090	.00290
%RSD	1.5094	.01007	.25850	1.6994	2.8776	1.2938	355.97
#1	.00927	25.659	.61133	.07279	.06649	.06859	.00287
#2	.00908	25.662	.60910	.07107	.06925	.06985	-.00124
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00274	.00214	.00015	.01742	.01289	.05733	5.4388
SDev	.00050	.00505	.00183	.00007	.00052	.00003	.0139
%RSD	18.184	235.99	1189.0	.40555	4.0053	.05843	.25576
#1	.00309	.00571	.00145	.01737	.01252	.05735	5.4487
#2	.00239	-.00143	-.00114	.01747	.01325	.05731	5.4290
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00056	-.00057
SDev	.00003	.00038
%RSD	5.6891	67.796
#1	.00058	-.00030
#2	.00053	-.00084
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5789	--	--	--	--	--	--
SDev	43.06308	--	--	--	--	--	--
%RSD	.7438841	--	--	--	--	--	--
#1	5758	--	--	--	--	--	--
#2	5819	--	--	--	--	--	--

Analysis Report 07/03/06 11:47:53 PM page 1

Method: TRACE2 Sample Name: AD638690/L (1:5) Operator: SW
Run Time: 07/03/06 23:43:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.608	.00645	.65793	.02190	.01554	35.715	.00724
SDev	.028	.00085	.00252	.00005	.00001	.032	.00007
%RSD	.14266	13.249	.38274	.22347	.08169	.09033	1.0165
#1	19.627	.00706	.65971	.02194	.01553	35.738	.00718
#2	19.588	.00585	.65615	.02187	.01555	35.693	.00729
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06538	.01219	.12120	.11283	8.2625	2.0628	.14918
SDev	.00036	.00024	.00030	.00558	.0320	.0018	.00002
%RSD	.55343	1.9586	.25001	4.9449	.38702	.08939	.01237
#1	.06512	.01202	.12142	.10888	8.2851	2.0641	.14917
#2	.06563	.01236	.12099	.11677	8.2399	2.0615	.14919
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00304	6.8057	.19252	.02175	.02090	.02118	.00020
SDev	.00032	.0683	.00086	.00205	.00290	.00125	.00046
%RSD	10.676	1.0035	.44546	9.4154	13.856	5.9003	233.19
#1	.00281	6.7574	.19191	.02320	.01885	.02030	.00052
#2	.00327	6.8540	.19313	.02030	.02295	.02207	-.00013
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00157	.00216	-.00079	.00525	.00265	.01759	1.7408
SDev	.00247	.00365	.00113	.00028	.00008	.00014	.0018
%RSD	157.40	168.51	144.08	5.3833	3.0429	.79389	.10583
#1	-.00018	.00474	-.00159	.00505	.00271	.01749	1.7421
#2	.00332	-.00041	.00001	.00545	.00259	.01769	1.7395
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00021	.00002
SDev	.00056	.00017
%RSD	259.97	1011.9
#1	-.00018	.00014
#2	.00061	-.00010

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3832	--	--	--	--	--	--
SDev	8.432282	--	--	--	--	--	--
%RSD	.2200269	--	--	--	--	--	--
#1	3826	--	--	--	--	--	--
#2	3838	--	--	--	--	--	--

Analysis Report 07/03/06 11:52:46 PM page 1

Method: TRACE2 Sample Name: AD638690/PS Operator: SW
Run Time: 07/03/06 23:47:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	69.048	.13888	2.2602	.18568	.16062	119.49	.13481
SDev	.029	.00046	.0005	.00048	.00016	.13	.00004
%RSD	.04143	.33300	.02110	.26072	.09887	.10614	.02714
#1	69.028	.13920	2.2605	.18602	.16073	119.58	.13484
#2	69.069	.13855	2.2598	.18534	.16051	119.40	.13479
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.31751	.15138	.51226	6.0117	32.154	12.604	.58792
SDev	.00065	.00005	.00009	.0052	.046	.006	.00029
%RSD	.20496	.03364	.01738	.08664	.14446	.04829	.04935
#1	.31797	.15135	.51233	6.0154	32.187	12.608	.58813
#2	.31705	.15142	.51220	6.0080	32.121	12.599	.58772
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12287	31.293	.71302	.18424	.17845	.18038	.11425
SDev	.00043	.065	.00021	.00068	.00097	.00042	.00029
%RSD	.34847	.20760	.02912	.36695	.54079	.23204	.25430
#1	.12256	31.247	.71287	.18472	.17777	.18008	.11405
#2	.12317	31.339	.71316	.18376	.17913	.18067	.11446
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11452	.11782	.11247	.13088	.12706	.17022	5.4655
SDev	.00004	.00043	.00065	.00001	.00107	.00015	.0050
%RSD	.03815	.36644	.57941	.00717	.84187	.08850	.09080
#1	.11449	.11812	.11201	.13089	.12782	.17011	5.4690
#2	.11456	.11751	.11293	.13087	.12630	.17032	5.4620
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.11437	.02783
SDev	.00004	.00034
%RSD	.03224	1.2230
#1	.11434	.02807
#2	.11440	.02759
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5814	--	--	--	--	--	--
SDev	27.04684	--	--	--	--	--	--
%RSD	.4651958	--	--	--	--	--	--
#1	5795	--	--	--	--	--	--
#2	5833	--	--	--	--	--	--

Analysis Report 07/03/06 11:57:38 PM page 1

Method: TRACE2 Sample Name: AD638691 Operator: SW
Run Time: 07/03/06 23:52:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11741	2.0797	.08007	.02025	.00016	44.545	.00005
SDev	.00103	.0057	.00044	.00005	.00001	.191	.00009
%RSD	.87765	.27343	.55193	.22553	5.1822	.42975	191.63
#1	.11668	2.0757	.07976	.02029	.00016	44.410	.00011
#2	.11814	2.0838	.08038	.02022	.00017	44.681	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	.00009	.01800	.00168	2.3791	9.1382	.00302
SDev	.00025	.00012	.00018	.00054	.0048	.0346	.00008
%RSD	1410.3	134.46	1.0210	32.219	.19972	.37809	2.5691
#1	-.00016	.00000	.01787	.00206	2.3825	9.1138	.00296
#2	.00020	.00018	.01813	.00129	2.3758	9.1626	.00307
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00077	18.512	.00207	-.00023	.00043	.00021	-.00102
SDev	.00008	.084	.00059	.00038	.00038	.00038	.00010
%RSD	10.422	.45186	28.336	165.96	87.608	176.84	9.7113
#1	.00082	18.453	.00165	-.00049	.00017	-.00005	-.00109
#2	.00071	18.571	.00248	.00004	.00070	.00048	-.00095
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00716	.00319	-.00312	.00005	.00031	.00175	.01081
SDev	.00065	.00046	.00008	.00008	.00103	.00007	.00028
%RSD	9.0298	14.318	2.5763	166.79	328.94	4.2311	2.6277
#1	.00670	.00287	-.00307	.00010	.00104	.00170	.01061
#2	.00761	.00352	-.00318	-.00001	-.00042	.00181	.01101
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00061	.00004
SDev	.00063	.00005
%RSD	103.39	133.55
#1	-.00106	.00007
#2	-.00016	.00000
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3306	--	--	--	--	--	--
SDev	8.379112	--	--	--	--	--	--
%RSD	.2534286	--	--	--	--	--	--
#1	3312	--	--	--	--	--	--
#2	3300	--	--	--	--	--	--

Analysis Report 07/04/06 00:02:31 AM page 1

Method: TRACE2 Sample Name: AD638691/L (1:5) Operator: SW
Run Time: 07/03/06 23:57:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03003	.42078	.01749	.00443	.00000	8.8268	-.00013
SDev	.00200	.00292	.00027	.00004	.00001	.0132	.00014
%RSD	6.6477	.69361	1.5246	.80676	126.25	.14985	105.83
#1	.02862	.42284	.01767	.00440	.00001	8.8362	-.00003
#2	.03144	.41871	.01730	.00445	.00000	8.8174	-.00023
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00032	-.00022	.00341	-.00390	.44468	1.7230	.00058
SDev	.00002	.00006	.00051	.00058	.00941	.0002	.00002
%RSD	7.1401	27.845	14.955	14.879	2.1156	.00896	2.7461
#1	-.00031	-.00018	.00377	-.00349	.45133	1.7229	.00059
#2	-.00034	-.00026	.00305	-.00431	.43802	1.7231	.00057
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00066	2.9258	.00063	-.00008	-.00002	-.00004	-.00060
SDev	.00000	.1354	.00010	.00128	.00089	.00017	.00096
%RSD	.55535	4.6264	15.562	1668.7	3801.4	410.13	161.64
#1	.00067	2.8301	.00056	-.00098	.00061	.00008	-.00128
#2	.00066	3.0216	.00070	.00083	-.00065	-.00016	.00009
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00142	.00427	-.00303	.00017	.00067	.00029	.00280
SDev	.00097	.00318	.00015	.00001	.00116	.00034	.00007
%RSD	68.182	74.620	4.8506	3.0555	174.00	119.94	2.5916
#1	.00211	.00202	-.00292	.00018	-.00015	.00004	.00285
#2	.00074	.00652	-.00313	.00017	.00148	.00053	.00274
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00122	.00030
SDev	.00163	.00007
%RSD	133.97	24.600
#1	-.00238	.00025
#2	-.00006	.00035
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3306	--	--	--	--	--	--
SDev	9.174607	--	--	--	--	--	--
%RSD	.2775295	--	--	--	--	--	--
#1	3299	--	--	--	--	--	--
#2	3312	--	--	--	--	--	--

Analysis Report QC Standard 07/04/06 00:08:50 AM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 07/04/06 00:04:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.992	.49194	.47233	.49351	.50043	25.051	.48991
SDev	.004	.00032	.00030	.00035	.00059	.012	.00085
%RSD	.01480	.06396	.06352	.07056	.11749	.04760	.17381
#1	24.990	.49216	.47254	.49376	.50085	25.059	.49051
#2	24.995	.49172	.47212	.49326	.50002	25.042	.48931
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49264	.49691	.51928	24.950	25.024	24.962	.50488
SDev	.00085	.00139	.00054	.002	.053	.020	.00084
%RSD	.17213	.27939	.10330	.00695	.21057	.08145	.16547
#1	.49323	.49789	.51966	24.949	25.061	24.976	.50547
#2	.49204	.49593	.51890	24.951	24.987	24.948	.50429
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49616	23.793	.50263	.49804	.50358	.50173	.49801
SDev	.00022	.146	.00075	.00109	.00121	.00045	.00104
%RSD	.04385	.61396	.14829	.21791	.24108	.08936	.20867
#1	.49601	23.690	.50315	.49727	.50444	.50205	.49727
#2	.49631	23.896	.50210	.49881	.50272	.50142	.49874
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50032	.49478	.49963	.51015	.50034	.49848	.49058
SDev	.00437	.00584	.00136	.00003	.00658	.00103	.00077
%RSD	.87415	1.1807	.27262	.00592	1.3158	.20616	.15740
#1	.49723	.49065	.50059	.51017	.49569	.49921	.49112
#2	.50342	.49891	.49866	.51013	.50500	.49776	.49003
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50297	.49634
SDev	.00033	.00068
%RSD	.06498	.13804
#1	.50320	.49682
#2	.50274	.49585
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3318	--	--	--	--	--	--
SDev	9.121609	--	--	--	--	--	--
%RSD	.2748942	--	--	--	--	--	--
#1	3312	--	--	--	--	--	--
#2	3325	--	--	--	--	--	--

Analysis Report Blank Sample 07/04/06 00:13:43 AM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 07/04/06 00:08:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00428	.00070	.00064	.00039	.00035	L-.16819	.00042
SDev	.00281	.00115	.00073	.00006	.00000	.00546	.00003
%RSD	65.708	163.48	114.50	14.589	.81816	3.2454	6.2377
#1	.00229	.00152	.00115	.00035	.00035	L-.17205	.00044
#2	.00626	-.00011	.00012	.00043	.00035	L-.16433	.00040
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00049	.00019	.00043	.01559	.01281	L-.11737	.00039
SDev	.00025	.00018	.00045	.00107	.00896	.00612	.00004
%RSD	51.959	96.842	106.10	6.8415	69.896	5.2162	10.380
#1	.00067	.00032	.00074	.01483	.01915	L-.12170	.00036
#2	.00031	.00006	.00011	.01634	.00648	L-.11304	.00041
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00164	L-.82370	.00064	-.00157	.00166	.00059	.00221
SDev	.00021	.05630	.00028	.00120	.00019	.00052	.00140
%RSD	12.979	6.8350	43.191	76.011	11.185	89.101	63.313
#1	.00149	L-.86351	.00044	-.00242	.00153	.00022	.00122
#2	.00179	L-.78389	.00083	-.00073	.00180	.00096	.00320
Errors	LC Pass	LC Low	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00214	.00129	.00267	.00031	-.00032	.00068	.00116
SDev	.00032	.00058	.00239	.00007	.00164	.00021	.00019
%RSD	14.781	44.823	89.481	23.152	507.83	30.939	16.793
#1	.00192	.00170	.00098	.00026	-.00148	.00082	.00130
#2	.00237	.00088	.00436	.00037	.00084	.00053	.00102
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00091	.00032
SDev	.00162	.00012
%RSD	178.16	38.811
#1	-.00205	.00023
#2	.00024	.00040
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3317	--	--	--	--	--	--
SDev	8.538279	--	--	--	--	--	--
%RSD	.2574165	--	--	--	--	--	--
#1	3311	--	--	--	--	--	--
#2	3323	--	--	--	--	--	--

Analysis Report 07/04/06 00:18:36 AM page 1

Method: TRACE2 Sample Name: AD638691/PS Operator: SW
Run Time: 07/04/06 00:13:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.7855	2.2394	.26481	.22411	.20213	53.348	.19994
SDev	.0076	.0017	.00026	.00019	.00006	.017	.00014
%RSD	.07753	.07793	.09718	.08662	.02968	.03242	.06874
#1	9.7801	2.2382	.26499	.22425	.20217	53.335	.20004
#2	9.7908	2.2407	.26463	.22398	.20209	53.360	.19985
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19786	.20166	.22691	10.192	12.651	19.056	.20106
SDev	.00011	.00006	.00019	.001	.013	.002	.00001
%RSD	.05317	.02897	.08265	.00841	.10169	.00956	.00614
#1	.19779	.20171	.22704	10.193	12.660	19.057	.20105
#2	.19794	.20162	.22678	10.192	12.642	19.054	.20107
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20299	28.348	.20512	.19813	.20289	.20130	.19961
SDev	.00120	.135	.00007	.00098	.00128	.00118	.00083
%RSD	.59336	.47649	.03400	.49373	.62877	.58451	.41546
#1	.20213	28.252	.20517	.19744	.20199	.20047	.20020
#2	.20384	28.443	.20507	.19883	.20379	.20214	.19903
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20449	.19474	.20206	.20251	.20464	.20355	.19920
SDev	.00174	.00321	.00036	.00021	.00209	.00003	.00005
%RSD	.85191	1.6504	.17966	.10164	1.0209	.01731	.02377
#1	.20326	.19701	.20180	.20237	.20612	.20352	.19924
#2	.20572	.19247	.20231	.20266	.20316	.20357	.19917
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20171	.05016
SDev	.00136	.00044
%RSD	.67480	.88031
#1	.20075	.04985
#2	.20267	.05047
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3325	--	--	--	--	--	--
SDev	5.038136	--	--	--	--	--	--
%RSD	.1515223	--	--	--	--	--	--
#1	3321	--	--	--	--	--	--
#2	3329	--	--	--	--	--	--

Analysis Report 07/04/06 00:23:29 AM page 1

Method: TRACE2 Sample Name: AD638692/MS Operator: SW
Run Time: 07/04/06 00:18:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.273	2.3070	.26523	.22815	.20468	54.638	.20526
SDev	.014	.0000	.00179	.00028	.00042	.098	.00010
%RSD	.13834	.00091	.67569	.12321	.20621	.17936	.04860
#1	10.284	2.3070	.26650	.22835	.20498	54.708	.20533
#2	10.263	2.3070	.26397	.22795	.20438	54.569	.20519
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20128	.20564	.23311	10.286	12.846	19.224	.20335
SDev	.00101	.00069	.00052	.020	.038	.051	.00050
%RSD	.49966	.33616	.22378	.19438	.29362	.26346	.24649
#1	.20199	.20613	.23347	10.301	12.872	19.260	.20371
#2	.20057	.20515	.23274	10.272	12.819	19.188	.20300
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20768	29.213	.21221	.20127	.20360	.20282	.20130
SDev	.00023	.063	.00025	.00390	.00045	.00160	.00243
%RSD	.11287	.21470	.11690	1.9350	.21993	.78668	1.2080
#1	.20784	29.257	.21204	.20402	.20392	.20395	.20302
#2	.20751	29.168	.21239	.19851	.20329	.20170	.19958
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21354	.19834	.20278	.20478	.20703	.20564	.20136
SDev	.00077	.00499	.00115	.00072	.00243	.00052	.00039
%RSD	.36138	2.5170	.56781	.35408	1.1754	.25382	.19223
#1	.21408	.20187	.20360	.20529	.20875	.20601	.20164
#2	.21299	.19481	.20197	.20426	.20530	.20528	.20109
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20790	.05153
SDev	.00069	.00055
%RSD	.33241	1.0747
#1	.20839	.05192
#2	.20741	.05114
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3327	--	--	--	--	--	--
SDev	9.545941	--	--	--	--	--	--
%RSD	.2868975	--	--	--	--	--	--
#1	3321	--	--	--	--	--	--
#2	3334	--	--	--	--	--	--

Analysis Report 07/04/06 00:28:21 AM page 1

Method: TRACE2 Sample Name: AD638693/SD Operator: SW
Run Time: 07/04/06 00:23:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.253	2.3219	.26534	.22829	.20526	55.186	.20565
SDev	.001	.0014	.00127	.00092	.00005	.004	.00059
%RSD	.00738	.06208	.47882	.40210	.02382	.00733	.28424
#1	10.252	2.3229	.26624	.22894	.20523	55.183	.20523
#2	10.253	2.3209	.26444	.22764	.20530	55.188	.20606
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20181	.20638	.23341	10.313	12.853	19.347	.20360
SDev	.00047	.00031	.00051	.016	.024	.016	.00005
%RSD	.23188	.14831	.21951	.15170	.18416	.08439	.02211
#1	.20148	.20616	.23378	10.302	12.870	19.335	.20363
#2	.20214	.20659	.23305	10.324	12.836	19.358	.20357
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20819	29.293	.21266	.20343	.20606	.20519	.20505
SDev	.00062	.202	.00018	.00223	.00115	.00151	.00036
%RSD	.29720	.69086	.08600	1.0979	.55908	.73698	.17801
#1	.20863	29.150	.21279	.20501	.20688	.20626	.20479
#2	.20776	29.436	.21253	.20185	.20525	.20412	.20531
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21231	.20338	.20589	.20541	.20669	.20623	.20150
SDev	.00101	.00344	.00227	.00036	.00586	.00003	.00028
%RSD	.47680	1.6902	1.1008	.17737	2.8367	.01675	.13906
#1	.21159	.20581	.20428	.20566	.20254	.20620	.20130
#2	.21302	.20095	.20749	.20515	.21083	.20625	.20170
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20776	.05197
SDev	.00077	.00069
%RSD	.37015	1.3202
#1	.20722	.05245
#2	.20830	.05148
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3313	--	--	--	--	--	--
SDev	2.757647	--	--	--	--	--	--
%RSD	.0832321	--	--	--	--	--	--
#1	3311	--	--	--	--	--	--
#2	3315	--	--	--	--	--	--

Analysis Report 07/04/06 00:33:13 AM page 1

Method: TRACE2 Sample Name: AD638462/PB Operator: SW
Run Time: 07/04/06 00:28:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01633	.00054	.00487	.00020	.00007	L-.09991	.00004
SDev	.00374	.00010	.00057	.00002	.00003	.00244	.00008
%RSD	22.918	17.888	11.700	11.944	49.008	2.4432	222.83
#1	.01898	.00061	.00528	.00021	.00009	L-.09818	.00009
#2	.01368	.00047	.00447	.00018	.00005	L-.10163	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	-.00018	.00022	-.00073	.00167	L-.12770	.00008
SDev	.00021	.00049	.00048	.00174	.01217	.00061	.00000
%RSD	1403.5	265.98	218.92	238.89	727.00	.47919	2.3523
#1	-.00016	.00016	.00056	.00050	.01028	L-.12727	.00008
#2	.00013	-.00053	-.00012	-.00196	-.00693	L-.12813	.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00057	L-.70776	.00024	-.00114	.00002	-.00037	-.00220
SDev	.00090	.16150	.00033	.00068	.00031	.00002	.00032
%RSD	157.22	22.818	136.28	59.855	1458.0	5.2657	14.337
#1	.00121	L-.59357	.00047	-.00163	.00024	-.00038	-.00198
#2	-.00006	L-.82196	.00001	-.00066	-.00020	-.00035	-.00243
Errors	LC Pass	LC Low	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00221	-.00048	-.00307	.00020	.00159	.00038	.00224
SDev	.00031	.00247	.00171	.00005	.00207	.00035	.00021
%RSD	13.895	513.05	55.695	25.995	130.00	90.945	9.2932
#1	.00199	-.00223	-.00186	.00024	.00013	.00063	.00239
#2	.00243	.00126	-.00427	.00017	.00305	.00014	.00210
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00030	.00027
SDev	.00160	.00006
%RSD	534.91	23.000
#1	.00083	.00032
#2	-.00143	.00023
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3318	--	--	--	--	--	--
SDev	23.44052	--	--	--	--	--	--
%RSD	.7064174	--	--	--	--	--	--
#1	3302	--	--	--	--	--	--
#2	3335	--	--	--	--	--	--

Analysis Report 07/04/06 00:38:06 AM page 1

Method: TRACE2 Sample Name: AD638461/LCS Operator: SW
Run Time: 07/04/06 00:33:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03156	1.0336	.03184	.99460	.95441	.51125	.99808
SDev	.00670	.0004	.00057	.00022	.00021	.01736	.00088
%RSD	21.230	.03534	1.7832	.02197	.02245	3.3952	.08781
#1	.02682	1.0338	.03144	.99475	.95426	.49898	.99870
#2	.03630	1.0333	.03224	.99445	.95456	.52353	.99746
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	LC Pass
High		1.2000		1.2000	1.2000		1.2000
Low		.80000		.80000	.80000		.80000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97173	.97008	1.0365	.07170	2.3402	-.03884	.96662
SDev	.00077	.00023	.0011	.00072	.0367	.00147	.00005
%RSD	.07896	.02399	.10734	.99713	1.5662	3.7921	.00559
#1	.97227	.96992	1.0358	.07119	2.3662	-.03988	.96666
#2	.97119	.97025	1.0373	.07220	2.3143	-.03780	.96658
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	1.2000	1.2000	1.2000				1.2000
Low	.80000	.80000	.80000				.80000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99470	1320.1	.99486	.99468	.99972	.99804	1.0247
SDev	.00538	1.4	.00173	.00243	.00004	.00083	.0038
%RSD	.54065	.10641	.17400	.24451	.00366	.08359	.36855
#1	.99090	1319.1	.99363	.99640	.99974	.99863	1.0274
#2	.99850	1321.1	.99608	.99296	.99969	.99745	1.0220
Errors	LC Pass	NOCHECK	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	1.2000		1.2000			1.2000	1.2000
Low	.80000		.80000			.80000	.80000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0197	1.0177	1.0282	.00070	1.0142	.97643	.98081
SDev	.0056	.0065	.0024	.00032	.0036	.00015	.00003
%RSD	.55043	.64014	.23415	45.693	.35013	.01551	.00285
#1	1.0157	1.0223	1.0299	.00093	1.0116	.97654	.98079
#2	1.0236	1.0131	1.0265	.00047	1.0167	.97633	.98083
Errors	LC Pass	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.2000				1.2000	1.2000	1.2000
Low	.80000				.80000	.80000	.80000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00359	1.0228
SDev	.00043	.0012
%RSD	12.030	.11791
#1	.00328	1.0237
#2	.00389	1.0220
Errors	NOCHECK	LC Pass
High		1.2000
Low		.80000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3138	--	--	--	--	--	--
SDev	4.189642	--	--	--	--	--	--
%RSD	.1334956	--	--	--	--	--	--
#1	3141	--	--	--	--	--	--
#2	3135	--	--	--	--	--	--

Analysis Report 07/04/06 00:42:59 AM page 1

Method: TRACE2 Sample Name: AD638460/EBLK Operator: SW
Run Time: 07/04/06 00:38:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03494	.00181	.03813	H.02421	.00062	H.51479	.00076
SDev	.00060	.00075	.00083	.00013	.00002	.00394	.00015
%RSD	1.7288	41.362	2.1652	.54874	3.7698	.76463	18.961
#1	.03451	.00128	.03755	H.02412	.00060	H.51201	.00066
#2	.03536	.00234	.03872	H.02430	.00063	H.51758	.00087
Errors	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC High	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00048	.00096	.00208	.00609	H2.3890	L-.04208	H.00365
SDev	.00054	.00021	.00013	.00003	.0123	.00430	.00002
%RSD	112.35	21.681	6.3899	.49615	.51486	10.220	.57375
#1	.00010	.00081	.00199	.00611	H2.3977	L-.04512	H.00364
#2	.00086	.00111	.00218	.00607	H2.3803	-.03903	H.00367
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Low	LC High
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00364	H1344.3	.00305	-.00099	.00055	.00004	.00001
SDev	.00008	.5	.00022	.00037	.00044	.00042	.00084
%RSD	2.1574	.03687	7.3096	37.885	80.121	1141.7	9305.5
#1	.00359	H1343.9	.00289	-.00072	.00086	.00033	-.00059
#2	.00370	H1344.6	.00321	-.00125	.00024	-.00026	.00060
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00379	.00316	-.00157	.00012	-.00124	.00110	H.01219
SDev	.00113	.00049	.00150	.00010	.00101	.00015	.00018
%RSD	29.948	15.357	95.808	79.495	81.306	13.610	1.4454
#1	.00459	.00351	-.00263	.00019	-.00053	.00120	H.01206
#2	.00299	.00282	-.00051	.00005	-.00195	.00099	H.01231
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC High
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00189	.00074
SDev	.00051	.00008
%RSD	27.114	10.478
#1	.00153	.00068
#2	.00225	.00079
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3120	--	--	--	--	--	--
SDev	6.841293	--	--	--	--	--	--
%RSD	.2192590	--	--	--	--	--	--
#1	3115	--	--	--	--	--	--
#2	3125	--	--	--	--	--	--

Analysis Report 07/04/06 00:47:52 AM page 1

Method: TRACE2 Sample Name: AD638457 Operator: SW
Run Time: 07/04/06 00:43:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37281	.02395	.90026	.45214	.00076	H1375.2	.00110
SDev	.00275	.00401	.00112	.00003	.00009	3.4	.00004
%RSD	.73718	16.756	.12418	.00675	11.370	.24596	3.6969
#1	.37475	.02678	.89947	.45216	.00070	H1372.8	.00107
#2	.37087	.02111	.90106	.45212	.00082	H1377.6	.00112
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00331	.00277	.01301	.39773	106.38	53.952	2.6734
SDev	.00030	.00036	.00038	.00073	.03	.030	.0004
%RSD	9.0099	13.110	2.8819	.18297	.02727	.05533	.01385
#1	.00310	.00251	.01327	.39824	106.40	53.931	2.6732
#2	.00353	.00302	.01274	.39721	106.36	53.974	2.6737
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00231	H1302.4	.01018	.03548	.03811	.03723	.00392
SDev	.00039	.1	.00022	.00190	.00065	.00107	.00161
%RSD	16.829	.00530	2.1599	5.3511	1.7067	2.8632	41.050
#1	.00258	H1302.3	.01033	.03682	.03857	.03799	.00278
#2	.00203	H1302.4	.01002	.03414	.03765	.03648	.00505
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00087	.00800	.00187	.01120	-.00460	.00212	.80080
SDev	.00044	.00414	.00034	.00008	.00017	.00007	.00197
%RSD	50.478	51.754	18.211	.70037	3.7258	3.3226	.24551
#1	.00118	.00507	.00163	.01125	-.00448	.00207	.79941
#2	.00056	.01093	.00212	.01114	-.00472	.00217	.80219
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00368	.00037
SDev	.00051	.00016
%RSD	13.939	43.282
#1	.00405	.00049
#2	.00332	.00026
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3050	--	--	--	--	--	--
SDev	5.462296	--	--	--	--	--	--
%RSD	.1790660	--	--	--	--	--	--
#1	3047	--	--	--	--	--	--
#2	3054	--	--	--	--	--	--

Analysis Report 07/04/06 00:52:45 AM page 1

Method: TRACE2 Sample Name: AD638457/L (1:5) Operator: SW
Run Time: 07/04/06 00:47:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08081	.00436	.17667	.09140	.00015	217.13	.00017
SDev	.00398	.00084	.00026	.00005	.00000	.13	.00016
%RSD	4.9212	19.345	.14518	.05704	.60557	.05831	95.951
#1	.08362	.00496	.17649	.09144	.00015	217.22	.00028
#2	.07800	.00377	.17685	.09136	.00015	217.04	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00056	.00032	.00278	.07413	17.888	11.012	.54774
SDev	.00039	.00033	.00038	.00467	.039	.022	.00038
%RSD	69.226	102.48	13.469	6.3001	.22049	.19603	.07005
#1	.00084	.00055	.00305	.07743	17.916	11.027	.54801
#2	.00029	.00009	.00252	.07082	17.860	10.996	.54746
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00071	334.18	.00198	.00660	.00816	.00764	-.00147
SDev	.00011	.02	.00001	.00090	.00078	.00022	.00039
%RSD	15.217	.00527	.56840	13.604	9.5767	2.9102	26.462
#1	.00078	334.17	.00197	.00596	.00871	.00780	-.00175
#2	.00063	334.19	.00199	.00723	.00761	.00748	-.00120
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00014	-.00139	-.00152	.00224	.00088	.00035	.16748
SDev	.00122	.00005	.00061	.00009	.00239	.00028	.00023
%RSD	872.62	3.4684	40.184	4.1869	270.44	81.398	.14044
#1	.00100	-.00136	-.00195	.00218	.00258	.00015	.16765
#2	-.00072	-.00142	-.00109	.00231	-.00081	.00055	.16732
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00097	-.00016
SDev	.00049	.00010
%RSD	50.703	62.941
#1	-.00062	-.00023
#2	-.00131	-.00009
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3236	--	--	--	--	--	--
SDev	2.015323	--	--	--	--	--	--
%RSD	.0622720	--	--	--	--	--	--
#1	3235	--	--	--	--	--	--
#2	3238	--	--	--	--	--	--

Analysis Report 07/04/06 00:57:38 AM page 1

Method: TRACE2 Sample Name: AD638457/PS Operator: SW
Run Time: 07/04/06 00:52:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46968	1.0726	.89901	1.4529	.97177	H1376.8	.95966
SDev	.00001	.0008	.00067	.0031	.00058	7.8	.00084
%RSD	.00154	.07421	.07434	.21644	.05957	.56312	.08722
#1	.46968	1.0720	.89948	1.4551	.97137	H1371.3	.95907
#2	.46967	1.0731	.89854	1.4507	.97218	H1382.3	.96025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.96843	.96012	1.0637	.48293	106.80	53.977	3.6269
SDev	.00031	.00044	.0014	.01428	.21	.081	.0003
%RSD	.03172	.04588	.12818	2.9575	.19573	.15083	.00883
#1	.96821	.95981	1.0647	.47283	106.94	53.919	3.6266
#2	.96865	.96043	1.0628	.49303	106.65	54.034	3.6271
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0532	H1303.6	1.0763	1.0020	1.0132	1.0095	1.0372
SDev	.0047	.3	.0027	.0006	.0064	.0041	.0010
%RSD	.44967	.02540	.24819	.06168	.63403	.40407	.10049
#1	1.0499	H1303.8	1.0744	1.0024	1.0087	1.0066	1.0365
#2	1.0566	H1303.3	1.0782	1.0015	1.0177	1.0123	1.0379
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0214	1.0246	1.0435	.02450	1.0004	.98390	1.7517
SDev	.0081	.0073	.0052	.00063	.0049	.00146	.0042
%RSD	.79108	.71282	.49975	2.5811	.48747	.14824	.24237
#1	1.0157	1.0297	1.0398	.02495	.99699	.98286	1.7487
#2	1.0271	1.0194	1.0472	.02405	1.0039	.98493	1.7547
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00265	1.0604
SDev	.00091	.0009
%RSD	34.420	.08027
#1	.00329	1.0610
#2	.00200	1.0598
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3066	--	--	--	--	--	--
SDev	1.750158	--	--	--	--	--	--
%RSD	.0570891	--	--	--	--	--	--
#1	3067	--	--	--	--	--	--
#2	3064	--	--	--	--	--	--

Analysis Report 07/04/06 01:02:32 AM page 1

Method: TRACE2 Sample Name: AD638458/MS Operator: SW
Run Time: 07/04/06 00:57:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37491	1.0363	.87100	1.3881	.90603	H1286.3	.91539
SDev	.00148	.0020	.00188	.0068	.00024	2.8	.00055
%RSD	.39510	.19760	.21578	.48870	.02612	.21392	.05955
#1	.37596	1.0378	.87233	1.3929	.90586	H1284.4	.91501
#2	.37386	1.0349	.86967	1.3833	.90620	H1288.3	.91578
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.91684	.91602	1.0391	.43156	102.67	52.000	3.4757
SDev	.00029	.00119	.0022	.00717	.41	.014	.0008
%RSD	.03186	.12991	.20788	1.6615	.39834	.02702	.02345
#1	.91663	.91518	1.0406	.42649	102.96	51.990	3.4751
#2	.91705	.91686	1.0375	.43663	102.38	52.010	3.4763
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.95129	H1269.3	.93659	.96710	.98014	.97580	1.0037
SDev	.00088	.9	.00058	.00078	.01392	.00902	.0069
%RSD	.09242	.07278	.06192	.08112	1.4204	.92483	.69029
#1	.95067	H1270.0	.93618	.96765	.97030	.96942	.99881
#2	.95191	H1268.6	.93700	.96654	.98999	.98218	1.0086
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0133	.99306	1.0091	.01079	.95715	.93814	1.6649
SDev	.0051	.00198	.0114	.00009	.00129	.00026	.0006
%RSD	.50102	.19953	1.1281	.80356	.13532	.02828	.03340
#1	1.0169	.99446	1.0010	.01085	.95623	.93795	1.6645
#2	1.0098	.99166	1.0171	.01073	.95806	.93833	1.6653
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00369	1.0273
SDev	.00096	.0018
%RSD	25.906	.17383
#1	.00301	1.0286
#2	.00436	1.0261
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3064	--	--	--	--	--	--
SDev	24.02385	--	--	--	--	--	--
%RSD	.7841801	--	--	--	--	--	--
#1	3081	--	--	--	--	--	--
#2	3047	--	--	--	--	--	--

Analysis Report QC Standard 07/04/06 01:08:51 AM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 07/04/06 01:04:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.037	.49714	.47231	.49749	.50289	25.700	.49410
SDev	.008	.00011	.00118	.00066	.00030	.058	.00044
%RSD	.03240	.02189	.24933	.13185	.06023	.22378	.08813
#1	25.031	.49706	.47148	.49796	.50311	25.659	.49441
#2	25.043	.49722	.47314	.49703	.50268	25.740	.49380
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49518	.49961	.51939	25.066	25.168	25.195	.50765
SDev	.00039	.00082	.00068	.017	.073	.016	.00002
%RSD	.07964	.16380	.13036	.06855	.28982	.06505	.00379
#1	.49545	.50019	.51987	25.078	25.220	25.207	.50766
#2	.49490	.49903	.51892	25.054	25.116	25.184	.50764
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50028	24.556	.50690	.50172	.50665	.50501	.50427
SDev	.00078	.169	.00025	.00334	.00042	.00084	.00160
%RSD	.15506	.68668	.04988	.66592	.08227	.16525	.31733
#1	.49973	24.437	.50708	.50408	.50635	.50560	.50314
#2	.50083	24.675	.50672	.49936	.50694	.50442	.50540
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50862	.49593	.50845	.51296	.50560	.50083	.49597
SDev	.00109	.00407	.00037	.00001	.00018	.00094	.00069
%RSD	.21421	.82012	.07214	.00108	.03661	.18840	.13864
#1	.50939	.49305	.50819	.51296	.50573	.50150	.49645
#2	.50784	.49880	.50871	.51297	.50547	.50016	.49548
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50572	.49710
SDev	.00162	.00067
%RSD	.32108	.13435
#1	.50687	.49757
#2	.50457	.49663
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3274	--	--	--	--	--	--
SDev	7.530791	--	--	--	--	--	--
%RSD	.2300409	--	--	--	--	--	--
#1	3268	--	--	--	--	--	--
#2	3279	--	--	--	--	--	--

Analysis Report Blank Sample 07/04/06 01:13:44 AM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 07/04/06 01:08:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00249	.00077	.00047	.00066	.00062	.01987	.00056
SDev	.00119	.00192	.00099	.00013	.00002	.04363	.00003
%RSD	47.662	248.61	211.57	19.134	2.4649	219.60	4.9950
#1	-.00165	.00213	-.00023	.00057	.00061	-.01098	.00054
#2	-.00333	-.00059	.00117	.00075	.00063	.05072	.00058
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00056	.00049	.00030	.01511	.01978	L-.11239	.00109
SDev	.00005	.00025	.00016	.00681	.01740	.00231	.00018
%RSD	9.2425	50.988	52.627	45.097	87.989	2.0512	16.589
#1	.00060	.00031	.00019	.01029	.03208	L-.11402	.00096
#2	.00052	.00067	.00042	.01992	.00747	L-.11076	.00121
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00254	-.39716	.00050	-.00106	.00118	.00043	.00288
SDev	.00015	.19832	.00024	.00164	.00097	.00010	.00040
%RSD	5.9659	49.935	47.505	154.36	82.218	23.446	13.731
#1	.00265	L-.53739	.00066	-.00222	.00187	.00051	.00260
#2	.00243	-.25692	.00033	.00010	.00050	.00036	.00316
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00292	.00676	.00094	.00051	.00076	.00059	.00086
SDev	.00167	.00044	.00037	.00021	.00120	.00021	.00013
%RSD	57.313	6.5562	39.637	41.716	158.95	35.287	14.891
#1	.00174	.00645	.00067	.00036	-.00009	.00044	.00077
#2	.00410	.00707	.00120	.00065	.00161	.00074	.00095
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00118	.00073
SDev	.00254	.00047
%RSD	214.70	65.337
#1	-.00298	.00039
#2	.00061	.00106
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3272	--	--	--	--	--	--
SDev	4.879140	--	--	--	--	--	--
%RSD	.1491237	--	--	--	--	--	--
#1	3268	--	--	--	--	--	--
#2	3275	--	--	--	--	--	--

Analysis Report 07/04/06 01:18:38 AM page 1

Method: TRACE2 Sample Name: AD638459/SD Operator: SW
Run Time: 07/04/06 01:13:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43957	1.0945	.91569	1.4716	.96625	H1493.5	.96800
SDev	.00192	.0038	.00374	.0014	.00052	10.6	.00108
%RSD	.43759	.34982	.40790	.09353	.05407	.70656	.11141
#1	.44093	1.0972	.91833	1.4725	.96662	H1500.9	.96876
#2	.43821	1.0918	.91305	1.4706	.96588	H1486.0	.96724
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97723	.97821	1.1061	.47380	109.13	55.589	3.7022
SDev	.00037	.00068	.0007	.00341	.05	.037	.0026
%RSD	.03800	.06980	.06200	.71989	.04545	.06731	.07140
#1	.97697	.97869	1.1066	.47139	109.09	55.616	3.7041
#2	.97749	.97773	1.1056	.47621	109.16	55.563	3.7003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0095	H1324.6	.99966	1.0258	1.0369	1.0332	1.0535
SDev	.0038	2.3	.00005	.0014	.0005	.0008	.0039
%RSD	.37343	.17356	.00536	.13469	.05185	.07924	.37105
#1	1.0069	H1326.2	.99962	1.0268	1.0373	1.0338	1.0562
#2	1.0122	H1323.0	.99969	1.0248	1.0365	1.0326	1.0507
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0638	1.0372	1.0616	.01941	1.0120	.99922	1.7766
SDev	.0066	.0012	.0053	.00020	.0116	.00059	.0014
%RSD	.61988	.11465	.49630	1.0089	1.1456	.05896	.07680
#1	1.0591	1.0381	1.0653	.01928	1.0039	.99964	1.7776
#2	1.0684	1.0364	1.0579	.01955	1.0202	.99880	1.7756
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00378	1.0818
SDev	.00081	.0019
%RSD	21.594	.17345
#1	.00320	1.0831
#2	.00435	1.0805
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3003	--	--	--	--	--	--
SDev	21.00104	--	--	--	--	--	--
%RSD	.6992479	--	--	--	--	--	--
#1	2989	--	--	--	--	--	--
#2	3018	--	--	--	--	--	--

Analysis Report 07/04/06 01:24:58 AM page 1

Method: TRACE2 Sample Name: AD635966 Operator: SW
Run Time: 07/04/06 01:20:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.72792	.00601	.02784	.56855	.00051	185.20	.00001
SDev	.00070	.00126	.00000	.00155	.00001	.13	.00005
%RSD	.09569	20.955	.00987	.27320	1.0799	.07216	542.70
#1	.72743	.00691	.02784	.56965	.00051	185.30	.00004
#2	.72842	.00512	.02785	.56745	.00051	185.11	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00139	.00233	.00085	86.818	3.4070	34.638	.45996
SDev	.00010	.00011	.00001	.088	.0305	.039	.00065
%RSD	7.3467	4.5293	1.4428	.10134	.89574	.11187	.14152
#1	.00132	.00240	.00084	86.880	3.4286	34.665	.46042
#2	.00147	.00225	.00085	86.756	3.3855	34.611	.45950
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00952	5.2446	.00234	-.00055	-.00058	-.00057	.00495
SDev	.00003	.0423	.00014	.00005	.00124	.00081	.00051
%RSD	.34072	.80579	5.8600	8.7037	214.71	142.30	10.199
#1	.00955	5.2147	.00224	-.00052	-.00145	-.00114	.00531
#2	.00950	5.2745	.00244	-.00059	.00030	.00000	.00459
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00330	.00012	.00736	.02585	.00583	.00172	.00654
SDev	.00089	.00278	.00215	.00050	.00135	.00007	.00019
%RSD	27.002	2342.0	29.129	1.9391	23.141	3.8339	2.8378
#1	.00267	-.00184	.00888	.02620	.00487	.00168	.00641
#2	.00393	.00208	.00585	.02549	.00678	.00177	.00668
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00138	.00027
SDev	.00010	.00032
%RSD	6.9228	122.01
#1	-.00145	.00004
#2	-.00131	.00050
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3275	--	--	--	--	--	--
SDev	4.932139	--	--	--	--	--	--
%RSD	.1505899	--	--	--	--	--	--
#1	3272	--	--	--	--	--	--
#2	3279	--	--	--	--	--	--

Analysis Report 07/04/06 01:29:52 AM page 1

Method: TRACE2 Sample Name: A6691508/TOT Operator: SW
Run Time: 07/04/06 01:25:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14600	.01039	.02388	.56561	.00060	188.03	.00024
SDev	.00374	.00053	.00099	.00189	.00010	1.44	.00014
%RSD	2.5599	5.1515	4.1386	.33410	16.210	.76636	58.376
#1	.14865	.01002	.02458	.56695	.00067	189.05	.00034
#2	.14336	.01077	.02318	.56427	.00053	187.02	.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00176	.00207	.00153	87.610	3.5819	35.233	.46325
SDev	.00002	.00001	.00038	.536	.0303	.224	.00318
%RSD	1.1013	.32204	24.614	.61135	.84467	.63579	.68676
#1	.00175	.00206	.00179	87.989	3.6033	35.392	.46550
#2	.00178	.00207	.00126	87.232	3.5605	35.075	.46100
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00820	5.4359	.00371	-.00377	.00004	-.00123	.00693
SDev	.00020	.1022	.00018	.00017	.00136	.00085	.00295
%RSD	2.3879	1.8803	4.9408	4.3957	3614.8	69.367	42.557
#1	.00806	5.5082	.00384	-.00389	.00100	-.00063	.00902
#2	.00834	5.3637	.00358	-.00366	-.00093	-.00184	.00485
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00115	.01505	.00287	.00239	-.00487	.00103	.00474
SDev	.00157	.00181	.00533	.00008	.00233	.00028	.00009
%RSD	135.78	12.000	185.53	3.2620	47.886	27.087	1.9604
#1	-.00226	.01378	.00664	.00233	-.00652	.00123	.00480
#2	-.00005	.01633	-.00090	.00244	-.00322	.00083	.00467
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.01033	.00054
SDev	.00048	.00022
%RSD	4.6282	40.512
#1	.00999	.00039
#2	.01066	.00070
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3319	--	--	--	--	--	--
SDev	15.85690	--	--	--	--	--	--
%RSD	.4777381	--	--	--	--	--	--
#1	3308	--	--	--	--	--	--
#2	3330	--	--	--	--	--	--

Analysis Report 07/04/06 01:36:12 AM page 1

Method: TRACE2 Sample Name: AD636749 Operator: SW
Run Time: 07/04/06 01:31:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.415	.01451	.05866	.14831	.00096	66.690	-.00002
SDev	.048	.00031	.00053	.00055	.00005	.031	.00005
%RSD	.23646	2.1204	.90209	.37347	5.3144	.04687	200.25
#1	20.449	.01472	.05829	.14870	.00092	66.712	-.00006
#2	20.381	.01429	.05903	.14792	.00099	66.668	.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00914	.02249	.02927	23.517	5.4820	20.737	.45589
SDev	.00021	.00003	.00007	.055	.0207	.020	.00033
%RSD	2.3297	.13515	.24566	.23317	.37810	.09596	.07337
#1	.00929	.02251	.02922	23.556	5.4966	20.752	.45612
#2	.00899	.02247	.02932	23.479	5.4673	20.723	.45565
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00638	28.344	.02092	.01101	.00942	.00995	.00037
SDev	.00012	.109	.00015	.00066	.00201	.00112	.00105
%RSD	1.8273	.38299	.72026	6.0214	21.310	11.234	284.51
#1	.00629	28.268	.02102	.01148	.00800	.00916	.00111
#2	.00646	28.421	.02081	.01054	.01083	.01074	-.00037
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00092	.00410	-.00150	.48151	.00214	.03143	.06145
SDev	.00012	.00534	.00110	.00689	.00022	.00028	.00029
%RSD	13.259	130.32	73.468	1.4309	10.439	.90610	.46501
#1	.00100	.00787	-.00227	.48639	.00230	.03163	.06166
#2	.00083	.00032	-.00072	.47664	.00198	.03123	.06125
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00093	.00000
SDev	.00092	.00022
%RSD	98.916	5321.9
#1	.00159	.00016
#2	.00028	-.00015
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3357	--	--	--	--	--	--
SDev	8.697448	--	--	--	--	--	--
%RSD	.2591129	--	--	--	--	--	--
#1	3350	--	--	--	--	--	--
#2	3363	--	--	--	--	--	--

Analysis Report 07/04/06 01:41:04 AM page 1

Method: TRACE2 Sample Name: A6710101/TOT Operator: SW
Run Time: 07/04/06 01:36:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.2596	.00552	.04657	.06670	.00039	66.259	.00025
SDev	.0315	.00007	.00000	.00029	.00004	.537	.00011
%RSD	.96516	1.2837	.00266	.43795	10.825	.80985	44.796
#1	3.2818	.00557	.04657	.06691	.00042	66.638	.00017
#2	3.2373	.00547	.04657	.06650	.00036	65.879	.00033
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00493	.00394	.02086	6.2581	1.0357	17.464	.34756
SDev	.00019	.00041	.00006	.0350	.0137	.135	.00292
%RSD	3.9581	10.392	.27559	.55849	1.3181	.77280	.83903
#1	.00479	.00365	.02090	6.2828	1.0453	17.559	.34962
#2	.00507	.00423	.02082	6.2334	1.0260	17.368	.34550
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00021	28.537	.00909	.00577	.00750	.00692	-.00034
SDev	.00014	.471	.00016	.00151	.00064	.00008	.00159
%RSD	65.175	1.6499	1.8080	26.233	8.4935	1.1389	474.49
#1	.00031	28.870	.00921	.00470	.00795	.00687	.00079
#2	.00011	28.204	.00897	.00683	.00705	.00698	-.00146
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00139	.00415	-.00258	.04055	-.00095	.00830	.03121
SDev	.00100	.00044	.00217	.00052	.00145	.00005	.00038
%RSD	71.960	10.615	84.199	1.2924	153.55	.65182	1.2343
#1	-.00210	.00446	-.00104	.04018	.00008	.00834	.03149
#2	-.00068	.00384	-.00411	.04092	-.00197	.00826	.03094
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00138	-.00019
SDev	.00018	.00066
%RSD	12.992	353.10
#1	.00126	-.00065
#2	.00151	.00028
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3385	--	--	--	--	--	--
SDev	21.26638	--	--	--	--	--	--
%RSD	.6281674	--	--	--	--	--	--
#1	3370	--	--	--	--	--	--
#2	3401	--	--	--	--	--	--

Analysis Report 07/04/06 01:47:22 AM page 1

Method: TRACE2 Sample Name: AD636750 Operator: SW
Run Time: 07/04/06 01:42:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03150	.00659	.01298	.01136	.00017	71.233	-.00039
SDev	.00161	.00060	.00003	.00006	.00002	.023	.00003
%RSD	5.1164	9.1774	.18927	.49306	13.730	.03281	6.6482
#1	.03036	.00701	.01296	.01140	.00016	71.217	-.00041
#2	.03264	.00616	.01300	.01132	.00019	71.250	-.00038
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01025	.00009	.00020	107.27	.35363	20.361	2.1390
SDev	.00015	.00036	.00005	.15	.01856	.010	.0026
%RSD	1.5167	392.87	24.795	.13610	5.2472	.04909	.12000
#1	.01036	-.00016	.00016	107.37	.36675	20.368	2.1408
#2	.01014	.00035	.00023	107.17	.34051	20.354	2.1372
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01023	9.3344	.00069	-.00270	-.00019	-.00103	.00435
SDev	.00016	.0402	.00004	.00033	.00202	.00124	.00048
%RSD	1.5761	.43073	5.6010	12.037	1063.9	120.47	10.985
#1	.01034	9.3060	.00066	-.00247	-.00162	-.00190	.00401
#2	.01011	9.3628	.00071	-.00293	.00124	-.00015	.00468
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	.00074	.00615	.00118	.00658	.00027	.00463
SDev	.00421	.00314	.00229	.00017	.00312	.00014	.00020
%RSD	2210.8	423.98	37.202	14.136	47.372	50.380	4.3444
#1	.00317	.00296	.00453	.00130	.00878	.00037	.00477
#2	-.00279	-.00148	.00777	.00107	.00438	.00018	.00449
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00145	.00028
SDev	.00080	.00045
%RSD	55.181	158.54
#1	.00201	.00060
#2	.00088	-.00003
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3266	--	--	--	--	--	--
SDev	.4243331	--	--	--	--	--	--
%RSD	.0129906	--	--	--	--	--	--
#1	3266	--	--	--	--	--	--
#2	3267	--	--	--	--	--	--

Analysis Report 07/04/06 01:52:15 AM page 1

Method: TRACE2 Sample Name: A6710102/TOT Operator: SW
Run Time: 07/04/06 01:47:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00806	.00794	.00963	.01086	.00015	71.304	-.00041
SDev	.00311	.00150	.00057	.00007	.00004	.086	.00003
%RSD	38.637	18.945	5.9677	.66520	24.429	.12105	7.9385
#1	-.00586	.00688	.00923	.01091	.00017	71.365	-.00043
#2	-.01026	.00900	.01004	.01080	.00012	71.243	-.00039
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01051	-.00034	.00019	107.33	.37750	20.556	2.1343
SDev	.00017	.00028	.00056	.23	.00479	.035	.0036
%RSD	1.6504	82.337	288.66	.21277	1.2680	.17107	.17001
#1	.01063	-.00053	-.00020	107.49	.38088	20.581	2.1369
#2	.01039	-.00014	.00059	107.17	.37411	20.531	2.1318
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00960	9.4711	.00132	-.00512	-.00066	-.00215	.00707
SDev	.00020	.0223	.00001	.00015	.00051	.00029	.00259
%RSD	2.0626	.23557	.78347	2.9225	77.240	13.611	36.595
#1	.00974	9.4869	.00131	-.00501	-.00103	-.00235	.00890
#2	.00946	9.4553	.00132	-.00522	-.00030	-.00194	.00524
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00085	.00909	.00606	.00013	.00568	.00002	.00347
SDev	.00021	.00354	.00211	.00018	.00252	.00013	.00007
%RSD	24.561	38.966	34.815	138.20	44.338	553.28	1.9823
#1	-.00070	.01160	.00755	.00000	.00747	-.00007	.00351
#2	-.00100	.00659	.00457	.00026	.00390	.00012	.00342
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00431	-.00027
SDev	.00169	.00004
%RSD	39.107	14.498
#1	.00312	-.00029
#2	.00550	-.00024
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3331	--	--	--	--	--	--
SDev	15.69774	--	--	--	--	--	--
%RSD	.4713185	--	--	--	--	--	--
#1	3320	--	--	--	--	--	--
#2	3342	--	--	--	--	--	--

Analysis Report 07/04/06 01:58:33 AM page 1

Method: TRACE2 Sample Name: AD636751 Operator: SW
Run Time: 07/04/06 01:53:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1279	.02520	.02958	.09308	.00015	60.946	-.00041
SDev	.0063	.00019	.00120	.00009	.00001	.029	.00012
%RSD	.55930	.73854	4.0623	.10005	6.1493	.04767	27.887
#1	1.1323	.02507	.02873	.09314	.00016	60.926	-.00050
#2	1.1234	.02533	.03043	.09301	.00015	60.967	-.00033
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00512	.00141	.00303	113.90	2.0050	10.917	1.8052
SDev	.00004	.00005	.00007	.02	.0100	.005	.0009
%RSD	.82410	3.2292	2.1968	.01780	.50030	.04291	.05003
#1	.00515	.00138	.00298	113.89	2.0121	10.914	1.8046
#2	.00509	.00144	.00307	113.92	1.9979	10.920	1.8058
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01232	4.5555	.00284	-.00239	-.00009	-.00085	.00699
SDev	.00100	.0701	.00047	.00249	.00017	.00072	.00211
%RSD	8.1284	1.5387	16.631	104.15	195.46	84.198	30.240
#1	.01303	4.5059	.00250	-.00063	-.00020	-.00035	.00549
#2	.01161	4.6051	.00317	-.00416	.00003	-.00136	.00848
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00066	.00310	.00893	.03242	.00593	.00267	.00999
SDev	.00130	.00341	.00488	.00186	.00071	.00030	.00027
%RSD	196.95	110.25	54.590	5.7505	12.013	11.043	2.7166
#1	-.00026	.00551	.00548	.03110	.00643	.00288	.01018
#2	.00158	.00068	.01238	.03374	.00542	.00246	.00980
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00065	.00025
SDev	.00156	.00012
%RSD	239.42	50.078
#1	.00176	.00016
#2	-.00045	.00034
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3282	--	--	--	--	--	--
SDev	9.333775	--	--	--	--	--	--
%RSD	.2843669	--	--	--	--	--	--
#1	3276	--	--	--	--	--	--
#2	3289	--	--	--	--	--	--

Analysis Report 07/04/06 02:03:26 AM page 1

Method: TRACE2 Sample Name: A6710103/TOT Operator: SW
Run Time: 07/04/06 01:58:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.30864	.02439	.02515	.08054	.00016	60.372	-.00018
SDev	.00600	.00045	.00041	.00047	.00006	.887	.00003
%RSD	1.9426	1.8346	1.6331	.58336	37.778	1.4693	19.778
#1	.31288	.02471	.02544	.08087	.00020	60.999	-.00020
#2	.30440	.02407	.02486	.08021	.00012	59.744	-.00015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00548	.00065	.00309	112.09	1.9367	10.798	1.7805
SDev	.00040	.00047	.00026	1.58	.0262	.170	.0257
%RSD	7.2918	71.695	8.3703	1.4078	1.3524	1.5725	1.4445
#1	.00576	.00098	.00327	113.20	1.9552	10.918	1.7986
#2	.00519	.00032	.00291	110.97	1.9181	10.678	1.7623
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01024	4.6944	.00358	-.00364	.00066	-.00077	.00768
SDev	.00087	.1432	.00038	.00009	.00033	.00019	.00189
%RSD	8.4944	3.0498	10.645	2.4753	49.448	24.520	24.591
#1	.01086	4.7956	.00385	-.00357	.00043	-.00090	.00901
#2	.00963	4.5931	.00331	-.00370	.00089	-.00064	.00634
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00114	.00857	.00723	.00854	.00392	.00164	.00706
SDev	.00233	.00158	.00204	.00063	.00102	.00004	.00023
%RSD	204.53	18.415	28.255	7.3297	26.049	2.6264	3.2477
#1	.00278	.00969	.00867	.00810	.00465	.00161	.00722
#2	-.00051	.00746	.00578	.00898	.00320	.00167	.00690
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00354	.00012
SDev	.00084	.00001
%RSD	23.670	10.738
#1	.00413	.00013
#2	.00295	.00011
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3315	--	--	--	--	--	--
SDev	45.66139	--	--	--	--	--	--
%RSD	1.377526	--	--	--	--	--	--
#1	3282	--	--	--	--	--	--
#2	3347	--	--	--	--	--	--

Analysis Report 07/04/06 02:09:44 AM page 1

Method: TRACE2 Sample Name: AD636752 Operator: SW
Run Time: 07/04/06 02:04:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07770	.00116	.01725	.10279	.00007	92.253	-.00012
SDev	.00135	.00090	.00046	.00017	.00001	.027	.00008
%RSD	1.7352	77.519	2.6401	.16799	14.908	.02891	67.557
#1	.07675	.00179	.01693	.10267	.00006	92.234	-.00018
#2	.07866	.00052	.01757	.10291	.00008	92.272	-.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00451	-.00026	.00075	24.551	.74351	18.447	3.0681
SDev	.00022	.00018	.00012	.003	.02228	.009	.0022
%RSD	4.8725	70.682	16.210	.01216	2.9970	.05038	.07071
#1	.00435	-.00013	.00066	24.548	.75927	18.440	3.0696
#2	.00467	-.00039	.00083	24.553	.72776	18.454	3.0665
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00200	20.445	.00158	-.00128	.00081	.00011	.00148
SDev	.00076	.003	.00003	.00245	.00182	.00040	.00098
%RSD	38.067	.01631	2.0419	190.88	225.91	361.87	66.208
#1	.00254	20.443	.00156	.00045	-.00048	-.00017	.00079
#2	.00146	20.448	.00160	-.00301	.00209	.00039	.00217
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00041	.00273	.00086	.00282	.00066	.00003	.00662
SDev	.00038	.00505	.00400	.00003	.00186	.00028	.00018
%RSD	92.757	185.30	465.96	1.0862	281.78	987.14	2.6745
#1	-.00067	.00630	-.00197	.00284	-.00065	-.00017	.00649
#2	-.00014	-.00085	.00368	.00280	.00197	.00022	.00674
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00037	.00049
SDev	.00012	.00057
%RSD	32.049	115.61
#1	.00028	.00089
#2	.00045	.00009
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3254	--	--	--	--	--	--
SDev	10.55360	--	--	--	--	--	--
%RSD	.3242835	--	--	--	--	--	--
#1	3247	--	--	--	--	--	--
#2	3262	--	--	--	--	--	--

Analysis Report QC Standard 07/04/06 02:17:28 AM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 07/04/06 02:12:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.925	.49184	.47094	.49347	.50066	25.166	.49310
SDev	.029	.00020	.00132	.00087	.00062	.009	.00078
%RSD	.11706	.04019	.28077	.17656	.12313	.03377	.15851
#1	24.946	.49170	.47188	.49409	.50110	25.172	.49365
#2	24.905	.49198	.47001	.49285	.50023	25.160	.49255
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49377	.49798	.51785	25.086	25.072	25.134	.50775
SDev	.00130	.00049	.00140	.004	.008	.041	.00007
%RSD	.26438	.09765	.27119	.01548	.03333	.16158	.01322
#1	.49469	.49763	.51884	25.089	25.066	25.163	.50780
#2	.49285	.49832	.51685	25.083	25.077	25.105	.50770
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49604	23.755	.50471	.50089	.50226	.50181	.49875
SDev	.00104	.050	.00018	.00272	.00002	.00092	.00368
%RSD	.20910	.21019	.03510	.54354	.00352	.18302	.73873
#1	.49531	23.719	.50484	.50282	.50228	.50246	.50135
#2	.49677	23.790	.50459	.49897	.50225	.50116	.49614
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49984	.49408	.50109	.50864	.50204	.49679	.49334
SDev	.00207	.00185	.00460	.00061	.00289	.00045	.00055
%RSD	.41340	.37358	.91875	.12080	.57571	.09098	.11238
#1	.49838	.49539	.50435	.50908	.50408	.49711	.49373
#2	.50130	.49278	.49784	.50821	.50000	.49647	.49295
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50473	.49647
SDev	.00208	.00120
%RSD	.41156	.24122
#1	.50620	.49731
#2	.50326	.49562
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3245	--	--	--	--	--	--
SDev	13.52342	--	--	--	--	--	--
%RSD	.4167479	--	--	--	--	--	--
#1	3235	--	--	--	--	--	--
#2	3255	--	--	--	--	--	--

Analysis Report Blank Sample 07/04/06 02:22:22 AM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 07/04/06 02:17:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00332	.00152	-.00132	.00044	.00048	L-.15450	.00042
SDev	.00440	.00075	.00018	.00011	.00004	.00744	.00014
%RSD	132.29	49.499	13.274	25.120	7.4853	4.8161	32.541
#1	-.00643	.00099	-.00145	.00036	.00045	L-.15976	.00032
#2	-.00021	.00205	-.00120	.00051	.00050	L-.14924	.00052
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00015	.00017	.00065	.02456	.00360	L-.11668	.00105
SDev	.00044	.00015	.00042	.00862	.00219	.00377	.00018
%RSD	286.87	91.103	64.658	35.115	60.957	3.2283	17.459
#1	-.00046	.00006	.00035	.01846	.00515	L-.11935	.00092
#2	.00016	.00028	.00095	.03066	.00205	L-.11402	.00118
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00143	L-.83569	.00015	.00014	.00050	.00038	.00141
SDev	.00005	.03046	.00015	.00091	.00001	.00031	.00134
%RSD	3.5687	3.6452	95.953	654.39	2.1248	80.922	95.089
#1	.00146	L-.81415	.00005	.00078	.00051	.00060	.00236
#2	.00139	L-.85723	.00025	-.00050	.00050	.00016	.00046
Errors	LC Pass	LC Low	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00078	.00363	.00030	.00044	.00014	.00035	.00054
SDev	.00044	.00000	.00201	.00005	.00288	.00014	.00033
%RSD	56.645	.04233	674.00	11.458	2063.2	40.749	59.942
#1	.00047	.00363	.00172	.00048	-.00190	.00025	.00031
#2	.00109	.00363	-.00112	.00040	.00218	.00044	.00077
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00033	.00062
SDev	.00247	.00003
%RSD	740.38	4.0917
#1	-.00141	.00061
#2	.00208	.00064
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3256	--	--	--	--	--	--
SDev	2.174319	--	--	--	--	--	--
%RSD	.0667816	--	--	--	--	--	--
#1	3257	--	--	--	--	--	--
#2	3254	--	--	--	--	--	--

Analysis Report 07/04/06 02:27:16 AM page 1

Method: TRACE2 Sample Name: A6710104/TOT Operator: SW
Run Time: 07/04/06 02:22:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01506	.00904	.01359	.06434	.00015	88.500	.00024
SDev	.00101	.00072	.00009	.00540	.00003	2.231	.00005
%RSD	6.7352	8.0169	.62517	8.3957	20.464	2.5207	21.731
#1	-.01434	.00955	.01365	.06052	.00017	86.923	.00027
#2	-.01578	.00852	.01353	.06816	.00013	90.078	.00020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00364	-.00045	.00074	.52770	.75470	18.148	2.6288
SDev	.00042	.00011	.00007	.01767	.00466	.069	.3006
%RSD	11.551	25.169	9.7055	3.3489	.61723	.37776	11.435
#1	.00334	-.00053	.00079	.51520	.75141	18.100	2.4162
#2	.00393	-.00037	.00069	.54020	.75800	18.197	2.8413
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00049	20.335	.00240	-.00226	.00206	.00062	.00464
SDev	.00002	.134	.00007	.00188	.00071	.00110	.00056
%RSD	4.2715	.65769	3.0927	83.179	34.280	176.33	11.962
#1	.00047	20.430	.00235	-.00093	.00257	.00140	.00503
#2	.00050	20.241	.00246	-.00360	.00156	-.00015	.00425
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00436	.01781	-.00195	-.00030	L-.01355	.00028	.00038
SDev	.00031	.00267	.00050	.00016	.00086	.00021	.00007
%RSD	7.0995	14.972	25.722	52.543	6.3819	74.957	17.745
#1	-.00458	.01969	-.00230	-.00019	L-.01416	.00013	.00033
#2	-.00414	.01592	-.00159	-.00041	L-.01294	.00043	.00043
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.01912	.00054
SDev	.00010	.00006
%RSD	.50004	11.818
#1	.01919	.00049
#2	.01906	.00059
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3282	--	--	--	--	--	--
SDev	10.65960	--	--	--	--	--	--
%RSD	.3248231	--	--	--	--	--	--
#1	3289	--	--	--	--	--	--
#2	3274	--	--	--	--	--	--

Analysis Report 07/04/06 02:33:35 AM page 1

Method: TRACE2 Sample Name: AD636753 Operator: SW
Run Time: 07/04/06 02:28:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09851	-.00216	.00913	.08910	.00014	62.509	-.00012
SDev	.00059	.00336	.00147	.00024	.00004	.068	.00004
%RSD	.59684	155.26	16.154	.26473	27.382	.10881	37.240
#1	.09809	.00021	.01018	.08927	.00011	62.461	-.00009
#2	.09893	-.00453	.00809	.08894	.00017	62.557	-.00015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00045	.00009	.00053	9.0837	.84767	14.466	.69617
SDev	.00034	.00001	.00033	.0062	.00047	.018	.00016
%RSD	74.115	10.493	61.577	.06854	.05534	.12758	.02275
#1	.00069	.00008	.00076	9.0881	.84734	14.453	.69606
#2	.00022	.00010	.00030	9.0793	.84800	14.480	.69629
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00149	59.782	.00110	.00047	-.00075	-.00034	-.00018
SDev	.00081	.146	.00031	.00049	.00020	.00030	.00166
%RSD	53.974	.24430	28.000	104.30	27.289	87.176	909.14
#1	.00206	59.886	.00132	.00082	-.00061	-.00013	-.00136
#2	.00092	59.679	.00088	.00012	-.00089	-.00056	.00099
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00037	.00237	-.00146	.00290	-.00193	.00030	.00487
SDev	.00093	.00350	.00074	.00022	.00252	.00049	.00014
%RSD	255.33	147.68	51.034	7.7716	130.14	162.02	2.7937
#1	-.00103	-.00010	-.00199	.00306	-.00015	.00065	.00496
#2	.00029	.00484	-.00093	.00274	-.00371	-.00004	.00477
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00086	.00054
SDev	.00209	.00014
%RSD	243.39	25.571
#1	-.00234	.00064
#2	.00062	.00045
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3252	--	--	--	--	--	--
SDev	3.871479	--	--	--	--	--	--
%RSD	.1190670	--	--	--	--	--	--
#1	3249	--	--	--	--	--	--
#2	3254	--	--	--	--	--	--

Analysis Report 07/04/06 02:38:29 AM page 1

Method: TRACE2 Sample Name: A6710105/TOT Operator: SW
Run Time: 07/04/06 02:33:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05426	.00201	.00555	.08673	.00010	62.900	-.00005
SDev	.00450	.00058	.00052	.00002	.00004	.567	.00008
%RSD	8.2864	28.706	9.4732	.01695	37.979	.90126	146.62
#1	.05744	.00160	.00592	.08672	.00012	63.301	.00000
#2	.05108	.00242	.00517	.08674	.00007	62.499	-.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00131	-.00028	.00087	9.1453	.89597	14.691	.69787
SDev	.00036	.00040	.00020	.0457	.00498	.114	.00470
%RSD	27.828	145.46	22.691	.50008	.55527	.77620	.67301
#1	.00156	.00001	.00101	9.1777	.89949	14.771	.70119
#2	.00105	-.00056	.00073	9.1130	.89245	14.610	.69455
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00083	61.626	.00240	-.00184	.00003	-.00059	-.00023
SDev	.00005	.451	.00025	.00414	.00220	.00009	.00035
%RSD	6.0158	.73173	10.454	224.95	7822.2	14.735	154.53
#1	.00087	61.945	.00222	-.00477	.00158	-.00053	.00002
#2	.00080	61.307	.00258	.00109	-.00153	-.00066	-.00048
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			60.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00156	.00388	-.00228	.00243	-.00200	.00010	.00354
SDev	.00148	.00217	.00161	.00011	.00116	.00007	.00028
%RSD	94.857	55.931	70.672	4.5498	57.842	73.913	7.9473
#1	-.00051	.00235	-.00114	.00235	-.00118	.00015	.00374
#2	-.00260	.00542	-.00342	.00251	-.00282	.00005	.00334
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	14.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00131	-.00014
SDev	.00170	.00042
%RSD	130.15	302.42
#1	.00251	-.00044
#2	.00010	.00016
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3290	--	--	--	--	--	--
SDev	21.74353	--	--	--	--	--	--
%RSD	.6608474	--	--	--	--	--	--
#1	3275	--	--	--	--	--	--
#2	3306	--	--	--	--	--	--

Analysis Report QC Standard 07/04/06 02:46:12 AM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 07/04/06 02:41:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.762	.49027	.46915	.48937	.49708	24.931	.48987
SDev	.032	.00228	.00233	.00005	.00028	.039	.00027
%RSD	.12908	.46458	.49645	.01055	.05618	.15801	.05431
#1	24.739	.49188	.46750	.48933	.49688	24.904	.48968
#2	24.785	.48866	.47080	.48941	.49728	24.959	.49006
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49112	.49600	.51507	24.945	25.048	24.990	.50406
SDev	.00052	.00031	.00010	.037	.049	.043	.00059
%RSD	.10494	.06255	.01858	.14902	.19572	.17082	.11672
#1	.49076	.49579	.51514	24.919	25.014	24.960	.50365
#2	.49148	.49622	.51501	24.972	25.083	25.020	.50448
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49406	23.610	.50105	.49697	.50060	.49939	.49219
SDev	.00240	.001	.00016	.00080	.00148	.00125	.00112
%RSD	.48618	.00443	.03202	.15991	.29635	.25113	.22673
#1	.49236	23.611	.50094	.49641	.49955	.49851	.49140
#2	.49576	23.609	.50116	.49753	.50165	.50028	.49298
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49839	.48661	.49499	.50397	.49992	.49406	.49101
SDev	.00468	.00035	.00185	.00043	.00574	.00174	.00039
%RSD	.93809	.07262	.37387	.08508	1.1480	.35159	.07896
#1	.49508	.48686	.49368	.50367	.49586	.49283	.49073
#2	.50169	.48636	.49630	.50428	.50397	.49529	.49128
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.49961	.49505
SDev	.00136	.00010
%RSD	.27166	.01910
#1	.50057	.49512
#2	.49865	.49499
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3248	--	--	--	--	--	--
SDev	1.697160	--	--	--	--	--	--
%RSD	.0522545	--	--	--	--	--	--
#1	3249	--	--	--	--	--	--
#2	3247	--	--	--	--	--	--

Analysis Report Blank Sample 07/04/06 02:51:06 AM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 07/04/06 02:46:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00280	.00091	-.00121	.00046	.00057	L-.16104	.00048
SDev	.00215	.00021	.00057	.00003	.00003	.00464	.00012
%RSD	76.807	23.423	47.127	5.5328	5.1026	2.8792	25.606
#1	.00128	.00076	-.00162	.00044	.00055	L-.16432	.00040
#2	.00432	.00106	-.00081	.00047	.00059	L-.15777	.00057
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00036	.00023	.00093	.02016	.00802	L-.11214	.00076
SDev	.00023	.00033	.00000	.00116	.01026	.00199	.00010
%RSD	65.102	139.05	.40454	5.7518	127.92	1.7769	13.113
#1	.00019	.00000	.00093	.01934	.01527	L-.11355	.00069
#2	.00052	.00046	.00093	.02098	.00077	L-.11073	.00083
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00149	L-.78487	.00053	.00104	.00099	.00101	-.00071
SDev	.00037	.10212	.00000	.00210	.00338	.00155	.00064
%RSD	24.833	13.011	.63438	200.96	341.32	154.17	90.324
#1	.00175	L-.85708	.00053	.00253	-.00140	-.00009	-.00117
#2	.00123	L-.71266	.00053	-.00044	.00338	.00211	-.00026
Errors	LC Pass	LC Low	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00345	-.00335	.00061	.00052	.00135	.00050	.00064
SDev	.00307	.00244	.00026	.00008	.00255	.00035	.00020
%RSD	88.925	72.863	42.178	14.855	188.87	70.976	30.719
#1	.00128	-.00508	.00079	.00046	-.00045	.00025	.00050
#2	.00562	-.00162	.00043	.00057	.00315	.00075	.00078
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00032	.00028
SDev	.00064	.00014
%RSD	198.40	50.092
#1	.00077	.00037
#2	-.00013	.00018
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3248	--	--	--	--	--	--
SDev	1.484821	--	--	--	--	--	--
%RSD	.0457167	--	--	--	--	--	--
#1	3249	--	--	--	--	--	--
#2	3247	--	--	--	--	--	--

METALS DIGESTION LOG
A6B21321 - 06/20/06 SW8463 TOTAL 3005 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After		Clarity Before/After		Textur
06/20/06	07:00	MAP	A06-6915	A6691501	A	FS	AD635959	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
06/20/06	07:00	MAP	A06-6915	A6691502	A	FS	AD635960	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
06/20/06	07:00	MAP	A06-6915	A6691503	A	FS	AD635961	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
06/20/06	07:00	MAP	A06-6915	A6691504	A	FS	AD635962	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
06/20/06	07:00	MAP	A06-6915	A6691505	A	FS	AD635963	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
06/20/06	07:00	MAP	A06-6915	A6691506	A	FS	AD635964	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
06/20/06	07:00	MAP	A06-6915	A6691507	A	FS	AD635965	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
06/20/06	07:00	MAP	A06-6915	A6691508	A	FS	AD635966	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
06/20/06	07:00	MAP	A06-6915	A6691509	A	FS	AD635967	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
06/20/06	07:00	MAP	A06-6915	A6691510	A	FS	AD635968	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
06/20/06	07:00	MAP	A06-6915	A6691510MS	A	MS	AD635969	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
06/20/06	07:00	MAP	A06-6915	A6691510SD	A	SD	AD635970	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
06/20/06	07:00	MAP	A06-6918	A6691801	A	FS	AD635971	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
06/20/06	07:00	MAP	A06-6928	A6692801	A	FS	AD635972	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
06/20/06	07:00	MAP	A06-6928	A6692802	A	FS	AD635973	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
06/20/06	07:00	MAP		A6B2132101	A	LFB	AD635974	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
06/20/06	07:00	MAP		A6B2132102	A	MBLK	AD635975	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE

Comments: EPPENDORF'S USED IN PARENTHESIS:
(MDL3) .250ml SN 1853714
QUALITY CONTROL ADDITIVES:
SPIKES ADDED / EPPENDORF (*) USED FOR SPIKING
A- 1 - W1 04-MDL-17 (MDL3) .25 ml PER 50ML FIN VOL
2 - W2 04-MDL-18 (MDL3) .25 ml PER 50ML FIN VOL
3 - Ag MSL0408 (MDL3) .25 ml PER 50ML FIN VOL
4 - Sn MSL0410 (MDL3) .25 ml PER 50ML FIN VOL
CONC. NITRIC ACID = 06-MDL-11
CONC. Hcl ACID = 06-MDL-04
HOT BLOCK TEMPERATURE = 120

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

METALS DIGESTION LOG
A6B21321 - 06/20/06 SW8463 TOTAL 3005 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After	Clarity Before/After	Textur

SAMPLE TEMPERATURE = 96
BATCH ENDED = 06/20/06
DIGESTIVE CUP LOT = A511LS105

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

METALS DIGESTION LOG
A6B21546 - 06/22/06 SW8463 TOTAL 3005 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After		Clarity Before/After		Textur
06/22/06	07:00	MAP	A06-7098	A6709804	A	FS	AD636736	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
06/22/06	07:00	MAP	A06-7099	A6709901	A	FS	AD636737	A	TM	50.00	50.00	GRAY	GRAY	CLOUDY	CLOUDY	NONE
06/22/06	07:00	MAP	A06-7099	A6709901MS	A	MS	AD636738	A	TM	50.00	50.00	GRAY	GRAY	CLOUDY	CLOUDY	NONE
06/22/06	07:00	MAP	A06-7099	A6709901SD	A	SD	AD636739	A	TM	50.00	50.00	GRAY	GRAY	CLOUDY	CLOUDY	NONE
06/22/06	07:00	MAP	A06-7099	A6709902	A	FS	AD636740	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
06/22/06	07:00	MAP	A06-7099	A6709903	A	FS	AD636741	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
06/22/06	07:00	MAP	A06-7099	A6709904	A	FS	AD636742	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
06/22/06	07:00	MAP	A06-7099	A6709905	A	FS	AD636743	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
06/22/06	07:00	MAP	A06-7099	A6709906	A	FS	AD636744	A	TM	50.00	50.00	GRAY	GRAY	CLOUDY	CLOUDY	NONE
06/22/06	07:00	MAP	A06-7099	A6709907	A	FS	AD636745	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
06/22/06	07:00	MAP	A06-7099	A6709908	A	FS	AD636746	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
06/22/06	07:00	MAP	A06-7099	A6709909	A	FS	AD636747	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
06/22/06	07:00	MAP	A06-7099	A6709910	A	FS	AD636748	A	TM	50.00	50.00	GRAY	GRAY	CLOUDY	CLOUDY	NONE
06/22/06	07:00	MAP	A06-7101	A6710101	A	FS	AD636749	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
06/22/06	07:00	MAP	A06-7101	A6710102	A	FS	AD636750	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
06/22/06	07:00	MAP	A06-7101	A6710103	A	FS	AD636751	A	TM	50.00	50.00	YELLOW	YELLOW	CLOUDY	CLOUDY	NONE
06/22/06	07:00	MAP	A06-7101	A6710104	A	FS	AD636752	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
06/22/06	07:00	MAP	A06-7101	A6710105	A	FS	AD636753	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
06/22/06	07:00	MAP		A6B2154601	A	LFB	AD636754	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
06/22/06	07:00	MAP		A6B2154602	A	MBLK	AD636755	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE

Comments: EPPENDORF'S USED IN PARENTHESIS:
(MDL3) .250ml SN 1853714
QUALITY CONTROL ADDITIVES:
SPIKES ADDED / EPPENDORF (*) USED FOR SPIKING
A- 1 - W1 04-MDL-17 (MDL3) .25 ml PER 50ML FIN VOL
2 - W2 04-MDL-18 (MDL3) .25 ml PER 50ML FIN VOL
3 - Ag MSL0408 (MDL3) .25 ml PER 50ML FIN VOL
4 - Sn MSL0410 (MDL3) .25 ml PER 50ML FIN VOL

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

1220/1248

METALS DIGESTION LOG
A6B21546 - 06/22/06 SW8463 TOTAL 3005 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After	Clarity Before/After	Textur

CONC. NITRIC ACID = 06-MDL-11
CONC. Hcl ACID = 06-MDL-04
HOT BLOCK TEMPERATURE = 121
SAMPLE TEMPERATURE = 96
BATCH ENDED = 06/22/06
DIGESTIVE CUP LOT = A511LS105

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

METALS DIGESTION LOG
A6B21302 - 6/19/2006 NON-CLP WATER Hg W1 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After		Clarity Before/After		Textur
06/19/06	08:00	LH	A06-6781	A6678111	A	FS	AD635836	A	MERCURY	30.00	50.00					
06/19/06	08:00	LH	A06-6781	A6678111MS	A	MS	AD635837	A	MERCURY	30.00	50.00					
06/19/06	08:00	LH	A06-6781	A6678111SD	A	SD	AD635838	A	MERCURY	30.00	50.00					
06/19/06	08:00	LH	A06-6892	A6689201	A	FS	AD635839	A	MERCURY	30.00	50.00					
06/19/06	08:00	LH	A06-6893	A6689301	A	FS	AD635840	A	MERCURY	30.00	50.00					
06/19/06	08:00	LH	A06-6919	A6691901	A	FS	AD635841	A	MERCURY	30.00	50.00					
06/19/06	08:00	LH	A06-6915	A6691501	A	FS	AD635842	A	MERCURY	30.00	50.00					
06/19/06	08:00	LH	A06-6915	A6691502	A	FS	AD635843	A	MERCURY	30.00	50.00					
06/19/06	08:00	LH	A06-6915	A6691503	A	FS	AD635844	A	MERCURY	30.00	50.00					
06/19/06	08:00	LH	A06-6915	A6691504	A	FS	AD635845	A	MERCURY	30.00	50.00					
06/19/06	08:00	LH	A06-6915	A6691505	A	FS	AD635846	A	MERCURY	30.00	50.00					
06/19/06	08:00	LH	A06-6915	A6691506	A	FS	AD635847	A	MERCURY	30.00	50.00					
06/19/06	08:00	LH	A06-6915	A6691507	A	FS	AD635848	A	MERCURY	30.00	50.00					
06/19/06	08:00	LH	A06-6915	A6691508	A	FS	AD635849	A	MERCURY	30.00	50.00					
06/19/06	08:00	LH	A06-6915	A6691509	A	FS	AD635850	A	MERCURY	30.00	50.00					
06/19/06	08:00	LH	A06-6915	A6691510	A	FS	AD635851	A	MERCURY	30.00	50.00					
06/19/06	08:00	LH	A06-6915	A6691510MS	A	MS	AD635852	A	MERCURY	30.00	50.00					
06/19/06	08:00	LH	A06-6915	A6691510SD	A	SD	AD635853	A	MERCURY	30.00	50.00					
06/19/06	08:00	LH	A06-6928	A6692801	A	FS	AD635854	A	MERCURY	30.00	50.00					
06/19/06	08:00	LH	A06-6928	A6692802	A	FS	AD635855	A	MERCURY	30.00	50.00					
06/19/06	08:00	LH	A06-6913	A6691301	A	FS	AD635856	A	MERCURY	30.00	50.00					
06/19/06	08:00	LH	A06-6913	A6691302	A	FS	AD635857	A	MERCURY	30.00	50.00					
06/19/06	08:00	LH	A06-6913	A6691303	A	FS	AD635858	A	MERCURY	30.00	50.00					
06/19/06	08:00	LH	A06-6913	A6691304	A	FS	AD635859	A	MERCURY	30.00	50.00					
06/19/06	08:00	LH		A6B2130201	A	LCS	AD635860	A	MERCURY	30.00	50.00					
06/19/06	08:00	LH		A6B2130202	A	MBLK	AD635861	A	MERCURY	30.00	50.00					

Comments: EPPENDORF USED TO ADD SPIKES:
HGL-5 2ml; HGL-4 1mL

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

METALS DIGESTION LOG
A6B21302 - 6/19/2006 NON-CLP WATER Hg W1 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After	Clarity Before/After	Textur

EPPENDORFS USED TO DISPENSE SET VOLUMES:

HGL-1 .1mL	HGL-4 1mL
HGL-2 .2mL	HGL-5 2mL
HGL-3 .5mL	HGL-5B 2.5mL
	HGL-6 5mL

MERCURY BATCH ADDITIONS

1.) HgLCS/MS/SD (W)	4-157-B
2.) Potassium Persulfate	4-032-R
3.) Potassium Permanganate	4-136-Q
4.) Stannous Chloride	4-128-U
5.) Hydroxylamine Hydrochloride	4-148-S
6.) HgLCS (S)	7-HGL-1

CONC. NITRIC ACIC - J.T. BAKER LOT# B25031
CONC. HCL ACID - MALLINCKRODT LOT# B21038
CONC. SULFURIC ACID - MALLINCKRODT LOT# 5557 B05H10
HOT BLOCK A TEMP FROM DESIGNATED CELL: (94)°C
HOT BLOCK B TEMP FROM DESIGNATED CELL: (96)°C
TEMP CRITERIA: 95(+-)3°C
DIGESTION CUPS ENVIROMENTAL EXPRESS LOT# A511LS105

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

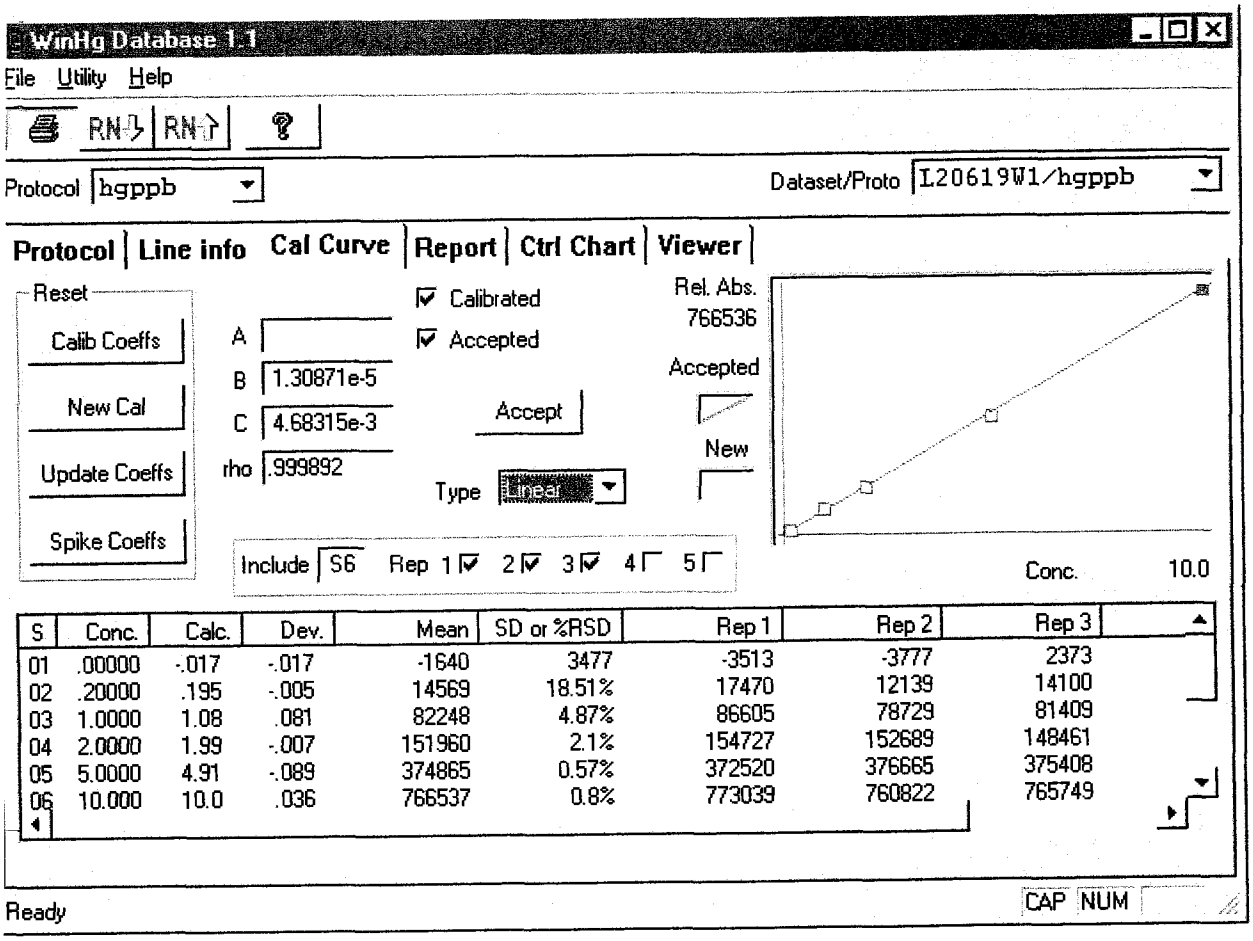
Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

(H)

4-157-K
-E
-F
-G
-H
-I



S	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3
01	.00000	-.017	-.017	-1640	3477	-3513	-3777	2373
02	.20000	.195	-.005	14569	18.51%	17470	12139	14100
03	1.0000	1.08	.081	82248	4.87%	86605	78729	81409
04	2.0000	1.99	-.007	151960	2.1%	154727	152689	148461
05	5.0000	4.91	-.089	374865	0.57%	372520	376665	375408
06	10.000	10.0	.036	766537	0.8%	773039	760822	765749

Folder: L20619W1 Page 1
Protocol: hgppb
POST-RUN REPORT

Line Conc. Units SD/RSD 1 2 3 4 5

1-157-J *** Check Standard: 2 Ck2ICV Seq: 1 15:32:51 19 Jun 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		104.	3.13	3.00	ppb	.000

1-157-K *** Check Standard: 1 Ck1ICB/CCB Seq: 2 15:34:06 19 Jun 06 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.008	.200	ppb	.000

1-157-L *** Check Standard: 4 Ck4CRA Seq: 3 15:35:24 19 Jun 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		96.4	.193	.200	ppb	.000

1-157-M *** Check Standard: 3 Ck3CCV Seq: 4 15:36:30 19 Jun 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		104.	2.09	2.00	ppb	.000

4-157-K *** Check Standard: 1 Ck1ICB/CCB Seq: 5 15:37:46 19 Jun 06 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.022	.200	ppb	.000

*** Sample ID: AD635836 Seq: 6 15:39:12 19 Jun 06 HG

Hg 10.9 ppb .000 10.9

==========

*** Sample ID: AD635836L Seq: 7 15:40:16 19 Jun 06 HG
1:3
Hg 3.66 ppb .000 3.66

==========

*** Sample ID: AD635837 Seq: 8 15:41:21 19 Jun 06 HG
+4 PPB
Hg 13.7 ppb .000 13.7

==========

*** Sample ID: AD635838 Seq: 9 15:42:45 19 Jun 06 HG
+4 PPB
Hg 14.3 ppb .000 14.3

==========

*** Sample ID: AD635839 Seq: 10 15:43:56 19 Jun 06 HG

Hg .082 ppb .000 .082

==========

*** Sample ID: AD635840 Seq: 11 15:45:01 19 Jun 06 HG

Hg .065 ppb .000 .065

==========

*** Sample ID: AD635841 Seq: 12 15:46:06 19 Jun 06 HG

Hg .040 ppb .000 .040

==========

*** Sample ID: AD635842 Seq: 13 15:47:14 19 Jun 06 HG

Hg .015 ppb .000 .015

==========

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: AD635843 Seq: 14 15:48:44 19 Jun 06 HG

Hg .013 ppb .000 .013

*** Sample ID: AD635844 Seq: 15 15:50:00 19 Jun 06 HG

Hg .015 ppb .000 .015

*** Check Standard: 3 Ck3CCV Seq: 16 15:51:16 19 Jun 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		108.	2.17	2.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 17 15:52:32 19 Jun 06 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.020	.200	ppb	.000

*** Sample ID: AD635845 Seq: 18 15:54:22 19 Jun 06 HG

Hg .026 ppb .000 .026

*** Sample ID: AD635846 Seq: 19 15:55:50 19 Jun 06 HG

Hg .129 ppb .000 .129

*** Sample ID: AD635847 Seq: 20 15:57:15 19 Jun 06 HG

Hg .063 ppb .000 .063

*** Sample ID: AD635848 Seq: 21 15:58:20 19 Jun 06 HG

Hg -.048 ppb .000 -.048

*** Sample ID: AD635849 Seq: 22 15:59:28 19 Jun 06 HG

Hg .068 ppb .000 .068

*** Sample ID: AD635850 Seq: 23 16:00:44 19 Jun 06 HG

Hg .001 ppb .000 .001

*** Sample ID: AD635851 Seq: 24 16:01:54 19 Jun 06 HG

Hg .093 ppb .000 .093

*** Sample ID: AD635852 Seq: 25 16:03:02 19 Jun 06 HG
+4 PPB
Hg 3.75 ppb .000 3.75

*** Sample ID: AD635853 Seq: 26 16:04:12 19 Jun 06 HG
+4 PPB
Hg 3.96 ppb .000 3.96

```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-------------------------------------------------------------------------------

*** Sample ID: AD635854              Seq:  27     16:05:23 19 Jun 06   HG

Hg     .049    ppb       .000      .049                                      =

*** Check Standard: 3  Ck3CCV        Seq:  28     16:06:49 19 Jun 06   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          107.     2.14    2.00   ppb        .000                          =

*** Check Standard: 1  Ck1ICB/CCB    Seq:  29     16:07:54 19 Jun 06   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.017     .200     ppb        .000                                =

*** Sample ID: AD635855              Seq:  30     16:09:11 19 Jun 06   HG

Hg    -.004    ppb       .000     -.004                                      =
===============================================================================
*** Sample ID: AD635856              Seq:  31     16:10:17 19 Jun 06   HG

Hg     .117    ppb       .000      .117                                      =
===============================================================================
*** Sample ID: AD635857              Seq:  32     16:11:44 19 Jun 06   HG

Hg     .013    ppb       .000      .013                                      =
===============================================================================
*** Sample ID: AD635858              Seq:  33     16:12:51 19 Jun 06   HG

Hg     .023    ppb       .000      .023                                      =
===============================================================================
*** Sample ID: AD635859              Seq:  34     16:14:19 19 Jun 06   HG

Hg    -.007    ppb       .000     -.007                                      =
===============================================================================
*** Sample ID: AD635860              Seq:  35     16:15:25 19 Jun 06   HG
 SPIKED
Hg     2.05    ppb       .000      2.05                                      =

*** %Rec.  ID: AD635860              Seq:  36     16:15:25 19 Jun 06   HG
                        Spikes =1  Unspiked =0
      Spike              %Rcv.    Avg(U)   SD(U)    Avg(S)   SD(S)
Hg     2.00    ppb        102.     .000    .000      2.05    .000              =

*** Sample ID: AD635861              Seq:  37     16:16:32 19 Jun 06   HG

Hg     .034    ppb       .000      .034                                      =
===============================================================================
*** Sample ID: AD635862              Seq:  38     16:17:48 19 Jun 06   HG

Hg     .066    ppb       .000      .066                                      =
===============================================================================
*** Sample ID: AD635863              Seq:  39     16:18:56 19 Jun 06   HG

Hg     .042    ppb       .000      .042                                      =
===============================================================================
```

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: AD635864 Seq: 40 16:20:02 19 Jun 06 HG

Hg .103 ppb .000 .103

*** Check Standard: 3 Ck3CCV Seq: 41 16:21:14 19 Jun 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		104.	2.08	2.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 42 16:22:25 19 Jun 06 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.044	.200	ppb	.000

*** Sample ID: AD635865 Seq: 43 16:23:40 19 Jun 06 HG

Hg .089 ppb .000 .089

*** Sample ID: AD635866 Seq: 44 16:24:50 19 Jun 06 HG

Hg .046 ppb .000 .046

*** Sample ID: AD635866L Seq: 45 16:26:02 19 Jun 06 HG
1:3
Hg -.014 ppb .000 -.014

*** Sample ID: AD635867 Seq: 46 16:28:04 19 Jun 06 HG
+4 PPB
Hg 3.95 ppb .000 3.95

*** Sample ID: AD635868 Seq: 47 16:29:12 19 Jun 06 HG
+4 PPB
Hg 4.04 ppb .000 4.04

*** Sample ID: AD635869 Seq: 48 16:30:29 19 Jun 06 HG

Hg .003 ppb .000 .003

*** Sample ID: AD635870 Seq: 49 16:31:35 19 Jun 06 HG

Hg .014 ppb .000 .014

*** Sample ID: AD635871 Seq: 50 16:33:02 19 Jun 06 HG

Hg .003 ppb .000 .003

*** Sample ID: AD635872 Seq: 51 16:34:08 19 Jun 06 HG

Hg .149 ppb .000 .149

*** Sample ID: AD635873 Seq: 52 16:35:26 19 Jun 06 HG

Hg .087 ppb .000 .087

Line Conc. Units SD/RSD 1 2 3 4 5

*** Check Standard: 3 Ck3CCV Seq: 53 16:36:42 19 Jun 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg	H	111.	2.21	2.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 54 16:37:49 19 Jun 06 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.057	.200	ppb	.000

*** Sample ID: AD635874 Seq: 55 16:39:44 19 Jun 06 HG

Hg -.038 ppb .000 -.038

*** Sample ID: AD635875 Seq: 56 16:40:54 19 Jun 06 HG

Hg -.014 ppb .000 -.014

*** Sample ID: AD635876 Seq: 57 16:42:03 19 Jun 06 HG

Hg .061 ppb .000 .061

*** Sample ID: AD635877 Seq: 58 16:43:13 19 Jun 06 HG

Hg .027 ppb .000 .027

*** Sample ID: AD635878 Seq: 59 16:44:22 19 Jun 06 HG

Hg -.006 ppb .000 -.006

*** Sample ID: AD635879 Seq: 60 16:45:40 19 Jun 06 HG

Hg .087 ppb .000 .087

*** Sample ID: AD635880 Seq: 61 16:46:52 19 Jun 06 HG

Hg .003 ppb .000 .003

*** Sample ID: AD635890 Seq: 62 16:48:04 19 Jun 06 HG

Hg .242 ppb .000 .242

*** Sample ID: AD635891 Seq: 63 16:49:20 19 Jun 06 HG
+4 PPB
Hg 3.69 ppb .000 3.69

*** Sample ID: AD635892 Seq: 64 16:50:56 19 Jun 06 HG
+4 PPB
Hg 4.11 ppb .000 4.11

*** Check Standard: 3 Ck3CCV Seq: 65 16:52:34 19 Jun 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		106.	2.11	2.00	ppb	.000

```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-------------------------------------------------------------------------------

*** Check Standard: 1  Ck1ICB/CCB   Seq:  66      16:54:15 19 Jun 06   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg          .094     .200     ppb        .000
                                                                          =
*** Sample ID: AD635893             Seq:  67      16:55:21 19 Jun 06   HG

Hg   -.033    ppb       .000     -.033
                                                                          =
===============================================================================
*** Sample ID: AD635894             Seq:  68      16:56:30 19 Jun 06   HG

Hg    .110    ppb       .000      .110
                                                                          =
===============================================================================
*** Sample ID: AD635881             Seq:  69      16:57:41 19 Jun 06   HG
 SPIKED
Hg    1.99    ppb       .000     1.99
                                                                          =
*** %Rec.  ID: AD635881             Seq:  70      16:57:41 19 Jun 06   HG
                        Spikes =1  Unspiked =0
      Spike              %Rcv.    Avg(U)   SD(U)    Avg(S)   SD(S)
Hg    2.00    ppb         99.4     .000    .000      1.99    .000          =

*** Sample ID: AD635882             Seq:  71      16:58:58 19 Jun 06   HG

Hg   -.024    ppb       .000     -.024
                                                                          =
===============================================================================
*** Sample ID: AD635836             Seq:  72      17:00:25 19 Jun 06   HG
                           1:2
Hg    7.79    ppb       .000     7.79
                                                                          =
===============================================================================
*** Sample ID: AD635836L            Seq:  73      17:01:43 19 Jun 06   HG
                           1:6
Hg    2.31    ppb       .000     2.31
                                                                          =
===============================================================================
*** Sample ID: AD635837             Seq:  74      17:03:09 19 Jun 06   HG
                           1:2
Hg    7.46    ppb       .000     7.46
                                                                          =
===============================================================================
*** Sample ID: AD635838             Seq:  75      17:04:25 19 Jun 06   HG
                           1:2
Hg    7.73    ppb       .000     7.73
                                                                          =
*** Check Standard: 4  Ck4CRA       Seq:  76      17:05:32 19 Jun 06   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          60.1     .120    .200  ppb         .000
                                                                          =
*** Check Standard: 3  Ck3CCV       Seq:  77      17:06:37 19 Jun 06   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          103.     2.05    2.00  ppb         .000
                                                                          =
*** Check Standard: 1  Ck1ICB/CCB   Seq:  78      17:07:43 19 Jun 06   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg          .016     .200     ppb        .000
                                                                          =
```

METALS DIGESTION LOG
A6B21368 - 6/20/2006 NON-CLP WATER Hg W1 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After		Clarity Before/After		Textur
06/20/06	08:30	LH	A06-6781	A6678111 *	A	FS	AD636088	A	MERCURY	30.00	50.00					
06/20/06	08:30	LH	A06-6781	A6678111MS*	A	MS	AD636089	A	MERCURY	30.00	50.00					
06/20/06	08:30	LH	A06-6781	A6678111SD*	A	SD	AD636090	A	MERCURY	30.00	50.00					
06/20/06	08:30	LH	A06-6848	A6684801 *	A	FS	AD636091	A	MERCURY	30.00	50.00					
06/20/06	08:30	LH	A06-6840	A6684001 *	A	FS	AD636092	A	MERCURY	30.00	50.00					
06/20/06	08:30	LH	A06-6842	A6684204 *	A	FS	AD636093	A	MERCURY	30.00	50.00					
06/20/06	08:30	LH	A06-6915	A6691505 *	A	FS	AD636094	A	MERCURY	30.00	50.00					
06/20/06	08:30	LH	A06-6915	A6691510 *	A	FS	AD636095	A	MERCURY	30.00	50.00					
06/20/06	08:30	LH	A06-6915	A6691510MS*	A	MS	AD636096	A	MERCURY	30.00	50.00					
06/20/06	08:30	LH	A06-6915	A6691510SD*	A	SD	AD636097	A	MERCURY	30.00	50.00					
06/20/06	08:30	LH	A06-6913	A6691301 *	A	FS	AD636098	A	MERCURY	30.00	50.00					
06/20/06	08:30	LH	A06-6914	A6691403 *	A	FS	AD636099	A	MERCURY	30.00	50.00					
06/20/06	08:30	LH	A06-6914	A6691409 *	A	FS	AD636100	A	MERCURY	30.00	50.00					
06/20/06	08:30	LH	A06-6904	A6690401 *	A	FS	AD636101	A	MERCURY	30.00	50.00					
06/20/06	08:30	LH	A06-6904	A6690401MS*	A	MS	AD636102	A	MERCURY	30.00	50.00					
06/20/06	08:30	LH	A06-6904	A6690401SD*	A	SD	AD636103	A	MERCURY	30.00	50.00					
06/20/06	08:30	LH	A06-6904	A6690407 *	A	FS	AD636104	A	MERCURY	30.00	50.00					
06/20/06	08:30	LH	A06-6951	A6695101	A	FS	AD636105	A	MERCURY	30.00	50.00					
06/20/06	08:30	LH	A06-6935	A6693501	A	FS	AD636106	A	MERCURY	30.00	50.00					
06/20/06	08:30	LH	A06-6935	A6693502	A	FS	AD636107	A	MERCURY	30.00	50.00					
06/20/06	08:30	LH	A06-6935	A6693503	A	FS	AD636108	A	MERCURY	30.00	50.00					
06/20/06	08:30	LH	A06-6938	A6693801	A	FS	AD636109	A	MERCURY	30.00	50.00					
06/20/06	08:30	LH	A06-6938	A6693802	A	FS	AD636110	A	MERCURY	30.00	50.00					
06/20/06	08:30	LH		A6B2136801	A	LCS	AD636111	A	MERCURY	30.00	50.00					
06/20/06	08:30	LH		A6B2136802	A	MBLK	AD636112	A	MERCURY	30.00	50.00					

Comments: EPPENDORF USED TO ADD SPIKES:
HGL-5 2ml; HGL-4 1mL
EPPENDORFS USED TO DISPENSE SET VOLUMES:

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

METALS DIGESTION LOG
A6B21368 - 6/20/2006 NON-CLP WATER Hg W1 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After	Clarity Before/After	Textur

HGL-1 .1mL
HGL-2 .2mL
HGL-3 .5mL
HGL-4 1mL
HGL-5 2mL
HGL-5B 2.5mL
HGL-6 5mL

MERCURY BATCH ADDITIONS
1.) HgLCS/MS/SD (W) 4-159-B
2.) Potassium Persulfate 4-032-R
3.) Potassium Permanganate 4-136-Q
4.) Stannous Chloride 4-128-U
5.) Hydroxylamine Hydrochloride 4-148-S
6.) HgLCS (S) 7-HGL-1
CONC. NITRIC ACIC - J.T. BAKER LOT# B25031
CONC. HCL ACID - MALLINCKRODT LOT# B21038
CONC. SULFURIC ACID - MALLINCKRODT LOT# 5557 B05H10
HOT BLOCK A TEMP FROM DESIGNATED CELL: (95)°C
HOT BLOCK B TEMP FROM DESIGNATED CELL: (97)°C
TEMP CRITERIA: 95(+-)3°C
DIGESTION CUPS ENVIROMENTAL EXPRESS LOT# A511LS105

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

1232/1248

1233/1248

6/26/2006

L2 (mm)

L20620W1

WinHg Database 1.1

File Utility Help

RN RN

Protocol hgppb BUSY Dataset/Proto L20620W1/hgppb

Protocol | Line info | Cal Curve | Report | Ctrl Chart | Viewer

Reset

Calib Coeffs

New Cal

Update Coeffs

Spike Coeffs

A

B 1.43979e-5

C -6.13158e-2

rho .999907

Calibrated

Accepted

Accept

Type Linear

Include S9 Rep 1 2 3 4 5

Rel. Abs. 695378

Accepted

New

Conc. 10.0

S	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3
01	.00000	-.039	-.039	1543	1215	2826	1395	408
02	.20000	.169	-.031	15967	8.36%	15054	15349	17499
03	1.0000	.990	-.010	73019	1.28%	73325	71972	73759
04	2.0000	2.05	.051	146726	0.22%	146367	146960	146849
05	5.0000	5.08	.079	356989	1.35%	357512	351945	361512
06	10.000	9.95	-.049	695379	1.43%	703440	698386	684309

Ready CAP NUM

4-157-K
-E
-F
-G
-H
-I

Batch# AGB21368

Folder: L20620W1 Page 1
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

-I-159-J

*** Check Standard: 2 Ck2ICV Seq: 1 17:33:54 20 Jun 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		105.	3.15	3.00	ppb	.000

-K

*** Check Standard: 1 Ck1ICB/CCB Seq: 2 17:35:21 20 Jun 06 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.009	.200	ppb	.000

-L

*** Check Standard: 4 Ck4CRA Seq: 3 17:36:27 20 Jun 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		107.	.214	.200	ppb	.000

-M

*** Check Standard: 3 Ck3CCV Seq: 4 17:37:33 20 Jun 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		102.	2.05	2.00	ppb	.000

-K

*** Check Standard: 1 Ck1ICB/CCB Seq: 5 17:38:49 20 Jun 06 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.031	.200	ppb	.000

*** Sample ID: AD636088 Seq: 6 17:40:06 20 Jun 06 HG

Hg	11.8	ppb	.000	11.8

*** Sample ID: AD636088L Seq: 7 17:41:31 20 Jun 06 HG

1:3

Hg	4.01	ppb	.000	4.01

*** Sample ID: AD636089 Seq: 8 17:42:56 20 Jun 06 HG

+4 PPB

Hg	15.0	ppb	.000	15.0

*** Sample ID: AD636090 Seq: 9 17:44:21 20 Jun 06 HG

+4 PPB

Hg	15.0	ppb	.000	15.0

*** Sample ID: AD636091 Seq: 10 17:45:32 20 Jun 06 HG

Hg	7.08	ppb	.000	7.08

*** Sample ID: AD636092 Seq: 11 17:46:41 20 Jun 06 HG

Hg	.171	ppb	.000	.171

*** Sample ID: AD636093 Seq: 12 17:47:46 20 Jun 06 HG

Hg	-.102	ppb	.000	-.102

*** Sample ID: AD636094 Seq: 13 17:48:55 20 Jun 06 HG

Hg	-.026	ppb	.000	-.026

Folder: L20620W1 Page 2
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: AD636095				Seq: 14		17:50:13 20 Jun 06		HG
Hg	-.053	ppb	.000	-.053				
*** Sample ID: AD636096				Seq: 15		17:51:29 20 Jun 06		HG
			+4 PPB					
Hg	3.84	ppb	.000	3.84				
*** Check Standard: 3 Ck3CCV				Seq: 16		17:52:45 20 Jun 06		HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		101.	2.02	2.00	ppb	.000		
*** Check Standard: 1 Ck1ICB/CCB				Seq: 17		17:54:11 20 Jun 06		HG
Line	Flag	Found	Range(+/-)	Units		SD/RSD		
Hg		-.055	.200	ppb		.000		
*** Sample ID: AD636097				Seq: 18		17:55:33 20 Jun 06		HG
			+4 PPB					
Hg	3.79	ppb	.000	3.79				
*** Sample ID: AD636098				Seq: 19		17:56:39 20 Jun 06		HG
Hg	-.095	ppb	.000	-.095				
*** Sample ID: AD636099				Seq: 20		17:57:45 20 Jun 06		HG
Hg	-.092	ppb	.000	-.092				
*** Sample ID: AD636100				Seq: 21		17:58:50 20 Jun 06		HG
Hg	-.051	ppb	.000	-.051				
*** Sample ID: AD636101				Seq: 22		17:59:55 20 Jun 06		HG
Hg	.092	ppb	.000	.092				
*** Sample ID: AD636102				Seq: 23		18:01:03 20 Jun 06		HG
			+4 PPB					
Hg	4.13	ppb	.000	4.13				
*** Sample ID: AD636103				Seq: 24		18:02:12 20 Jun 06		HG
			+4 PPB					
Hg	4.00	ppb	.000	4.00				
*** Sample ID: AD636104				Seq: 25		18:03:28 20 Jun 06		HG
Hg	.179	ppb	.000	.179				
*** Sample ID: AD636105				Seq: 26		18:04:36 20 Jun 06		HG
Hg	1.16	ppb	.000	1.16				

Folder: L20620W1
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: AD636106 Seq: 27 18:05:47 20 Jun 06 HG

Hg	-.101	ppb	.000	-.101

*** Check Standard: 3 Ck3CCV Seq: 28 18:06:56 20 Jun 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		108.	2.15	2.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 29 18:08:03 20 Jun 06 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.050	.200	ppb	.000

*** Sample ID: AD636107 Seq: 30 18:09:15 20 Jun 06 HG

Hg	.016	ppb	.000	.016

*** Sample ID: AD636108 Seq: 31 18:10:20 20 Jun 06 HG

Hg	-.089	ppb	.000	-.089

*** Sample ID: AD636109 Seq: 32 18:12:09 20 Jun 06 HG

Hg	-.001	ppb	.000	-.001

*** Sample ID: AD636110 Seq: 33 18:13:15 20 Jun 06 HG

Hg	-.064	ppb	.000	-.064

*** Sample ID: AD636111 Seq: 34 18:14:46 20 Jun 06 HG
SPIKED

Hg	1.85	ppb	.000	1.85

*** %Rec. ID: AD636111 Seq: 35 18:14:46 20 Jun 06 HG
Spikes =1 Unspiked =0

	Spike		%Rcv.	Avg(U)	SD(U)	Avg(S)	SD(S)
Hg	2.00	ppb	92.4	.000	.000	1.85	.000

*** Sample ID: AD636112 Seq: 36 18:15:53 20 Jun 06 HG

Hg	-.094	ppb	.000	-.094

*** Sample ID: AD636088 Seq: 37 18:17:03 20 Jun 06 HG
1:5

Hg	2.48	ppb	.000	2.48

*** Sample ID: AD636088L Seq: 38 18:18:31 20 Jun 06 HG
1:15

Hg	.813	ppb	.000	.813

*** Sample ID: AD636089 Seq: 39 18:19:37 20 Jun 06 HG
1:5

Hg	3.11	ppb	.000	3.11

Folder: L20620W1 Page 4
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: AD636090 Seq: 40 18:21:25 20 Jun 06 HG

1:5

Hg	3.21	ppb	.000	3.21				

=

*** Check Standard: 4 Ck4CRA Seq: 41 18:23:11 20 Jun 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		68.8	.138	.200	ppb	.000

=

*** Check Standard: 3 Ck3CCV Seq: 42 18:24:29 20 Jun 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		104.	2.09	2.00	ppb	.000

=

*** Check Standard: 1 Ck1ICB/CCB Seq: 43 18:25:38 20 Jun 06 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.027	.200	ppb	.000

=

METALS DIGESTION LOG
A6B21606 - 06/26/2006 SW/MC Total Hg Water W1 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	V1	Analysis Type	Initial V1 (ml)	Final (ml)	Color Before/After		Clarity Before/After		Textur
06/26/06	08:00	LH	A06-7100	A6710001	A	FS	AD636983	A	MERCURY	30.00	50.00					
06/26/06	08:00	LH	A06-7100	A6710002	A	FS	AD636984	A	MERCURY	30.00	50.00					
06/26/06	08:00	LH	A06-7100	A6710002MS	A	MS	AD636985	A	MERCURY	30.00	50.00					
06/26/06	08:00	LH	A06-7100	A6710002SD	A	SD	AD636986	A	MERCURY	30.00	50.00					
06/26/06	08:00	LH	A06-7100	A6710003	A	FS	AD636987	A	MERCURY	30.00	50.00					
06/26/06	08:00	LH	A06-7100	A6710004	A	FS	AD636988	A	MERCURY	30.00	50.00					
06/26/06	08:00	LH	A06-7101	A6710101	A	FS	AD636989	A	MERCURY	30.00	50.00					
06/26/06	08:00	LH	A06-7101	A6710102	A	FS	AD636990	A	MERCURY	30.00	50.00					
06/26/06	08:00	LH	A06-7101	A6710103	A	FS	AD636991	A	MERCURY	30.00	50.00					
06/26/06	08:00	LH	A06-7101	A6710104	A	FS	AD636992	A	MERCURY	30.00	50.00					
06/26/06	08:00	LH	A06-7101	A6710105	A	FS	AD636993	A	MERCURY	30.00	50.00					
06/26/06	08:00	LH	A06-7103	A6710301	A	FS	AD636994	A	MERCURY	30.00	50.00					
06/26/06	08:00	LH	A06-7103	A6710302	A	FS	AD636995	A	MERCURY	30.00	50.00					
06/26/06	08:00	LH	A06-7115	A6711501	A	FS	AD636996	A	MERCURY	30.00	50.00					
06/26/06	08:00	LH	A06-7115	A6711502	A	FS	AD636997	A	MERCURY	30.00	50.00					
06/26/06	08:00	LH	A06-7115	A6711503	A	FS	AD636998	A	MERCURY	30.00	50.00					
06/26/06	08:00	LH	A06-7115	A6711504	A	FS	AD636999	A	MERCURY	30.00	50.00					
06/26/06	08:00	LH	A06-7115	A6711505	A	FS	AD637000	A	MERCURY	30.00	50.00					
06/26/06	08:00	LH	A06-7156	A6715601	A	FS	AD637001	A	MERCURY	30.00	50.00					
06/26/06	08:00	LH	A06-7156	A6715602	A	FS	AD637002	A	MERCURY	30.00	50.00					
06/26/06	08:00	LH	A06-7156	A6715603	A	FS	AD637003	A	MERCURY	30.00	50.00					
06/26/06	08:00	LH	A06-7162	A6716201	A	FS	AD637004	A	MERCURY	30.00	50.00					
06/26/06	08:00	LH		A6B2160601	A	LCS	AD637005	A	MERCURY	30.00	50.00					
06/26/06	08:00	LH		A6B2160602	A	MBLK	AD637006	A	MERCURY	30.00	50.00					

Comments: EPPENDORF USED TO ADD SPIKES:
HGL-5 2ml; HGL-4 1mL
EPPENDORFS USED TO DISPENSE SET VOLUMES:
HGL-1 .1mL HGL-4 1mL

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear Cloudy Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

1238/1248

METALS DIGESTION LOG
A6B21606 - 06/26/2006 SW/MC Total Hg Water W1 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After	Clarity Before/After	Textur

HGL-2 .2mL
HGL-3 .5mL
HGL-5 2mL
HGL-5B 2.5mL
HGL-6 5mL

MERCURY BATCH ADDITIONS
1.) HgLCS/MS/SD (W) 4-167-B
2.) Potassium Persulfate 4-032-R
3.) Potassium Permanganate 4-136-Q
4.) Stannous Chloride 4-162-U
5.) Hydroxylamine Hydrochloride 4-148-S
6.) HgLCS (S) 10-HGL-4
CONC. NITRIC ACIC - J.T. BAKER LOT# B25031
CONC. HCL ACID - MALLINCKRODT LOT# B21038
CONC. SULFURIC ACID - MALLINCKRODT LOT# 5557 B05H10
HOT BLOCK A TEMP FROM DESIGNATED CELL: (96)°C
HOT BLOCK B TEMP FROM DESIGNATED CELL: (98)°C
TEMP CRITERIA: 95(+-)3°C
DIGESTION CUPS ENVIROMENTAL EXPRESS LOT# A511LS105

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear Cloudy Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

1239/1248

(4H)

4-167- K
- E
- F
- G
- H
- I

WinHg Database 1.1

File Utility Help

Protocol hgppb BUSY Dataset/Proto 120626w1/hgppb

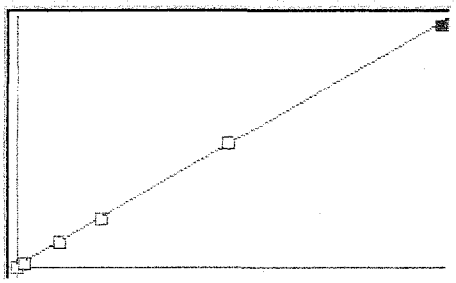
Protocol | Line info | Cal Curve | Report | Ctrl Chart | Viewer

Reset
Calib Coeffs
New Cal
Update Coeffs
Spike Coeffs

A
B 1.37733e-5
C -4.81714e-2
rho .999815

Calibrated
Accepted
Accept
Type Linear

Rel. Abs. 724172
Accepted
New



Conc. 10.0

Include S6 Rep 1 2 3 4 5

S	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3
01	.00000	-.045	-.045	247	1087	1327	260	-846
02	.20000	.171	-.029	15929	8.41%	14415	16411	16961
03	1.0000	.991	-.009	75442	0.74%	75852	75664	74809
04	2.0000	2.02	.019	150071	0.69%	149796	151210	149205
05	5.0000	5.14	.138	376522	0.64%	378639	377008	373920
06	10.000	9.93	-.074	724173	1.12%	733169	718575	720472

Ready CAP NUM

Folder: 120626w1
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

1-167-J

*** Check Standard: 2 Ck2ICV Seq: 1 11:15:48 26 Jun 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		102.	3.07	3.00	ppb	.000

1-167-K

*** Check Standard: 1 Ck1ICB/CCB Seq: 2 11:17:18 26 Jun 06 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.037	.200	ppb	.000

1-167-L

*** Check Standard: 4 Ck4CRA Seq: 3 11:18:24 26 Jun 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		85.0	.170	.200	ppb	.000

1-167-M

*** Check Standard: 3 Ck3CCV Seq: 4 11:19:33 26 Jun 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.	2.02	2.00	ppb	.000

-167-K

*** Check Standard: 1 Ck1ICB/CCB Seq: 5 11:20:50 26 Jun 06 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.038	.200	ppb	.000

*** Sample ID: AD636959 Seq: 6 11:22:01 26 Jun 06 HG

Hg	-.056	ppb	.000	-.056

==========

*** Sample ID: AD636960 Seq: 7 11:23:12 26 Jun 06 HG

Hg	-.114	ppb	.000	-.114

==========

*** Sample ID: AD636961 Seq: 8 11:24:40 26 Jun 06 HG

Hg	-.046	ppb	.000	-.046

==========

*** Sample ID: AD636962 Seq: 9 11:25:46 26 Jun 06 HG

Hg	-.037	ppb	.000	-.037

==========

*** Sample ID: AD636963 Seq: 10 11:26:55 26 Jun 06 HG

Hg	-.008	ppb	.000	-.008

==========

*** Sample ID: AD636964 Seq: 11 11:28:16 26 Jun 06 HG

Hg	-.125	ppb	.000	-.125

==========

*** Sample ID: AD636965 Seq: 12 11:29:23 26 Jun 06 HG

Hg	-.048	ppb	.000	-.048

==========

*** Sample ID: AD636966 Seq: 13 11:30:38 26 Jun 06 HG

Hg	-.059	ppb	.000	-.059

==========

Folder: 120626w1
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: AD636967				Seq: 14		11:31:49 26 Jun 06		HG
Hg	-.050	ppb	.000	-.050				
*** Sample ID: AD636968				Seq: 15		11:32:56 26 Jun 06		HG
Hg	-.050	ppb	.000	-.050				
*** Check Standard: 3 Ck3CCV				Seq: 16		11:34:14 26 Jun 06		HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		100.	2.00	2.00	ppb	.000		
*** Check Standard: 1 Ck1ICB/CCB				Seq: 17		11:35:23 26 Jun 06		HG
Line	Flag	Found	Range(+/-)	Units		SD/RSD		
Hg		-.135	.200	ppb		.000		
*** Sample ID: AD636969				Seq: 18		11:37:10 26 Jun 06		HG
Hg	-.023	ppb	.000	-.023				
*** Sample ID: AD636969L				Seq: 19		11:38:20 26 Jun 06		HG
Hg	-.052	ppb	.000	-.052				
*** Sample ID: AD636970				Seq: 20		11:39:36 26 Jun 06		HG
				+4 PPB				
Hg	4.10	ppb	.000	4.10				
*** Sample ID: AD636971				Seq: 21		11:40:41 26 Jun 06		HG
				+4 PPB				
Hg	3.96	ppb	.000	3.96				
*** Sample ID: AD636972				Seq: 22		11:41:47 26 Jun 06		HG
Hg	-.110	ppb	.000	-.110				
*** Sample ID: AD636973				Seq: 23		11:42:56 26 Jun 06		HG
Hg	-.043	ppb	.000	-.043				
*** Sample ID: AD636974				Seq: 24		11:45:04 26 Jun 06		HG
Hg	-.056	ppb	.000	-.056				
*** Sample ID: AD636975				Seq: 25		11:46:20 26 Jun 06		HG
Hg	-.055	ppb	.000	-.055				
*** Sample ID: AD636976				Seq: 26		11:47:26 26 Jun 06		HG
Hg	-.042	ppb	.000	-.042				

Folder: 120626w1
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: AD636977 Seq: 27 11:48:33 26 Jun 06 HG

Hg .038 ppb .000 .038

*** Check Standard: 3 Ck3CCV Seq: 28 11:50:01 26 Jun 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		103.	2.05	2.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 29 11:51:16 26 Jun 06 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.044	.200	ppb	.000

*** Sample ID: AD636978 Seq: 30 11:52:24 26 Jun 06 HG

Hg -.025 ppb .000 -.025

*** Sample ID: AD636979 Seq: 31 11:53:32 26 Jun 06 HG

Hg -.057 ppb .000 -.057

*** Sample ID: AD636980 Seq: 32 11:54:53 26 Jun 06 HG

Hg -.003 ppb .000 -.003

*** Sample ID: AD636981 Seq: 33 11:56:03 26 Jun 06 HG
SPIKED

Hg 1.96 ppb .000 1.96

*** %Rec. ID: AD636981 Seq: 34 11:56:03 26 Jun 06 HG
Spikes =1 Unspiked =0

	Spike		%Rcv.	Avg(U)	SD(U)	Avg(S)	SD(S)
Hg	2.00	ppb	97.9	.000	.000	1.96	.000

*** Sample ID: AD636982 Seq: 35 11:57:13 26 Jun 06 HG

Hg -.055 ppb .000 -.055

*** Sample ID: AD636983 Seq: 36 11:58:25 26 Jun 06 HG

Hg -.039 ppb .000 -.039

*** Sample ID: AD636984 Seq: 37 11:59:40 26 Jun 06 HG

Hg -.035 ppb .000 -.035

*** Sample ID: AD636984L Seq: 38 12:00:58 26 Jun 06 HG
1:3

Hg -.047 ppb .000 -.047

*** Sample ID: AD636985 Seq: 39 12:02:55 26 Jun 06 HG
+4 PPB

Hg 3.86 ppb .000 3.86

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: AD636986 Seq: 40 12:04:01 26 Jun 06 HG

+4 PPB

Hg	3.03	ppb	.000	3.03				

=

*** Check Standard: 3 Ck3CCV Seq: 41 12:05:08 26 Jun 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.	2.01	2.00	ppb	.000

=

*** Check Standard: 1 CklICB/CCB Seq: 42 12:06:24 26 Jun 06 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.069	.200	ppb	.000

=

*** Sample ID: AD636987 Seq: 43 12:07:54 26 Jun 06 HG

Hg	-.032	ppb	.000	-.032				

=

==========

*** Sample ID: AD636988 Seq: 44 12:09:02 26 Jun 06 HG

Hg	-.063	ppb	.000	-.063				

=

==========

*** Sample ID: AD636989 Seq: 45 12:10:10 26 Jun 06 HG

Hg	-.028	ppb	.000	-.028				

=

==========

*** Sample ID: AD636990 Seq: 46 12:11:20 26 Jun 06 HG

Hg	-.049	ppb	.000	-.049				

=

==========

*** Sample ID: AD636991 Seq: 47 12:12:31 26 Jun 06 HG

Hg	-.020	ppb	.000	-.020				

=

==========

*** Sample ID: AD636992 Seq: 48 12:13:42 26 Jun 06 HG

Hg	-.065	ppb	.000	-.065				

=

==========

*** Sample ID: AD636993 Seq: 49 12:15:01 26 Jun 06 HG

Hg	-.070	ppb	.000	-.070				

=

==========

*** Sample ID: AD636994 Seq: 50 12:16:08 26 Jun 06 HG

Hg	-.062	ppb	.000	-.062				

=

==========

*** Sample ID: AD636995 Seq: 51 12:17:17 26 Jun 06 HG

Hg	-.051	ppb	.000	-.051				

=

==========

*** Sample ID: AD636996 Seq: 52 12:18:25 26 Jun 06 HG

Hg	-.015	ppb	.000	-.015				

=

```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-------------------------------------------------------------------------------

*** Check Standard: 3  Ck3CCV       Seq:  53      12:19:36 26 Jun 06   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          104.     2.09    2.00  ppb         .000
                                                                              =
*** Check Standard: 1  Ck1ICB/CCB   Seq:  54      12:20:44 26 Jun 06   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.082     .200     ppb         .000
                                                                              =
*** Sample ID: AD636997             Seq:  55      12:22:09 26 Jun 06   HG

Hg   -.048    ppb       .000     -.048
                                                                              =
===============================================================================
*** Sample ID: AD636998             Seq:  56      12:23:21 26 Jun 06   HG

Hg   -.048    ppb       .000     -.048
                                                                              =
===============================================================================
*** Sample ID: AD636999             Seq:  57      12:24:29 26 Jun 06   HG

Hg   -.064    ppb       .000     -.064
                                                                              =
===============================================================================
*** Sample ID: AD637000             Seq:  58      12:25:42 26 Jun 06   HG

Hg   -.045    ppb       .000     -.045
                                                                              =
===============================================================================
*** Sample ID: AD637001             Seq:  59      12:26:48 26 Jun 06   HG

Hg   -.031    ppb       .000     -.031
                                                                              =
===============================================================================
*** Sample ID: AD637002             Seq:  60      12:28:26 26 Jun 06   HG

Hg    2.80    ppb       .000      2.80
                                                                              =
===============================================================================
*** Sample ID: AD637003             Seq:  61      12:29:34 26 Jun 06   HG

Hg   -.008    ppb       .000     -.008
                                                                              =
===============================================================================
*** Sample ID: AD637004             Seq:  62      12:31:06 26 Jun 06   HG

Hg    .033    ppb       .000      .033
                                                                              =
===============================================================================
*** Sample ID: AD637005             Seq:  63      12:32:14 26 Jun 06   HG
 SPIKED
Hg    1.85    ppb       .000      1.85
                                                                              =
*** %Rec.  ID: AD637005             Seq:  64      12:32:15 26 Jun 06   HG
                        Spikes =1  Unspiked =0
      Spike              %Rcv.    Avg(U)   SD(U)    Avg(S)   SD(S)
Hg    2.00    ppb         92.6     .000    .000      1.85    .000              =

*** Sample ID: AD637006             Seq:  65      12:33:22 26 Jun 06   HG

Hg   -.058    ppb       .000     -.058
                                                                              =
```

```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-------------------------------------------------------------------------------

*** Check Standard: 3  Ck3CCV       Seq:  66      12:34:38 26 Jun 06   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          103.     2.07    2.00   ppb         .000
                                                                              =
*** Check Standard: 1  Ck1ICB/CCB   Seq:  67      12:36:35 26 Jun 06   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.032     .200     ppb         .000
                                                                              =
*** Sample ID: AD637219             Seq:  68      12:38:01 26 Jun 06   HG

Hg   -.052    ppb       .000      -.052
                                                                              =
===============================================================================
*** Sample ID: AD637219L            Seq:  69      12:39:57 26 Jun 06   HG
                          1:3
Hg   -.010    ppb       .000      -.010
                                                                              =
===============================================================================
*** Sample ID: AD637220             Seq:  70      12:41:18 26 Jun 06   HG

Hg    3.87    ppb       .000       3.87
                                                                              =
===============================================================================
*** Sample ID: AD637221             Seq:  71      12:42:28 26 Jun 06   HG

Hg    3.51    ppb       .000       3.51
                                                                              =
===============================================================================
*** Sample ID: AD637222             Seq:  72      12:43:41 26 Jun 06   HG

Hg   -.066    ppb       .000      -.066
                                                                              =
===============================================================================
*** Sample ID: AD637223             Seq:  73      12:45:02 26 Jun 06   HG

Hg   -.046    ppb       .000      -.046
                                                                              =
===============================================================================
*** Sample ID: AD637224             Seq:  74      12:46:19 26 Jun 06   HG

Hg   -.048    ppb       .000      -.048
                                                                              =
===============================================================================
*** Sample ID: AD637225             Seq:  75      12:47:26 26 Jun 06   HG

Hg   -.029    ppb       .000      -.029
                                                                              =
===============================================================================
*** Sample ID: AD637226             Seq:  76      12:48:57 26 Jun 06   HG

Hg   -.024    ppb       .000      -.024
                                                                              =
===============================================================================
*** Sample ID: AD637227             Seq:  77      12:50:04 26 Jun 06   HG

Hg   -.032    ppb       .000      -.032
                                                                              =
*** Check Standard: 3  Ck3CCV       Seq:  78      12:52:12 26 Jun 06   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          102.     2.04    2.00   ppb         .000
                                                                              =
```

Folder: 120626w1
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 1 Ck1ICB/CCB Seq: 79 12:53:19 26 Jun 06 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.067	.200	ppb	.000

*** Sample ID: AD637228 Seq: 80 12:54:24 26 Jun 06 HG

Hg	-.030	ppb	.000	-.030

*** Sample ID: AD637229 Seq: 81 12:55:51 26 Jun 06 HG

Hg	-.045	ppb	.000	-.045

*** Sample ID: AD637230 Seq: 82 12:57:19 26 Jun 06 HG

Hg	-.037	ppb	.000	-.037

*** Sample ID: AD637231 Seq: 83 12:58:26 26 Jun 06 HG

Hg	-.025	ppb	.000	-.025

*** Sample ID: AD637232 Seq: 84 12:59:35 26 Jun 06 HG

Hg	-.022	ppb	.000	-.022

*** Sample ID: AD637233 Seq: 85 13:00:52 26 Jun 06 HG

Hg	-.041	ppb	.000	-.041

*** Sample ID: AD637234 Seq: 86 13:02:23 26 Jun 06 HG

Hg	-.039	ppb	.000	-.039

*** Sample ID: AD637235 Seq: 87 13:04:20 26 Jun 06 HG

Hg	-.010	ppb	.000	-.010

*** Sample ID: AD637236 Seq: 88 13:05:29 26 Jun 06 HG

Hg	.261	ppb	.000	.261

*** Sample ID: AD637237 Seq: 89 13:06:36 26 Jun 06 HG

Hg	.180	ppb	.000	.180

*** Check Standard: 3 Ck3CCV Seq: 90 13:07:42 26 Jun 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		102.	2.05	2.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 91 13:08:54 26 Jun 06 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.074	.200	ppb	.000

Folder: 120626w1
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: AD637238 Seq: 92 13:10:00 26 Jun 06 HG

Hg	.051	ppb	.000	.051

*** Sample ID: AD637239 Seq: 93 13:11:09 26 Jun 06 HG

Hg	-.053	ppb	.000	-.053

*** Sample ID: AD637240 Seq: 94 13:12:19 26 Jun 06 HG

Hg	-.037	ppb	.000	-.037

*** Sample ID: AD637241 Seq: 95 13:13:26 26 Jun 06 HG
SPIKED

Hg	1.97	ppb	.000	1.97

*** %Rec. ID: AD637241 Seq: 96 13:13:26 26 Jun 06 HG
Spikes =1 Unspiked =0

	Spike		%Rcv.	Avg(U)	SD(U)	Avg(S)	SD(S)
Hg	2.00	ppb	98.3	.000	.000	1.97	.000

*** Sample ID: AD637242 Seq: 97 13:14:35 26 Jun 06 HG

Hg	-.079	ppb	.000	-.079

*** Check Standard: 3 Ck3CCV Seq: 98 13:15:45 26 Jun 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		102.	2.03	2.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 99 13:17:23 26 Jun 06 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.062	.200	ppb	.000

ANALYTICAL REPORT

Job#: A06-B305

STL Project#: NY5A9393.3
Site Name: Ecology and Environment NYSDEC Standby
Task: New Moreau Dredge Spoils Site-002699.ID06

Mr. Gene Florentino
Ecology and Environment
368 Pleasant View Drive
Lancaster, NY 14086

STL Buffalo

Tony Bogolin

Anthony B. Bogolin
Project Manager

10/17/2006

STL Buffalo
Current Certifications

As of 9/28/2006

STATE	Program	Cert # / Lab ID
AFCEE	AFCEE	
Arkansas	SDWA, CWA, RCRA, SOIL	88-0686
California	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP CWA, RCRA	E87672
Georgia	SDWA,NELAP CWA, RCRA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA,ASP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania	NELAP CWA,RCRA	68-00281
South Carolina	RCRA	91013
Tennessee	SDWA	02970
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA,RCRA	C1677
West Virginia	CWA,RCRA	252
Wisconsin	CWA, RCRA	998310390

Sample Data Summary Package

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A6B30510	NM-MPI-01-GW	WATER	09/28/2006	11:52	09/29/2006	18:40
A6B30511	NM-MPI-02-GW	WATER	09/28/2006	14:05	09/29/2006	18:40
A6B30513	NM-MPI-03-GW	WATER	09/28/2006	15:52	09/29/2006	18:40
A6B30507	NM-MPI-04-GW	WATER	09/28/2006	08:58	09/29/2006	18:40
A6B30508	NM-MPI-04-GW/D	WATER	09/28/2006	09:03	09/29/2006	18:40
A6B30514	NM-MPI-05-GW	WATER	09/28/2006	17:07	09/29/2006	18:40
A6B30509	NM-MPI-06-GW	WATER	09/28/2006	10:42	09/29/2006	18:40
A6B30506	NM-MW-01-GW	WATER	09/28/2006	08:18	09/29/2006	18:40
A6B30504	NM-MW-02-GW	WATER	09/27/2006	17:23	09/29/2006	18:40
A6B30504MS	NM-MW-02-GW	WATER	09/27/2006	17:23	09/29/2006	18:40
A6B30504SD	NM-MW-02-GW	WATER	09/27/2006	17:23	09/29/2006	18:40
A6B30505	NM-MW-03-GW	WATER	09/27/2006	18:45	09/29/2006	18:40
A6B30501	NM-MW-04-GW	WATER	09/27/2006	16:15	09/29/2006	18:40
A6B30503	NM-MW-05-GW	WATER	09/27/2006	18:12	09/29/2006	18:40
A6B30502	NM-MW-06-GW	WATER	09/27/2006	17:18	09/29/2006	18:40
A6B30512	NM-MW-DEC-GW	WATER	09/28/2006	14:45	09/29/2006	18:40
A6B30515	NM-MW-DOT-GW	WATER	09/28/2006	18:48	09/29/2006	18:40

METHODS SUMMARY

Job#: A06-B305

STL Project#: NY5A9393.3
Site Name: Ecology and Environment NYSDEC Standby

PARAMETER	ANALYTICAL METHOD
METHOD 8082 - POLYCHLORINATED BIPHENYLS	SW8463 8082
Aluminum - Total	SW8463 6010
Antimony - Total	SW8463 6010
Arsenic - Total	SW8463 6010
Barium - Total	SW8463 6010
Beryllium - Total	SW8463 6010
Cadmium - Total	SW8463 6010
Calcium - Total	SW8463 6010
Chromium - Total	SW8463 6010
Cobalt - Total	SW8463 6010
Copper - Total	SW8463 6010
Iron - Total	SW8463 6010
Lead - Total	SW8463 6010
Magnesium - Total	SW8463 6010
Manganese - Total	SW8463 6010
Mercury - Total	SW8463 7470
Nickel - Total	SW8463 6010
Potassium - Total	SW8463 6010
Selenium - Total	SW8463 6010
Silver - Total	SW8463 6010
Sodium - Total	SW8463 6010
Thallium - Total	SW8463 6010
Vanadium - Total	SW8463 6010
Zinc - Total	SW8463 6010

References:

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

NON-CONFORMANCE SUMMARY

Job#: A06-B305

STL Project#: NY5A9393.3
Site Name: Ecology and Environment NYSDEC Standby

General Comments

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

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

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

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

Sample Receipt Comments

A06-B305
Sample Cooler(s) were received at the following temperature(s); 6@2.0 °C
All samples were received in good condition.

GC Extractable Data

For Method 8082, all samples and batch QC had percent recoveries (%R) for the surrogate Decachlorbiphenyl outside client control limits, but within laboratory limits. Sample NM-MW-01-GW had a recovery for the surrogate Tetrachloro-m-xylene that was outside client quality control limits but within laboratory limits. No further action was taken.

Metals Data

The recoveries of sample NM-MW-02-GW Matrix Spike and Matrix Spike Duplicate exhibited results below the quality control limits for Barium, Potassium and Sodium. Sample matrix is suspect. However, the LFB was acceptable.

The recoveries of sample NM-MW-02-GW Matrix Spike and Matrix Spike Duplicate exhibited results below the quality control limits for Calcium, Iron, Magnesium, and Manganese. The sample result is more than four times greater than the spike added. The LFB is acceptable.

The recoveries of sample NM-MW-02-GW Post Spike exhibited results below the quality control limits for Barium, Calcium, Iron, Magnesium, Manganese, Potassium, and Sodium. However, the LFB was acceptable.

The Serial Dilution of sample NM-MW-02-G exceeded the quality control limits for Barium, Calcium, Iron, Magnesium, Manganese, and Sodium. However, the LFB was acceptable.

****

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

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION
AND
ANALYTICAL REQUEST SUMMARY

LAB NAME: SEVERN TRENT LABORATORIES, INC.

CUSTOMER SAMPLE ID	LABORATORY SAMPLE ID	ANALYTICAL REQUIREMENTS						
		VOA GC/MS	BNA GC/MS	VOA GC	PEST PCB	METALS	TCLP HERB	WATER QUALITY
NM-MPI-01-GW	A6B30510	-	-	-	SW8463	SW8463	-	-
NM-MPI-02-GW	A6B30511	-	-	-	SW8463	SW8463	-	-
NM-MPI-03-GW	A6B30513	-	-	-	SW8463	SW8463	-	-
NM-MPI-04-GW	A6B30507	-	-	-	SW8463	SW8463	-	-
NM-MPI-04-GW/D	A6B30508	-	-	-	SW8463	SW8463	-	-
NM-MPI-05-GW	A6B30514	-	-	-	SW8463	SW8463	-	-
NM-MPI-06-GW	A6B30509	-	-	-	SW8463	SW8463	-	-
NM-MW-01-GW	A6B30506	-	-	-	SW8463	SW8463	-	-
NM-MW-02-GW	A6B30504	-	-	-	SW8463	SW8463	-	-
NM-MW-03-GW	A6B30505	-	-	-	SW8463	SW8463	-	-
NM-MW-04-GW	A6B30501	-	-	-	SW8463	SW8463	-	-
NM-MW-05-GW	A6B30503	-	-	-	SW8463	SW8463	-	-
NM-MW-06-GW	A6B30502	-	-	-	SW8463	SW8463	-	-
NM-MW-DEC-GW	A6B30512	-	-	-	SW8463	SW8463	-	-
NM-MW-DOT-GW	A6B30515	-	-	-	SW8463	SW8463	-	-

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
PESTICIDE/PCB ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
NM-MPI-01-GW	WATER	09/28/2006	09/29/2006	10/04/2006	10/05/2006
NM-MPI-02-GW	WATER	09/28/2006	09/29/2006	10/04/2006	10/05/2006
NM-MPI-03-GW	WATER	09/28/2006	09/29/2006	10/04/2006	10/05/2006
NM-MPI-04-GW	WATER	09/28/2006	09/29/2006	10/04/2006	10/05/2006
NM-MPI-04-GW/D	WATER	09/28/2006	09/29/2006	10/04/2006	10/05/2006
NM-MPI-05-GW	WATER	09/28/2006	09/29/2006	10/04/2006	10/05/2006
NM-MPI-06-GW	WATER	09/28/2006	09/29/2006	10/04/2006	10/05/2006
NM-MW-01-GW	WATER	09/28/2006	09/29/2006	10/04/2006	10/04/2006
NM-MW-02-GW	WATER	09/27/2006	09/29/2006	10/04/2006	10/04/2006
NM-MW-03-GW	WATER	09/27/2006	09/29/2006	10/04/2006	10/04/2006
NM-MW-04-GW	WATER	09/27/2006	09/29/2006	10/04/2006	10/04/2006
NM-MW-05-GW	WATER	09/27/2006	09/29/2006	10/04/2006	10/04/2006
NM-MW-06-GW	WATER	09/27/2006	09/29/2006	10/04/2006	10/04/2006
NM-MW-DEC-GW	WATER	09/28/2006	09/29/2006	10/04/2006	10/05/2006
NM-MW-DOT-GW	WATER	09/28/2006	09/29/2006	10/04/2006	10/05/2006

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYTICAL SUMMARY
INORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	METALS REQUESTED	DATE RECEIVED AT LAB	DATE DIGESTED	DATE ANALYZED
NM-MPI-01-GW	WATER	TAL M W	09/29/2006	10/03-10/04/2006	10/04/2006
NM-MPI-02-GW	WATER	TAL M W	09/29/2006	10/03-10/04/2006	10/04/2006
NM-MPI-03-GW	WATER	TAL M W	09/29/2006	10/03-10/04/2006	10/04/2006
NM-MPI-04-GW	WATER	TAL M W	09/29/2006	10/03-10/04/2006	10/04/2006
NM-MPI-04-GW/D	WATER	TAL M W	09/29/2006	10/03-10/04/2006	10/04/2006
NM-MPI-05-GW	WATER	TAL M W	09/29/2006	10/03-10/04/2006	10/04/2006
NM-MPI-06-GW	WATER	TAL M W	09/29/2006	10/03-10/04/2006	10/04/2006
NM-MW-01-GW	WATER	TAL M W	09/29/2006	10/03-10/04/2006	10/04/2006
NM-MW-02-GW	WATER	TAL M W	09/29/2006	10/03-10/04/2006	10/04/2006
NM-MW-03-GW	WATER	TAL M W	09/29/2006	10/03-10/04/2006	10/04/2006
NM-MW-04-GW	WATER	TAL M W	09/29/2006	10/03-10/04/2006	10/04/2006
NM-MW-05-GW	WATER	TAL M W	09/29/2006	10/03-10/04/2006	10/04/2006
NM-MW-06-GW	WATER	TAL M W	09/29/2006	10/03-10/04/2006	10/04/2006
NM-MW-DEC-GW	WATER	TAL M W	09/29/2006	10/03-10/04/2006	10/04/2006
NM-MW-DOT-GW	WATER	TAL M W	09/29/2006	10/03-10/04/2006	10/04/2006

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
ORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILIARY CLEAN UP	DIL/CONC FACTOR
NM-MPI-01-GW	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MPI-02-GW	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MPI-03-GW	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MPI-04-GW	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MPI-04-GW/D	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MPI-05-GW	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MPI-06-GW	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MW-01-GW	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MW-02-GW	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MW-03-GW	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MW-04-GW	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MW-05-GW	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MW-06-GW	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MW-DEC-GW	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
NM-MW-DOT-GW	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

LABORATORY SAMPLE CODE	MATRIX	ANALYTICAL PROTOCOL	DIGESTION PROCEDURE	MATRIX MODIFIER	DIL/CONC FACTOR
NM-MPI-01-GW	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MPI-02-GW	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MPI-03-GW	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MPI-04-GW	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MPI-04-GW/D	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MPI-05-GW	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MPI-06-GW	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MW-01-GW	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MW-02-GW	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MW-03-GW	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MW-04-GW	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MW-05-GW	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MW-06-GW	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MW-DEC-GW	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
NM-MW-DOT-GW	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED

SEVERN TRENT STL

DATA QUALIFIER PAGE

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

ORGANIC DATA QUALIFIERS

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

INORGANIC DATA QUALIFIERS

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

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MPI-01-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B30510

Sample wt/vol: 1055.00 (g/mL) ML Lab File ID: 19A72169.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 09/28/2006 09/29/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 10/04/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/05/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.47	U
11104-28-2	Aroclor 1221	0.47	U
11141-16-5	Aroclor 1232	0.47	U
53469-21-9	Aroclor 1242	1.2	
12672-29-6	Aroclor 1248	0.47	U
11097-69-1	Aroclor 1254	0.47	U
11096-82-5	Aroclor 1260	0.47	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MPI-02-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B30511

Sample wt/vol: 1045.00 (g/mL) ML Lab File ID: 19A72170.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 09/28/2006 09/29/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 10/04/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/05/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.91	
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MPI-03-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B30513

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 19A72172.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 09/28/2006 09/29/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 10/04/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/05/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	1.4	
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MPI-04-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B30507

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 19A72166.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 09/28/2006 09/29/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 10/04/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/05/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	2.6	
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MPI-04-GW/D

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B30508

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 19A72167.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 09/28/2006 09/29/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 10/04/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/05/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	2.7	
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MPI-05-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B30514

Sample wt/vol: 1055.00 (g/mL) ML Lab File ID: 19A72173.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 09/28/2006 09/29/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 10/04/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/05/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.47	U
11104-28-2	Aroclor 1221	0.47	U
11141-16-5	Aroclor 1232	0.47	U
53469-21-9	Aroclor 1242	0.44	J
12672-29-6	Aroclor 1248	0.47	U
11097-69-1	Aroclor 1254	0.47	U
11096-82-5	Aroclor 1260	0.47	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MPI-06-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B30509

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 19A72168.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 09/28/2006 09/29/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 10/04/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/05/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.56	
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-01-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B30506

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 19A72163.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 09/28/2006 09/29/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 10/04/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/04/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.50	U
11104-28-2	Aroclor 1221	0.50	U
11141-16-5	Aroclor 1232	0.50	U
53469-21-9	Aroclor 1242	0.50	U
12672-29-6	Aroclor 1248	0.50	U
11097-69-1	Aroclor 1254	0.50	U
11096-82-5	Aroclor 1260	0.50	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-02-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B30504

Sample wt/vol: 1030.00 (g/mL) ML Lab File ID: 19A72159.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 09/27/2006 09/29/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 10/04/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/04/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-03-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B30505

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 19A72162.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 09/27/2006 09/29/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 10/04/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/04/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-04-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B30501

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 19A72156.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 09/27/2006 09/29/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 10/04/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/04/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-05-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B30503

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 19A72158.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 09/27/2006 09/29/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 10/04/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/04/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-06-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B30502

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 19A72157.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 09/27/2006 09/29/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 10/04/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/04/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-DEC-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B30512

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 19A72171.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 09/28/2006 09/29/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 10/04/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/05/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.58	
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-DOT-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B30515

Sample wt/vol: 1055.00 (g/mL) ML Lab File ID: 19A72174.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 09/28/2006 09/29/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 10/04/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/05/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.47	U
11104-28-2	Aroclor 1221	0.47	U
11141-16-5	Aroclor 1232	0.47	U
53469-21-9	Aroclor 1242	0.47	U
12672-29-6	Aroclor 1248	0.47	U
11097-69-1	Aroclor 1254	0.47	U
11096-82-5	Aroclor 1260	0.47	U

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MPI-01-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Matrix (soil/water): WATER Lab Sample ID: AD657924

Level (low/med): LOW Date Received: 9/29/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	933		NE	P
7440-41-7	Beryllium	0.08	B		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	192000		E	P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	91200		E	P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	37700		E	P
7439-96-5	Manganese	400		E	P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	3500		N	P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	7010		NE	P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MPI-02-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Matrix (soil/water): WATER Lab Sample ID: AD657925

Level (low/med): LOW Date Received: 9/29/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	941		NE	P
7440-41-7	Beryllium	0.12	B		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	202000		E	P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	93800		E	P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	36800		E	P
7439-96-5	Manganese	421		E	P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	3660		N	P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	7400		NE	P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MPI-03-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Matrix (soil/water): WATER Lab Sample ID: AD657927

Level (low/med): LOW Date Received: 9/29/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	910		NE	P
7440-41-7	Beryllium	0.16	B		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	208000		E	P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	90800		E	P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	36500		E	P
7439-96-5	Manganese	390		E	P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	3490		N	P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	5820		NE	P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MPI-04-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Matrix (soil/water): WATER Lab Sample ID: AD657921

Level (low/med): LOW Date Received: 9/29/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	790		NE	P
7440-41-7	Beryllium	0.10	B		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	172000		E	P
7440-47-3	Chromium	4.7			P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	87100		E	P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	32400		E	P
7439-96-5	Manganese	230		E	P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	3980		N	P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	7810		NE	P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MPI-04-GW/D

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Matrix (soil/water): WATER Lab Sample ID: AD657922

Level (low/med): LOW Date Received: 9/29/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	839		NE	P
7440-41-7	Beryllium	0.18	B		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	180000		E	P
7440-47-3	Chromium	4.8			P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	89500		E	P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	33600		E	P
7439-96-5	Manganese	236		E	P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	4080		N	P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	8180		NE	P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MPI-05-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Matrix (soil/water): WATER Lab Sample ID: AD657928

Level (low/med): LOW Date Received: 9/29/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	889		NE	P
7440-41-7	Beryllium	0.22	B		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	231000		E	P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	89400		E	P
7439-92-1	Lead	7.9			P
7439-95-4	Magnesium	35000		E	P
7439-96-5	Manganese	241		E	P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	3140		N	P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	11300		NE	P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MPI-06-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Matrix (soil/water): WATER Lab Sample ID: AD657923

Level (low/med): LOW Date Received: 9/29/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	825		NE	P
7440-41-7	Beryllium	0.14	B		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	210000		E	P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	78600		E	P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	40600		E	P
7439-96-5	Manganese	259		E	P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	2270		N	P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	7950		NE	P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-01-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Matrix (soil/water): WATER Lab Sample ID: AD657920

Level (low/med): LOW Date Received: 9/29/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	10000			P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	11.8			P
7440-39-3	Barium	81.2		NE	P
7440-41-7	Beryllium	0.32	B		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	26700		E	P
7440-47-3	Chromium	12.3			P
7440-48-4	Cobalt	4.2			P
7440-50-8	Copper	17.0			P
7439-89-6	Iron	10300		E	P
7439-92-1	Lead	6.1			P
7439-95-4	Magnesium	10700		E	P
7439-96-5	Manganese	189		E	P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	2820		N	P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	28500		NE	P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	16.0			P
7440-66-6	Zinc	31.5			P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-02-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Matrix (soil/water): WATER Lab Sample ID: AD657916

Level (low/med): LOW Date Received: 9/29/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	21.1			P
7440-39-3	Barium	191		NE	P
7440-41-7	Beryllium	0.18	B		P
7440-43-9	Cadmium	1.2			P
7440-70-2	Calcium	240000		E	P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	14.2			P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	223000		E	P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	58000		E	P
7439-96-5	Manganese	6820		E	P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	7500		N	P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	27300		NE	P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-03-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Matrix (soil/water): WATER Lab Sample ID: AD657919

Level (low/med): LOW Date Received: 9/29/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	12.7		NE	P
7440-41-7	Beryllium	0.09	B		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	63500		E	P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	7.0			P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	50400		E	P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	16500		E	P
7439-96-5	Manganese	3120		E	P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	500	U	N	P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	11500		NE	P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-04-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Matrix (soil/water): WATER Lab Sample ID: AD657913

Level (low/med): LOW Date Received: 9/29/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	951			P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	38.6			P
7440-39-3	Barium	83.7		NE	P
7440-41-7	Beryllium	0.24	B		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	52400		E	P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	6.0			P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	110000		E	P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	10200		E	P
7439-96-5	Manganese	1850		E	P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	1830		N	P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	6120		NE	P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-05-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Matrix (soil/water): WATER Lab Sample ID: AD657915

Level (low/med): LOW Date Received: 9/29/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	122		NE	P
7440-41-7	Beryllium	0.09	B		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	92500		E	P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	5.5			P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	29300		E	P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	18900		E	P
7439-96-5	Manganese	2950		E	P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	801		N	P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	26800		NE	P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-06-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Matrix (soil/water): WATER Lab Sample ID: AD657914

Level (low/med): LOW Date Received: 9/29/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1130			P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	114		NE	P
7440-41-7	Beryllium	0.15	B		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	65000		E	P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	11100		E	P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	15400		E	P
7439-96-5	Manganese	716		E	P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	1180		N	P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	58400		NE	P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-DEC-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Matrix (soil/water): WATER Lab Sample ID: AD657926

Level (low/med): LOW Date Received: 9/29/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	91.5		NE	P
7440-41-7	Beryllium	0.03	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	158000		E	P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	24700		E	P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	29900		E	P
7439-96-5	Manganese	794		E	P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	16500		N	P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	13800		NE	P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-DOT-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Matrix (soil/water): WATER Lab Sample ID: AD657929

Level (low/med): LOW Date Received: 9/29/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	394			P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	733		NE	P
7440-41-7	Beryllium	0.17	B		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	237000		E	P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	89500		E	P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	38500		E	P
7439-96-5	Manganese	324		E	P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	4570		N	P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	11700		NE	P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

METHOD 8082 - POLYCHLORINATED BIPHENYLS
WATER SURROGATE RECOVERY

Lab Name: STL Buffalo Contract: _____

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

GC Column(1): ZB-35 ID: 0.53 (mm)

	Client Sample ID	Lab Sample ID	DCBP %REC	#	TCMX %REC	#							TOT OUT
1	Matrix Spike Blank	A6B2746401	43	*	87								1
2	Method Blank	A6B2746402	38	*	84								1
3	NM-MPI-01-GW	A6B30510	40	*	99								1
4	NM-MPI-02-GW	A6B30511	46	*	97								1
5	NM-MPI-03-GW	A6B30513	40	*	94								1
6	NM-MPI-04-GW	A6B30507	29	*	86								1
7	NM-MPI-04-GW/D	A6B30508	28	*	98								1
8	NM-MPI-05-GW	A6B30514	42	*	106								1
9	NM-MPI-06-GW	A6B30509	42	*	86								1
10	NM-MW-01-GW	A6B30506	20	*	38	*							2
11	NM-MW-02-GW	A6B30504	37	*	82								1
12	NM-MW-02-GW	A6B30504MS	42	*	84								1
13	NM-MW-02-GW	A6B30504SD	52	*	88								1
14	NM-MW-03-GW	A6B30505	37	*	74								1
15	NM-MW-04-GW	A6B30501	58	*	107								1
16	NM-MW-05-GW	A6B30503	34	*	86								1
17	NM-MW-06-GW	A6B30502	35	*	76								1
18	NM-MW-DEC-GW	A6B30512	30	*	92								1
19	NM-MW-DOT-GW	A6B30515	38	*	113								1

QC LIMITS

(DCBP) = Decachlorobiphenyl (70-130)
(TCMX) = Tetrachloro-m-xylene (70-130)

\# Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

METHOD 8082 - POLYCHLORINATED BIPHENYLS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A6B2746402

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

Matrix Spike - Client Sample No.: Method Blank

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.	+ =
Aroclor 1260	5.00	3.81	76	70 - 130	
Aroclor 1016	5.00	4.72	94	70 - 130	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 2 outside limits

Comments: _____

METHOD 8082 - POLYCHLORINATED BIPHENYLS
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A6B30504

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

Matrix Spike - Client Sample No.: NM-MW-02-GW

COMPOUND	SPIKE ADDED UG/L	SAMPLE CONCENTRATION UG/L	MS CONCENTRATION UG/L	MS % REC #	QC LIMITS REC.	+ =
Aroclor 1260	4.83	0	3.68	76	70 - 130	
Aroclor 1016	4.83	0	4.37	90	70 - 130	

COMPOUND	SPIKE ADDED UG/L	MSD CONCENTRATION UG/L	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	+ =
Aroclor 1260	4.85	3.99	82	8	30	70 - 130	
Aroclor 1016	4.85	4.45	92	2	30	70 - 130	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 2 outside limits
Spike recovery: 0 out of 4 outside limits

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

NM-MW-02-GW\MS

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	10141.9700		200.0000	U	10000.00	101.4		P
Antimony	75 - 125	206.8200		20.0000	U	200.00	103.4		P
Arsenic	75 - 125	205.0300		21.0700		200.00	92.0		P
Barium	75 - 125	274.9700		191.2000		200.00	41.9	N	P
Beryllium	75 - 125	201.4700		0.1800	B	200.00	100.6		P
Cadmium	75 - 125	196.1600		1.1800		200.00	97.5		P
Calcium		90928.6300		240427.5600		10000.00	-1495.0		P
Chromium	75 - 125	199.8100		4.0000	U	200.00	99.9		P
Cobalt	75 - 125	199.5100		14.2300		200.00	92.6		P
Copper	75 - 125	202.5300		10.0000	U	200.00	101.3		P
Iron		84491.8200		223190.5200		10000.00	-1387.0		P
Lead	75 - 125	197.9700		5.0000	U	200.00	99.0		P
Magnesium		29223.0200		58038.0300		10000.00	-288.2		P
Manganese		2456.6400		6822.7000		200.00	-2183.0		P
Nickel	75 - 125	206.6300		10.0000	U	200.00	103.3		P
Potassium	75 - 125	12992.9700		7497.6800		10000.00	55.0	N	P
Selenium	75 - 125	204.3400		15.0000	U	200.00	102.2		P
Mercury	75 - 125	6.1667		0.2000	U	6.67	92.5		CV
Silver	75 - 125	51.1400		3.0000	U	50.00	102.3		P
Sodium	75 - 125	19287.2200		27333.5200		10000.00	-80.5	N	P
Thallium	75 - 125	196.9300		20.0000	U	200.00	98.5		P
Vanadium	75 - 125	223.1600		5.0000	U	200.00	111.6		P
Zinc	75 - 125	199.6100		10.0000	U	200.00	99.8		P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

NM-MW-02-GW\SD

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	10249.5100		200.0000	U	10000.00	102.5		P
Antimony	75 - 125	208.0000		20.0000	U	200.00	104.0		P
Arsenic	75 - 125	211.0200		21.0700		200.00	95.0		P
Barium	75 - 125	280.0300		191.2000		200.00	44.4	N	P
Beryllium	75 - 125	204.9000		0.1800	B	200.00	102.4		P
Cadmium	75 - 125	198.9300		1.1800		200.00	98.9		P
Calcium		92800.6700		240427.5600		10000.00	-1476.3		P
Chromium	75 - 125	202.8800		4.0000	U	200.00	101.4		P
Cobalt	75 - 125	202.2800		14.2300		200.00	94.0		P
Copper	75 - 125	206.3200		10.0000	U	200.00	103.2		P
Iron		85317.1600		223190.5200		10000.00	-1378.7		P
Lead	75 - 125	201.2800		5.0000	U	200.00	100.6		P
Magnesium	75 - 125	29685.5500		58038.0300		10000.00	-283.5		P
Manganese		2489.1500		6822.7000		200.00	-2166.8		P
Nickel	75 - 125	209.7600		10.0000	U	200.00	104.9		P
Potassium	75 - 125	13100.2700		7497.6800		10000.00	56.0	N	P
Selenium	75 - 125	207.2300		15.0000	U	200.00	103.6		P
Mercury	75 - 125	6.9833		0.2000	U	6.67	104.7		CV
Silver	75 - 125	52.0500		3.0000	U	50.00	104.1		P
Sodium	75 - 125	19758.3200		27333.5200		10000.00	-75.8	N	P
Thallium	75 - 125	201.5500		20.0000	U	200.00	100.8		P
Vanadium	75 - 125	227.4300		5.0000	U	200.00	113.7		P
Zinc	75 - 125	202.0100		10.0000	U	200.00	101.0		P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-5B-

POST DIGEST SPIKE SAMPLE RECOVERY

SAMPLE NO.

NM-MW-02-GWA

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added(SA)	%R	Q	M
Aluminum	75 - 125	10221.91		200.00	U	10000.0	102.2		P
Antimony	75 - 125	209.56		20.00	U	200.0	104.8		P
Arsenic	75 - 125	210.65		21.07		200.0	94.8		P
Barium	75 - 125	273.12		191.20		200.0	41.0	*	P
Beryllium	75 - 125	205.28		0.18	B	200.0	102.6		P
Cadmium	75 - 125	203.88		1.18		200.0	101.4		P
Calcium	75 - 125	88670.64		240427.56		10000.0	-1517	*	P
Chromium	75 - 125	205.56		4.00	U	200.0	102.8		P
Cobalt	75 - 125	204.84		14.23		200.0	95.3		P
Copper	75 - 125	209.62		10.00	U	200.0	104.8		P
Iron	75 - 125	82819.61		223190.52		10000.0	-1403	*	P
Lead	75 - 125	205.96		5.00	U	200.0	103.0		P
Magnesium	75 - 125	29342.64		58038.03		10000.0	-287.0	*	P
Manganese	75 - 125	2426.16		6822.70		200.0	-2198	*	P
Nickel	75 - 125	205.39		10.00	U	200.0	102.7		P
Potassium	75 - 125	13102.87		7497.68		10000.0	56.1	*	P
Selenium	75 - 125	208.58		15.00	U	200.0	104.3		P
Silver	75 - 125	51.68		3.00	U	50.0	103.4		P
Sodium	75 - 125	19156.96		27333.52		10000.0	-81.8	*	P
Thallium	75 - 125	203.52		20.00	U	200.0	101.8		P
Vanadium	75 - 125	206.94		5.00	U	200.0	103.5		P
Zinc	75 - 125	203.54		10.00	U	200.0	101.8		P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-6-

DUPLICATES

SAMPLE NO.

NM-MW-02-GW\SD

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		10141.9700		10249.5100		1.1		P
Antimony		206.8200		208.0000		0.6		P
Arsenic		205.0300		211.0200		2.9		P
Barium		274.9700		280.0300		1.8		P
Beryllium		201.4700		204.9000		1.7		P
Cadmium		196.1600		198.9300		1.4		P
Calcium		90928.6300		92800.6700		2.0		P
Chromium		199.8100		202.8800		1.5		P
Cobalt		199.5100		202.2800		1.4		P
Copper		202.5300		206.3200		1.9		P
Iron		84491.8200		85317.1600		1.0		P
Lead		197.9700		201.2800		1.7		P
Magnesium		29223.0200		29685.5500		1.6		P
Manganese		2456.6398		2489.1500		1.3		P
Nickel		206.6300		209.7600		1.5		P
Potassium		12992.9700		13100.2700		0.8		P
Selenium		204.3400		207.2300		1.4		P
Mercury		6.1667		6.9833		12.4		CV
Silver		51.1400		52.0500		1.8		P
Sodium		19287.2213		19758.3200		2.4		P
Thallium		196.9300		201.5500		2.3		P
Vanadium		223.1600		227.4300		1.9		P
Zinc		199.6100		202.0100		1.2		P

METHOD 8082 - POLYCHLORINATED BIPHENYLS
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: STL Buffalo Contract: _____

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

Lab Sample ID: A6B2746402 Lab File ID: 19A72155.TX0

Matrix: (soil/water) WATER Extraction: SEPF

Sulfur Cleanup: (Y/N): N Date Extracted: 10/04/2006

Date Analyzed (1): 10/04/2006 Date Analyzed (2): _____

Time Analyzed (1): 21:13 Time Analyzed (2): _____

Instrument ID (1): HP5890-19 Instrument ID (2): _____

GC Column (1): ZB-35 Dia: 0.53(mm) GC Column (2): _____ Dia: ____(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
1	Matrix Spike Blank	A6B2746401	10/04/2006	
2	NM-MPI-01-GW	A6B30510	10/05/2006	
3	NM-MPI-02-GW	A6B30511	10/05/2006	
4	NM-MPI-03-GW	A6B30513	10/05/2006	
5	NM-MPI-04-GW	A6B30507	10/05/2006	
6	NM-MPI-04-GW/D	A6B30508	10/05/2006	
7	NM-MPI-05-GW	A6B30514	10/05/2006	
8	NM-MPI-06-GW	A6B30509	10/05/2006	
9	NM-MW-01-GW	A6B30506	10/04/2006	
10	NM-MW-02-GW	A6B30504	10/04/2006	
11	NM-MW-02-GW	A6B30504MS	10/04/2006	
12	NM-MW-02-GW	A6B30504SD	10/04/2006	
13	NM-MW-03-GW	A6B30505	10/04/2006	
14	NM-MW-04-GW	A6B30501	10/04/2006	
15	NM-MW-05-GW	A6B30503	10/04/2006	
16	NM-MW-06-GW	A6B30502	10/04/2006	
17	NM-MW-DEC-GW	A6B30512	10/05/2006	
18	NM-MW-DOT-GW	A6B30515	10/05/2006	

Comments: _____

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

Method Blank

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B2746402

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 19A72155.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: _____ _____

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 10/04/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/04/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.50	U
11104-28-2	Aroclor 1221	0.50	U
11141-16-5	Aroclor 1232	0.50	U
53469-21-9	Aroclor 1242	0.50	U
12672-29-6	Aroclor 1248	0.50	U
11097-69-1	Aroclor 1254	0.50	U
11096-82-5	Aroclor 1260	0.50	U

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A06-B305

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C		Preparation Blank	C		M
Aluminum	200.0	U	200.0	U	200.0	U	200.0	U		200.000	U		P
Antimony	20.0	U	20.0	U	20.0	U	20.0	U		20.000	U		P
Arsenic	10.0	U	10.0	U	10.0	U	10.0	U		10.000	U		P
Barium	2.0	U	2.0	U	2.0	U	2.0	U		2.000	U		P
Beryllium	0.3	B	0.2	B	0.0	U	0.1	B		0.270	B		P
Cadmium	1.0	U	1.0	U	1.0	U	1.0	U		1.000	U		P
Calcium	500.0	U	500.0	U	500.0	U	500.0	U		500.000	U		P
Chromium	4.0	U	4.0	U	4.0	U	4.0	U		4.000	U		P
Cobalt	4.0	U	4.0	U	4.0	U	4.0	U		4.000	U		P
Copper	10.0	U	10.0	U	10.0	U	10.0	U		10.000	U		P
Iron	50.0	U	50.0	U	50.0	U	50.0	U		50.000	U		P
Lead	5.0	U	5.0	U	5.0	U	5.0	U		5.000	U		P
Magnesium	200.0	U	200.0	U	200.0	U	200.0	U		200.000	U		P
Manganese	3.0	U	3.0	U	3.0	U	3.0	U		3.000	U		P
Nickel	10.0	U	10.0	U	10.0	U	10.0	U		10.000	U		P
Potassium	500.0	U	500.0	U	500.0	U	500.0	U		500.000	U		P
Selenium	15.0	U	15.0	U	15.0	U	15.0	U		15.000	U		P
Silver	3.0	U	3.0	U	3.0	U	3.0	U		3.000	U		P
Sodium	1000.0	U	1000.0	U	1000.0	U	1000.0	U		1000.000	U		P
Thallium	20.0	U	20.0	U	20.0	U	20.0	U		20.000	U		P
Vanadium	5.0	U	5.0	U	5.0	U	5.0	U		5.000	U		P
Zinc	10.0	U	10.0	U	10.0	U	10.0	U		10.000	U		P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A06-B305

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			200.0	U	200.0	U	200.0	U			P
Antimony			20.0	U	20.0	U	20.0	U			P
Arsenic			10.0	U	10.0	U	10.0	U			P
Barium			2.0	U	2.0	U	2.0	U			P
Beryllium			0.3	B	0.3	B	0.1	B			P
Cadmium			1.0	U	1.0	U	1.0	U			P
Calcium			500.0	U	500.0	U	500.0	U			P
Chromium			4.0	U	4.0	U	4.0	U			P
Cobalt			4.0	U	4.0	U	4.0	U			P
Copper			10.0	U	10.0	U	10.0	U			P
Iron			50.0	U	50.0	U	50.0	U			P
Lead			5.0	U	5.0	U	5.0	U			P
Magnesium			200.0	U	200.0	U	200.0	U			P
Manganese			3.0	U	3.0	U	3.0	U			P
Nickel			10.0	U	10.0	U	10.0	U			P
Potassium			500.0	U	500.0	U	500.0	U			P
Selenium			15.0	U	15.0	U	15.0	U			P
Silver			3.0	U	3.0	U	3.0	U			P
Sodium			1000.0	U	1000.0	U	1000.0	U			P
Thallium			20.0	U	20.0	U	20.0	U			P
Vanadium			5.0	U	5.0	U	5.0	U			P
Zinc			10.0	U	10.0	U	10.0	U			P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A06-B305

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			200.0	U							P
Antimony			20.0	U							P
Arsenic			10.0	U							P
Barium			2.0	U							P
Beryllium			0.2	B							P
Cadmium			1.0	U							P
Calcium			500.0	U							P
Chromium			4.0	U							P
Cobalt			4.0	U							P
Copper			10.0	U							P
Iron			50.0	U							P
Lead			5.0	U							P
Magnesium			200.0	U							P
Manganese			3.0	U							P
Nickel			10.0	U							P
Potassium			500.0	U							P
Selenium			15.0	U							P
Silver			3.0	U							P
Sodium			1000.0	U							P
Thallium			20.0	U							P
Vanadium			5.0	U							P
Zinc			10.0	U							P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A06-B305

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Mercury	0.1	U	0.1	U	0.1	U	0.1	U	0.200	U	CV

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A06-B305

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Mercury			0.1	U	0.1	U	0.1	U			CV

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A06-B305

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Mercury			0.1	U	0.1	U	0.1	U			CV

Comments:

Sample Data Package

SDG Narrative

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A6B30510	NM-MPI-01-GW	WATER	09/28/2006	11:52	09/29/2006	18:40
A6B30511	NM-MPI-02-GW	WATER	09/28/2006	14:05	09/29/2006	18:40
A6B30513	NM-MPI-03-GW	WATER	09/28/2006	15:52	09/29/2006	18:40
A6B30507	NM-MPI-04-GW	WATER	09/28/2006	08:58	09/29/2006	18:40
A6B30508	NM-MPI-04-GW/D	WATER	09/28/2006	09:03	09/29/2006	18:40
A6B30514	NM-MPI-05-GW	WATER	09/28/2006	17:07	09/29/2006	18:40
A6B30509	NM-MPI-06-GW	WATER	09/28/2006	10:42	09/29/2006	18:40
A6B30506	NM-MW-01-GW	WATER	09/28/2006	08:18	09/29/2006	18:40
A6B30504	NM-MW-02-GW	WATER	09/27/2006	17:23	09/29/2006	18:40
A6B30504MS	NM-MW-02-GW	WATER	09/27/2006	17:23	09/29/2006	18:40
A6B30504SD	NM-MW-02-GW	WATER	09/27/2006	17:23	09/29/2006	18:40
A6B30505	NM-MW-03-GW	WATER	09/27/2006	18:45	09/29/2006	18:40
A6B30501	NM-MW-04-GW	WATER	09/27/2006	16:15	09/29/2006	18:40
A6B30503	NM-MW-05-GW	WATER	09/27/2006	18:12	09/29/2006	18:40
A6B30502	NM-MW-06-GW	WATER	09/27/2006	17:18	09/29/2006	18:40
A6B30512	NM-MW-DEC-GW	WATER	09/28/2006	14:45	09/29/2006	18:40
A6B30515	NM-MW-DOT-GW	WATER	09/28/2006	18:48	09/29/2006	18:40

METHODS SUMMARY

Job#: A06-B305

STL Project#: NY5A9393.3
Site Name: Ecology and Environment NYSDEC Standby

PARAMETER	ANALYTICAL METHOD
METHOD 8082 - POLYCHLORINATED BIPHENYLS	SW8463 8082
Aluminum - Total	SW8463 6010
Antimony - Total	SW8463 6010
Arsenic - Total	SW8463 6010
Barium - Total	SW8463 6010
Beryllium - Total	SW8463 6010
Cadmium - Total	SW8463 6010
Calcium - Total	SW8463 6010
Chromium - Total	SW8463 6010
Cobalt - Total	SW8463 6010
Copper - Total	SW8463 6010
Iron - Total	SW8463 6010
Lead - Total	SW8463 6010
Magnesium - Total	SW8463 6010
Manganese - Total	SW8463 6010
Mercury - Total	SW8463 7470
Nickel - Total	SW8463 6010
Potassium - Total	SW8463 6010
Selenium - Total	SW8463 6010
Silver - Total	SW8463 6010
Sodium - Total	SW8463 6010
Thallium - Total	SW8463 6010
Vanadium - Total	SW8463 6010
Zinc - Total	SW8463 6010

References:

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

NON-CONFORMANCE SUMMARY

Job#: A06-B305

STL Project#: NY5A9393.3
Site Name: Ecology and Environment NYSDEC Standby

General Comments

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

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

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

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

Sample Receipt Comments

A06-B305
Sample Cooler(s) were received at the following temperature(s); 6@2.0 °C
All samples were received in good condition.

GC Extractable Data

For Method 8082, all samples and batch QC had percent recoveries (%R) for the surrogate Decachlorbiphenyl outside client control limits, but within laboratory limits. Sample NM-MW-01-GW had a recovery for the surrogate Tetrachloro-m-xylene that was outside client quality control limits but within laboratory limits. No further action was taken.

Metals Data

The recoveries of sample NM-MW-02-GW Matrix Spike and Matrix Spike Duplicate exhibited results below the quality control limits for Barium, Potassium and Sodium. Sample matrix is suspect. However, the LFB was acceptable.

The recoveries of sample NM-MW-02-GW Matrix Spike and Matrix Spike Duplicate exhibited results below the quality control limits for Calcium, Iron, Magnesium, and Manganese. The sample result is more than four times greater than the spike added. The LFB is acceptable.

The recoveries of sample NM-MW-02-GW Post Spike exhibited results below the quality control limits for Barium, Calcium, Iron, Magnesium, Manganese, Potassium, and Sodium. However, the LFB was acceptable.

The Serial Dilution of sample NM-MW-02-G exceeded the quality control limits for Barium, Calcium, Iron, Magnesium, Manganese, and Sodium. However, the LFB was acceptable.

****

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

Chain Of Custody Documentation

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
Ecology & Environment Inc.	Gene Florentino	9/27/06	250316
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page** 1 **of**
368 Pleasant View	716-684-8060		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Lancaster / NY / 14086	R. Watt	T. Bogolin	
Project Name and Location (State)	**Carrier/Waybill Number**		
New Morgan Morgan, NY	E&E Delivery		
Contract/Purchase Order/Quote No.			
002699. ID06.01			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: TCL PCB (8082)	TAL Metals (6010/7470)	Special Instructions/ Conditions of Receipt
NM-MW-04-GW	9/27/06	1615		X			2		1				X	X	
NM-MW-06-GW		1718		X			2		1				X	X	
NM-MW-05-GW		1812		X			2		1				X	X	
NM-MW-02-GW		1723		X			6		3				X	X	MS/MSD
NM-MW-03-GW		1845		X			2		1				X	X	
NM-MW-01-GW	9/28/06	0818		X			2		1				X	X	

Possible Hazard Identification

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☒ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	9/29/06	1840	1. Received By D. C	9/27/06	1840
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By 1@2.0°C		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: Ecology & Environment Inc.	Project Manager: Gene Florentino	Date: 9/28/06	Chain of Custody Number: 212356
Address: 368 Pleasant View	Telephone Number (Area Code)/Fax Number: 716-684-8060	Lab Number:	Page 1 of 1
City: Lancaster, NY / State: NY / Zip Code: 14086	Site Contact: R. Watt	Lab Contact: T. Bogolin	
Project Name and Location (State): New Moreau / Moreau, NY	Carrier/Waybill Number: E&E		
Contract/Purchase Order/Quote No.: DO 2699.IDO6.01			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: TCL PCB (8082)	Analysis: TAL Metals (6010/7470)	Special Instructions/ Conditions of Receipt
NM-MPI-04-GW	9/28/06	0858		X			2		1				X	X	
NM-MPI-04-GW/D		0903		X			2		1				X	X	
NM-MPI-06-GW		1042		X			2		1				X	X	
NM-MPI-01-GW		1152		X			2		1				X	X	
NM-MPI-02-GW		1405		X			2		1				X	X	
NM-MW-DEC-GW		1445		X			2		1				X	X	
NM-MPI-03-GW		1552		X			2		1				X	X	
NM-MPI-05-GW		1707		X			2		1				X	X	
NM-MW-DOT-GW		1848		X			2		1				X	X	
NM-TRT-RAW	N	0907		X			2						TREATABILITY TESTWATER-HOLD FOR INSTRUCTIONS		

Possible Hazard Identification: [X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown

Sample Disposal: [ ] Return To Client [X] Disposal By Lab [ ] Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: [ ] 24 Hours [ ] 48 Hours [ ] 7 Days [ ] 14 Days [X] 21 Days [ ] Other _____

QC Requirements (Specify):

1. Relinquished By	Date: 9/29/06	Time: 1840	1. Received By	Date: 9/25/06	Time: 1840
2. Relinquished By	Date:	Time:	2. Received By	Date:	Time:
3. Relinquished By	Date:	Time:	3. Received By: 6@2.0°C	Date:	Time:

Comments:

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

67/686

Job No: A06-B305
Client: Ecology & Environment, Inc.
Project: NY5A9393.3
SDG:
Case:
SMO No:
No. Samps: 15

Radiation Check: YES
Custody Seal: YES
Chain of Custody: YES
Sample Tags: NO
Sample Tag Numbers: NO
SMO Forms: NO
CLSIS: NO

Cooler Temperature: 6@2.0°C

Sample	Receive	Client Sample ID	Lab ID	Condition	Bottles	Parameters	Lab	Pres log Code	Pres log PH
09/27/2006 16:15	09/29/2006 18:40	NM-MW-04-GW	A6B30501	Good	2-1lGA	PCBS 8082	RECNY	0100	
					1-8ozP	METALS	RECNY	0101	<2
09/27/2006 17:18	09/29/2006 18:40	NM-MW-06-GW	A6B30502	Good	2-1lGA	PCBS 8082	RECNY	0100	
					1-8ozP	METALS	RECNY	0101	<2
09/27/2006 18:12	09/29/2006 18:40	NM-MW-05-GW	A6B30503	Good	2-1lGA	PCBS 8082	RECNY	0100	
					1-8ozP	METALS	RECNY	0101	<2
09/27/2006 17:23	09/29/2006 18:40	NM-MW-02-GW	A6B30504	Good	2-1lGA	PCBS 8082	RECNY	0100	
					1-8ozP	METALS	RECNY	0101	<2
09/27/2006 17:23	09/29/2006 18:40	NM-MW-02-GW	A6B30504MS	Good	2-1lGA	PCBS 8082	RECNY	0100	
					1-8ozP	METALS	RECNY	0101	<2
09/27/2006 17:23	09/29/2006 18:40	NM-MW-02-GW	A6B30504SD	Good	2-1lGA	PCBS 8082	RECNY	0100	
					1-8ozP	METALS	RECNY	0101	<2
09/27/2006 18:45	09/29/2006 18:40	NM-MW-03-GW	A6B30505	Good	2-1lGA	PCBS 8082	RECNY	0100	
					1-8ozP	METALS	RECNY	0101	<2
09/28/2006 08:18	09/29/2006 18:40	NM-MW-01-GW	A6B30506	Good	2-1lGA	PCBS 8082	RECNY	0100	
					1-8ozP	METALS	RECNY	0101	<2
09/28/2006 08:58	09/29/2006 18:40	NM-MPI-04-GW	A6B30507	Good	2-1lGA	PCBS 8082	RECNY	0100	
					1-8ozP	METALS	RECNY	0101	<2
09/28/2006 09:03	09/29/2006 18:40	NM-MPI-04-GW/D	A6B30508	Good	2-1lGA	PCBS 8082	RECNY	0100	
					1-8ozP	METALS	RECNY	0101	<2
09/28/2006 10:42	09/29/2006 18:40	NM-MPI-06-GW	A6B30509	Good	2-1lGA	PCBS 8082	RECNY	0100	
					1-8ozP	METALS	RECNY	0101	<2
09/28/2006 11:52	09/29/2006 18:40	NM-MPI-01-GW	A6B30510	Good	2-1lGA	PCBS 8082	RECNY	0100	
					1-8ozP	METALS	RECNY	0101	<2
09/28/2006 14:05	09/29/2006 18:40	NM-MPI-02-GW	A6B30511	Good	2-1lGA	PCBS 8082	RECNY	0100	
					1-8ozP	METALS	RECNY	0101	<2
09/28/2006 14:45	09/29/2006 18:40	NM-MW-DEC-GW	A6B30512	Good	2-1lGA	PCBS 8082	RECNY	0100	
					1-8ozP	METALS	RECNY	0101	<2
09/28/2006 15:52	09/29/2006 18:40	NM-MPI-03-GW	A6B30513	Good	2-1lGA	PCBS 8082	RECNY	0100	
					1-8ozP	METALS	RECNY	0101	<2
09/28/2006 17:07	09/29/2006 18:40	NM-MPI-05-GW	A6B30514	Good	2-1lGA	PCBS 8082	RECNY	0100	
					1-8ozP	METALS	RECNY	0101	<2
09/28/2006 18:48	09/29/2006 18:40	NM-MW-DOT-GW	A6B30515	Good	2-1lGA	PCBS 8082	RECNY	0100	
					1-8ozP	METALS	RECNY	0101	<2

ample Custodian: MW 9/29/2006

Analytical Services Coordinator: _____ /__/20

Preservation Code References:

First Digit: Sample Filtration; 1=Filtered, 0=Unfiltered
Second Digit: Sample Requires Cooling; (4°) 1=Cooled, 0=Not Cooled

Third, Fourth Digits - Preservation Types:
00=Nothing added, 01=HNO3, 02=H2SO4, 03=HCl, 04=Sodium Thiosulfate
05=NaOH, 06=NaOH+Zinc Acetate, 07=Sodium Thiosulfate+HCl, 08=MeOH
09=MCAA (Mono chloroacetic acid)

8082 Data

QC Summary

METHOD 8082 - POLYCHLORINATED BIPHENYLS
WATER SURROGATE RECOVERY

Lab Name: STL Buffalo Contract: _____

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

GC Column(1): ZB-35 ID: 0.53 (mm)

	Client Sample ID	Lab Sample ID	DCBP %REC	#	TCMX %REC	#							TOT OUT
1	Matrix Spike Blank	A6B2746401	43	*	87								1
2	Method Blank	A6B2746402	38	*	84								1
3	NM-MPI-01-GW	A6B30510	40	*	99								1
4	NM-MPI-02-GW	A6B30511	46	*	97								1
5	NM-MPI-03-GW	A6B30513	40	*	94								1
6	NM-MPI-04-GW	A6B30507	29	*	86								1
7	NM-MPI-04-GW/D	A6B30508	28	*	98								1
8	NM-MPI-05-GW	A6B30514	42	*	106								1
9	NM-MPI-06-GW	A6B30509	42	*	86								1
10	NM-MW-01-GW	A6B30506	20	*	38	*							2
11	NM-MW-02-GW	A6B30504	37	*	82								1
12	NM-MW-02-GW	A6B30504MS	42	*	84								1
13	NM-MW-02-GW	A6B30504SD	52	*	88								1
14	NM-MW-03-GW	A6B30505	37	*	74								1
15	NM-MW-04-GW	A6B30501	58	*	107								1
16	NM-MW-05-GW	A6B30503	34	*	86								1
17	NM-MW-06-GW	A6B30502	35	*	76								1
18	NM-MW-DEC-GW	A6B30512	30	*	92								1
19	NM-MW-DOT-GW	A6B30515	38	*	113								1

QC LIMITS

(DCBP) = Decachlorobiphenyl (70-130)
(TCMX) = Tetrachloro-m-xylene (70-130)

\# Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

METHOD 8082 - POLYCHLORINATED BIPHENYLS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A6B2746402

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

Matrix Spike - Client Sample No.: Method Blank

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.	+ =
Aroclor 1260	5.00	3.81	76	70 - 130	
Aroclor 1016	5.00	4.72	94	70 - 130	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 2 outside limits

Comments: _____

METHOD 8082 - POLYCHLORINATED BIPHENYLS
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A6B30504

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

Matrix Spike - Client Sample No.: NM-MW-02-GW

COMPOUND	SPIKE ADDED UG/L	SAMPLE CONCENTRATION UG/L	MS CONCENTRATION UG/L	MS % REC #	QC LIMITS REC.	+ =
Aroclor 1260	4.83	0	3.68	76	70 - 130	
Aroclor 1016	4.83	0	4.37	90	70 - 130	

COMPOUND	SPIKE ADDED UG/L	MSD CONCENTRATION UG/L	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	+ =
Aroclor 1260	4.85	3.99	82	8	30	70 - 130	
Aroclor 1016	4.85	4.45	92	2	30	70 - 130	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 2 outside limits
Spike recovery: 0 out of 4 outside limits

Comments: _____

METHOD 8082 - POLYCHLORINATED BIPHENYLS
METHOD BLANK SUMMARY

Client No.: Method Blank

Lab Name: STL Buffalo Contract: _____

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

Lab Sample ID: A6B2746402 Lab File ID: 19A72155.TX0

Matrix: (soil/water) WATER Extraction: SEPF

Sulfur Cleanup: (Y/N): N Date Extracted: 10/04/2006

Date Analyzed (1): 10/04/2006 Date Analyzed (2): _____

Time Analyzed (1): 21:13 Time Analyzed (2): _____

Instrument ID (1): HP5890-19 Instrument ID (2): _____

GC Column (1): ZB-35 Dia: 0.53(mm) GC Column (2): _____ Dia: ____(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
1	Matrix Spike Blank	A6B2746401	10/04/2006	
2	NM-MPI-01-GW	A6B30510	10/05/2006	
3	NM-MPI-02-GW	A6B30511	10/05/2006	
4	NM-MPI-03-GW	A6B30513	10/05/2006	
5	NM-MPI-04-GW	A6B30507	10/05/2006	
6	NM-MPI-04-GW/D	A6B30508	10/05/2006	
7	NM-MPI-05-GW	A6B30514	10/05/2006	
8	NM-MPI-06-GW	A6B30509	10/05/2006	
9	NM-MW-01-GW	A6B30506	10/04/2006	
10	NM-MW-02-GW	A6B30504	10/04/2006	
11	NM-MW-02-GW	A6B30504MS	10/04/2006	
12	NM-MW-02-GW	A6B30504SD	10/04/2006	
13	NM-MW-03-GW	A6B30505	10/04/2006	
14	NM-MW-04-GW	A6B30501	10/04/2006	
15	NM-MW-05-GW	A6B30503	10/04/2006	
16	NM-MW-06-GW	A6B30502	10/04/2006	
17	NM-MW-DEC-GW	A6B30512	10/05/2006	
18	NM-MW-DOT-GW	A6B30515	10/05/2006	

Comments: _____

Compare Client DL for PROJECT NY5A9393.3 and Task 6 to Lab MDL
For METHOD: 8082 PROTOCOL: SW8463
For FRACTIONS: GE

Laboratory: A
roject Manager: AEB

Client Name	Project No	Tsk No	Parameter	TDL Type	Protcl	Method	Test	T M	UM	CDL	TDL	MDL	E X	E T	J	I
Fraction: GE																
cology & Environment,	NY5A9393.3	6	Aroclor 1016	EQL	SW8463	8082	CTA29793	S	UG/KG		16.66666	3.26118	N		J	
cology & Environment,	NY5A9393.3	6	Aroclor 1016	EQL	SW8463	8082	CTA29794	W	UG/L		0.50000	0.17600	N		J	
cology & Environment,	NY5A9393.3	6	Aroclor 1221	EQL	SW8463	8082	CTA29793	S	UG/KG		16.66666	6.95672	N		J	
cology & Environment,	NY5A9393.3	6	Aroclor 1221	EQL	SW8463	8082	CTA29794	W	UG/L		0.50000	0.17640	N		J	
cology & Environment,	NY5A9393.3	6	Aroclor 1232	EQL	SW8463	8082	CTA29793	S	UG/KG		16.66666	3.12131	N		J	
cology & Environment,	NY5A9393.3	6	Aroclor 1232	EQL	SW8463	8082	CTA29794	W	UG/L		0.50000	0.36470	N		J	
cology & Environment,	NY5A9393.3	6	Aroclor 1242	EQL	SW8463	8082	CTA29793	S	UG/KG		16.66666	2.90256	N		J	
cology & Environment,	NY5A9393.3	6	Aroclor 1242	EQL	SW8463	8082	CTA29794	W	UG/L		0.50000	0.31000	N		J	
cology & Environment,	NY5A9393.3	6	Aroclor 1248	EQL	SW8463	8082	CTA29793	S	UG/KG		16.66666	3.98752	N		J	
cology & Environment,	NY5A9393.3	6	Aroclor 1248	EQL	SW8463	8082	CTA29794	W	UG/L		0.50000	0.10550	N		J	
cology & Environment,	NY5A9393.3	6	Aroclor 1254	EQL	SW8463	8082	CTA29793	S	UG/KG		16.66666	8.66085	N		J	
cology & Environment,	NY5A9393.3	6	Aroclor 1254	EQL	SW8463	8082	CTA29794	W	UG/L		0.50000	0.07860	N		J	
cology & Environment,	NY5A9393.3	6	Aroclor 1260	EQL	SW8463	8082	CTA29793	S	UG/KG		16.66666	6.57138	N		J	
cology & Environment,	NY5A9393.3	6	Aroclor 1260	EQL	SW8463	8082	CTA29794	W	UG/L		0.50000	0.25000	N		J	

T - Exception Types: N - MDL "Not Found" * - TDL=0 or MDL=0 M - MDL>CDL (TDL Type CDL) or MDL>TDL (TDL Type CRQL,EQL) E - TDL>CDL (TDL Type CDL)

Sample Data

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MPI-01-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B30510

Sample wt/vol: 1055.00 (g/mL) ML Lab File ID: 19A72169.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 09/28/2006 09/29/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 10/04/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/05/2006

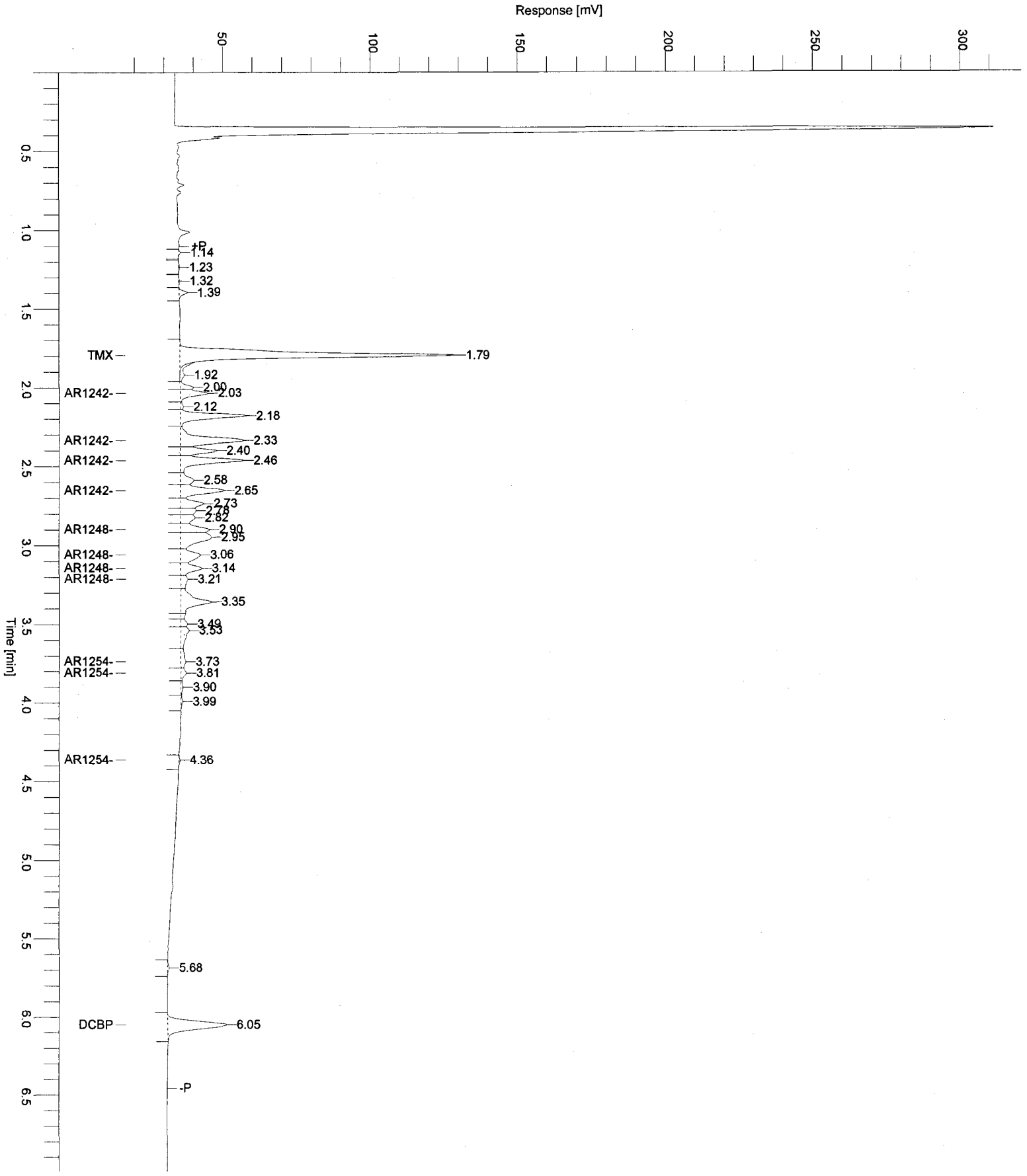
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.47	U
11104-28-2	Aroclor 1221	0.47	U
11141-16-5	Aroclor 1232	0.47	U
53469-21-9	Aroclor 1242	1.2	
12672-29-6	Aroclor 1248	0.47	U
11097-69-1	Aroclor 1254	0.47	U
11096-82-5	Aroclor 1260	0.47	U

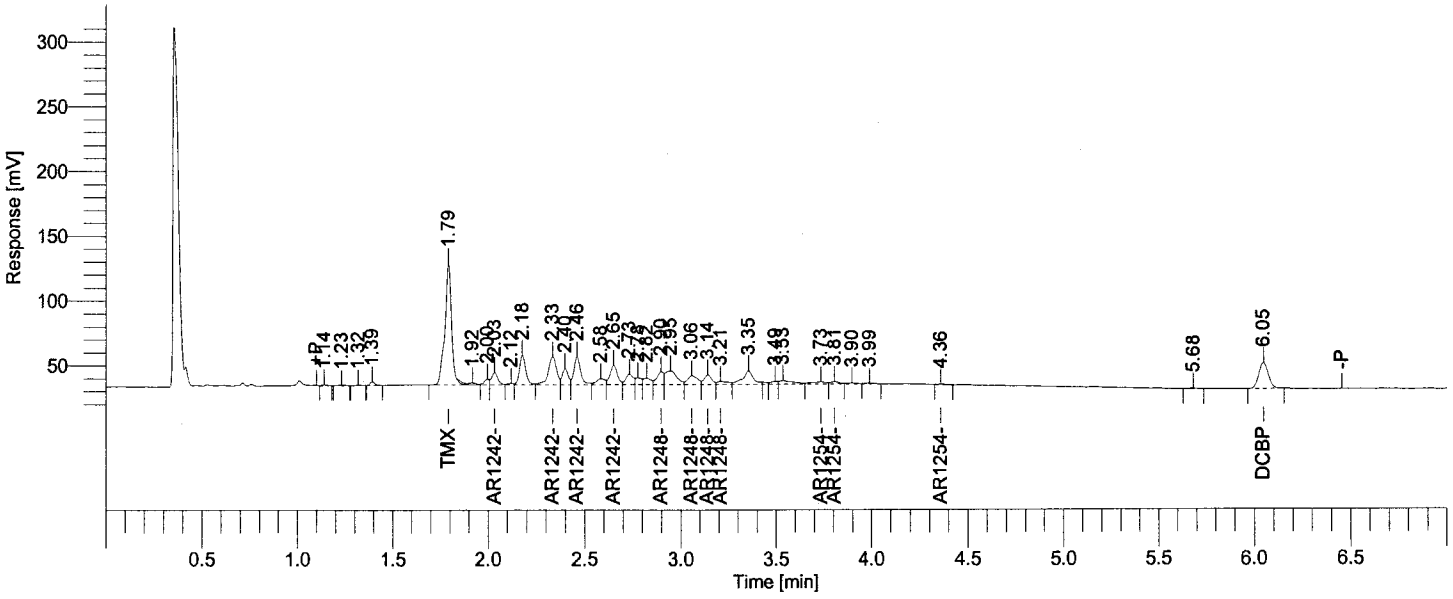
Chromatogram

Sample Name : AW60032456 Sample #: A6B30510 Page 1 of 1
FileName : H:\TURBO6\5890-19\19A72169.raw
Date : 10/05/2006 07:55:38
Method : SDPCBINS Time of Injection: 10/05/2006 01:43:16
Start Time : 0.00 min End Time : 7.00 min Low Point : 16.90 mV High Point : 311.52 mV
Scale Factor: 1.0 Plot Offset: 16.90 mV Plot Scale: 294.6 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 07:55:36
Reprocess Number	: buf2042: 123137		
Operator	: tchrom	Sample Name	: AW60032456
Sample Number	: A6B30510	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/05/2006 01:43:16	Cycle	: 26

Raw Data File : H:\TURBO6\5890-19\19A72169.raw <Modified>
Result File : H:\TURBO6\5890-19\19A72169.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A72169.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A72169.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(09-25-06).mth from H:\TURBO6\5890-19\19A72169.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
5	1.79	BE	227772	TMX	0.0198	-------	0
	2.46		176471	AR1242	0.1156	0.0289	4
	2.90		80026	AR1248	0.0580	0.0145	4
	3.81		15856	AR1254	0.0068	0.0017	4
33	6.05	BB	68363	DCBP	0.0079	-------	0
			568488			0.0451	

10-16-06

10/05/2006 07:55:36 Result: H:\TURBO6\5890-19\19A72169.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
8	2.03	VV	21319	AR1242-A	0.1032	0.0258	4
11	2.33	VV	63762	AR1242-B	0.1525	0.0381	4
13	2.46	VV	51597	AR1242-C	0.2091	0.0523	4
15	2.65	VV	39793	AR1242-D	0.0607	0.0152	4
			176471			0.1314	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
19	2.90	VV	24835	AR1248-A	0.0793	0.0198	4
21	3.06	VV	24626	AR1248-B	0.0476	0.0119	4
22	3.14	VV	20947	AR1248-C	0.0507	0.0127	4
23	3.21	VV	9618	AR1248-D	0.0710	0.0177	4
			80026			0.0622	

10-6-06

Group Report For : AR1254

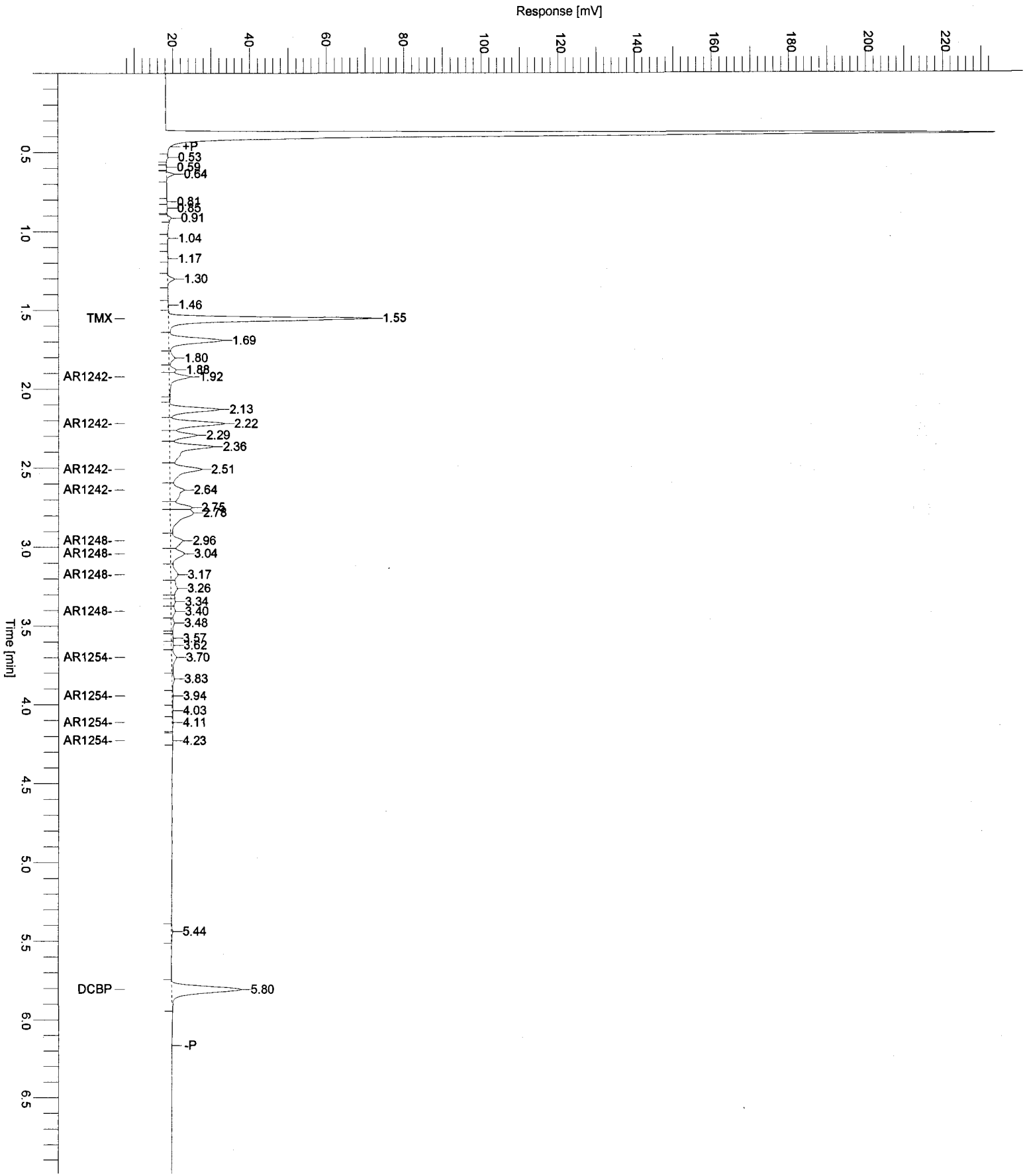
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
27	3.73	VV	9200	AR1254-A	0.0141	0.0035	4
28	3.81	VV	5726	AR1254-B	0.0087	0.0022	4
31	4.36	BB	930	AR1254-C	0.0012	3.0e-04	4
-	4.56		0	AR1254-D	0.0000	-------	-
			15856			0.0060	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	4.85		0	AR1260-A	0.0000	-------	-
-	5.06		0	AR1260-B	0.0000	-------	-
-	5.37		0	AR1260-C	0.0000	-------	-
-	5.50		0	AR1260-D	0.0000	-------	-
			0			0.0000	

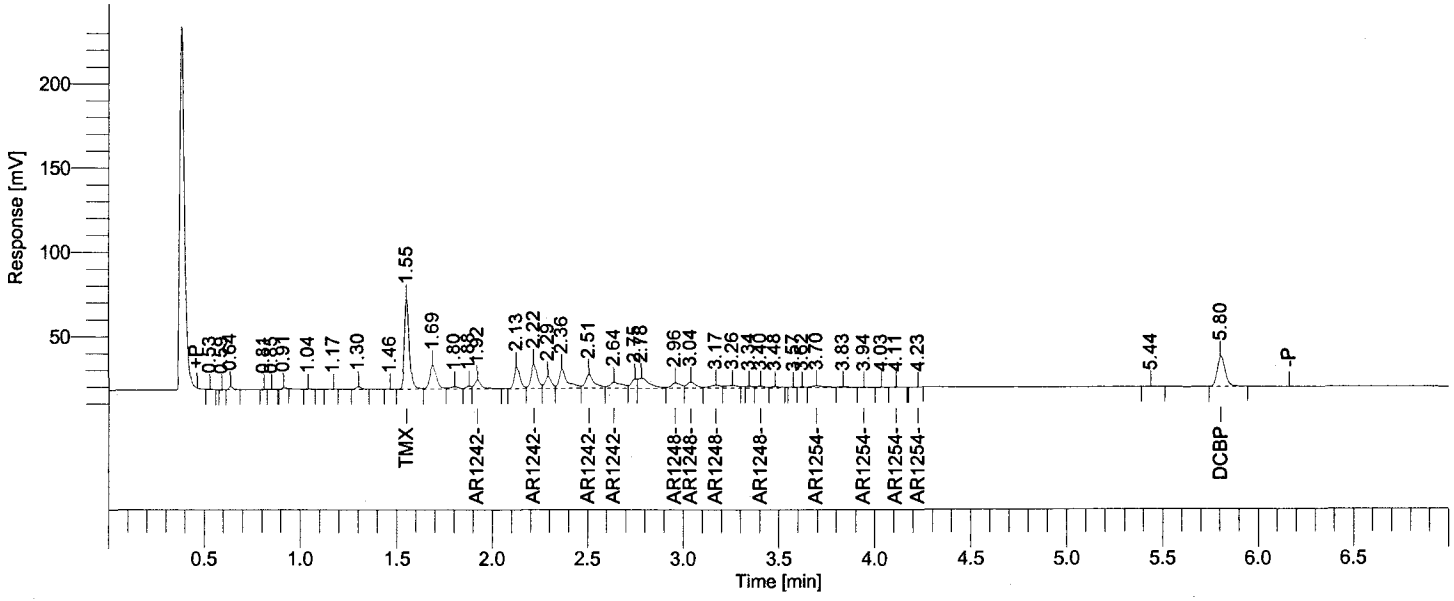
Chromatogram

Sample Name : AW60032456 Sample #: A6B30510 Page 1 of 1
FileName : H:\TURBO6\5890-19\19B72169.raw
Date : 10/05/2006 07:55:41
Method : SDPCBINS Time of Injection: 10/05/2006 01:43:16
Start Time : 0.00 min End Time : 7.00 min Low Point : 7.29 mV High Point : 233.61 mV
Scale Factor: 1.0 Plot Offset: 7.29 mV Plot Scale: 226.3 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 07:55:39
Reprocess Number	: buf2042: 123138		
Operator	: tchrom	Sample Name	: AW60032456
Sample Number	: A6B30510	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/05/2006 01:43:16	Cycle	: 26

Raw Data File : H:\TURBO6\5890-19\19B72169.raw <Modified>
Result File : H:\TURBO6\5890-19\19B72169.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B72169.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B72169.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(09-25-06).mth from H:\TURBO6\5890-19\19B72169.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
11	1.55	VV	94613	TMX	0.0165	-------	0
	2.22		88119	AR1242	0.1069	0.0267	4
	3.04		34574	AR1248	0.0317	0.0079	4
	3.70		7188	AR1254	0.0048	0.0012	4
40	5.80	BB	51798	DCBP	0.0087	-------	0
			276292			0.0358	

10-6-06

10/05/2006 07:55:39 Result: H:\TURBO6\5890-19\19B72169.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
15	1.92	VV	13560	AR1242-A	0.1363	0.0341	4
17	2.22	VV	32653	AR1242-B	0.1620	0.0405	4
20	2.51	VV	25923	AR1242-C	0.0715	0.0179	4
21	2.64	VV	15983	AR1242-D	0.0994	0.0248	4
			88119			0.1173	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
24	2.96	VV	11079	AR1248-A	0.0414	0.0103	4
25	3.04	VV	12124	AR1248-B	0.0512	0.0128	4
26	3.17	VV	7656	AR1248-C	0.0219	0.0055	4
29	3.40	VV	3715	AR1248-D	0.0157	0.0039	4
			34574			0.0325	

10-6-06

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
33	3.70	VV	5374	AR1254-A	0.0116	0.0029	4
35	3.94	VV	1018	AR1254-B	0.0043	0.0011	4
37	4.11	VB	591	AR1254-C	0.0015	3.7e-04	4
38	4.23	BB	205	AR1254-D	5.2e-04	1.3e-04	4
			7188			0.0045	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	4.51		0	AR1260-A	0.0000	-------	-
-	4.65		0	AR1260-B	0.0000	-------	-
-	5.32		0	AR1260-C	0.0000	-------	-
-	5.57		0	AR1260-D	0.0000	-------	-
			0			0.0000	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MPI-02-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B30511

Sample wt/vol: 1045.00 (g/mL) ML Lab File ID: 19A72170.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 09/28/2006 09/29/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 10/04/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/05/2006

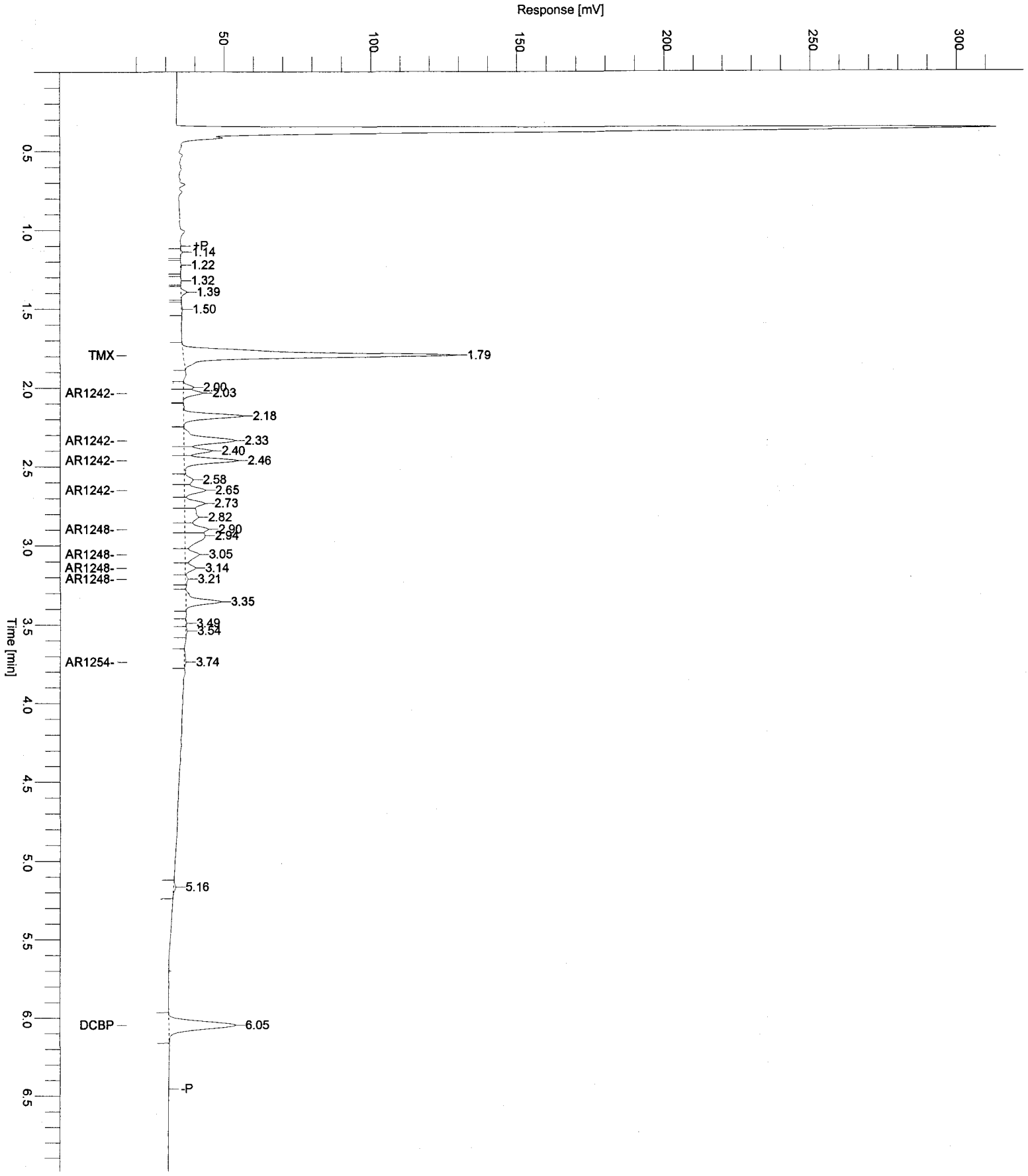
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.91	
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

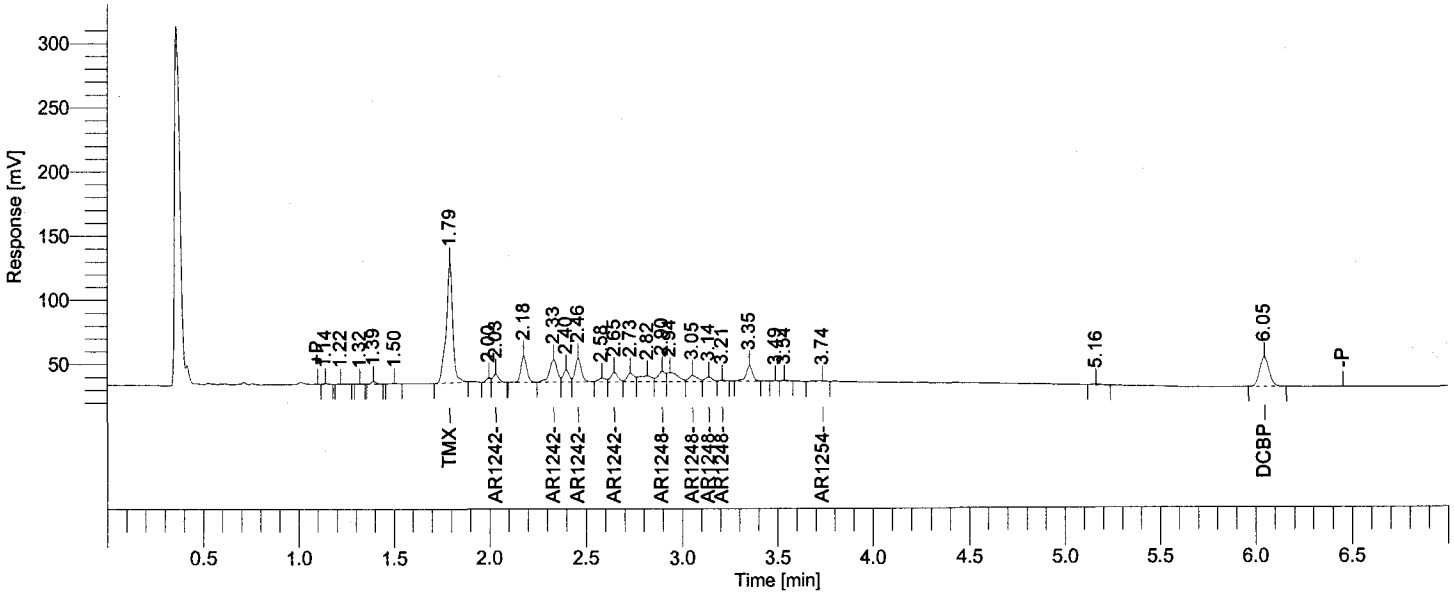
Chromatogram

Sample Name : AW60032457 Sample #: A6B30511 Page 1 of 1
FileName : H:\TURBO6\5890-19\19A72170.raw
Date : 10/05/2006 07:55:44
Method : SDPCBINS Time of Injection: 10/05/2006 02:02:33
Start Time : 0.00 min End Time : 7.00 min Low Point : 16.46 mV High Point : 313.42 mV
Scale Factor: 1.0 Plot Offset: 16.46 mV Plot Scale: 297.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 07:55:42
Reprocess Number	: buf2042: 123139		
Operator	: tchrom	Sample Name	: AW60032457
Sample Number	: A6B30511	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/05/2006 02:02:33	Cycle	: 27

Raw Data File : H:\TURBO6\5890-19\19A72170.raw <Modified>
Result File : H:\TURBO6\5890-19\19A72170.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A72170.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A72170.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(09-25-06).mth from H:\TURBO6\5890-19\19A72170.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
6	1.79	BB	223464	TMX	0.0194	-------	0
	2.46		123664	AR1242	0.0810	0.0202	4
	2.90		48214	AR1248	0.0350	0.0087	4
27	6.05	BB	78087	DCBP	0.0093	-------	0
			473429			0.0290	

AB 10-6-06

10/05/2006 07:55:42 Result: H:\TURBO6\5890-19\19A72170.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
8	2.03	VB	13869	AR1242-A	0.0671	0.0168	4
10	2.33	BV	49890	AR1242-B	0.1193	0.0298	4
12	2.46	VV	41454	AR1242-C	0.1680	0.0420	4
14	2.65	VV	18451	AR1242-D	0.0281	0.0070	4
			123664			0.0956	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
17	2.90	VV	21942	AR1248-A	0.0701	0.0175	4
19	3.05	VV	15114	AR1248-B	0.0292	0.0073	4
20	3.14	VV	9008	AR1248-C	0.0218	0.0055	4
21	3.21	VV	2150	AR1248-D	0.0159	0.0040	4
			48214			0.0342	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
25	3.74	BB	2083	AR1254-A	0.0032	8.0e-04	4
-	3.81		0	AR1254-B	0.0000	-------	-
-	4.36		0	AR1254-C	0.0000	-------	-
-	4.56		0	AR1254-D	0.0000	-------	-
			2083			8.0e-04	

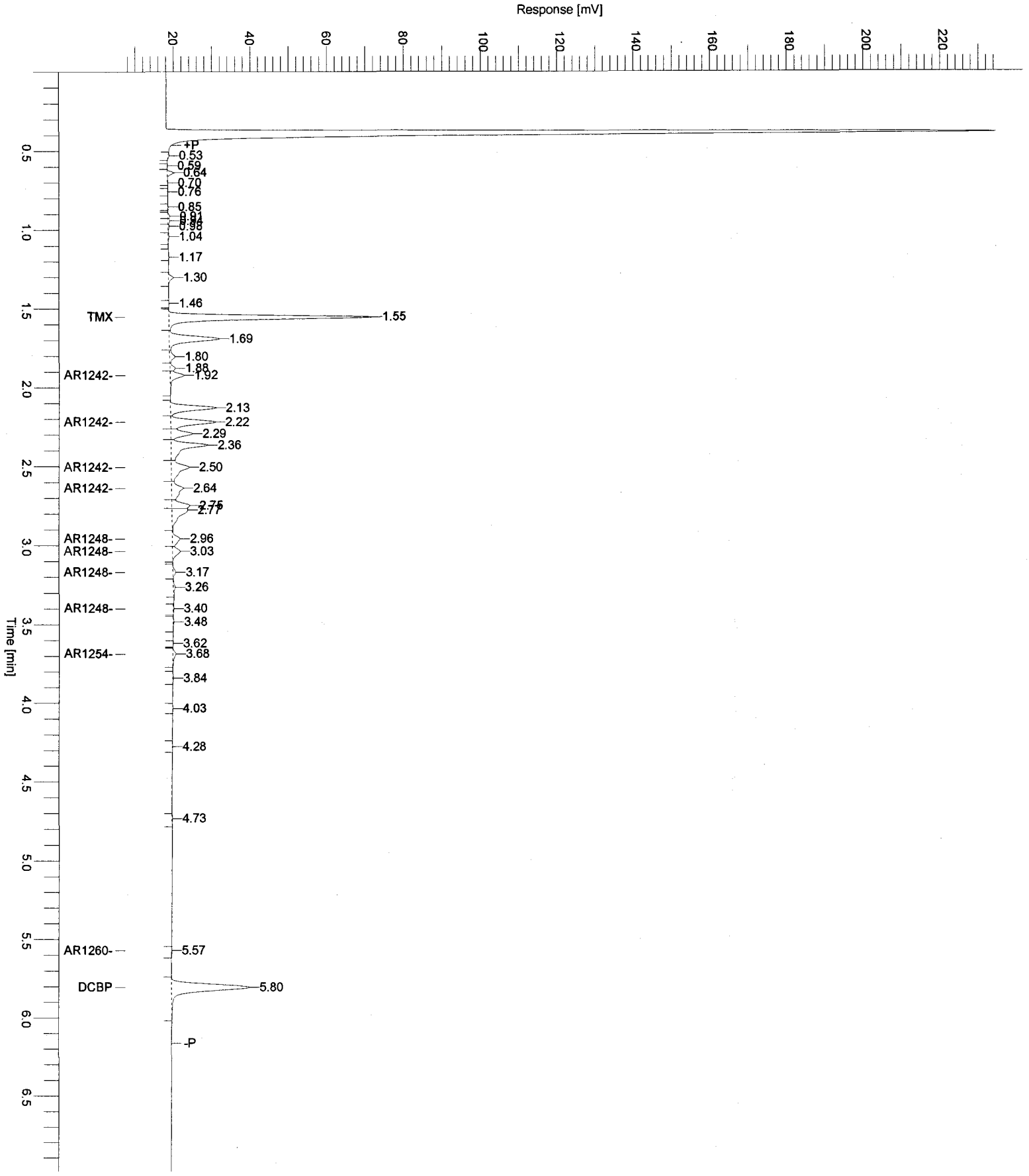
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	4.85		0	AR1260-A	0.0000	-------	-
-	5.06		0	AR1260-B	0.0000	-------	-
-	5.37		0	AR1260-C	0.0000	-------	-
-	5.50		0	AR1260-D	0.0000	-------	-
			0			0.0000	

10-6-06

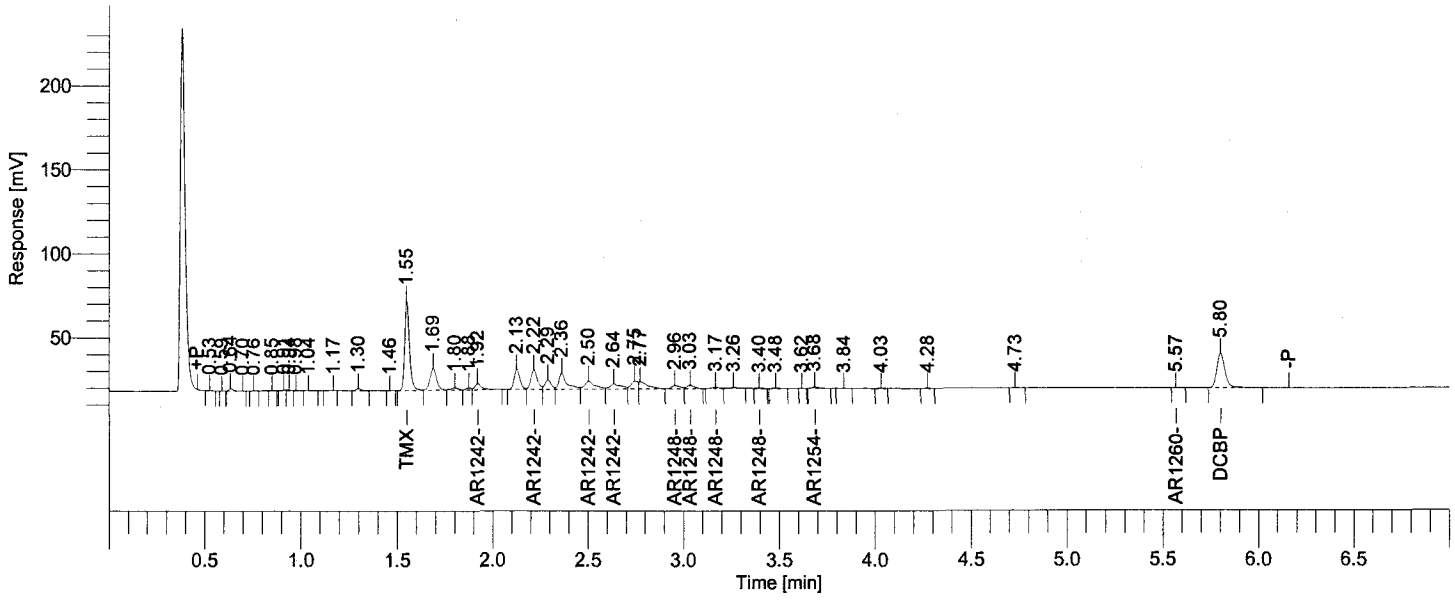
Chromatogram

Sample Name : AW60032457 Sample #: A6B30511 Page 1 of 1
FileName : H:\TURBO6\5890-19\19B72170.raw
Date : 10/05/2006 07:55:47
Method : SDPCBINS Time of Injection: 10/05/2006 02:02:33
Start Time : 0.00 min End Time : 7.00 min Low Point : 7.24 mV High Point : 234.45 mV
Scale Factor: 1.0 Plot Offset: 7.24 mV Plot Scale: 227.2 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 07:55:45
Reprocess Number	: buf2042: 123140		
Operator	: tchrom	Sample Name	: AW60032457
Sample Number	: A6B30511	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/05/2006 02:02:33	Cycle	: 27

Raw Data File : H:\TURBO6\5890-19\19B72170.raw <Modified>
Result File : H:\TURBO6\5890-19\19B72170.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B72170.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B72170.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(09-25-06).mth from H:\TURBO6\5890-19\19B72170.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
14	1.55	BV	94476	TMX	0.0165	-------	0
	2.22		64452	AR1242	0.0782	0.0195	4
	3.03		13849	AR1248	0.0127	0.0032	4
40	5.80	BB	60513	DCBP	0.0105	-------	0
			233290			0.0227	

10-6-06

10/05/2006 07:55:45 Result: H:\TURBO6\5890-19\19B72170.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
18	1.92	VB	8542	AR1242-A	0.0859	0.0215	4
20	2.22	VV	26592	AR1242-B	0.1319	0.0330	4
23	2.50	VV	17041	AR1242-C	0.0470	0.0117	4
24	2.64	VV	12277	AR1242-D	0.0763	0.0191	4
			64452			0.0853	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
27	2.96	VV	6069	AR1248-A	0.0227	0.0057	4
28	3.03	VB	5630	AR1248-B	0.0238	0.0059	4
29	3.17	BV	1733	AR1248-C	0.0050	0.0012	4
31	3.40	BB	417	AR1248-D	0.0018	4.4e-04	4
			13849			0.0133	

RB 10-6-06

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
34	3.68	BB	2149	AR1254-A	0.0046	0.0012	4
-	3.94		0	AR1254-B	0.0000	-------	-
-	4.11		0	AR1254-C	0.0000	-------	-
-	4.22		0	AR1254-D	0.0000	-------	-
			2149			0.0012	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	4.51		0	AR1260-A	0.0000	-------	-
-	4.65		0	AR1260-B	0.0000	-------	-
-	5.32		0	AR1260-C	0.0000	-------	-
39	5.57	BB	158	AR1260-D	0.0098	0.0025	4
			158			0.0025	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.: NM-MPI-03-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B30513

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 19A72172.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 09/28/2006 09/29/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 10/04/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/05/2006

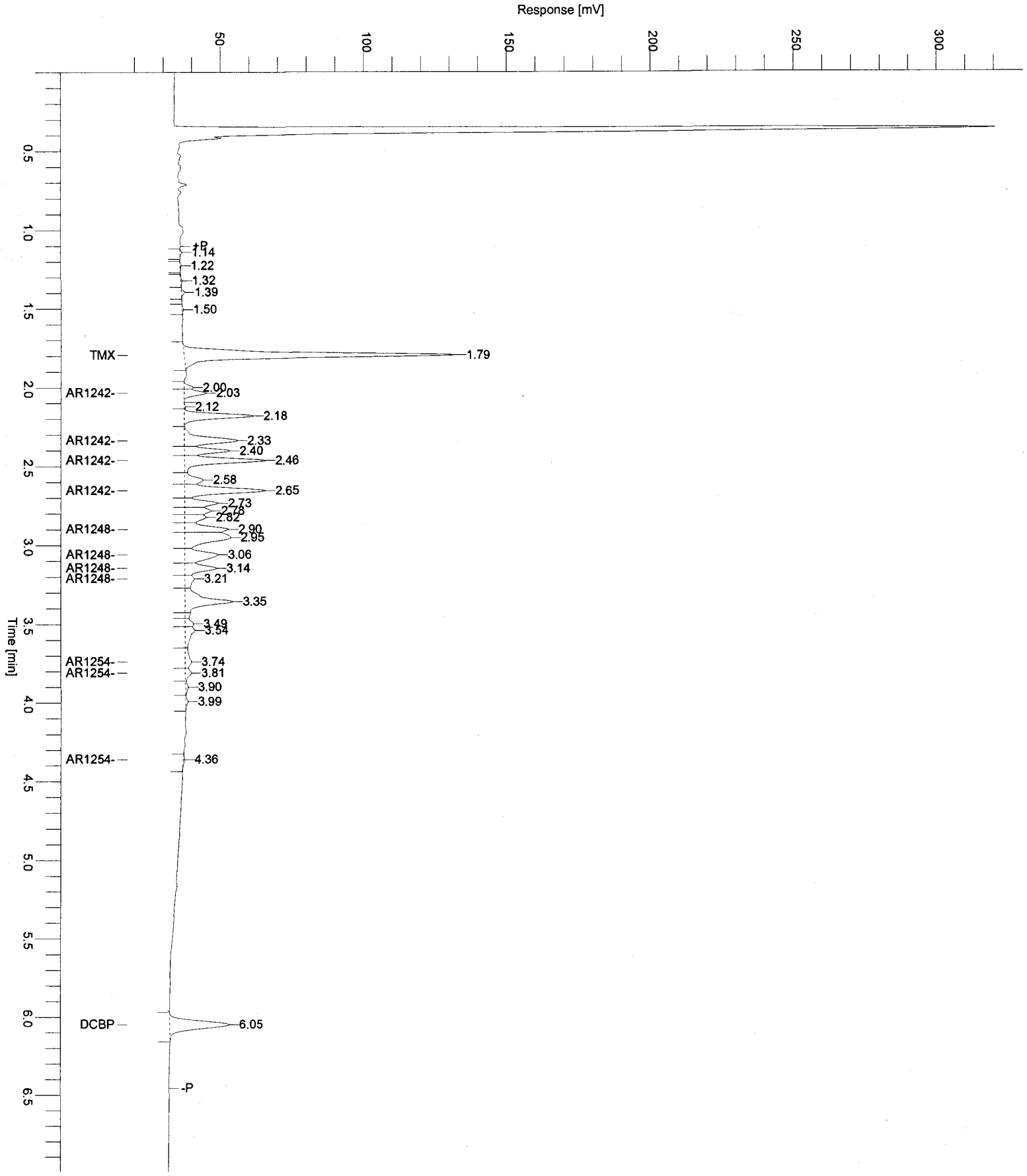
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	1.4	
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

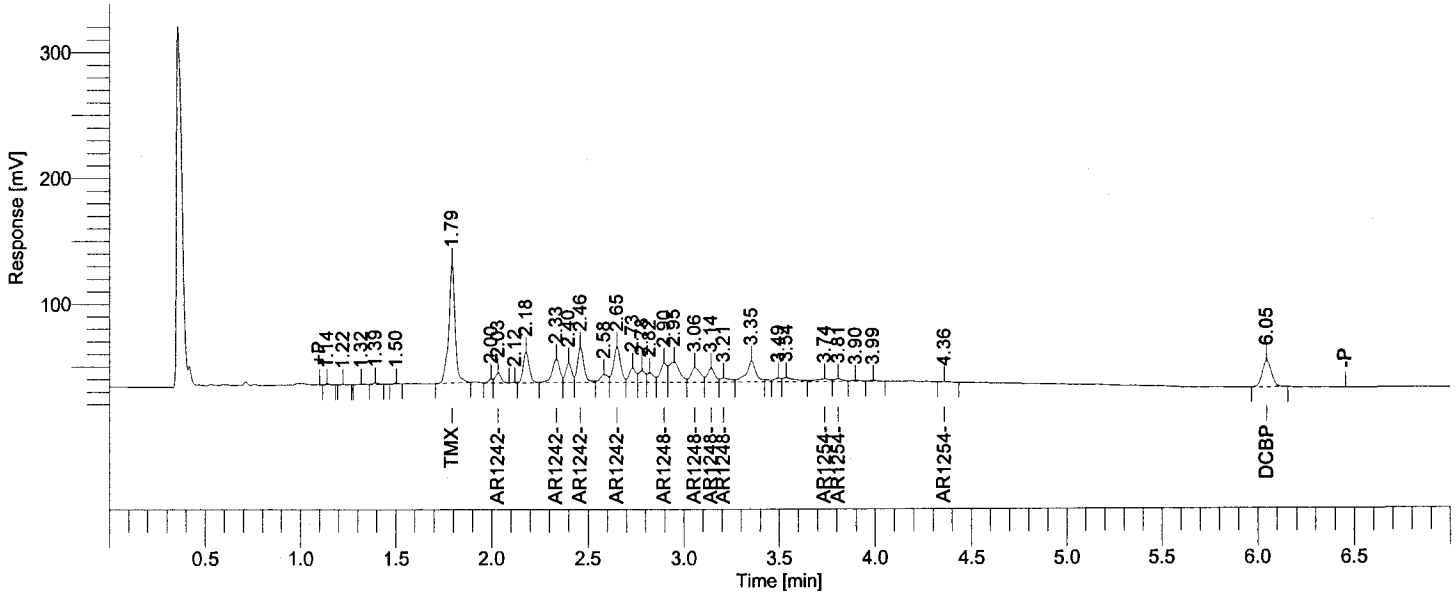
Chromatogram

Sample Name : AW60032459 Sample #: A6B30513 Page 1 of 1
FileName : H:\TURBO6\5890-19\19A72172.raw
Date : 10/05/2006 07:55:55
Method : SDPCBINS Time of Injection: 10/05/2006 02:41:07
Start Time : 0.00 min End Time : 7.00 min Low Point : 17.40 mV High Point : 320.59 mV
Scale Factor: 1.0 Plot Offset: 17.40 mV Plot Scale: 303.2 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 07:55:54
Reprocess Number	: buf2042: 123143		
Operator	: tchrom	Sample Name	: AW60032459
Sample Number	: A6B30513	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/05/2006 02:41:07	Cycle	: 29

Raw Data File : H:\TURBO6\5890-19\19A72172.raw <Modified>
Result File : H:\TURBO6\5890-19\19A72172.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A72172.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A72172.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(09-25-06).mth from H:\TURBO6\5890-19\19A72172.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
6	1.79	BB	216799	TMX	0.0187	-------	0
	2.46		207063	AR1242	0.1356	0.0339	4
	2.90		120953	AR1248	0.0877	0.0219	4
	3.74		18895	AR1254	0.0081	0.0020	4
32	6.05	BB	69929	DCBP	0.0081	-------	0
			633638			0.0579	

10-10-06

10/05/2006 07:55:54 Result: H:\TURBO6\5890-19\19A72172.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
8	2.03	VV	16179	AR1242-A	0.0783	0.0196	4
11	2.33	VV	52218	AR1242-B	0.1249	0.0312	4
13	2.46	VV	65875	AR1242-C	0.2669	0.0667	4
15	2.65	VV	72791	AR1242-D	0.1110	0.0278	4
			207063			0.1453	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
19	2.90	VV	37165	AR1248-A	0.1187	0.0297	4
21	3.06	VV	40849	AR1248-B	0.0790	0.0198	4
22	3.14	VV	30693	AR1248-C	0.0743	0.0186	4
23	3.21	VV	12245	AR1248-D	0.0903	0.0226	4
			120953			0.0906	

10-6-06

Group Report For : AR1254

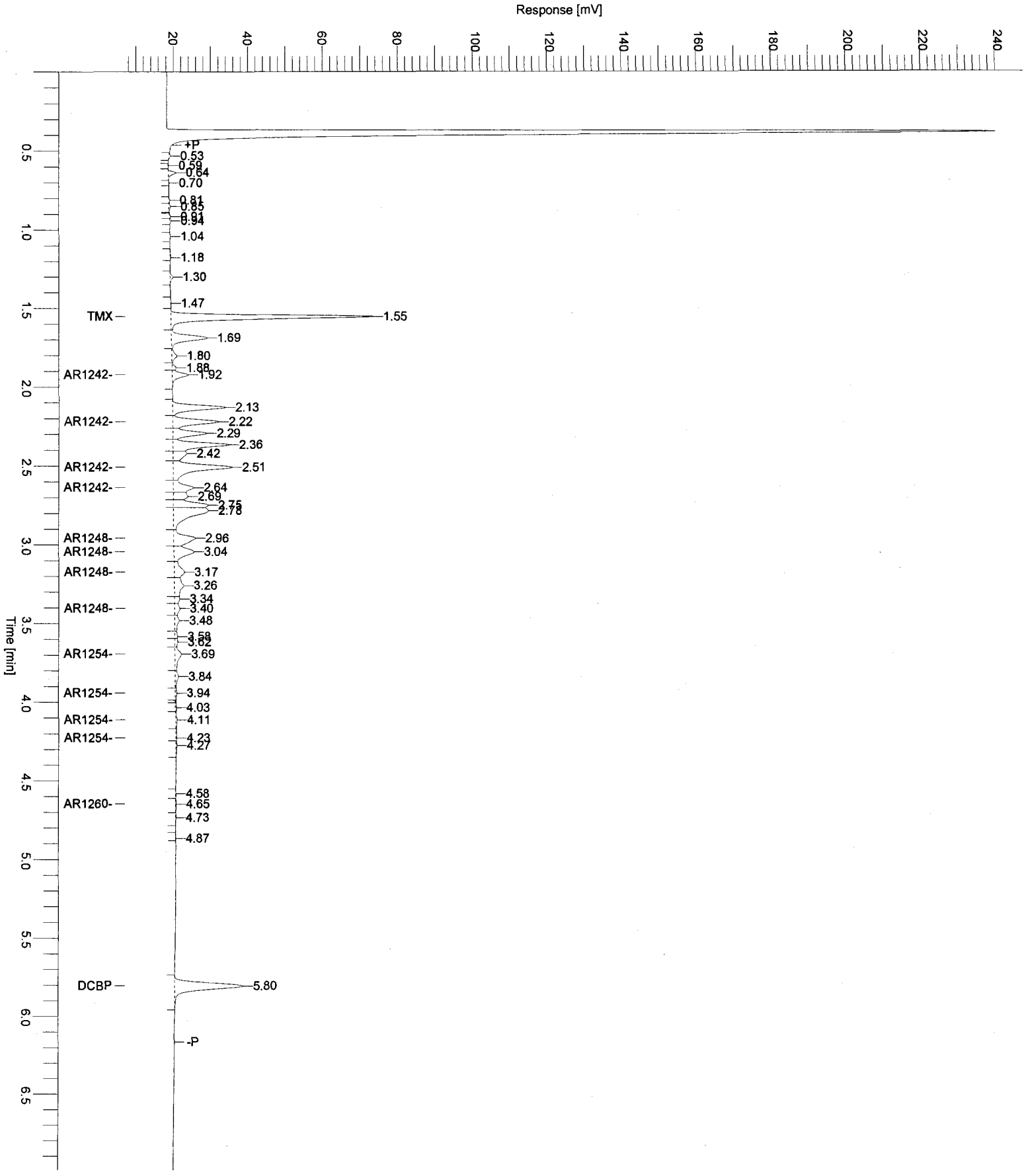
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
27	3.74	VV	11220	AR1254-A	0.0171	0.0043	4
28	3.81	VV	6358	AR1254-B	0.0096	0.0024	4
31	4.36	BB	1318	AR1254-C	0.0017	4.3e-04	4
-	4.56		0	AR1254-D	0.0000	-------	-
			18895			0.0071	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	4.85		0	AR1260-A	0.0000	-------	-
-	5.06		0	AR1260-B	0.0000	-------	-
-	5.37		0	AR1260-C	0.0000	-------	-
-	5.50		0	AR1260-D	0.0000	-------	-
			0			0.0000	

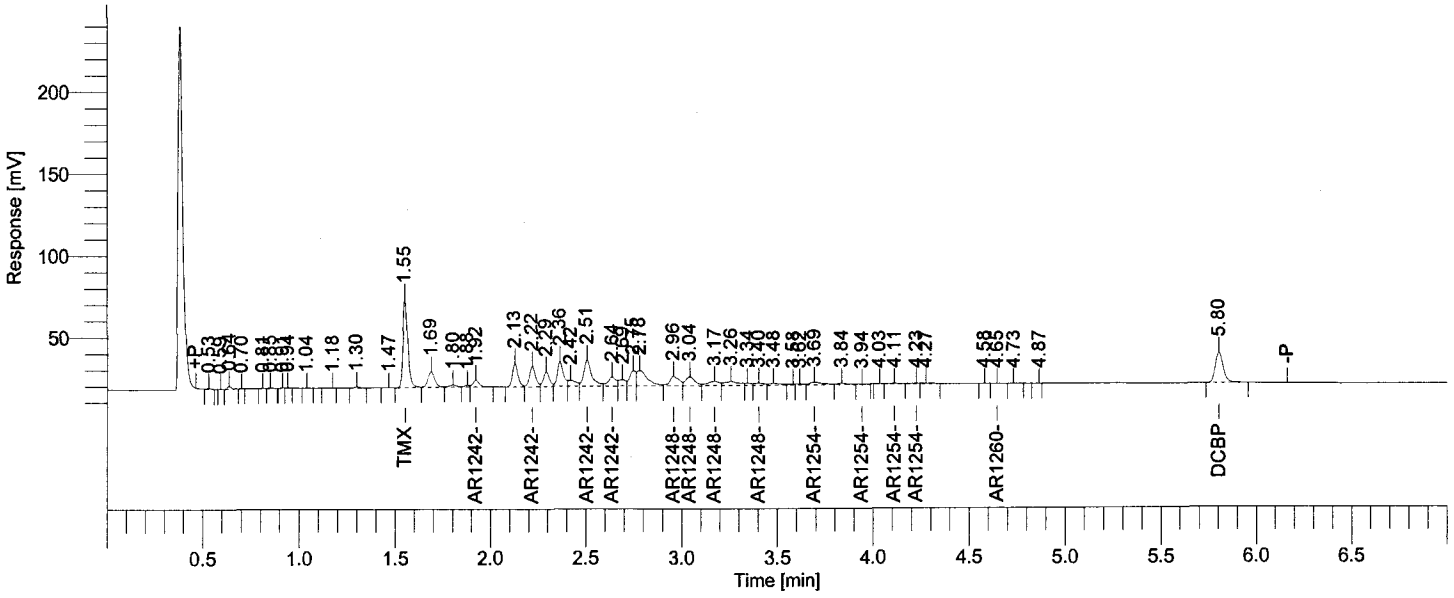
Chromatogram

Sample Name : AW60032459 Sample #: A6B30513 Page 1 of 1
FileName : H:\TURBO6\5890-19\19B72172.raw
Date : 10/05/2006 07:55:58
Method : SDPCBINS Time of Injection: 10/05/2006 02:41:07
Start Time : 0.00 min End Time : 7.00 min Low Point : 7.02 mV High Point : 240.07 mV
Scale Factor: 1.0 Plot Offset: 7.02 mV Plot Scale: 233.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 07:55:57
Reprocess Number	: buf2042: 123144		
Operator	: tchrom	Sample Name	: AW60032459
Sample Number	: A6B30513	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/05/2006 02:41:07	Cycle	: 29

Raw Data File : H:\TURBO6\5890-19\19B72172.raw <Modified>
Result File : H:\TURBO6\5890-19\19B72172.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B72172.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B72172.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(09-25-06).mth from H:\TURBO6\5890-19\19B72172.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
13	1.55	VV	96409	TMX	0.0168	-------	0
	2.51		98465	AR1242	0.1194	0.0299	4
	2.96		55056	AR1248	0.0505	0.0126	4
	3.69		12074	AR1254	0.0081	0.0020	4
48	5.80	BB	53306	DCBP	0.0090	-------	0
			315310			0.0445	

10-6-06

10/05/2006 07:55:57 Result: H:\TURBO6\5890-19\19B72172.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
17	1.92	VB	9516	AR1242-A	0.0956	0.0239	4
19	2.22	VV	27915	AR1242-B	0.1385	0.0346	4
23	2.51	VV	45350	AR1242-C	0.1250	0.0313	4
24	2.64	VV	15683	AR1242-D	0.0975	0.0244	4
			98465			0.1142	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
28	2.96	VV	19883	AR1248-A	0.0742	0.0186	4
29	3.04	VV	18755	AR1248-B	0.0792	0.0198	4
30	3.17	VV	11471	AR1248-C	0.0328	0.0082	4
33	3.40	VV	4947	AR1248-D	0.0209	0.0052	4
			55056			0.0518	

VAS
10-6-06

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
37	3.69	VV	8087	AR1254-A	0.0174	0.0044	4
39	3.94	VV	1475	AR1254-B	0.0063	0.0016	4
41	4.11	VV	1689	AR1254-C	0.0042	0.0010	4
42	4.23	VV	823	AR1254-D	0.0021	5.2e-04	4
			12074			0.0075	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	4.51		0	AR1260-A	0.0000	-------	-
45	4.65	VV	465	AR1260-B	-0.0263	-7e-03	4
-	5.32		0	AR1260-C	0.0000	-------	-
-	5.57		0	AR1260-D	0.0000	-------	-
			465			-7e-03	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MPI-04-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B30507

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 19A72166.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 09/28/2006 09/29/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 10/04/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/05/2006

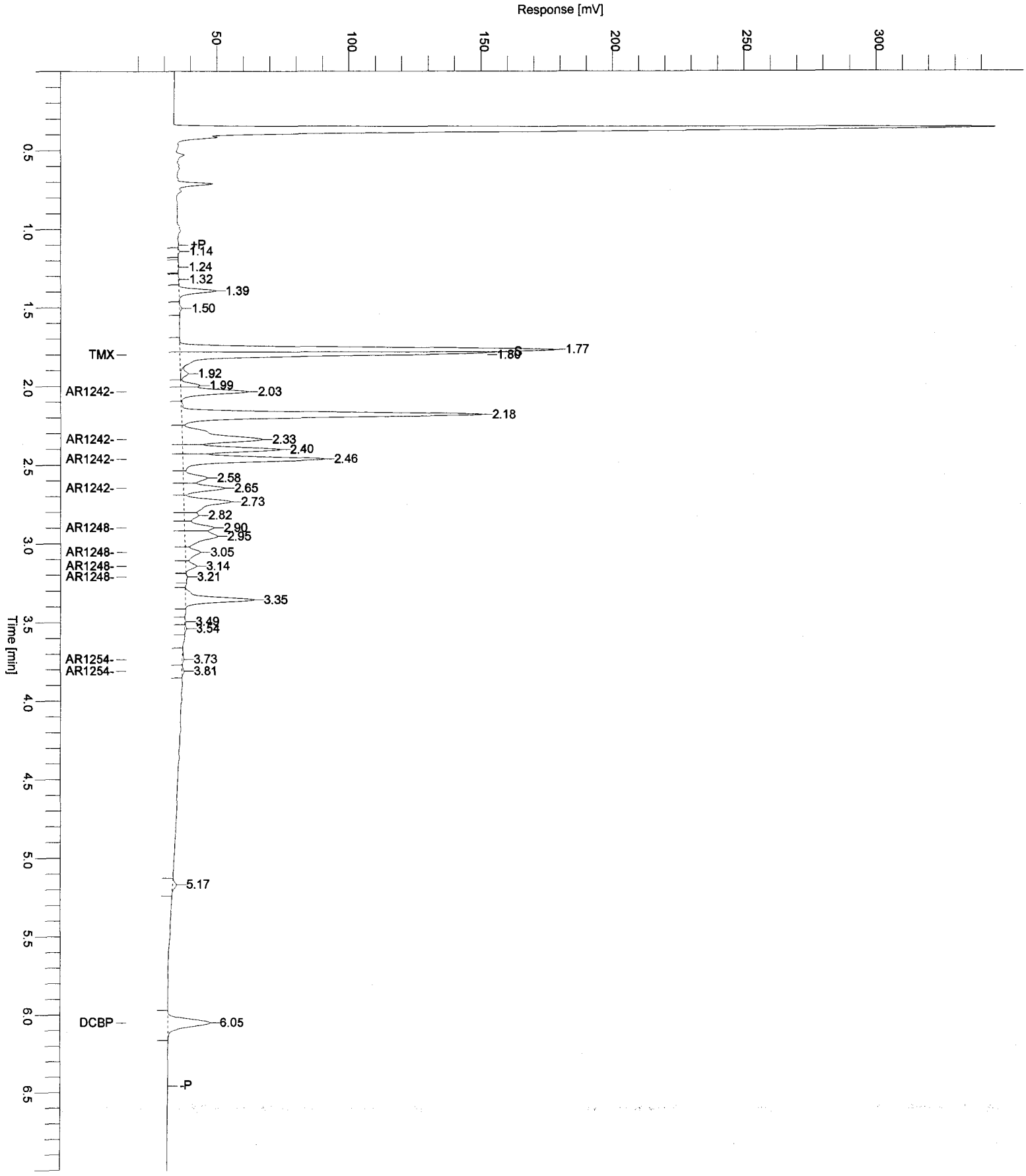
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	2.6	
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

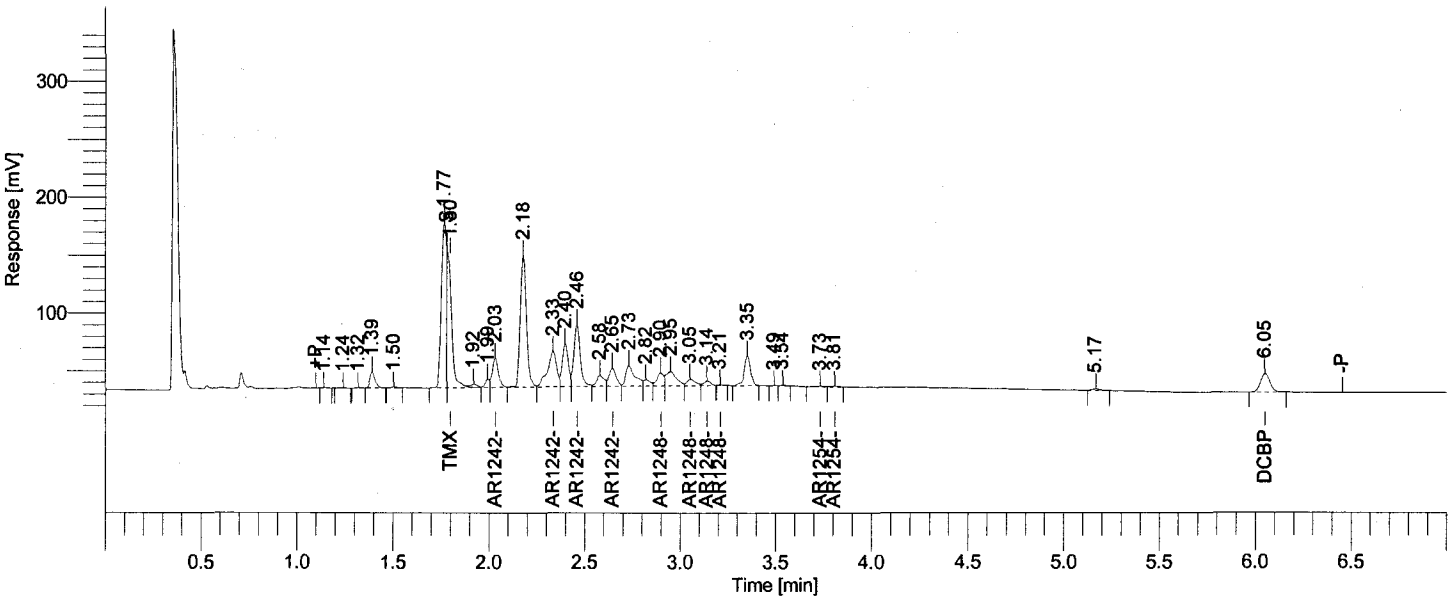
Chromatogram

Sample Name : AW60032453 Sample #: A6B30507 Page 1 of 1
FileName : H:\TURBO6\5890-19\19A72166.raw
Date : 10/06/2006 13:51:02
Method : Time of Injection: 10/05/2006 00:45:28
Start Time : 0.00 min End Time : 7.00 min Low Point : 15.47 mV High Point : 345.27 mV
Scale Factor: 1.0 Plot Offset: 15.47 mV Plot Scale: 329.8 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/06/2006 13:50:51
Operator	: tchrom	Sample Name	: AW60032453
Sample Number	: A6B30507	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/05/2006 00:45:28	Cycle	: 23

Raw Data File : H:\TURBO6\5890-19\19A72166.raw <Modified>
Result File : H:\TURBO6\5890-19\19A72166.rst [Editing in Progress]
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A72166.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A72166.rst [Editing in Progress]
Calib Method : h:\turbo6\5890-19\sa-4pcb(09-25-06).mth from H:\TURBO6\5890-19\19A72166.rst [Editing in Progress]
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
7	1.80	*VE	202085	TMX	0.0172	-------	0
	2.46		321654	AR1242	0.2106	0.0527	4
	2.90		56356	AR1248	0.0409	0.0102	4
30	6.05	BB	53847	DCBP	0.0058	-------	0
			633943			0.0629	

AS 10-6-06

10/06/2006 13:50:51 Result: H:\TURBO6\5890-19\19A72166.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
10	2.03	VV	55433	AR1242-A	0.2683	0.0671	4
12	2.33	VV	102994	AR1242-B	0.2463	0.0616	4
14	2.46	VV	123948	AR1242-C	0.5022	0.1256	4
16	2.65	VV	39278	AR1242-D	0.0599	0.0150	4
			321654			0.2692	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
19	2.90	VV	28437	AR1248-A	0.0908	0.0227	4
21	3.05	VV	17169	AR1248-B	0.0332	0.0083	4
22	3.14	VB	10068	AR1248-C	0.0244	0.0061	4
23	3.21	BB	682	AR1248-D	0.0050	0.0013	4
			56356			0.0384	

AB 10-6-06

Group Report For : AR1254

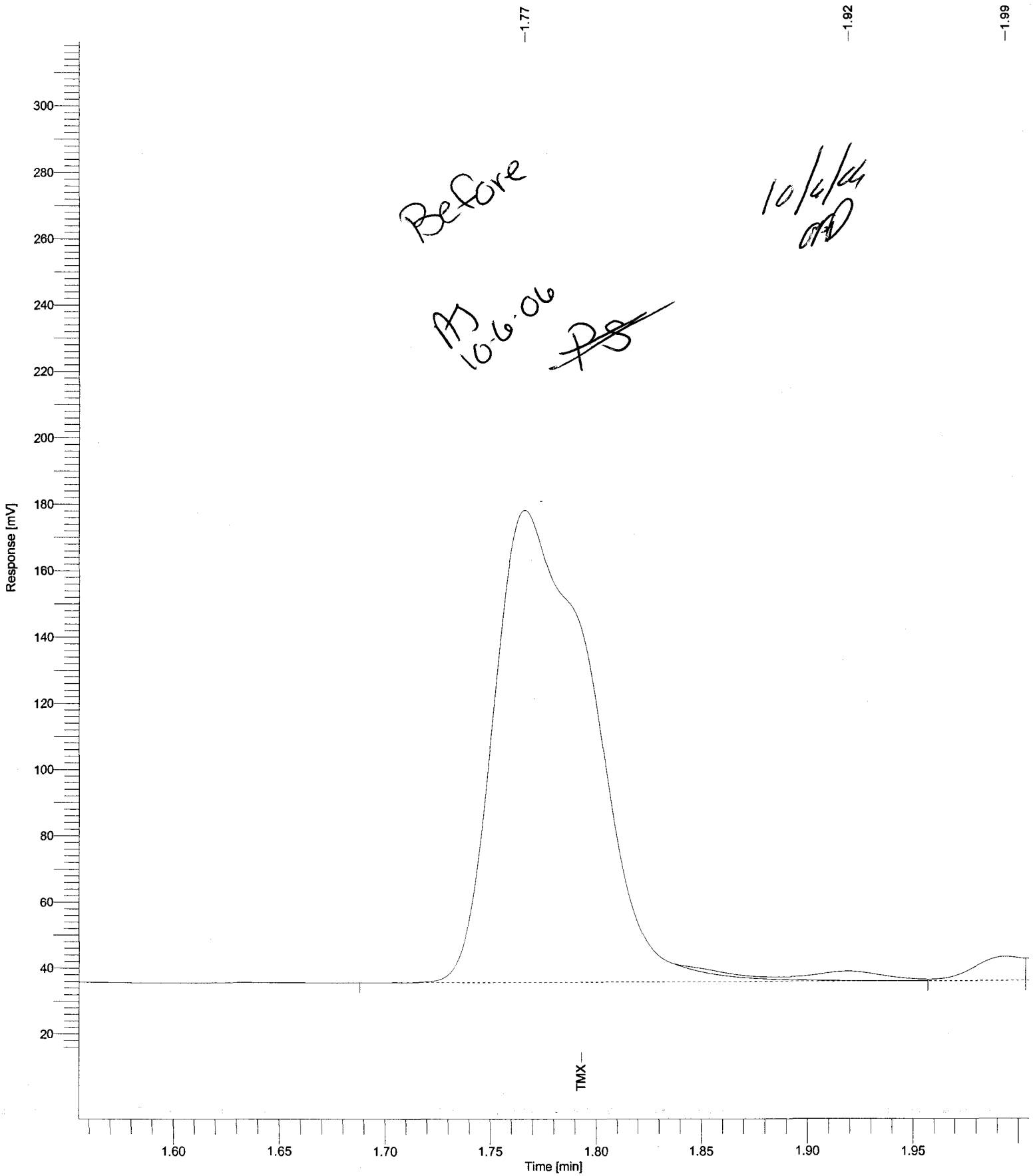
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
27	3.73	BV	1998	AR1254-A	0.0031	7.6e-04	4
28	3.81	VB	1767	AR1254-B	0.0027	6.7e-04	4
-	4.36		0	AR1254-C	0.0000	-------	-
-	4.56		0	AR1254-D	0.0000	-------	-
			3765			0.0014	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	4.85		0	AR1260-A	0.0000	-------	-
-	5.06		0	AR1260-B	0.0000	-------	-
-	5.37		0	AR1260-C	0.0000	-------	-
-	5.50		0	AR1260-D	0.0000	-------	-
			0			0.0000	

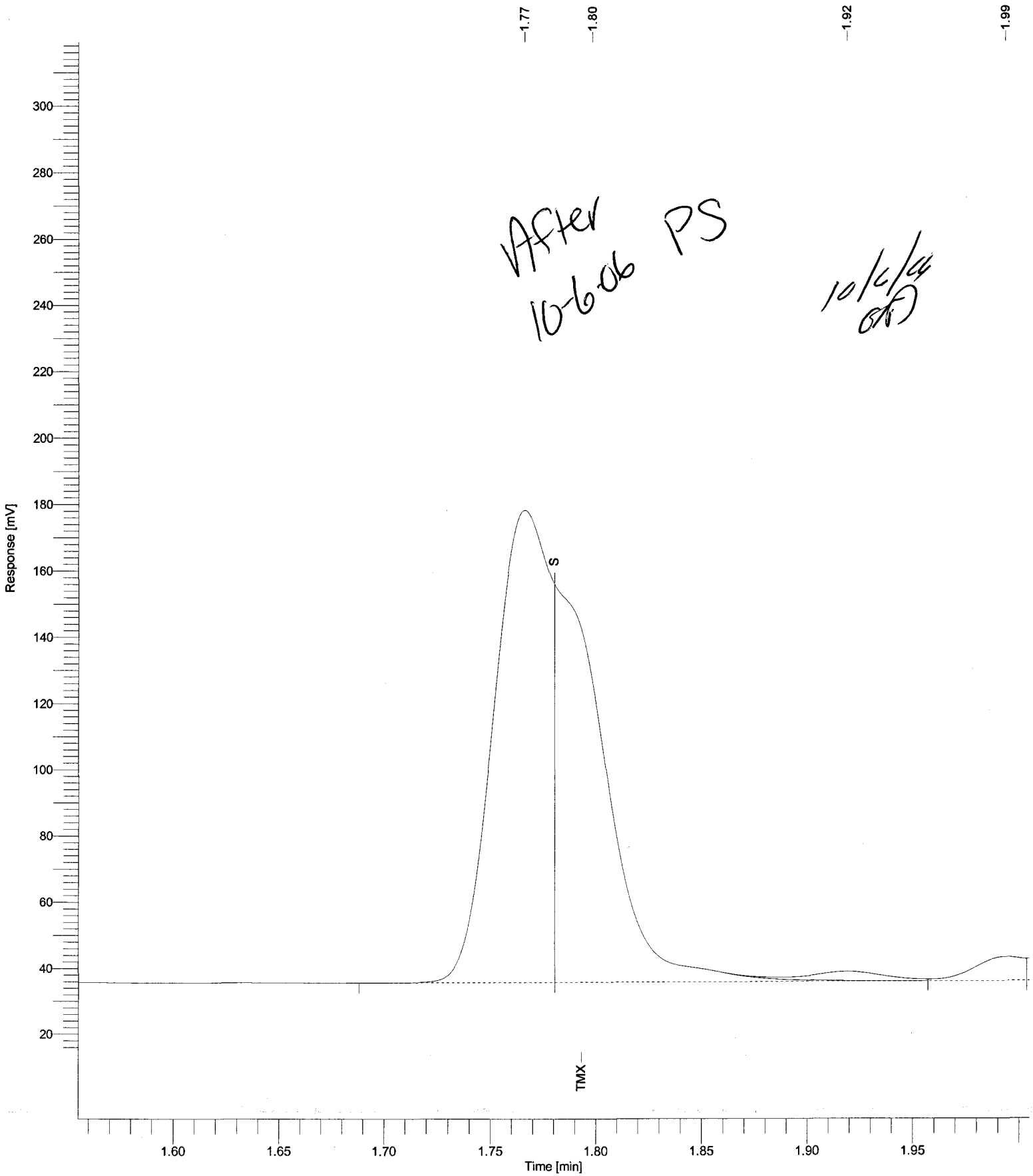
Chromatogram

Sample Name : AW60032453 Sample #: A6B30507 Page 1 of 1
FileName : H:\TURBO6\5890-19\19A72166.raw
Date : 10/06/2006 13:51:22
Method : Time of Injection: 10/05/2006 00:45:28
Start Time : 1.56 min End Time : 2.01 min Low Point : 14.65 mV High Point : 319.08 mV
Plot Offset: 14.65 mV Plot Scale: 304.4 mV



Chromatogram

Sample Name : AW60032453 Sample #: A6B30507 Page 1 of 1
FileName : H:\TURBO6\5890-19\19A72166.raw
Date : 10/06/2006 13:51:03
Method : Time of Injection: 10/05/2006 00:45:28
Start Time : 1.56 min End Time : 2.01 min Low Point : 14.65 mV High Point : 319.08 mV
Plot Offset: 14.65 mV Plot Scale: 304.4 mV

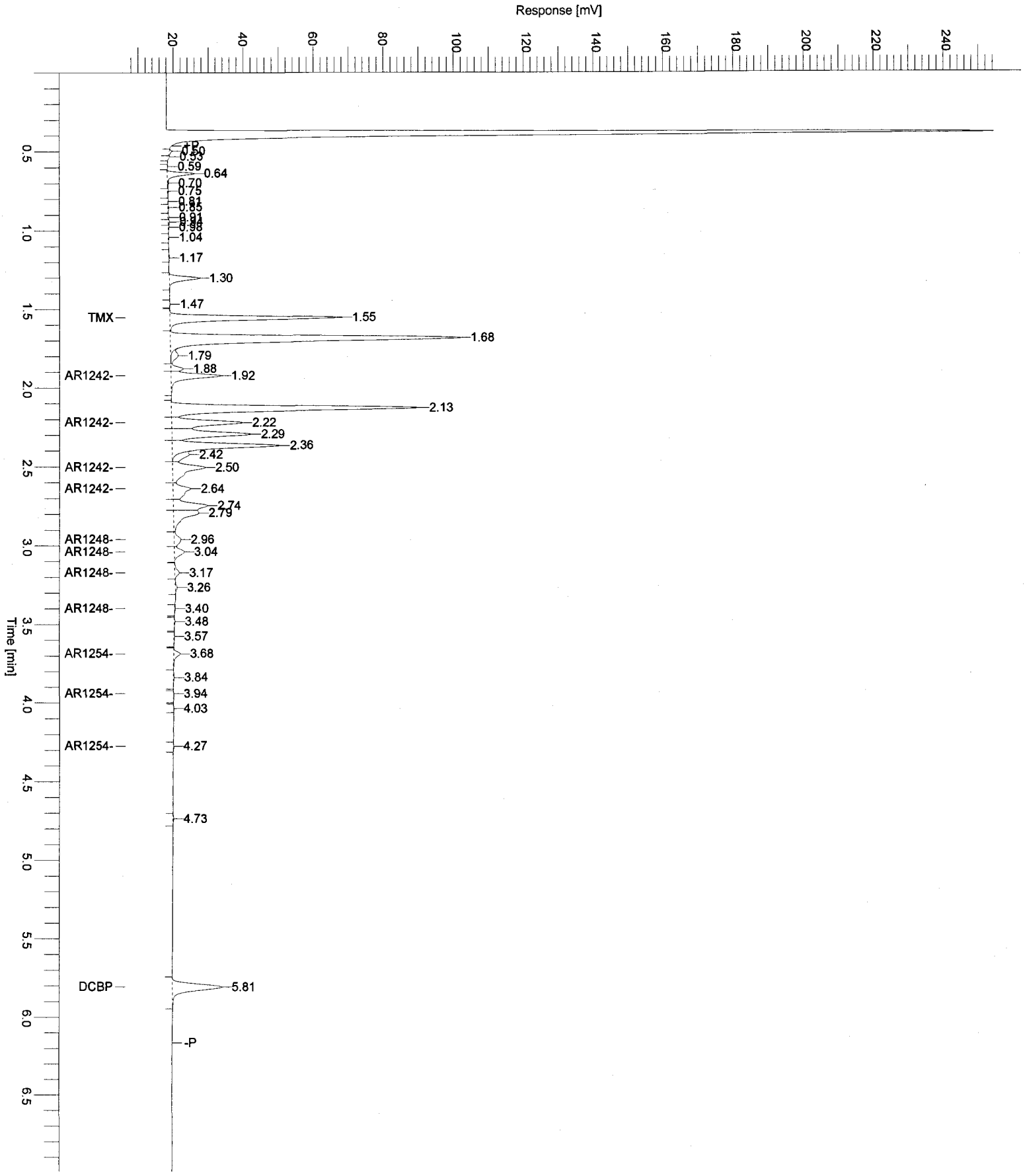


After 10-6-06 PS

10/6/06 BF

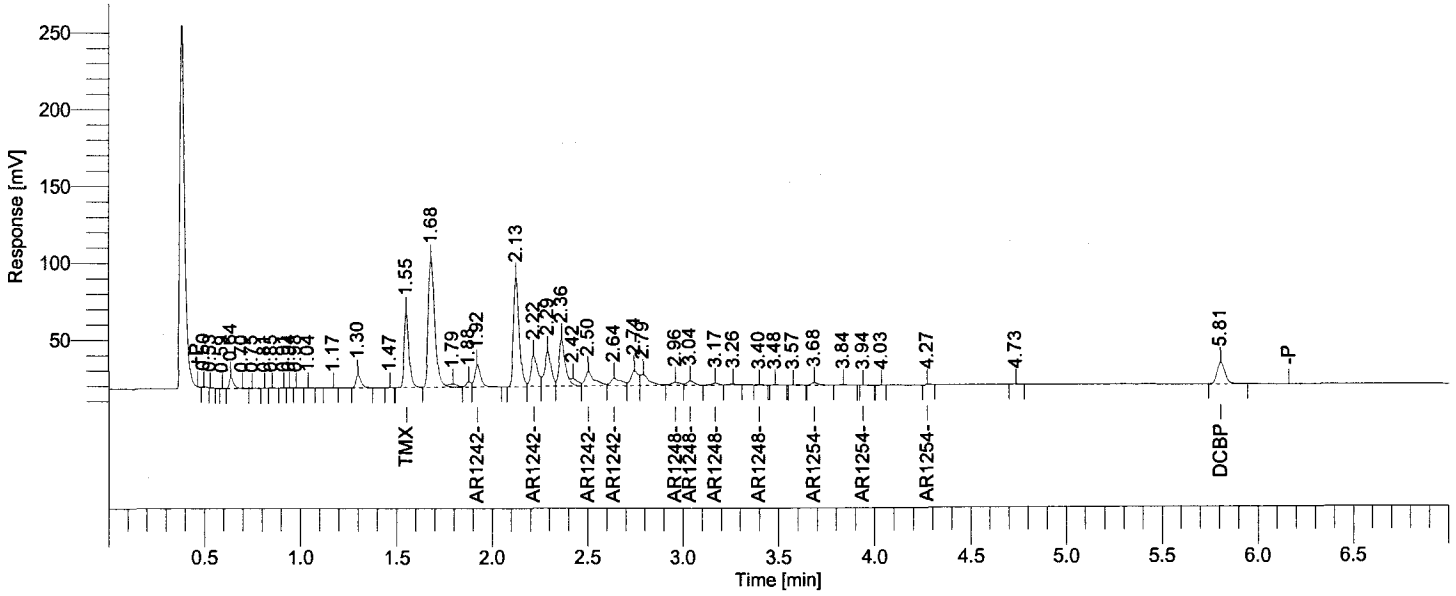
Chromatogram

Sample Name : AW60032453 Sample #: A6B30507 Page 1 of 1
FileName : H:\TURBO6\5890-19\19B72166.raw
Date : 10/05/2006 07:55:21
Method : SDPCBINS Time of Injection: 10/05/2006 00:45:28
Start Time : 0.00 min End Time : 7.00 min Low Point : 6.24 mV High Point : 254.36 mV
Scale Factor: 1.0 Plot Offset: 6.24 mV Plot Scale: 248.1 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 07:55:20
Reprocess Number	: buf2042: 123132		
Operator	: tchrom	Sample Name	: AW60032453
Sample Number	: A6B30507	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/05/2006 00:45:28	Cycle	: 23

Raw Data File : H:\TURBO6\5890-19\19B72166.raw <Modified>
Result File : H:\TURBO6\5890-19\19B72166.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B72166.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B72166.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(09-25-06).mth from H:\TURBO6\5890-19\19B72166.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
16	1.55	BV	86950	TMX	0.0150	-------	0
	2.22		129125	AR1242	0.1566	0.0392	4
	3.04		18459	AR1248	0.0169	0.0042	4
43	5.81	BB	40250	DCBP	0.0064	-------	0
			274784			0.0434	

10-6-06

10/05/2006 07:55:20 Result: H:\TURBO6\5890-19\19B72166.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
20	1.92	VB	31059	AR1242-A	0.3122	0.0780	4
22	2.22	VV	47277	AR1242-B	0.2345	0.0586	4
26	2.50	VV	31612	AR1242-C	0.0872	0.0218	4
27	2.64	VV	19177	AR1242-D	0.1193	0.0298	4
			129125			0.1883	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
30	2.96	VV	6829	AR1248-A	0.0255	0.0064	4
31	3.04	VB	7978	AR1248-B	0.0337	0.0084	4
32	3.17	BV	3253	AR1248-C	0.0093	0.0023	4
34	3.40	BB	399	AR1248-D	0.0017	4.2e-04	4
			18459			0.0175	

10-6-06

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
37	3.68	BV	4246	AR1254-A	0.0092	0.0023	4
39	3.94	BB	151	AR1254-B	6.4e-04	1.6e-04	4
-	4.11		0	AR1254-C	0.0000	-------	-
41	4.27	BB	199	AR1254-D	5.1e-04	1.3e-04	4
			4597			0.0026	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	4.51		0	AR1260-A	0.0000	-------	-
-	4.65		0	AR1260-B	0.0000	-------	-
-	5.32		0	AR1260-C	0.0000	-------	-
-	5.57		0	AR1260-D	0.0000	-------	-
			0			0.0000	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MPI-04-GW/D

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B30508

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 19A72167.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 09/28/2006 09/29/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 10/04/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/05/2006

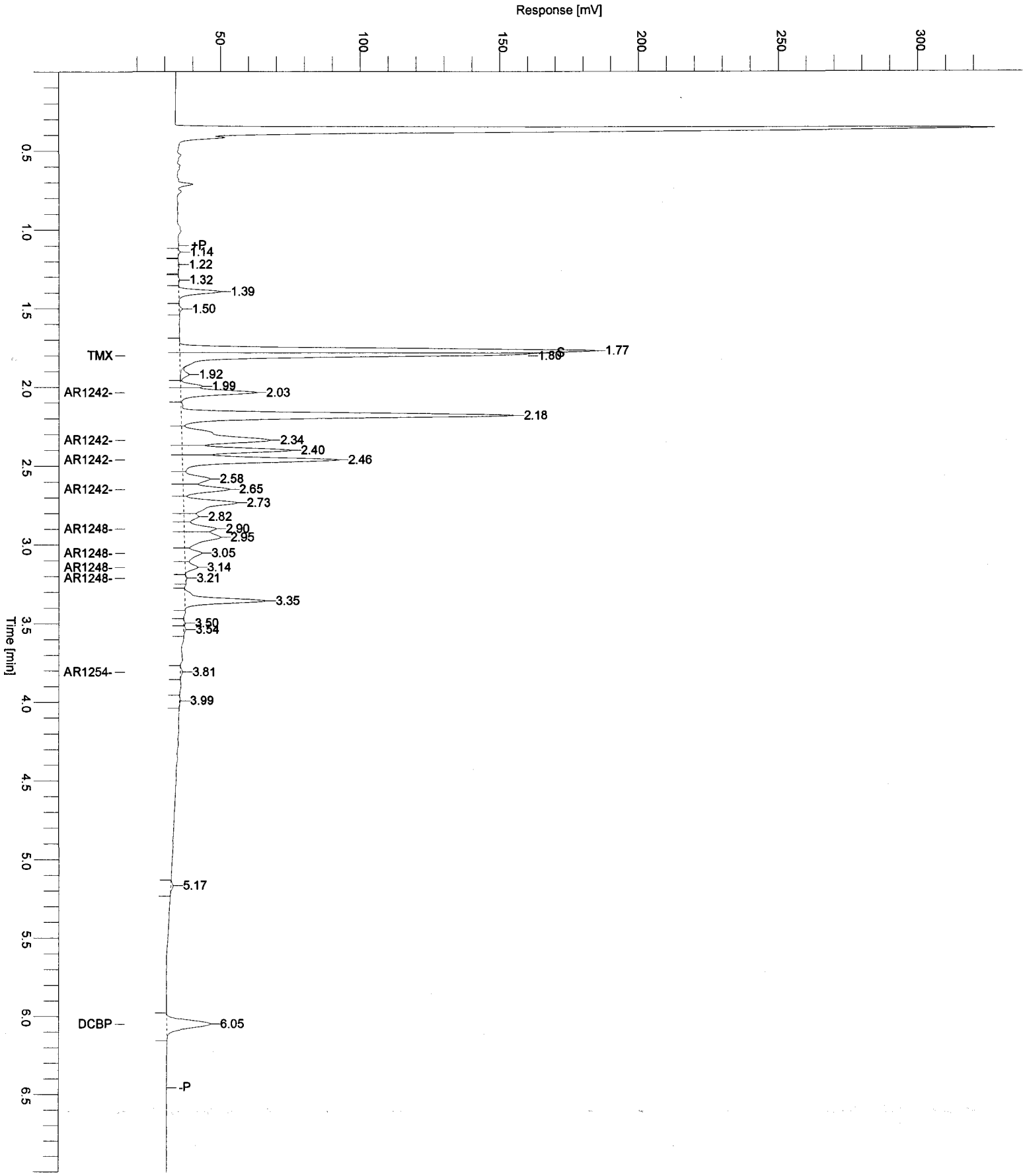
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	2.7	
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

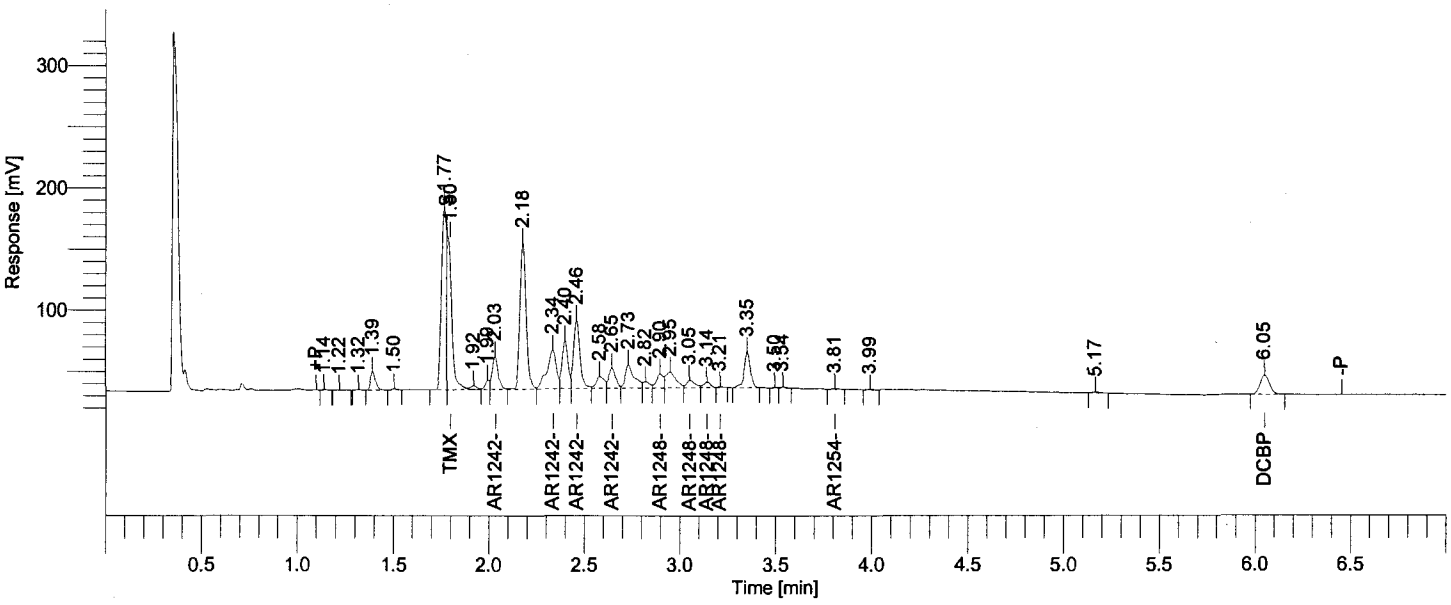
Chromatogram

Sample Name : AW60032454 Sample #: A6B30508 Page 1 of 1
FileName : H:\TURBO6\5890-19\19A72167.raw
Date : 10/06/2006 13:54:32
Method : Time of Injection: 10/05/2006 01:04:44
Start Time : 0.00 min End Time : 7.00 min Low Point : 15.46 mV High Point : 327.52 mV
Scale Factor: 1.0 Plot Offset: 15.46 mV Plot Scale: 312.1 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/06/2006 13:54:28
Operator	: tchrom	Sample Name	: AW60032454
Sample Number	: A6B30508	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/05/2006 01:04:44	Cycle	: 24

Raw Data File : H:\TURBO6\5890-19\19A72167.raw <Modified>
Result File : H:\TURBO6\5890-19\19A72167.rst [Editing in Progress]
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A72167.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A72167.rst [Editing in Progress]
Calib Method : h:\turbo6\5890-19\sa-4pcb(09-25-06).mth from H:\TURBO6\5890-19\19A72167.rst [Editing in Progress]
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
7	1.80	*VE	225222	TMX	0.0195	-------	0
	2.46		340523	AR1242	0.2230	0.0557	4
	2.90		59062	AR1248	0.0428	0.0107	4
30	6.05	BB	53136	DCBP	0.0057	-------	0
			677944			0.0665	

10-6-06

10/06/2006 13:54:28 Result: H:\TURBO6\5890-19\19A72167.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
10	2.03	VV	59101	AR1242-A	0.2861	0.0715	4
12	2.34	VV	110315	AR1242-B	0.2638	0.0659	4
14	2.46	VV	129315	AR1242-C	0.5240	0.1310	4
16	2.65	VV	41793	AR1242-D	0.0638	0.0159	4
			340523			0.2844	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
19	2.90	VV	28375	AR1248-A	0.0906	0.0227	4
21	3.05	VV	18709	AR1248-B	0.0362	0.0090	4
22	3.14	VB	11293	AR1248-C	0.0273	0.0068	4
23	3.21	BB	685	AR1248-D	0.0051	0.0013	4
			59062			0.0398	

BJ 10-6-06

Group Report For : AR1254

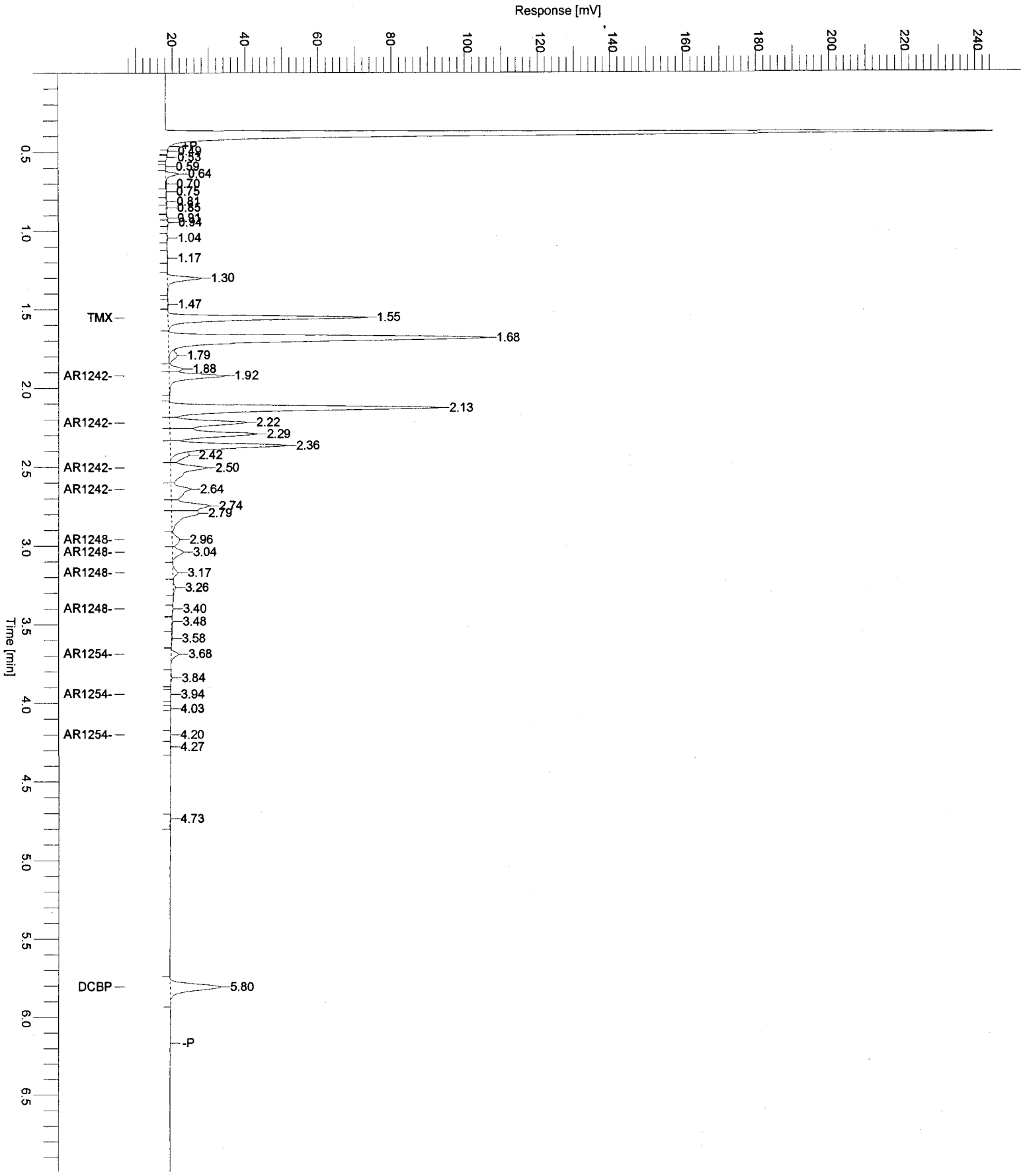
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	3.74		0	AR1254-A	0.0000	-------	-
27	3.81	BB	1809	AR1254-B	0.0027	6.9e-04	4
-	4.36		0	AR1254-C	0.0000	-------	-
-	4.56		0	AR1254-D	0.0000	-------	-
			1809			6.9e-04	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	4.85		0	AR1260-A	0.0000	-------	-
-	5.06		0	AR1260-B	0.0000	-------	-
-	5.37		0	AR1260-C	0.0000	-------	-
-	5.50		0	AR1260-D	0.0000	-------	-
			0			0.0000	

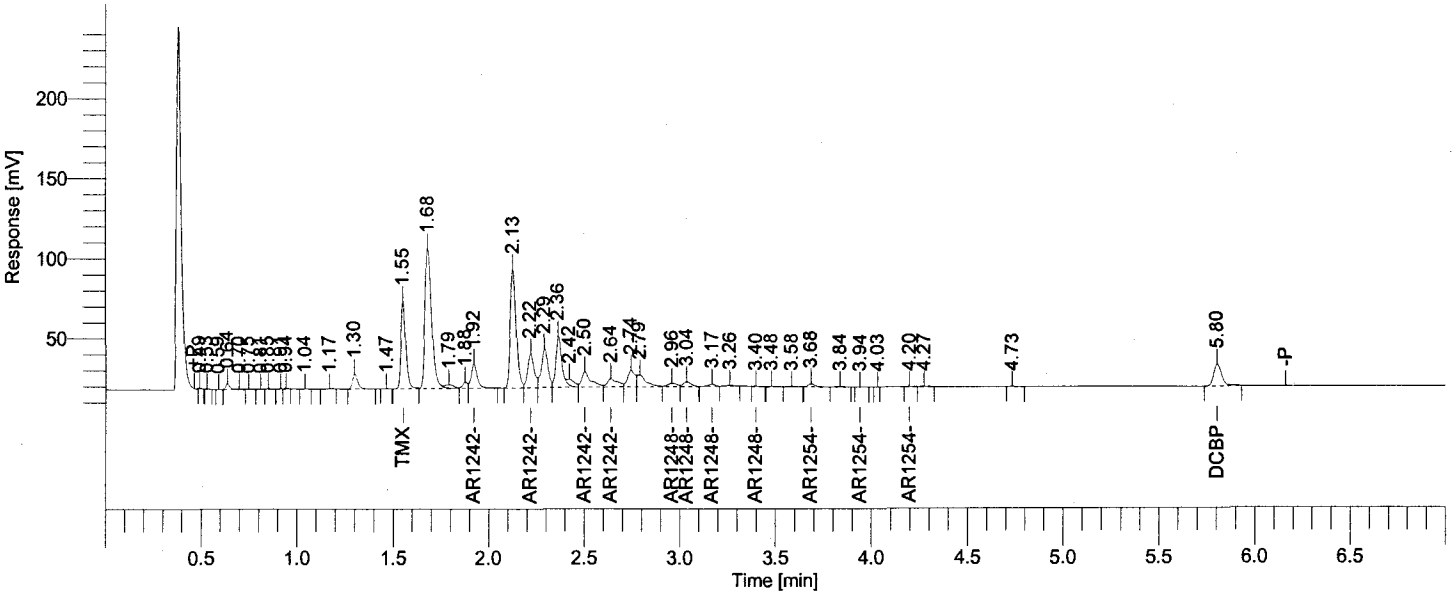
Chromatogram

Sample Name : AW60032454 Sample #: A6B30508 Page 1 of 1
FileName : H:\TURBO6\5890-19\19B72167.raw
Date : 10/05/2006 07:55:28
Method : SDPCBINS Time of Injection: 10/05/2006 01:04:44
Start Time : 0.00 min End Time : 7.00 min Low Point : 6.74 mV High Point : 244.95 mV
Scale Factor: 1.0 Plot Offset: 6.74 mV Plot Scale: 238.2 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 07:55:27
Reprocess Number	: buf2042: 123134		
Operator	: tchrom	Sample Name	: AW60032454
Sample Number	: A6B30508	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/05/2006 01:04:44	Cycle	: 24

Raw Data File : H:\TURBO6\5890-19\19B72167.raw <Modified>
Result File : H:\TURBO6\5890-19\19B72167.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B72167.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B72167.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(09-25-06).mth from H:\TURBO6\5890-19\19B72167.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
15	1.55	BV	96437	TMX	0.0168	-------	0
	2.22		133459	AR1242	0.1619	0.0405	4
	3.04		19302	AR1248	0.0177	0.0044	4
43	5.80	BB	39560	DCBP	0.0063	-------	0
			288758			0.0449	

10-6-06

10/05/2006 07:55:27 Result: H:\TURBO6\5890-19\19B72167.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
19	1.92	VB	32828	AR1242-A	0.3300	0.0825	4
21	2.22	VV	49417	AR1242-B	0.2451	0.0613	4
25	2.50	VV	31838	AR1242-C	0.0878	0.0219	4
26	2.64	VV	19376	AR1242-D	0.1205	0.0301	4
			133459			0.1958	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
29	2.96	VV	7200	AR1248-A	0.0269	0.0067	4
30	3.04	VB	8301	AR1248-B	0.0351	0.0088	4
31	3.17	BV	3392	AR1248-C	0.0097	0.0024	4
33	3.40	BB	409	AR1248-D	0.0017	4.3e-04	4
			19302			0.0183	

10-6-06

Group Report For : AR1254

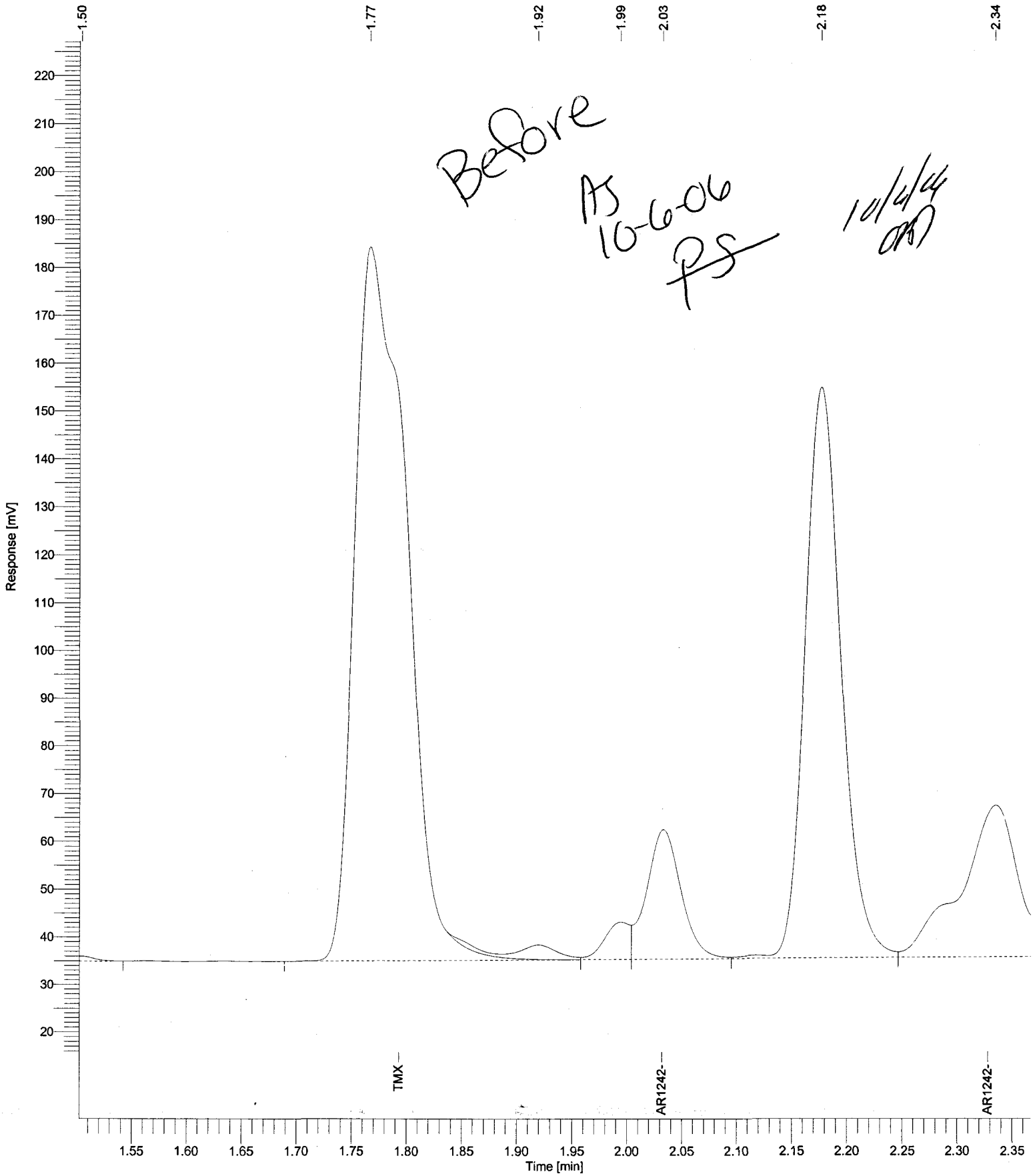
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
36	3.68	BV	4438	AR1254-A	0.0096	0.0024	4
38	3.94	BB	193	AR1254-B	8.2e-04	2.1e-04	4
-	4.11		0	AR1254-C	0.0000	-------	-
40	4.20	BV	186	AR1254-D	4.7e-04	1.2e-04	4
			4817			0.0027	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	4.51		0	AR1260-A	0.0000	-------	-
-	4.65		0	AR1260-B	0.0000	-------	-
-	5.32		0	AR1260-C	0.0000	-------	-
-	5.57		0	AR1260-D	0.0000	-------	-
			0			0.0000	

Chromatogram

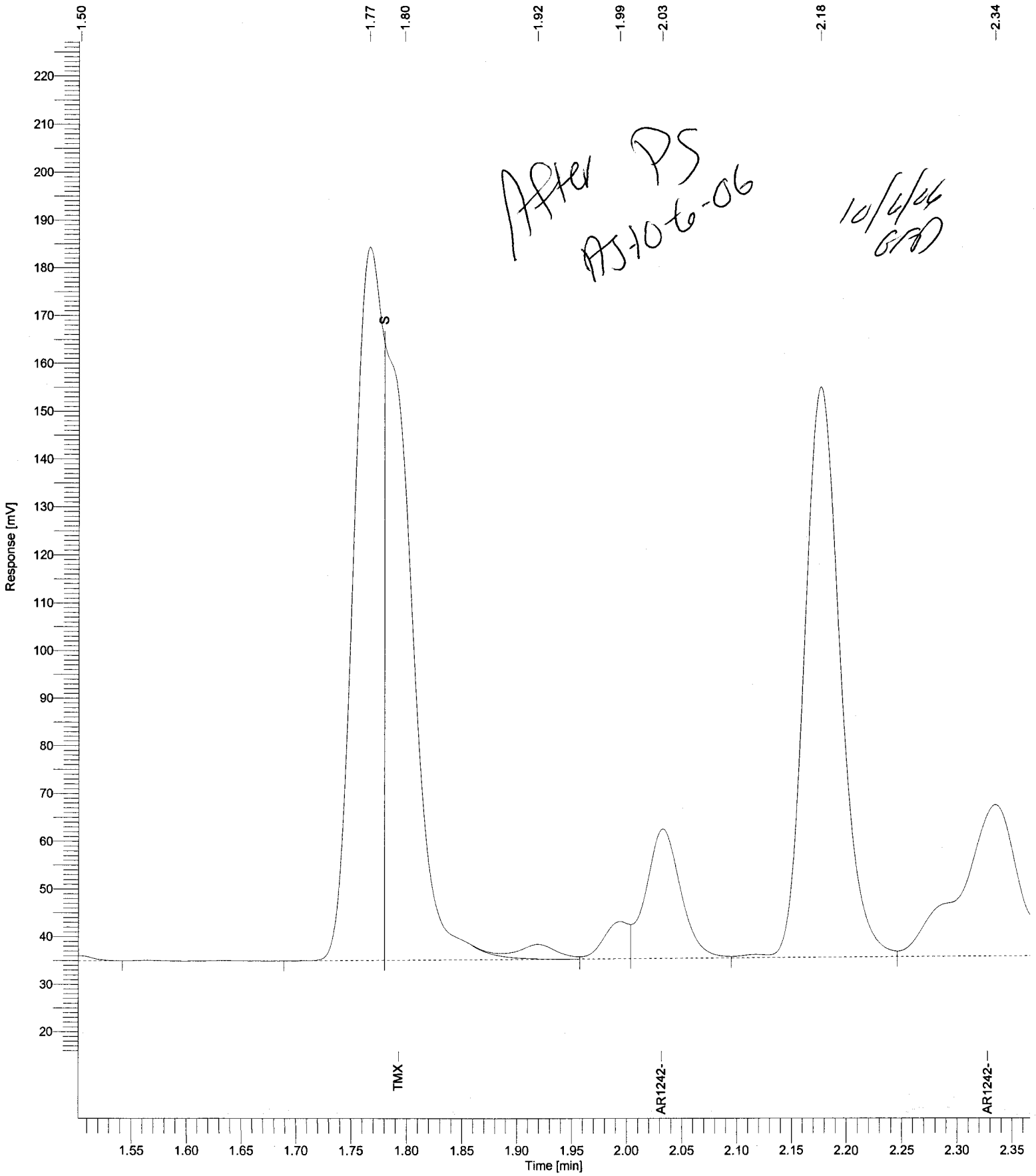
Sample Name : AW60032454 Sample #: A6B30508 Page 1 of 1
FileName : H:\TURBO6\5890-19\19A72167.raw
Date : 10/06/2006 13:55:51
Method : Time of Injection: 10/05/2006 01:04:44
Start Time : 1.50 min End Time : 2.37 min Low Point : 15.90 mV High Point : 227.16 mV
Plot Offset: 15.90 mV Plot Scale: 211.3 mV



Before
AS 10-6-06
PS
10/4/06

Chromatogram

Sample Name : AW60032454 Sample #: A6B30508 Page 1 of 1
FileName : H:\TURBO6\5890-19\19A72167.raw
Date : 10/06/2006 13:54:32
Method : Time of Injection: 10/05/2006 01:04:44
Start Time : 1.50 min End Time : 2.37 min Low Point : 15.90 mV High Point : 227.16 mV
Plot Offset: 15.90 mV Plot Scale: 211.3 mV



METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MPI-05-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B30514

Sample wt/vol: 1055.00 (g/mL) ML Lab File ID: 19A72173.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 09/28/2006 09/29/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 10/04/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/05/2006

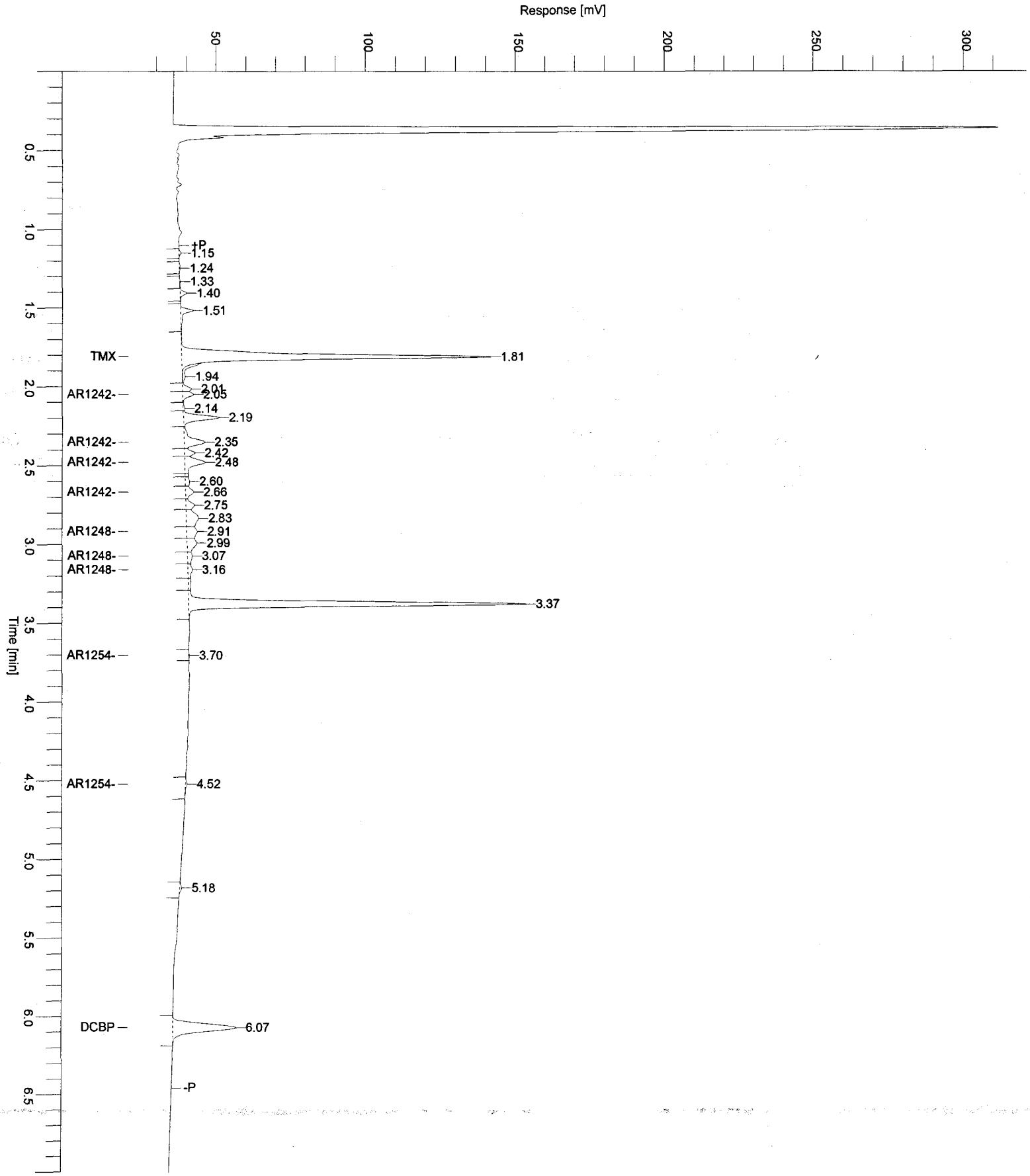
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.47	U
11104-28-2	Aroclor 1221	0.47	U
11141-16-5	Aroclor 1232	0.47	U
53469-21-9	Aroclor 1242	0.44	J
12672-29-6	Aroclor 1248	0.47	U
11097-69-1	Aroclor 1254	0.47	U
11096-82-5	Aroclor 1260	0.47	U

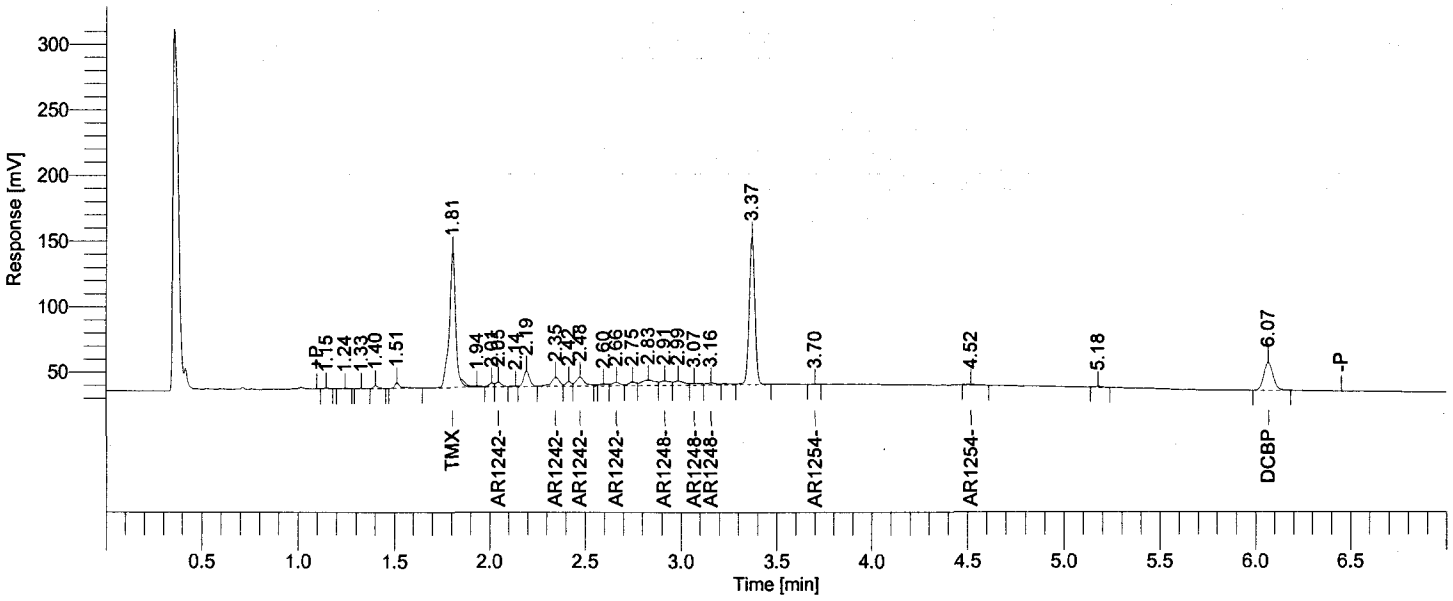
Chromatogram

Sample Name : AW60032460 Sample #: A6B30514 Page 1 of 1
FileName : H:\TURBO6\5890-19\19A72173.raw
Date : 10/05/2006 09:36:48
Method : SDPCBINS Time of Injection: 10/05/2006 07:53:42
Start Time : 0.00 min End Time : 7.00 min Low Point : 20.65 mV High Point : 311.81 mV
Scale Factor: 1.0 Plot Offset: 20.65 mV Plot Scale: 291.2 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 09:36:47
Reprocess Number	: buf2042: 123163		
Operator	: tchrom	Sample Name	: AW60032460
Sample Number	: A6B30514	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/05/2006 07:53:42	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19A72173.raw <Modified>
Result File : H:\TURBO6\5890-19\19A72173.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A72173.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A72173.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(09-25-06).mth from H:\TURBO6\5890-19\19A72173.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
6	1.81	VE	242259	TMX	0.0212	------	0
	2.48		58304	AR1242	0.0382	0.0095	4
	2.91		25442	AR1248	0.0185	0.0046	4
27	6.07	BB	71855	DCBP	0.0084	------	0
			397859			0.0142	

10-26-06

10/05/2006 09:36:47 Result: H:\TURBO6\5890-19\19A72173.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
9	2.05	VV	7807	AR1242-A	0.0378	0.0094	4
12	2.35	VV	21293	AR1242-B	0.0509	0.0127	4
14	2.48	VV	21106	AR1242-C	0.0855	0.0214	4
16	2.66	VV	8097	AR1242-D	0.0124	0.0031	4
			58304			0.0466	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
19	2.91	VV	13486	AR1248-A	0.0431	0.0108	4
21	3.07	VV	5927	AR1248-B	0.0115	0.0029	4
22	3.16	VV	6029	AR1248-C	0.0146	0.0036	4
-	3.21		0	AR1248-D	0.0000	-------	-
			25442			0.0173	

10-6-06

Group Report For : AR1254

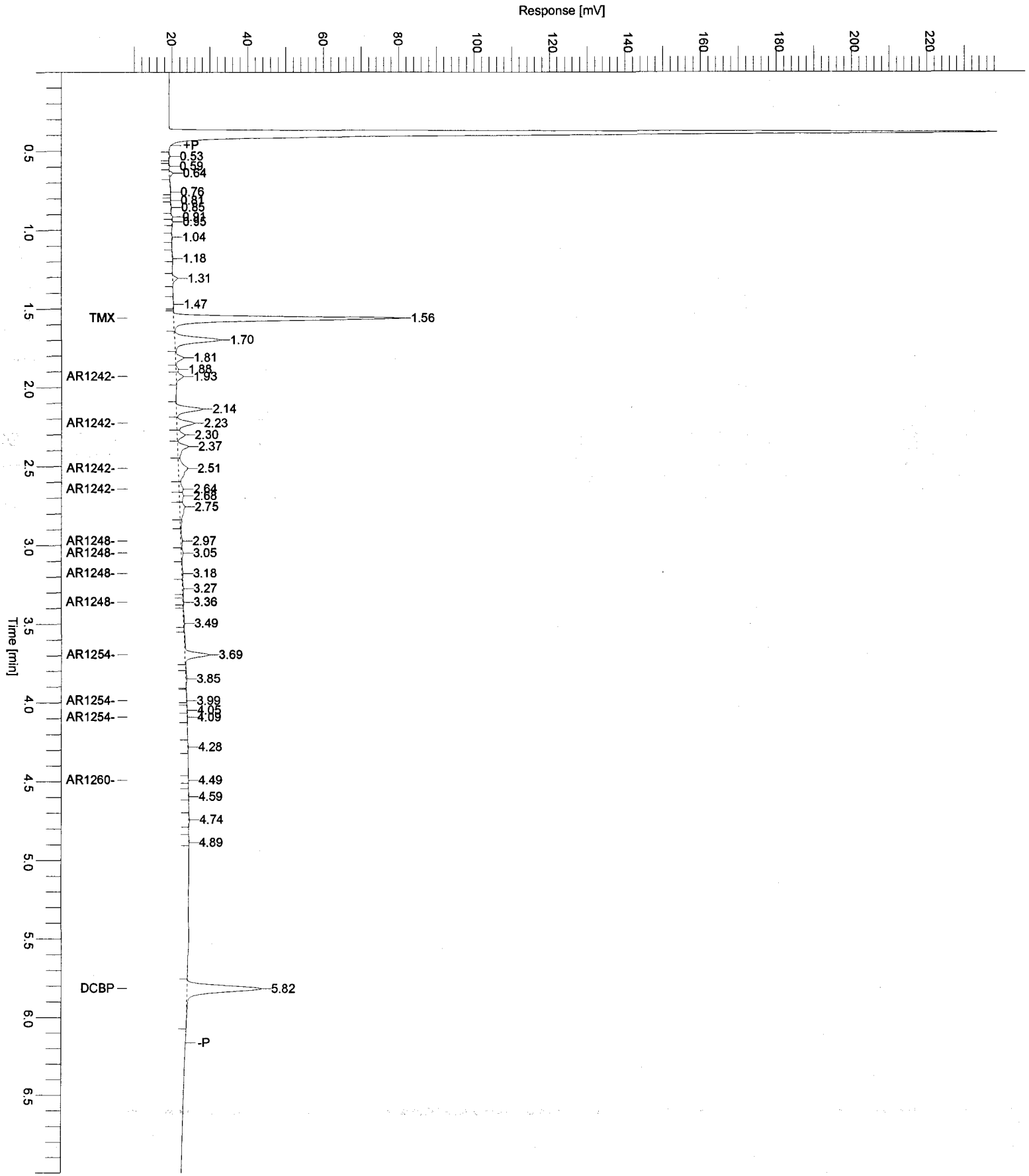
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
24	3.70	BB	424	AR1254-A	6.5e-04	1.6e-04	4
-	3.81		0	AR1254-B	0.0000	-------	-
-	4.36		0	AR1254-C	0.0000	-------	-
25	4.52	BB	1612	AR1254-D	0.0068	0.0017	4
			2035			0.0019	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	4.85		0	AR1260-A	0.0000	-------	-
-	5.06		0	AR1260-B	0.0000	-------	-
-	5.37		0	AR1260-C	0.0000	-------	-
-	5.50		0	AR1260-D	0.0000	-------	-
			0			0.0000	

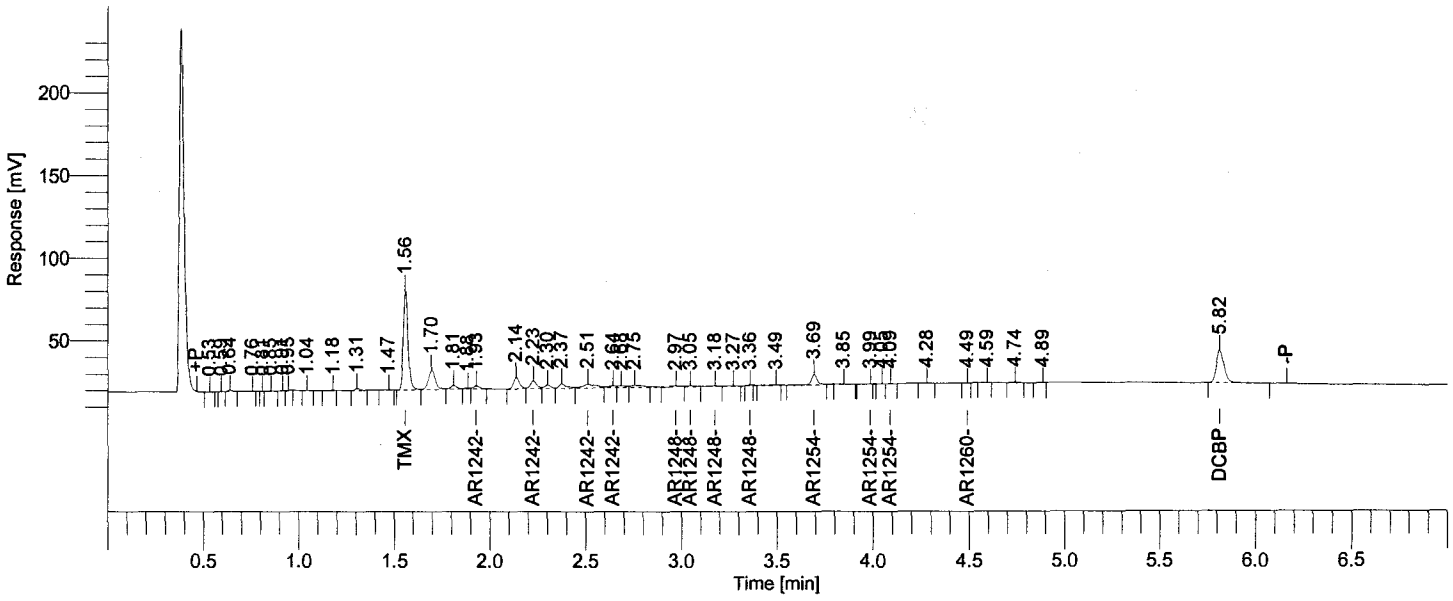
Chromatogram

Sample Name : AW60032460 Sample #: A6B30514 Page 1 of 1
FileName : H:\TURBO6\5890-19\19B72173.raw
Date : 10/05/2006 09:36:52
Method : SDPCBINS Time of Injection: 10/05/2006 07:53:42
Start Time : 0.00 min End Time : 7.00 min Low Point : 8.14 mV High Point : 238.75 mV
Scale Factor: 1.0 Plot Offset: 8.14 mV Plot Scale: 230.6 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 09:36:50
Reprocess Number	: buf2042: 123164		
Operator	: tchrom	Sample Name	: AW60032460
Sample Number	: A6B30514	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/05/2006 07:53:42	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19B72173.raw <Modified>
Result File : H:\TURBO6\5890-19\19B72173.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B72173.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B72173.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(09-25-06).mth from H:\TURBO6\5890-19\19B72173.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
13	1.56	BV	106225	TMX	0.0187	-------	0
	2.23		29806	AR1242	0.0361	0.0090	4
	3.05		5571	AR1248	0.0051	0.0013	4
	3.69		14518	AR1254	0.0097	0.0024	4
42	5.82	BB	55572	DCBP	0.0095	-------	0
			211693			0.0127	

AS 10-6-06

10/05/2006 09:36:50 Result: H:\TURBO6\5890-19\19B72173.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
17	1.93	VB	3990	AR1242-A	0.0401	0.0100	4
19	2.23	VV	10564	AR1242-B	0.0524	0.0131	4
22	2.51	VV	11937	AR1242-C	0.0329	0.0082	4
23	2.64	VV	3315	AR1242-D	0.0206	0.0052	4
			29806			0.0365	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
26	2.97	VV	2034	AR1248-A	0.0076	0.0019	4
27	3.05	VV	1676	AR1248-B	0.0071	0.0018	4
28	3.18	VV	1277	AR1248-C	0.0036	9.1e-04	4
30	3.36	VV	585	AR1248-D	0.0025	6.2e-04	4
			5571			0.0052	

10-6-06

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
32	3.69	VV	14035	AR1254-A	0.0303	0.0076	4
34	3.99	BV	253	AR1254-B	0.0011	2.7e-04	4
36	4.09	VB	230	AR1254-C	5.7e-04	1.4e-04	4
-	4.22		0	AR1254-D	0.0000	-------	-
			14518			0.0080	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
38	4.49	BB	60	AR1260-A	-0.0200	-5e-03	4
-	4.65		0	AR1260-B	0.0000	-------	-
-	5.32		0	AR1260-C	0.0000	-------	-
-	5.57		0	AR1260-D	0.0000	-------	-
			60			-5e-03	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MPI-06-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B30509

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 19A72168.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 09/28/2006 09/29/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 10/04/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/05/2006

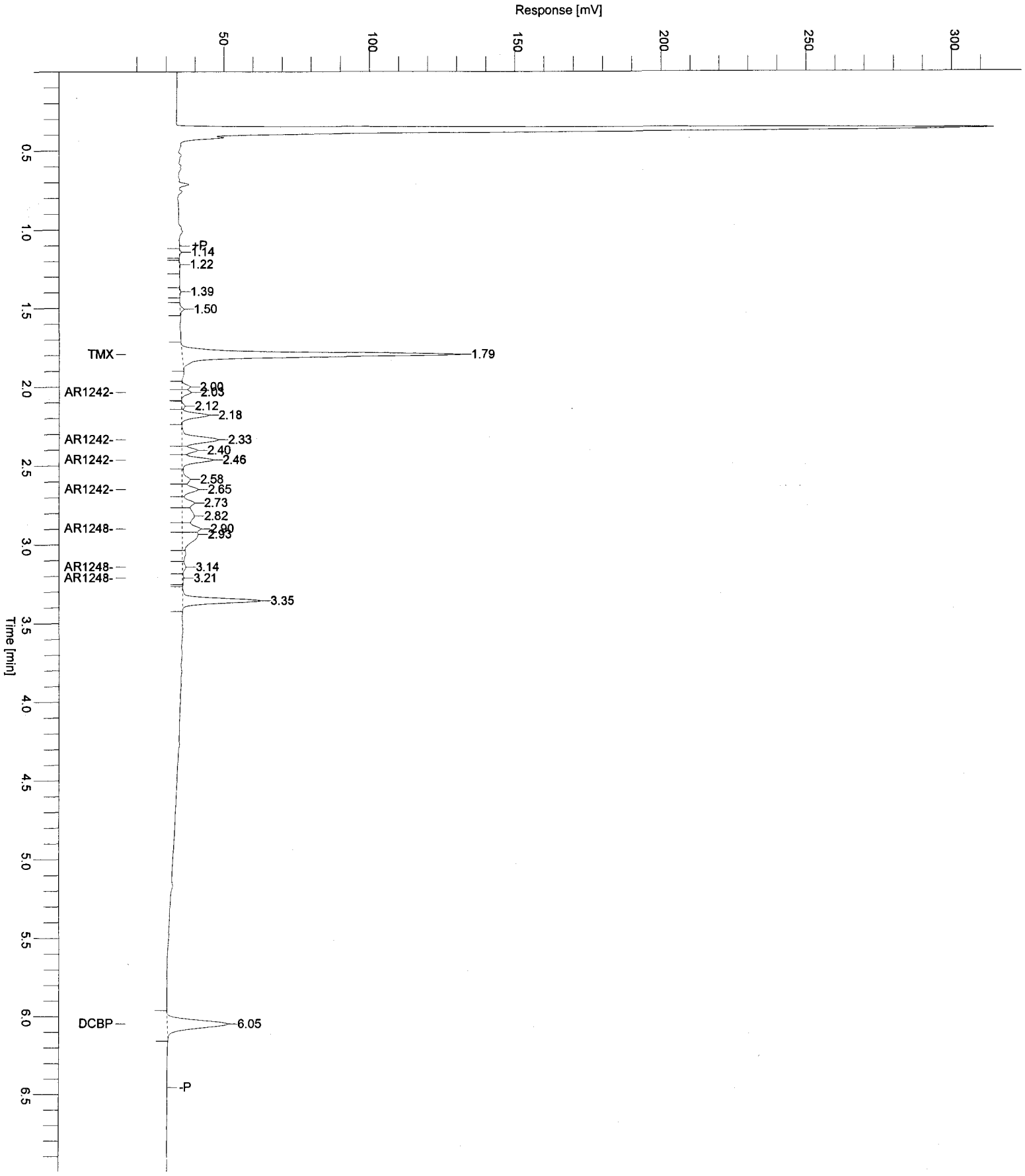
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.56	
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

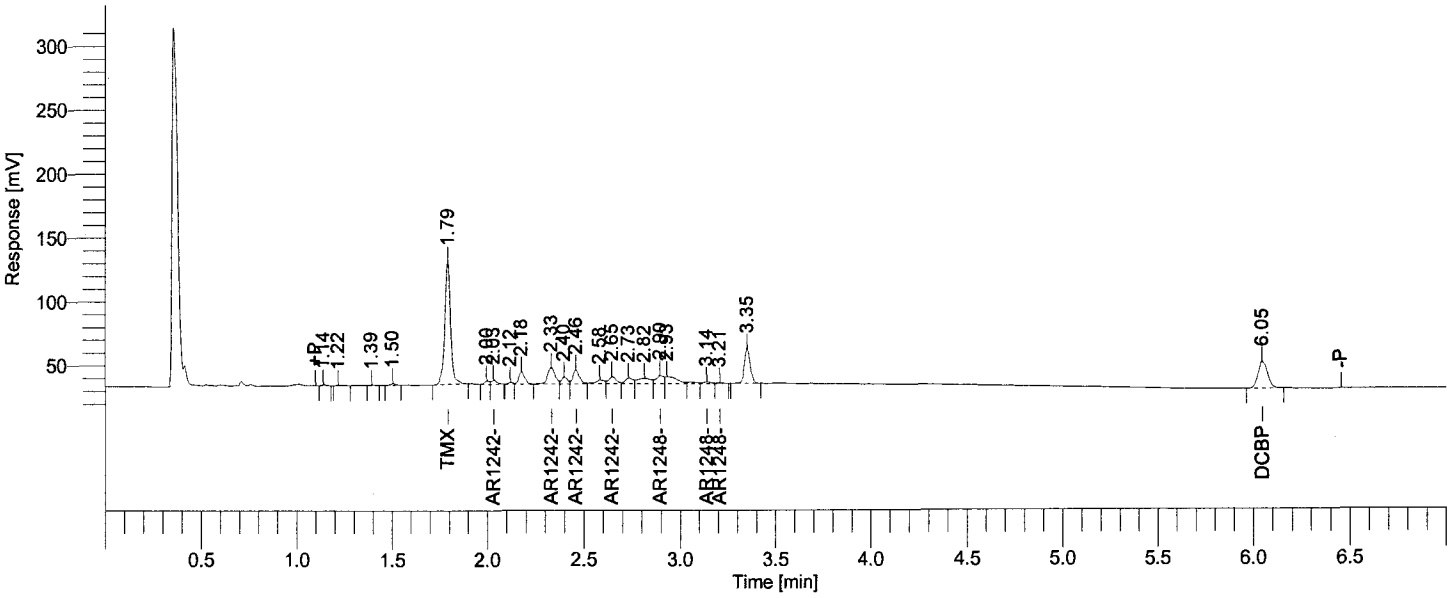
Chromatogram

Sample Name : AW60032455 Sample #: A6B30509 Page 1 of 1
FileName : H:\TURBO6\5890-19\19A72168.raw
Date : 10/05/2006 07:55:31
Method : SDPCBINS Time of Injection: 10/05/2006 01:24:02
Start Time : 0.00 min End Time : 7.00 min Low Point : 16.08 mV High Point : 314.48 mV
Scale Factor: 1.0 Plot Offset: 16.08 mV Plot Scale: 298.4 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 07:55:30
Reprocess Number	: buf2042: 123135		
Operator	: tchrom	Sample Name	: AW60032455
Sample Number	: A6B30509	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/05/2006 01:24:02	Cycle	: 25

Raw Data File : H:\TURBO6\5890-19\19A72168.raw <Modified>
Result File : H:\TURBO6\5890-19\19A72168.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A72168.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A72168.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(09-25-06).mth from H:\TURBO6\5890-19\19A72168.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
5	1.79	BB	201429	TMX	0.0172	-------	0
	2.33		80325	AR1242	0.0526	0.0132	4
	2.90		22340	AR1248	0.0162	0.0041	4
22	6.05	BB	70983	DCBP	0.0083	-------	0
			375078			0.0172	

10-6-06

10/05/2006 07:55:30 Result: H:\TURBO6\5890-19\19A72168.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
7	2.03	VB	6437	AR1242-A	0.0312	0.0078	4
10	2.33	VV	34656	AR1242-B	0.0829	0.0207	4
12	2.46	VV	24572	AR1242-C	0.0996	0.0249	4
14	2.65	VV	14660	AR1242-D	0.0224	0.0056	4
			80325			0.0590	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
17	2.90	VV	17652	AR1248-A	0.0564	0.0141	4
-	3.06		0	AR1248-B	0.0000	-------	-
19	3.14	VV	3441	AR1248-C	0.0083	0.0021	4
20	3.21	VV	1247	AR1248-D	0.0092	0.0023	4
			22340			0.0185	

10-6-06

Group Report For : AR1254

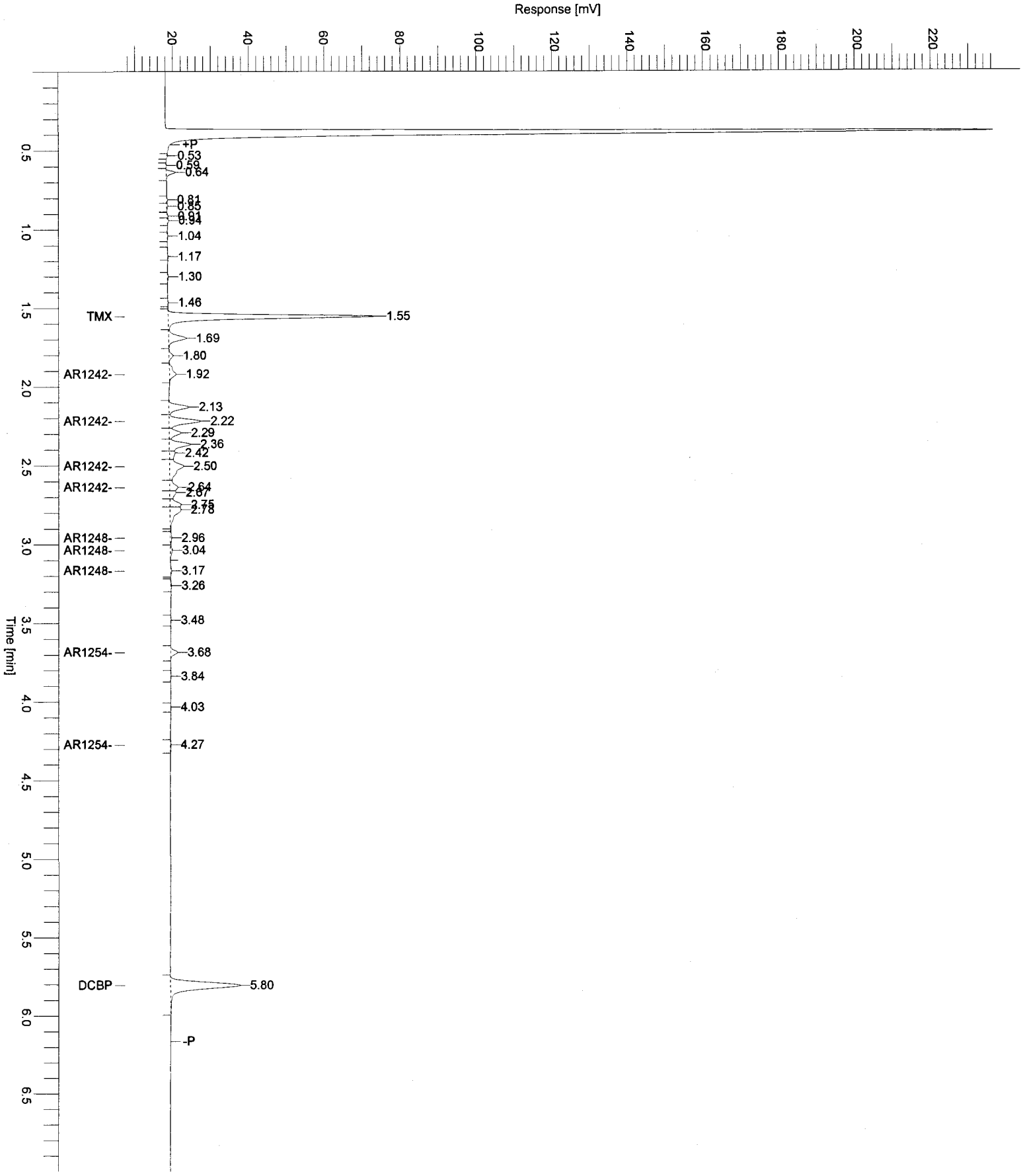
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	3.74		0	AR1254-A	0.0000	-------	-
-	3.81		0	AR1254-B	0.0000	-------	-
-	4.36		0	AR1254-C	0.0000	-------	-
-	4.56		0	AR1254-D	0.0000	-------	-
			0			0.0000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	4.85		0	AR1260-A	0.0000	-------	-
-	5.06		0	AR1260-B	0.0000	-------	-
-	5.37		0	AR1260-C	0.0000	-------	-
-	5.50		0	AR1260-D	0.0000	-------	-
			0			0.0000	

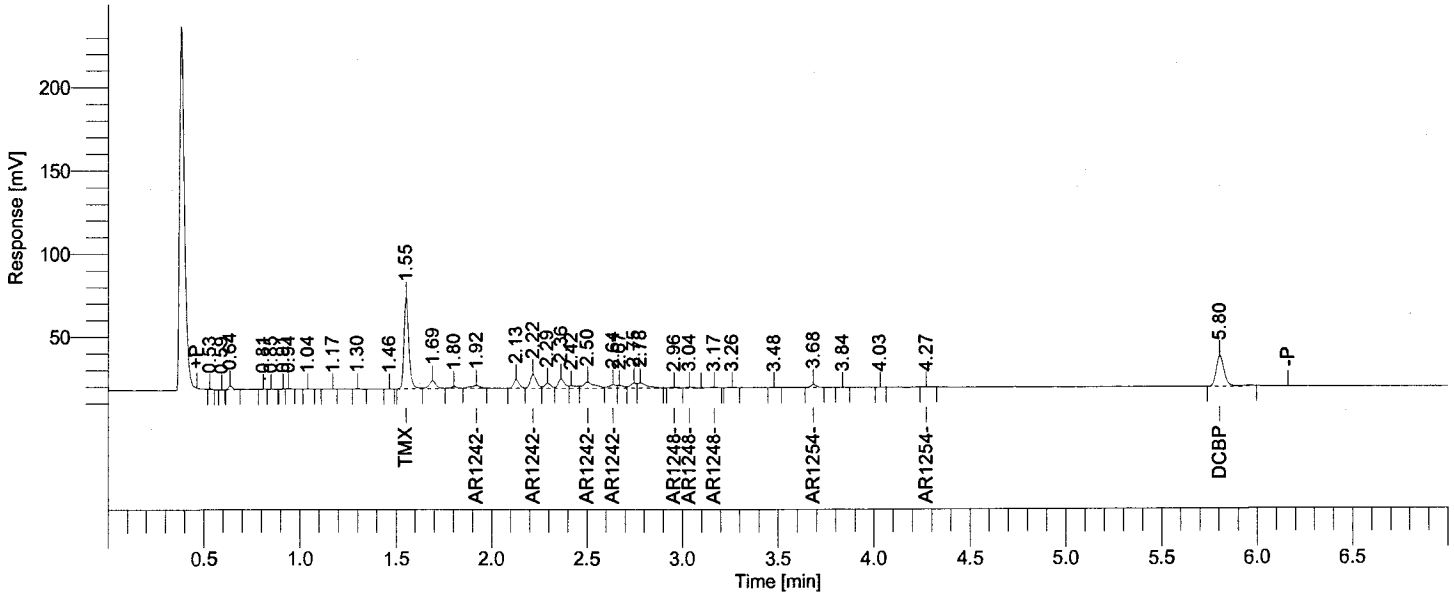
Chromatogram

Sample Name : AW60032455 Sample #: A6B30509 Page 1 of 1
FileName : H:\TURBO6\5890-19\19B72168.raw
Date : 10/05/2006 07:55:35
Method : SDPCBINS Time of Injection: 10/05/2006 01:24:02
Start Time : 0.00 min End Time : 7.00 min Low Point : 7.10 mV High Point : 236.42 mV
Scale Factor: 1.0 Plot Offset: 7.10 mV Plot Scale: 229.3 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 07:55:33
Reprocess Number	: buf2042: 123136		
Operator	: tchrom	Sample Name	: AW60032455
Sample Number	: A6B30509	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/05/2006 01:24:02	Cycle	: 25

Raw Data File : H:\TURBO6\5890-19\19B72168.raw <Modified>
Result File : H:\TURBO6\5890-19\19B72168.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B72168.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B72168.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(09-25-06).mth from H:\TURBO6\5890-19\19B72168.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
12	1.55	BV	97831	TMX	0.0171	-------	0
	2.22		45212	AR1242	0.0548	0.0137	4
35	5.80	BB	54084	DCBP	0.0092	-------	0
			197127			0.0137	

10-6-06

10/05/2006 07:55:33 Result: H:\TURBO6\5890-19\19B72168.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
15	1.92	BB	5508	AR1242-A	0.0554	0.0138	4
17	2.22	VV	18805	AR1242-B	0.0933	0.0233	4
21	2.50	VV	15157	AR1242-C	0.0418	0.0104	4
22	2.64	VV	5742	AR1242-D	0.0357	0.0089	4
			45212			0.0565	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
26	2.96	VV	1473	AR1248-A	0.0055	0.0014	4
27	3.04	VV	1497	AR1248-B	0.0063	0.0016	4
28	3.17	VB	789	AR1248-C	0.0023	5.6e-04	4
-	3.40		0	AR1248-D	0.0000	-------	-
			3759			0.0035	

VP 10-6-06

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
31	3.68	BB	3685	AR1254-A	0.0079	0.0020	4
-	3.94		0	AR1254-B	0.0000	-------	-
-	4.11		0	AR1254-C	0.0000	-------	-
34	4.27	BB	239	AR1254-D	6.1e-04	1.5e-04	4
			3924			0.0021	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	4.51		0	AR1260-A	0.0000	-------	-
-	4.65		0	AR1260-B	0.0000	-------	-
-	5.32		0	AR1260-C	0.0000	-------	-
-	5.57		0	AR1260-D	0.0000	-------	-
			0			0.0000	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-01-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B30506

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 19A72163.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 09/28/2006 09/29/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 10/04/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/04/2006

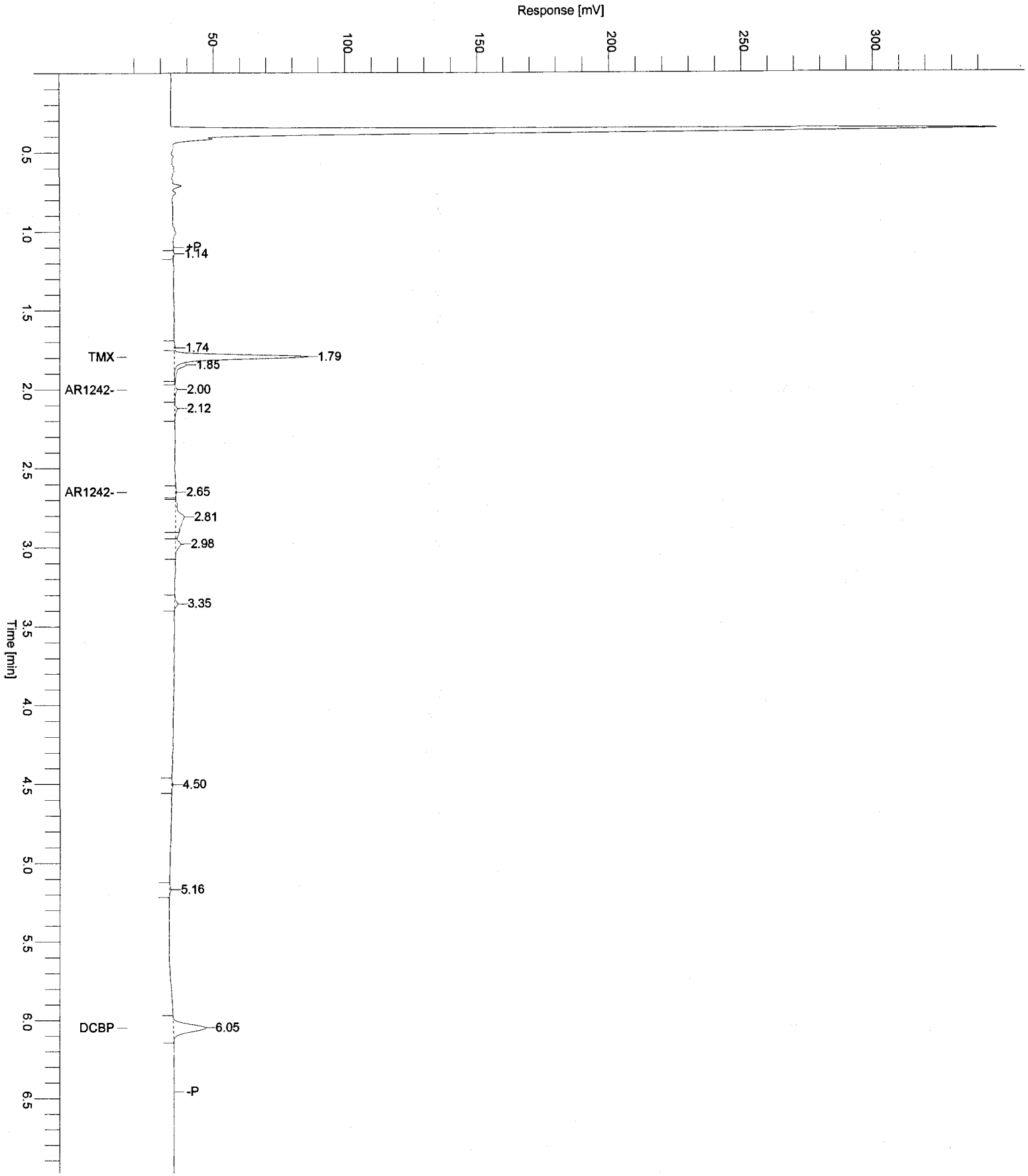
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.50	U
11104-28-2	Aroclor 1221	0.50	U
11141-16-5	Aroclor 1232	0.50	U
53469-21-9	Aroclor 1242	0.50	U
12672-29-6	Aroclor 1248	0.50	U
11097-69-1	Aroclor 1254	0.50	U
11096-82-5	Aroclor 1260	0.50	U

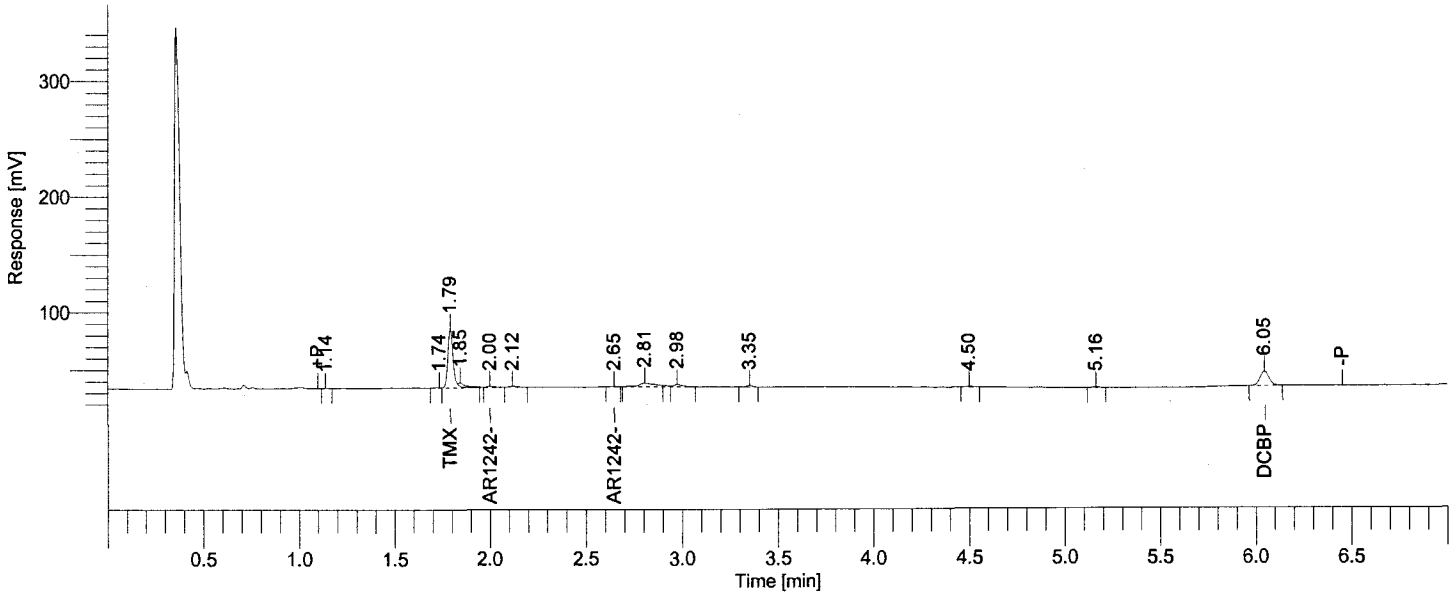
Chromatogram

Sample Name : AW60032452 Sample #: A6B30506 Page 1 of 1
FileName : H:\TURBO6\5890-19\19A72163.raw
Date : 10/05/2006 07:54:56
Method : SDPCBINS Time of Injection: 10/04/2006 23:48:01
Start Time : 0.00 min End Time : 7.00 min Low Point : 16.98 mV High Point : 347.13 mV
Scale Factor: 1.0 Plot Offset: 16.98 mV Plot Scale: 330.1 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 07:54:54
Reprocess Number	: buf2042: 123125		
Operator	: tchrom	Sample Name	: AW60032452
Sample Number	: A6B30506	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/04/2006 23:48:01	Cycle	: 20

Raw Data File : H:\TURBO6\5890-19\19A72163.raw <Modified>
Result File : H:\TURBO6\5890-19\19A72163.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A72163.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A72163.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(09-25-06).mth from H:\TURBO6\5890-19\19A72163.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
3	1.79	VE	100008	TMX	0.0075	-------	0
13	6.05	BB	40511	DCBP	0.0040	-------	0
			140519			0.0000	

PS 10-6-06

10/05/2006 07:54:54 Result: H:\TURBO6\5890-19\19A72163.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
5	2.00	VV	2408	AR1242-A	0.0117	0.0029	4
-	2.33		0	AR1242-B	0.0000	-------	-
-	2.46		0	AR1242-C	0.0000	-------	-
7	2.65	BB	859	AR1242-D	0.0013	3.3e-04	4
			3267			0.0032	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	2.90		0	AR1248-A	0.0000	-------	-
-	3.06		0	AR1248-B	0.0000	-------	-
-	3.14		0	AR1248-C	0.0000	-------	-
-	3.21		0	AR1248-D	0.0000	-------	-
			0			0.0000	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	3.74		0	AR1254-A	0.0000	-------	-
-	3.81		0	AR1254-B	0.0000	-------	-
-	4.36		0	AR1254-C	0.0000	-------	-
-	4.56		0	AR1254-D	0.0000	-------	-
			0			0.0000	

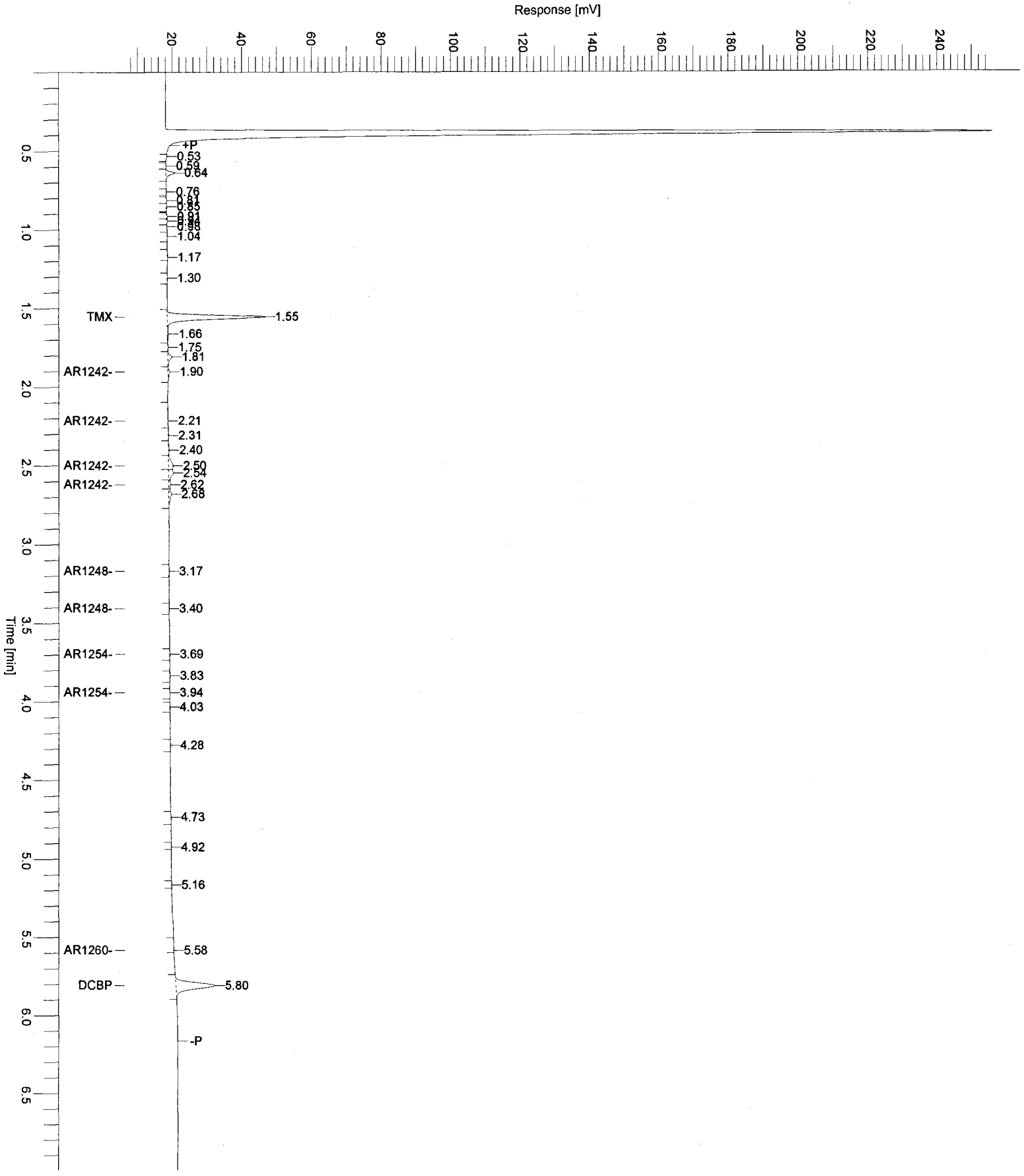
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	4.85		0	AR1260-A	0.0000	-------	-
-	5.06		0	AR1260-B	0.0000	-------	-
-	5.37		0	AR1260-C	0.0000	-------	-
-	5.50		0	AR1260-D	0.0000	-------	-
			0			0.0000	

10.6-06

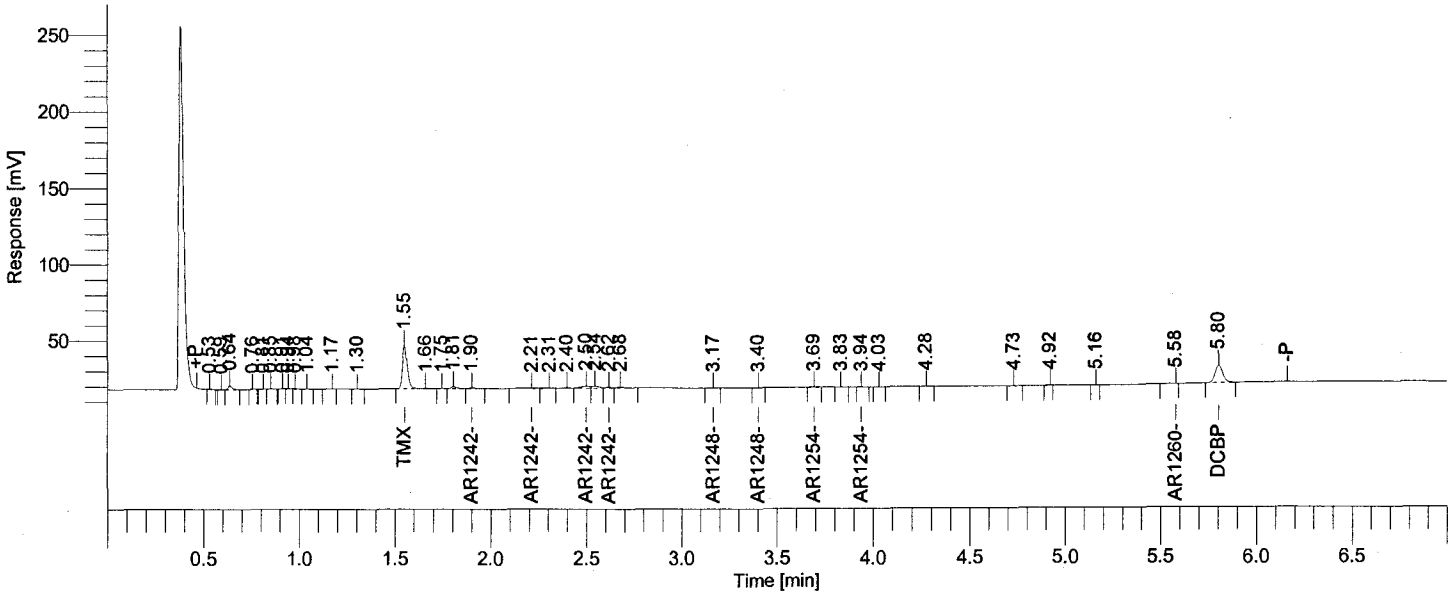
Chromatogram

Sample Name : AW60032452 Sample #: A6B30506 Page 1 of 1
FileName : H:\TURBO6\5890-19\19B72163.raw
Date : 10/05/2006 07:55:00
Method : SDPCBINS Time of Injection: 10/04/2006 23:48:01
Start Time : 0.00 min End Time : 7.00 min Low Point : 6.17 mV High Point : 255.86 mV
Scale Factor: 1.0 Plot Offset: 6.17 mV Plot Scale: 249.7 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 07:54:58
Reprocess Number	: buf2042: 123126		
Operator	: tchrom	Sample Name	: AW60032452
Sample Number	: A6B30506	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/04/2006 23:48:01	Cycle	: 20

Raw Data File : H:\TURBO6\5890-19\19B72163.raw <Modified>
Result File : H:\TURBO6\5890-19\19B72163.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B72163.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B72163.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(09-25-06).mth from H:\TURBO6\5890-19\19B72163.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
13	1.55	BE	49487	TMX	0.0082	-------	0
	2.50		7897	~~AR1242~~	~~0.0096~~	0.0024	4
36	5.80	BB	30944	DCBP	0.0046	-------	0
			88328			0.0024	

10-6-06

10/05/2006 07:54:58 Result: H:\TURBO6\5890-19\19B72163.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
17	1.90	VB	1227	AR1242-A	0.0123	0.0031	4
18	2.21	BV	651	AR1242-B	0.0032	8.1e-04	4
21	2.50	VV	4382	AR1242-C	0.0121	0.0030	4
23	2.62	VV	1636	AR1242-D	0.0102	0.0025	4
			7897			0.0095	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	2.95		0	AR1248-A	0.0000	-------	-
-	3.05		0	AR1248-B	0.0000	-------	-
25	3.17	BB	265	AR1248-C	7.6e-04	1.9e-04	4
26	3.40	BB	128	AR1248-D	5.4e-04	1.4e-04	4
			393			3.3e-04	

PJ 10-6-06

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
27	3.69	BB	192	AR1254-A	4.1e-04	1.0e-04	4
29	3.94	BB	113	AR1254-B	4.8e-04	1.2e-04	4
-	4.11		0	AR1254-C	0.0000	-------	-
-	4.22		0	AR1254-D	0.0000	-------	-
			305			2.2e-04	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	4.51		0	AR1260-A	0.0000	-------	-
-	4.65		0	AR1260-B	0.0000	-------	-
-	5.32		0	AR1260-C	0.0000	-------	-
35	5.58	BB	111	AR1260-D	0.0089	0.0022	4
			111			0.0022	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-02-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B30504

Sample wt/vol: 1030.00 (g/mL) ML Lab File ID: 19A72159.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 09/27/2006 09/29/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 10/04/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/04/2006

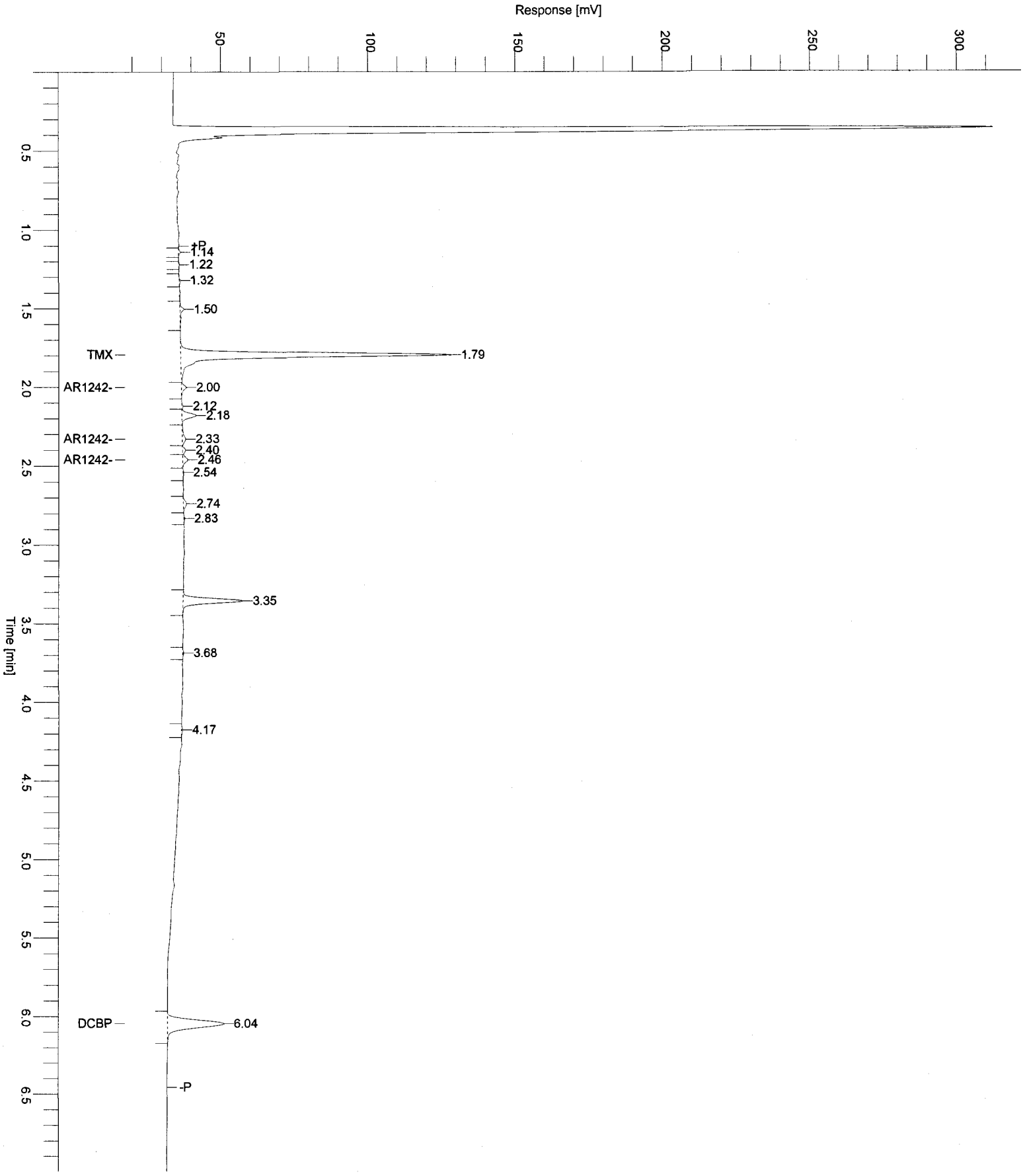
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

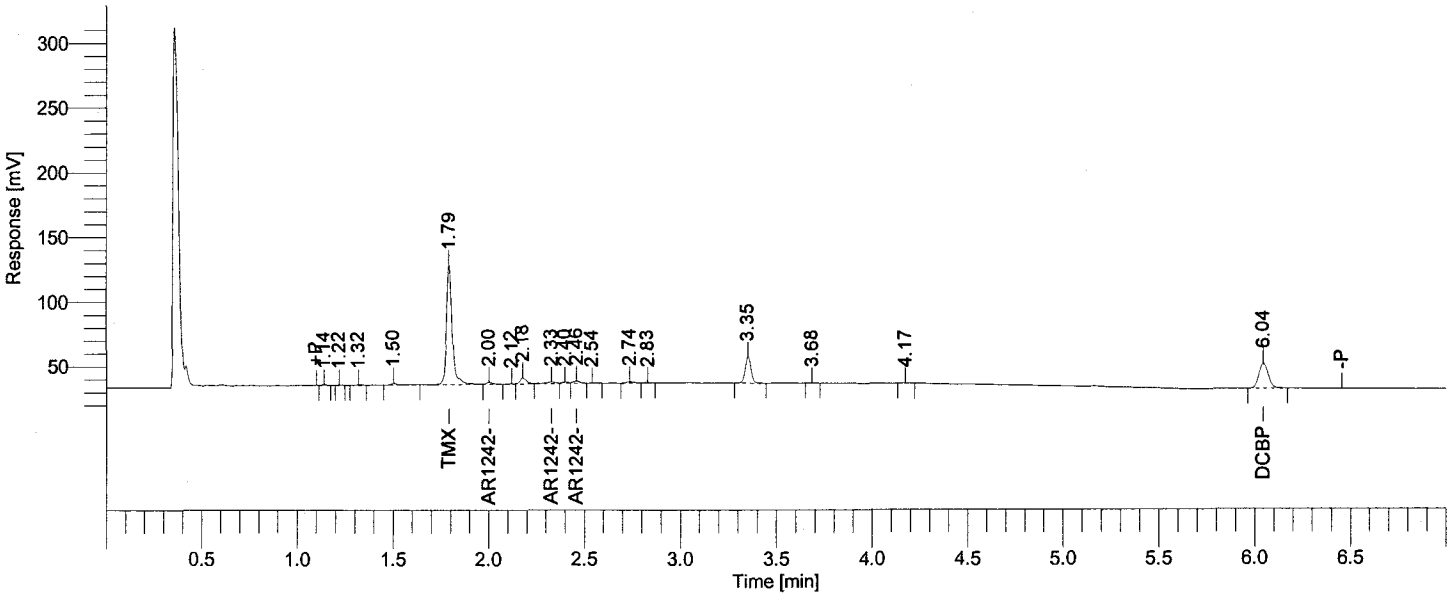
Chromatogram

Sample Name : AW60032448 Sample #: A6B30504 Page 1 of 1
FileName : H:\TURBO6\5890-19\19A72159.raw
Date : 10/05/2006 07:54:22
Method : SDPCBINS Time of Injection: 10/04/2006 22:30:56
Start Time : 0.00 min End Time : 7.00 min Low Point : 17.48 mV High Point : 312.39 mV
Scale Factor: 1.0 Plot Offset: 17.48 mV Plot Scale: 294.9 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 07:54:21
Reprocess Number	: buf2042: 123117		
Operator	: tchrom	Sample Name	: AW60032448
Sample Number	: A6B30504	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/04/2006 22:30:56	Cycle	: 16

Raw Data File : H:\TURBO6\5890-19\19A72159.raw <Modified>
Result File : H:\TURBO6\5890-19\19A72159.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A72159.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A72159.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(09-25-06).mth from H:\TURBO6\5890-19\19A72159.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
5	1.79	VV	194119	TMX	0.0165	-------	0
	2.46		12060	AR1242	0.0079	0.0020	4
18	6.04	BB	65153	DCBP	0.0074	-------	0
			271333			0.0020	

PS 10-6-06

10/05/2006 07:54:21 Result: H:\TURBO6\5890-19\19A72159.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
6	2.00	VV	3918	AR1242-A	0.0190	0.0047	4
9	2.33	VV	3993	AR1242-B	0.0095	0.0024	4
11	2.46	VV	4150	AR1242-C	0.0168	0.0042	4
-	2.65		0	AR1242-D	0.0000	-------	-
			12060			0.0113	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	2.90		0	AR1248-A	0.0000	-------	-
-	3.06		0	AR1248-B	0.0000	-------	-
-	3.14		0	AR1248-C	0.0000	-------	-
-	3.21		0	AR1248-D	0.0000	-------	-
			0			0.0000	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	3.74		0	AR1254-A	0.0000	-------	-
-	3.81		0	AR1254-B	0.0000	-------	-
-	4.36		0	AR1254-C	0.0000	-------	-
-	4.56		0	AR1254-D	0.0000	-------	-
			0			0.0000	

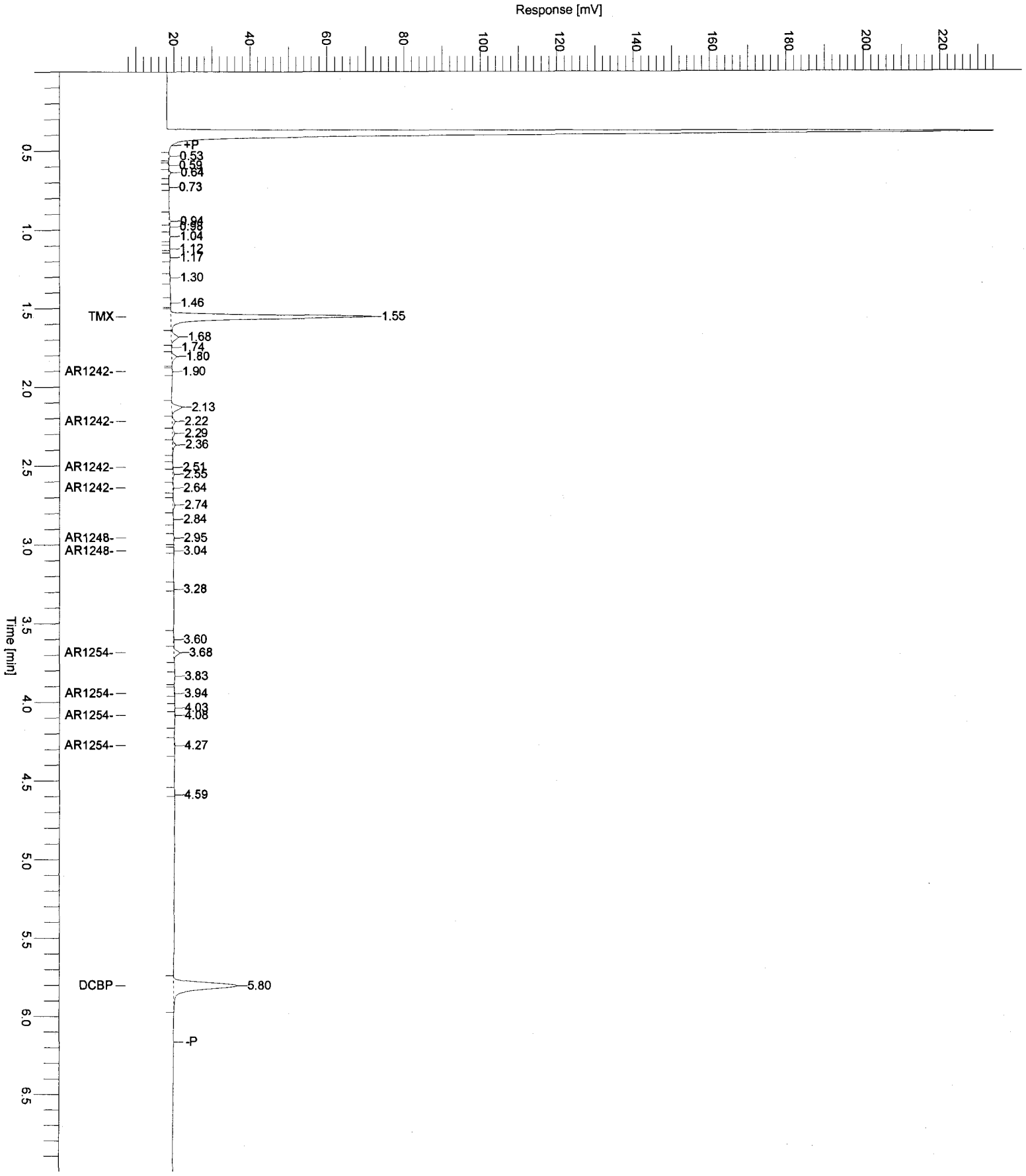
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	4.85		0	AR1260-A	0.0000	-------	-
-	5.06		0	AR1260-B	0.0000	-------	-
-	5.37		0	AR1260-C	0.0000	-------	-
-	5.50		0	AR1260-D	0.0000	-------	-
			0			0.0000	

AJ 10-6-06

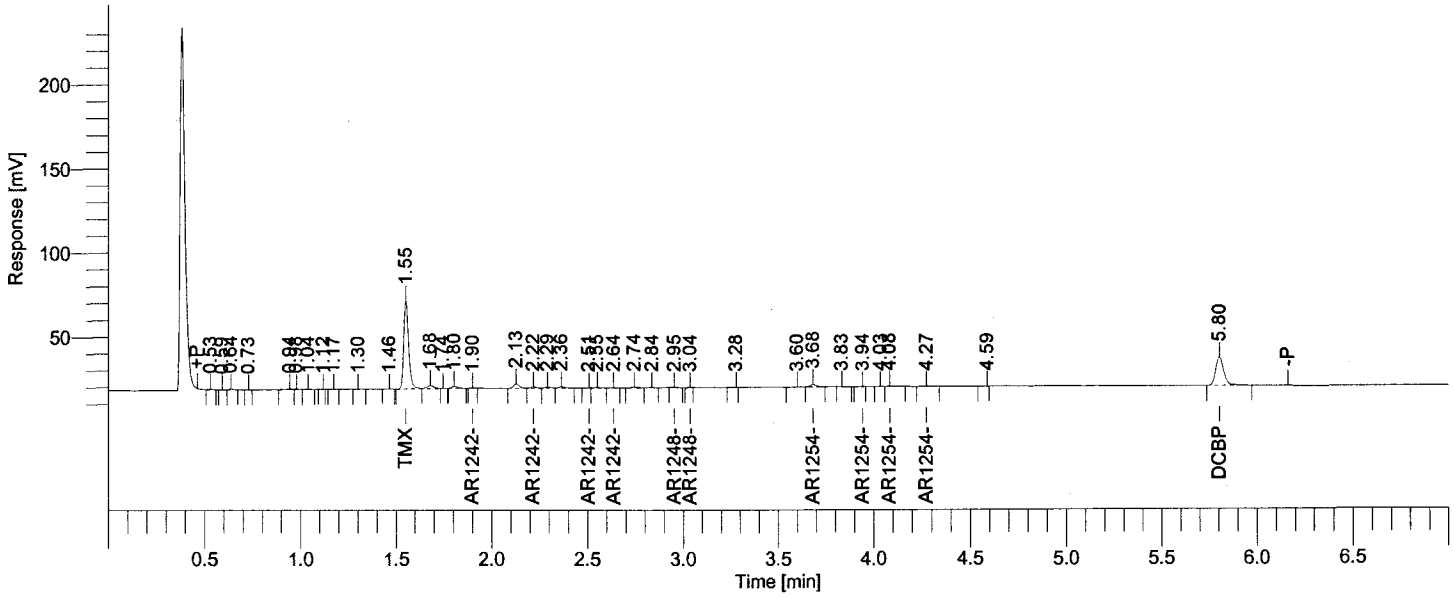
Chromatogram

Sample Name : AW60032448 Sample #: A6B30504 Page 1 of 1
FileName : H:\TURBO6\5890-19\19B72159.raw
Date : 10/05/2006 07:54:27
Method : SDPCBINS Time of Injection: 10/04/2006 22:30:56
Start Time : 0.00 min End Time : 7.00 min Low Point : 7.33 mV High Point : 234.20 mV
Scale Factor: 1.0 Plot Offset: 7.33 mV Plot Scale: 226.9 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 07:54:25
Reprocess Number	: buf2042: 123118		
Operator	: tchrom	Sample Name	: AW60032448
Sample Number	: A6B30504	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/04/2006 22:30:56	Cycle	: 16

Raw Data File : H:\TURBO6\5890-19\19B72159.raw <Modified>
Result File : H:\TURBO6\5890-19\19B72159.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B72159.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B72159.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(09-25-06).mth from H:\TURBO6\5890-19\19B72159.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
12	1.55	BV	92799	TMX	0.0162	-------	0
37	5.80	BB	49222	DCBP	0.0082	-------	0
			142022			0.0000	

10-16-06

10/05/2006 07:54:25 Result: H:\TURBO6\5890-19\19B72159.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
16	1.90	BB	144	AR1242-A	0.0014	3.6e-04	4
18	2.22	VV	1691	AR1242-B	0.0084	0.0021	4
21	2.51	BV	170	AR1242-C	4.7e-04	1.2e-04	4
23	2.64	VV	587	AR1242-D	0.0037	9.1e-04	4
			2593			0.0035	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
26	2.95	BB	173	AR1248-A	6.5e-04	1.6e-04	4
27	3.04	BB	67	AR1248-B	2.8e-04	7.1e-05	4
-	3.18		0	AR1248-C	0.0000	-------	-
-	3.40		0	AR1248-D	0.0000	-------	-
			240			2.3e-04	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
30	3.68	VB	3046	AR1254-A	0.0066	0.0016	4
32	3.94	BB	102	AR1254-B	4.3e-04	1.1e-04	4
34	4.08	VB	525	AR1254-C	0.0013	3.3e-04	4
35	4.27	BB	598	AR1254-D	0.0015	3.8e-04	4
			4271			0.0025	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	4.51		0	AR1260-A	0.0000	-------	-
-	4.65		0	AR1260-B	0.0000	-------	-
-	5.32		0	AR1260-C	0.0000	-------	-
-	5.57		0	AR1260-D	0.0000	-------	-
			0			0.0000	

16-6-06

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-03-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B30505

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 19A72162.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 09/27/2006 09/29/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 10/04/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/04/2006

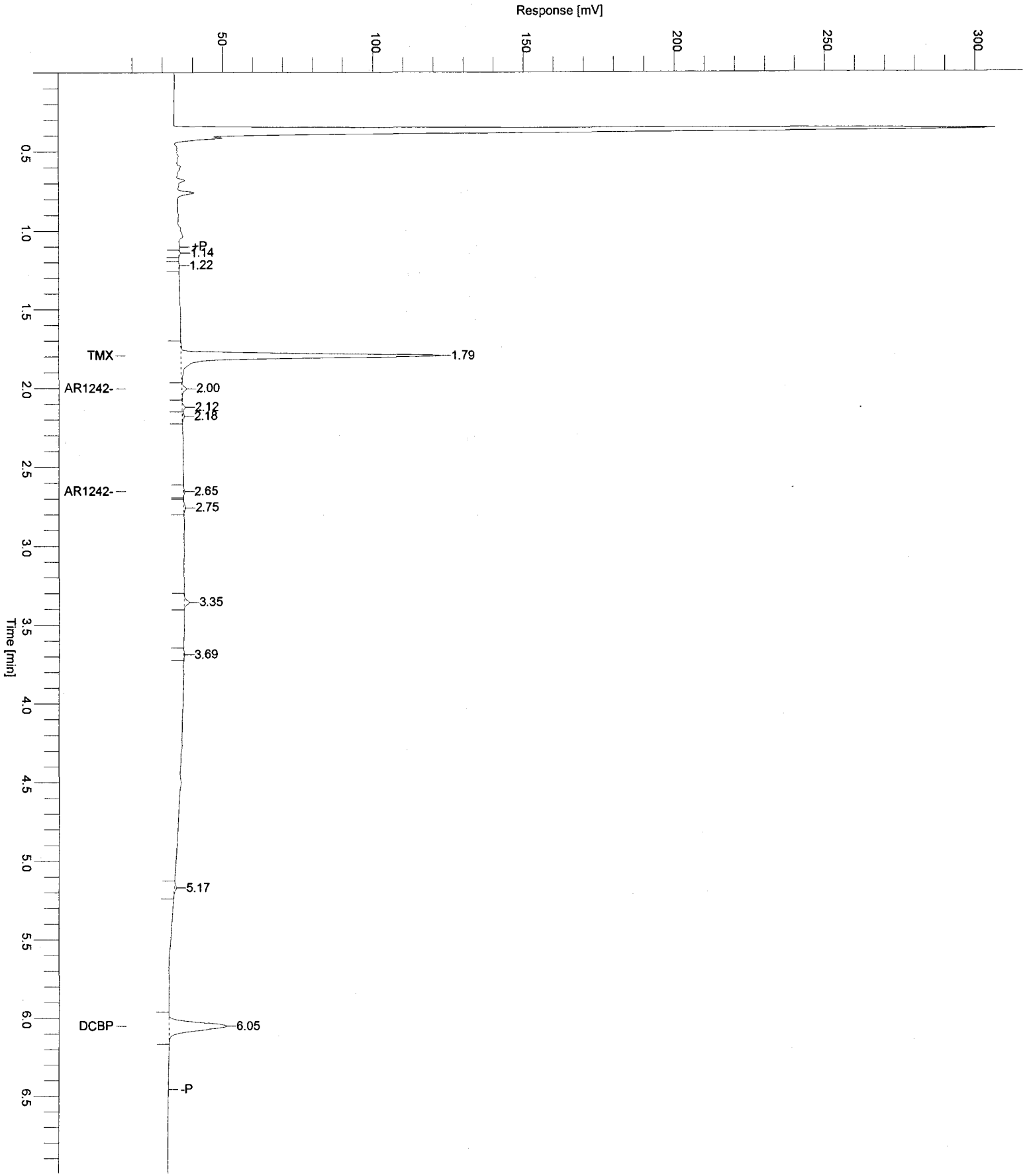
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

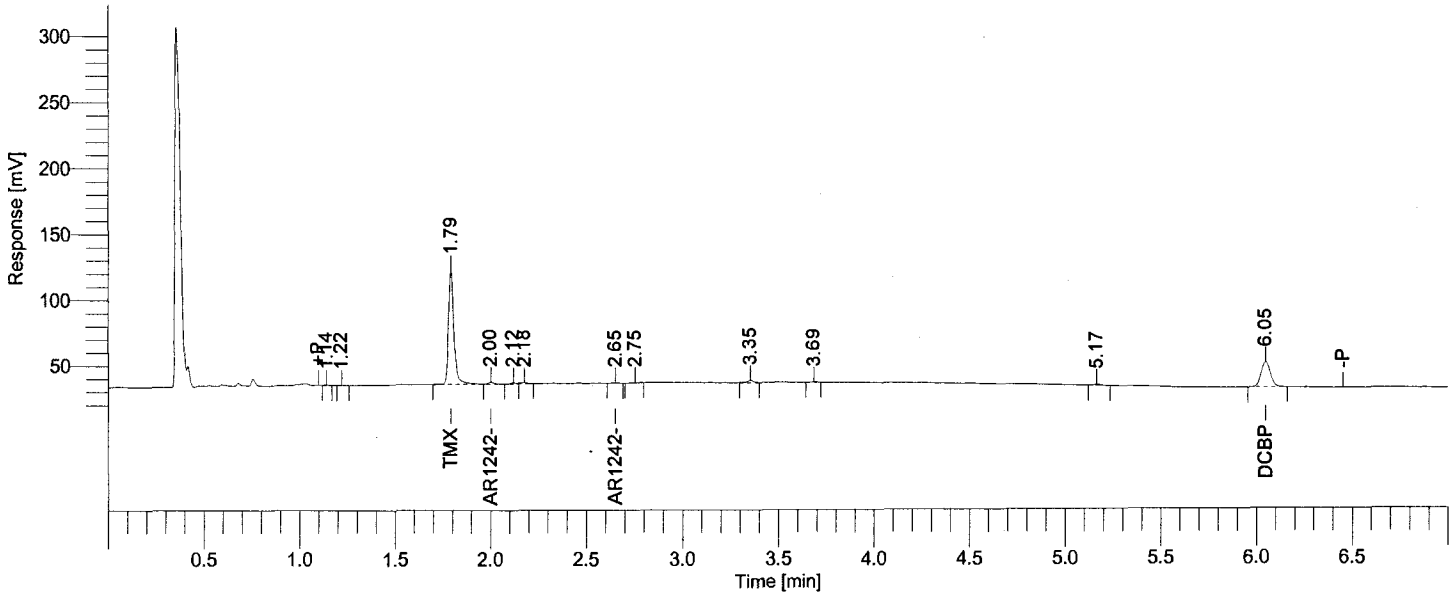
Chromatogram

Sample Name : AW60032451 Sample #: A6B30505 Page 1 of 1
FileName : H:\TURBO6\5890-19\19A72162.raw
Date : 10/05/2006 07:54:48
Method : SDPCBINS Time of Injection: 10/04/2006 23:28:52
Start Time : 0.00 min End Time : 7.00 min Low Point : 17.66 mV High Point : 306.74 mV
Scale Factor: 1.0 Plot Offset: 17.66 mV Plot Scale: 289.1 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 07:54:46
Reprocess Number	: buf2042: 123123		
Operator	: tchrom	Sample Name	: AW60032451
Sample Number	: A6B30505	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/04/2006 23:28:52	Cycle	: 19

Raw Data File : H:\TURBO6\5890-19\19A72162.raw <Modified>
Result File : H:\TURBO6\5890-19\19A72162.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A72162.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A72162.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(09-25-06).mth from H:\TURBO6\5890-19\19A72162.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
3	1.79	BV	175696	TMX	0.0147	-------	0
12	6.05	BB	64823	DCBP	0.0074	-------	0
			240519			0.0000	

10-6-06

10/05/2006 07:54:46 Result: H:\TURBO6\5890-19\19A72162.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
4	2.00	VV	3466	AR1242-A	0.0168	0.0042	4
-	2.33		0	AR1242-B	0.0000	-------	-
-	2.46		0	AR1242-C	0.0000	-------	-
7	2.65	BB	910	AR1242-D	0.0014	3.5e-04	4
			4375			0.0045	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	2.90		0	AR1248-A	0.0000	-------	-
-	3.06		0	AR1248-B	0.0000	-------	-
-	3.14		0	AR1248-C	0.0000	-------	-
-	3.21		0	AR1248-D	0.0000	-------	-
			0			0.0000	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	3.74		0	AR1254-A	0.0000	-------	-
-	3.81		0	AR1254-B	0.0000	-------	-
-	4.36		0	AR1254-C	0.0000	-------	-
-	4.56		0	AR1254-D	0.0000	-------	-
			0			0.0000	

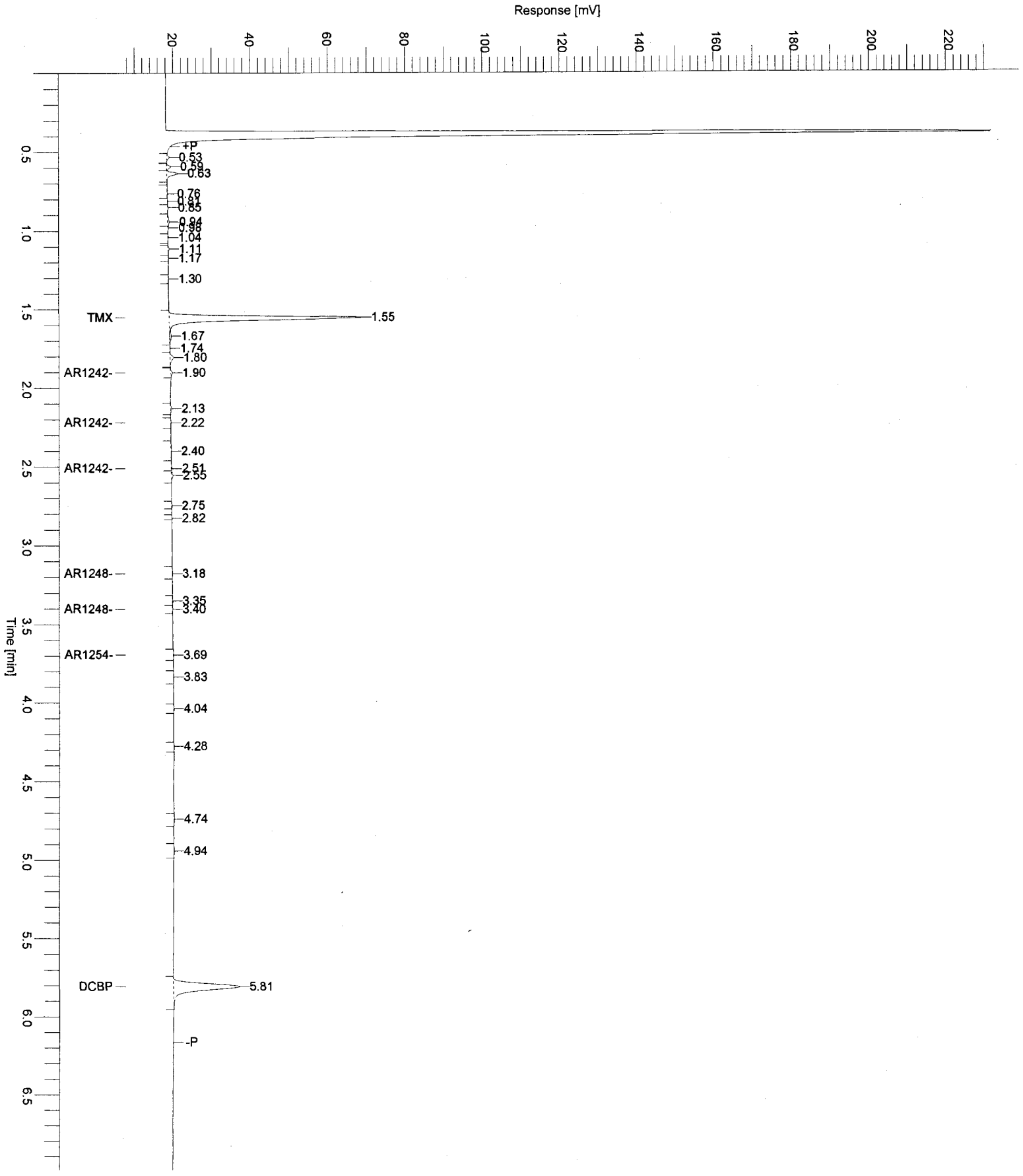
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	4.85		0	AR1260-A	0.0000	-------	-
-	5.06		0	AR1260-B	0.0000	-------	-
-	5.37		0	AR1260-C	0.0000	-------	-
-	5.50		0	AR1260-D	0.0000	-------	-
			0			0.0000	

10-6-06

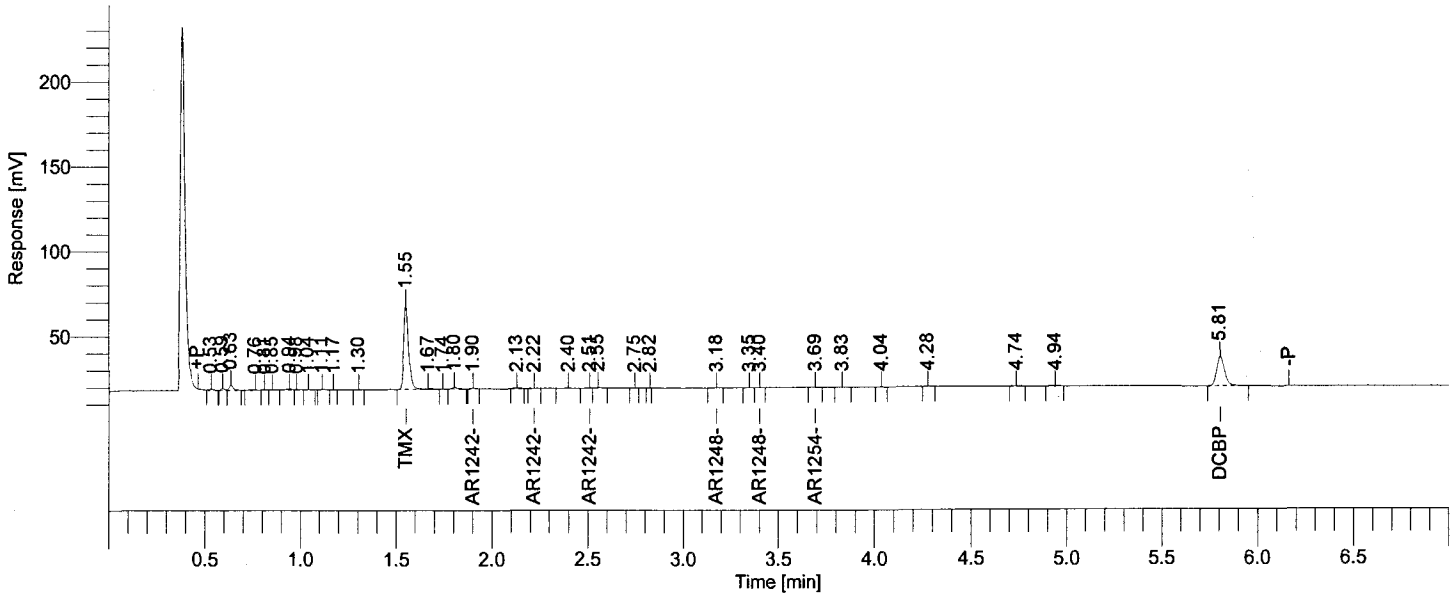
Chromatogram

Sample Name : AW60032451 Sample #: A6B30505 Page 1 of 1
FileName : H:\TURBO6\5890-19\19B72162.raw
Date : 10/05/2006 07:54:52
Method : SDPCBINS Time of Injection: 10/04/2006 23:28:52
Start Time : 0.00 min End Time : 7.00 min Low Point : 7.41 mV High Point : 231.82 mV
Scale Factor: 1.0 Plot Offset: 7.41 mV Plot Scale: 224.4 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 07:54:50
Reprocess Number	: buf2042: 123124		
Operator	: tchrom	Sample Name	: AW60032451
Sample Number	: A6B30505	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/04/2006 23:28:52	Cycle	: 19

Raw Data File : H:\TURBO6\5890-19\19B72162.raw <Modified>
Result File : H:\TURBO6\5890-19\19B72162.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B72162.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B72162.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(09-25-06).mth from H:\TURBO6\5890-19\19B72162.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
13	1.55	BE	87835	TMX	0.0152	-------	0
34	5.81	BB	49015	DCBP	0.0082	-------	0
			136850			0.0000	

10-6-06

10/05/2006 07:54:50 Result: H:\TURBO6\5890-19\19B72162.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
17	1.90	BB	733	AR1242-A	0.0074	0.0018	4
19	2.22	BB	182	AR1242-B	9.0e-04	2.3e-04	4
21	2.51	VV	381	AR1242-C	0.0011	2.6e-04	4
-	2.61		0	AR1242-D	0.0000	-------	-
			1296			0.0023	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	2.95		0	AR1248-A	0.0000	-------	-
-	3.05		0	AR1248-B	0.0000	-------	-
25	3.18	BB	228	AR1248-C	6.5e-04	1.6e-04	4
27	3.40	VB	92	AR1248-D	3.9e-04	9.7e-05	4
			320			2.6e-04	

AJ 10-6-06

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
28	3.69	BB	253	AR1254-A	5.5e-04	1.4e-04	4
-	3.94		0	AR1254-B	0.0000	-------	-
-	4.11		0	AR1254-C	0.0000	-------	-
-	4.22		0	AR1254-D	0.0000	-------	-
			253			1.4e-04	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	4.51		0	AR1260-A	0.0000	-------	-
-	4.65		0	AR1260-B	0.0000	-------	-
-	5.32		0	AR1260-C	0.0000	-------	-
-	5.57		0	AR1260-D	0.0000	-------	-
			0			0.0000	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-04-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B30501

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 19A72156.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 09/27/2006 09/29/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 10/04/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/04/2006

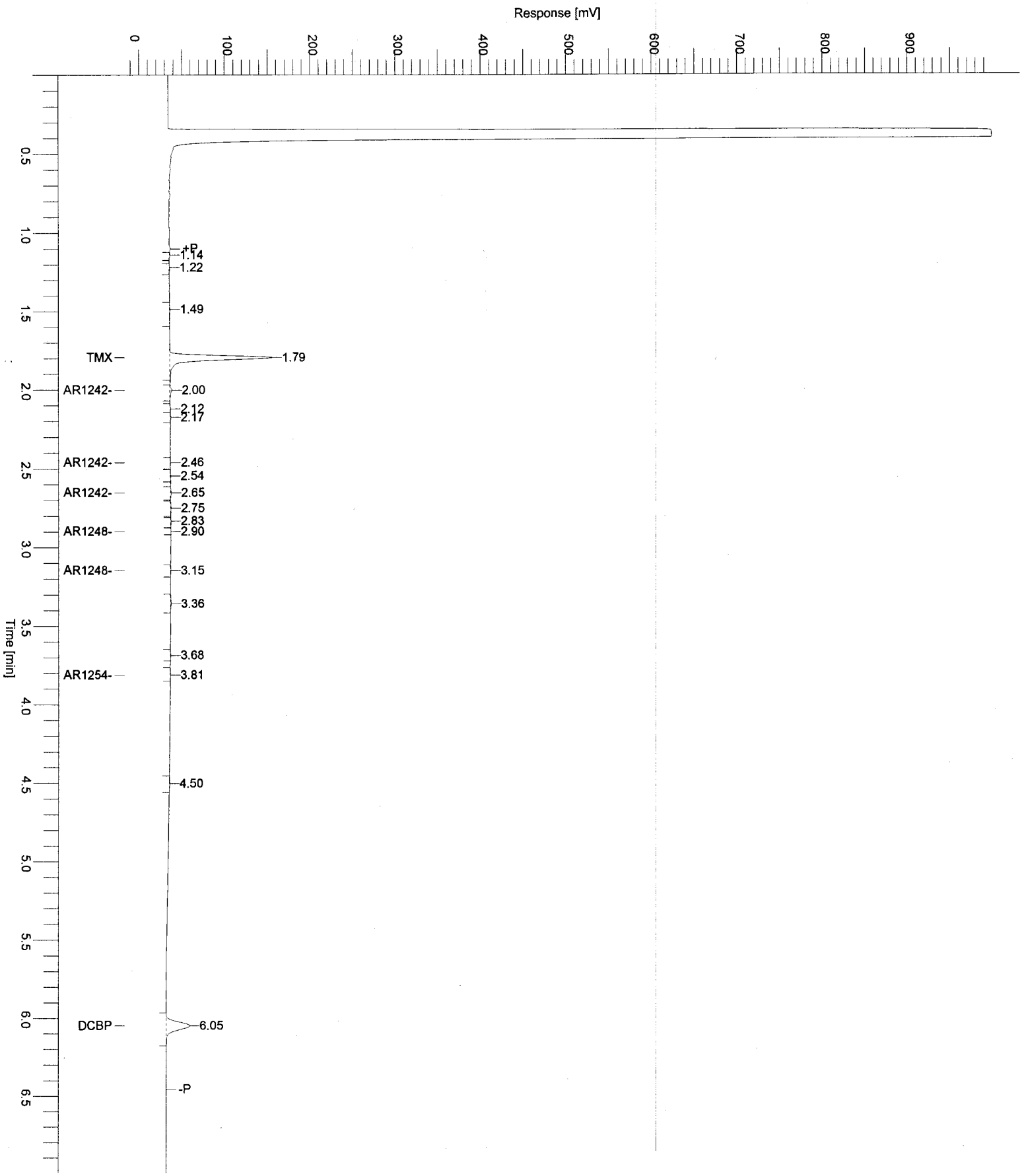
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

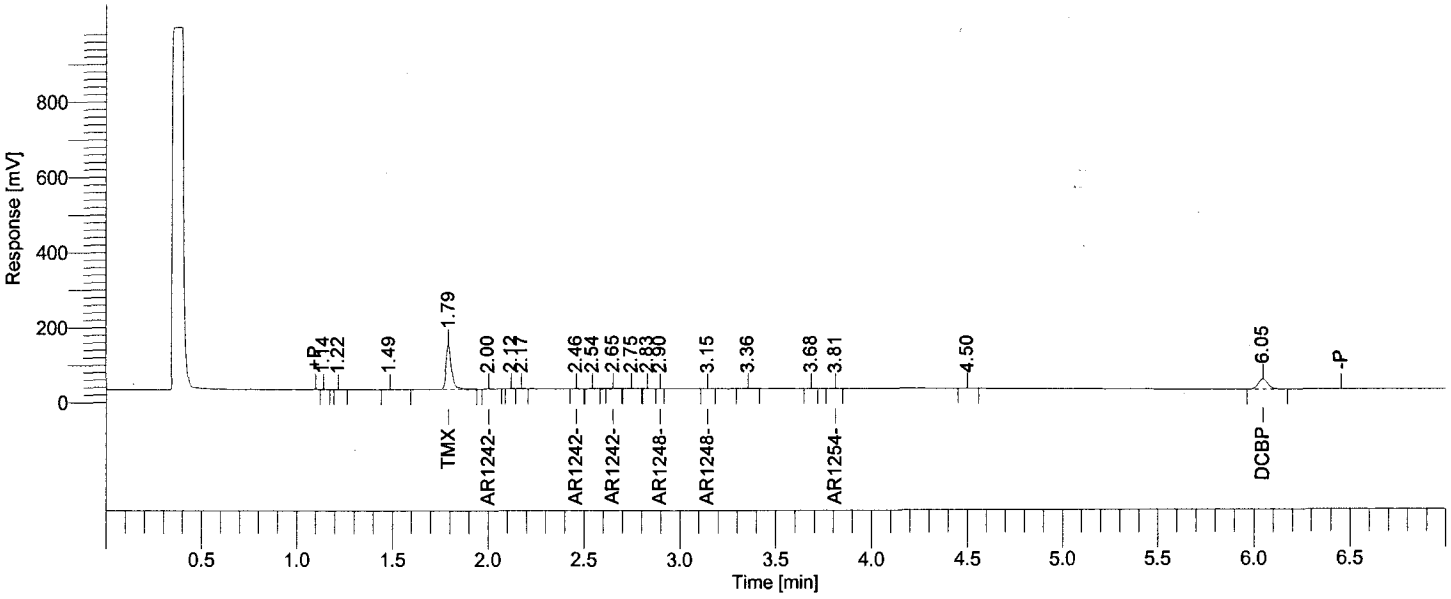
Chromatogram

Sample Name : AW60032445 Sample #: A6B30501 Page 1 of 1
FileName : H:\TURBO6\5890-19\19A72156.raw
Date : 10/05/2006 07:53:52
Method : SDPCBINS Time of Injection: 10/04/2006 21:33:12
Start Time : 0.00 min End Time : 7.00 min Low Point : -17.32 mV High Point : 998.89 mV
Scale Factor: 1.0 Plot Offset: -17.32 mV Plot Scale: 1016.2 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 07:53:50
Reprocess Number	: buf2042: 123111		
Operator	: tchrom	Sample Name	: AW60032445
Sample Number	: A6B30501	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/04/2006 21:33:12	Cycle	: 13

Raw Data File : H:\TURBO6\5890-19\19A72156.raw <Modified>
Result File : H:\TURBO6\5890-19\19A72156.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A72156.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A72156.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(09-25-06).mth from H:\TURBO6\5890-19\19A72156.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
4	1.79	VV	243855	TMX	0.0214	-------	0
	2.00		7919	~~AR1242~~	0.0052	0.0013	4
19	6.05	BB	94424	DCBP	0.0117	-------	0
			346198			0.0013	

AS 10-6-06

10/05/2006 07:53:50 Result: H:\TURBO6\5890-19\19A72156.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
5	2.00	VB	4993	AR1242-A	0.0242	0.0060	4
-	2.33		0	AR1242-B	0.0000	-------	-
8	2.46	BB	593	AR1242-C	0.0024	6.0e-04	4
10	2.65	VB	2333	AR1242-D	0.0036	8.9e-04	4
			7919			0.0075	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
13	2.90	BB	271	AR1248-A	8.6e-04	2.2e-04	4
-	3.06		0	AR1248-B	0.0000	-------	-
14	3.15	BB	864	AR1248-C	0.0021	5.2e-04	4
-	3.21		0	AR1248-D	0.0000	-------	-
			1135			7.4e-04	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	3.74		0	AR1254-A	0.0000	-------	-
17	3.81	BB	995	AR1254-B	0.0015	3.8e-04	4
-	4.36		0	AR1254-C	0.0000	-------	-
-	4.56		0	AR1254-D	0.0000	-------	-
			995			3.8e-04	

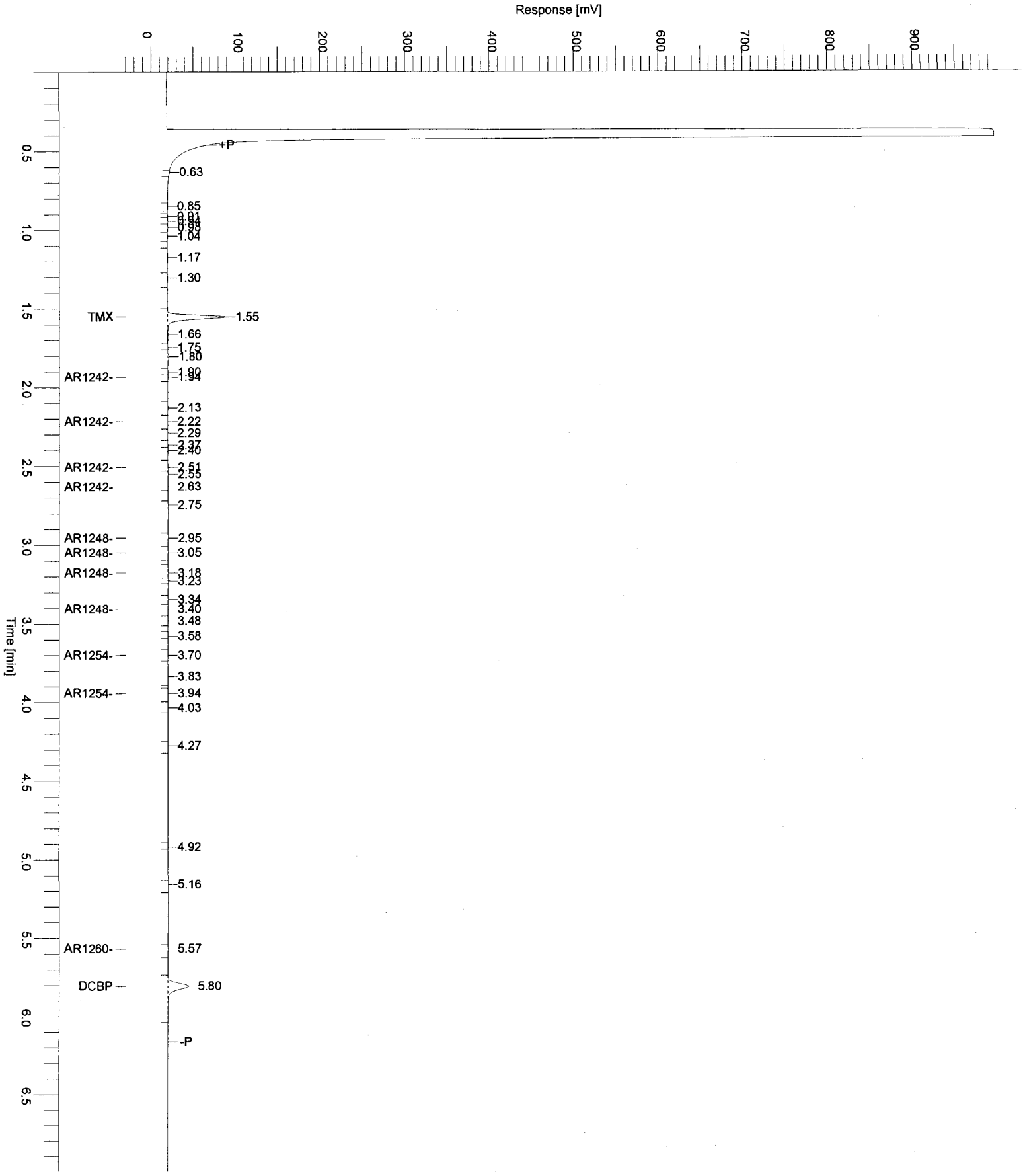
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	4.85		0	AR1260-A	0.0000	-------	-
-	5.06		0	AR1260-B	0.0000	-------	-
-	5.37		0	AR1260-C	0.0000	-------	-
-	5.50		0	AR1260-D	0.0000	-------	-
			0			0.0000	

AJ 10-6-06

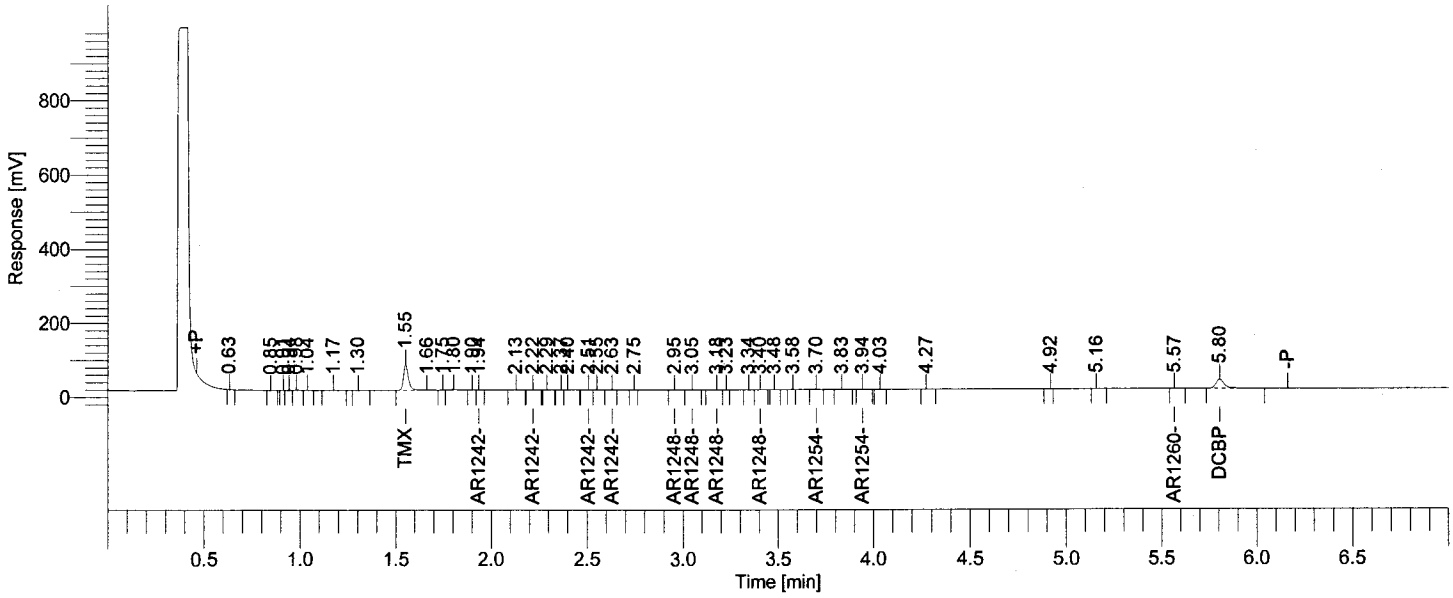
Chromatogram

Sample Name : AW60032445 Sample #: A6B30501 Page 1 of 1
FileName : H:\TURBO6\5890-19\19B72156.raw
Date : 10/05/2006 07:53:56
Method : SDPCBINS Time of Injection: 10/04/2006 21:33:12
Start Time : 0.00 min End Time : 7.00 min Low Point : -30.75 mV High Point : 996.95 mV
Scale Factor: 1.0 Plot Offset: -30.75 mV Plot Scale: 1027.7 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 07:53:55
Reprocess Number	: buf2042: 123112		
Operator	: tchrom	Sample Name	: AW60032445
Sample Number	: A6B30501	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/04/2006 21:33:12	Cycle	: 13

Raw Data File : H:\TURBO6\5890-19\19B72156.raw <Modified>
Result File : H:\TURBO6\5890-19\19B72156.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B72156.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B72156.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(09-25-06).mth from H:\TURBO6\5890-19\19B72156.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
9	1.55	BE	122751	TMX	0.0220	-------	0
40	5.80	BB	72479	DCBP	0.0130	-------	0
			195229			0.0000	

10-16-06

10/05/2006 07:53:55 Result: H:\TURBO6\5890-19\19B72156.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
14	1.94	VB	338	AR1242-A	0.0034	8.5e-04	4
16	2.22	VV	386	AR1242-B	0.0019	4.8e-04	4
20	2.51	BV	1003	AR1242-C	0.0028	6.9e-04	4
22	2.63	VB	124	AR1242-D	7.7e-04	1.9e-04	4
			1851			0.0022	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
24	2.95	BV	384	AR1248-A	0.0014	3.6e-04	4
25	3.05	VB	432	AR1248-B	0.0018	4.6e-04	4
26	3.18	BV	535	AR1248-C	0.0015	3.8e-04	4
29	3.40	VB	304	AR1248-D	0.0013	3.2e-04	4
			1655			0.0015	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
32	3.70	BB	375	AR1254-A	8.1e-04	2.0e-04	4
34	3.94	BB	196	AR1254-B	8.4e-04	2.1e-04	4
-	4.11		0	AR1254-C	0.0000	-------	-
-	4.22		0	AR1254-D	0.0000	-------	-
			571			4.1e-04	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	4.51		0	AR1260-A	0.0000	-------	-
-	4.65		0	AR1260-B	0.0000	-------	-
-	5.32		0	AR1260-C	0.0000	-------	-
39	5.57	BB	275	AR1260-D	0.0122	0.0031	4
			275			0.0031	

10-6-06

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-05-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B30503

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 19A72158.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 09/27/2006 09/29/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 10/04/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/04/2006

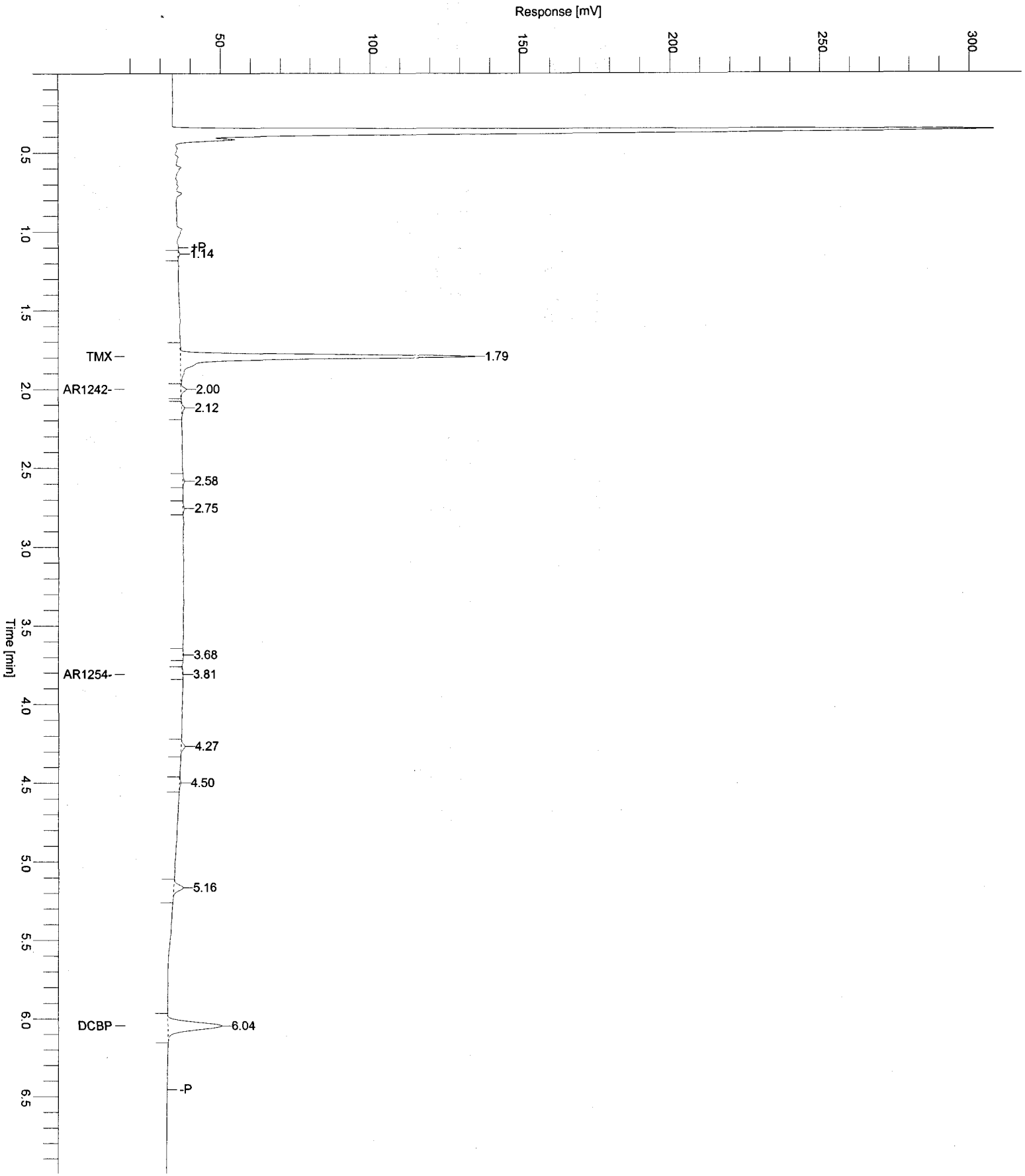
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

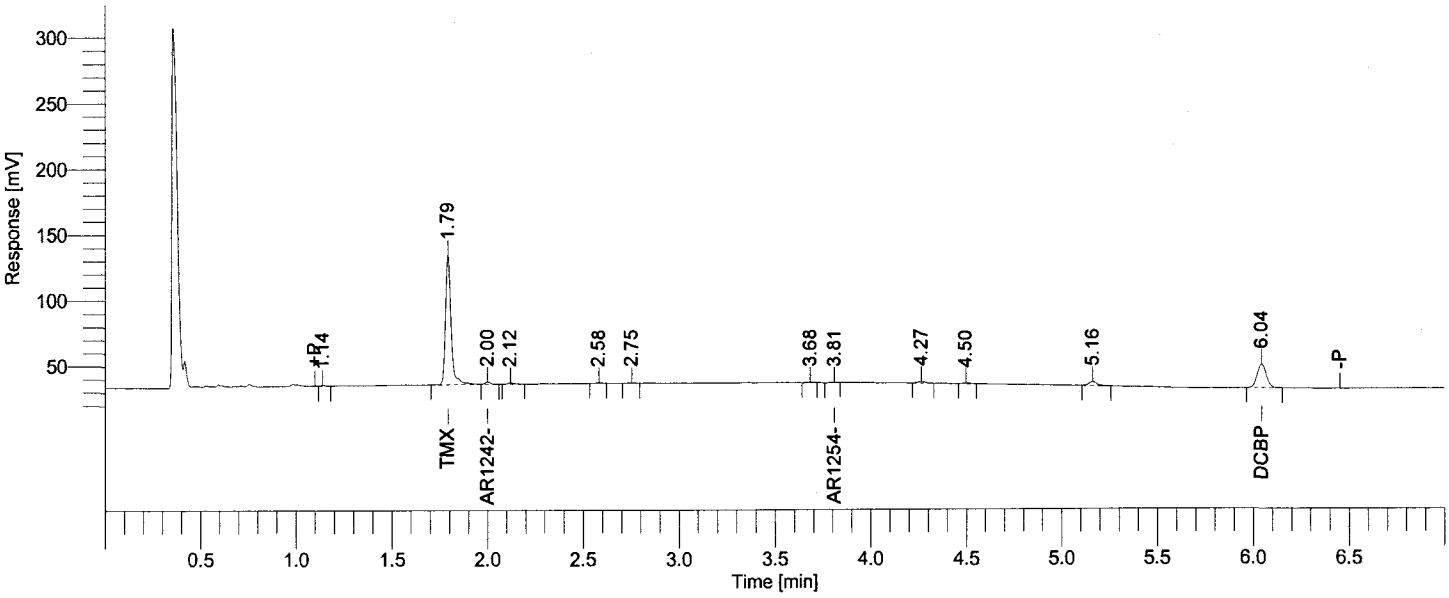
Chromatogram

Sample Name : AW60032447 Sample #: A6B30503 Page 1 of 1
FileName : H:\TURBO6\5890-19\19A72158.raw
Date : 10/05/2006 07:54:12
Method : SDPCBINS Time of Injection: 10/04/2006 22:11:39
Start Time : 0.00 min End Time : 7.00 min Low Point : 17.90 mV High Point : 308.04 mV
Scale Factor: 1.0 Plot Offset: 17.90 mV Plot Scale: 290.1 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 07:54:10
Reprocess Number	: buf2042: 123115		
Operator	: tchrom	Sample Name	: AW60032447
Sample Number	: A6B30503	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/04/2006 22:11:39	Cycle	: 15

Raw Data File : H:\TURBO6\5890-19\19A72158.raw <Modified>
Result File : H:\TURBO6\5890-19\19A72158.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A72158.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A72158.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(09-25-06).mth from H:\TURBO6\5890-19\19A72158.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
2	1.79	BV	201869	TMX	0.0172	-------	0
12	6.04	BB	59954	DCBP	0.0067	-------	0
			261822			0.0000	

PS 10-6-06

10/05/2006 07:54:10 Result: H:\TURBO6\5890-19\19A72158.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
3	2.00	VB	3660	AR1242-A	0.0177	0.0044	4
-	2.33		0	AR1242-B	0.0000	-------	-
-	2.46		0	AR1242-C	0.0000	-------	-
-	2.65		0	AR1242-D	0.0000	-------	-
			3660			0.0044	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	2.90		0	AR1248-A	0.0000	-------	-
-	3.06		0	AR1248-B	0.0000	-------	-
-	3.14		0	AR1248-C	0.0000	-------	-
-	3.21		0	AR1248-D	0.0000	-------	-
			0			0.0000	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	3.74		0	AR1254-A	0.0000	-------	-
8	3.81	BB	560	AR1254-B	8.5e-04	2.1e-04	4
-	4.36		0	AR1254-C	0.0000	-------	-
-	4.56		0	AR1254-D	0.0000	-------	-
			560			2.1e-04	

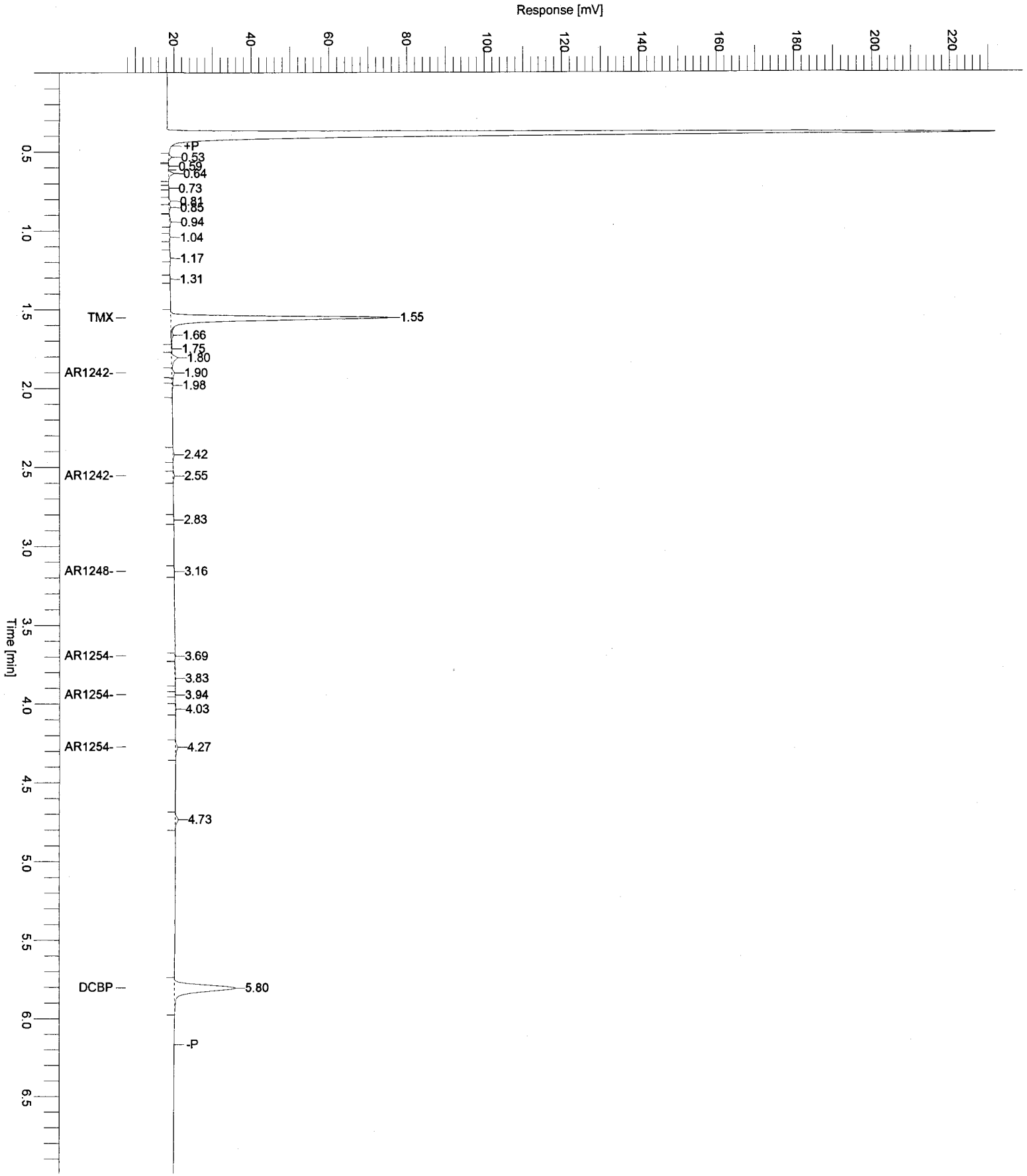
PJ 10-6-06

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	4.85		0	AR1260-A	0.0000	-------	-
-	5.06		0	AR1260-B	0.0000	-------	-
-	5.37		0	AR1260-C	0.0000	-------	-
-	5.50		0	AR1260-D	0.0000	-------	-
			0			0.0000	

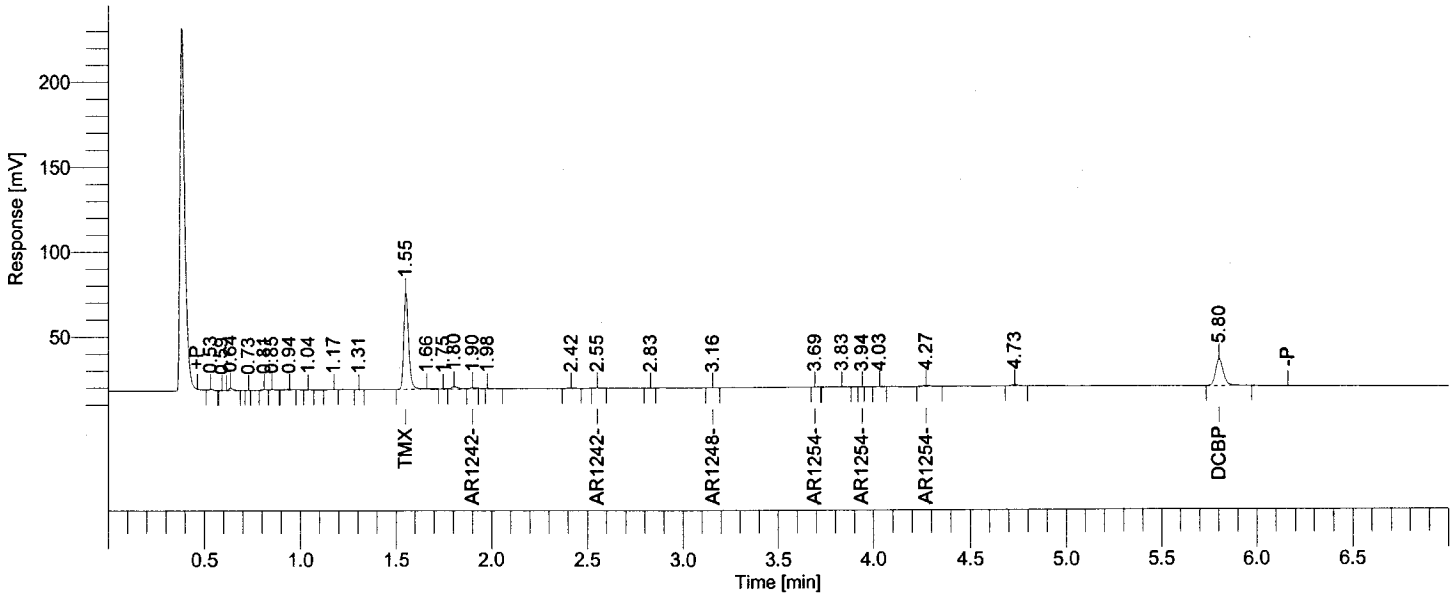
Chromatogram

Sample Name : AW60032447 Sample #: A6B30503 Page 1 of 1
FileName : H:\TURBO6\5890-19\19B72158.raw
Date : 10/05/2006 07:54:18
Method : SDPCBINS Time of Injection: 10/04/2006 22:11:39
Start Time : 0.00 min End Time : 7.00 min Low Point : 7.45 mV High Point : 231.85 mV
Scale Factor: 1.0 Plot Offset: 7.45 mV Plot Scale: 224.4 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 07:54:15
Reprocess Number	: buf2042: 123116		
Operator	: tchrom	Sample Name	: AW60032447
Sample Number	: A6B30503	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/04/2006 22:11:39	Cycle	: 15

Raw Data File : H:\TURBO6\5890-19\19B72158.raw <Modified>
Result File : H:\TURBO6\5890-19\19B72158.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B72158.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B72158.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(09-25-06).mth from H:\TURBO6\5890-19\19B72158.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
11	1.55	BE	100415	TMX	0.0176	-------	0
27	5.80	BB	45536	DCBP	0.0075	-------	0
			145952			0.0000	

10-6-06

10/05/2006 07:54:15 Result: H:\TURBO6\5890-19\19B72158.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
15	1.90	VV	1725	AR1242-A	0.0173	0.0043	4
-	2.21		0	AR1242-B	0.0000	-------	-
18	2.55	BB	719	AR1242-C	0.0020	5.0e-04	4
-	2.61		0	AR1242-D	0.0000	-------	-
			2444			0.0048	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	2.95		0	AR1248-A	0.0000	-------	-
-	3.05		0	AR1248-B	0.0000	-------	-
20	3.16	BB	197	AR1248-C	5.6e-04	1.4e-04	4
-	3.40		0	AR1248-D	0.0000	-------	-
			197			1.4e-04	

10-6-06

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
21	3.69	BB	105	AR1254-A	2.3e-04	5.7e-05	4
23	3.94	BB	20	AR1254-B	8.4e-05	2.1e-05	4
-	4.11		0	AR1254-C	0.0000	-------	-
25	4.27	BB	1533	AR1254-D	0.0039	9.8e-04	4
			1658			0.0011	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	4.51		0	AR1260-A	0.0000	-------	-
-	4.65		0	AR1260-B	0.0000	-------	-
-	5.32		0	AR1260-C	0.0000	-------	-
-	5.57		0	AR1260-D	0.0000	-------	-
			0			0.0000	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.: NM-MW-06-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B30502

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 19A72157.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 09/27/2006 09/29/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 10/04/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/04/2006

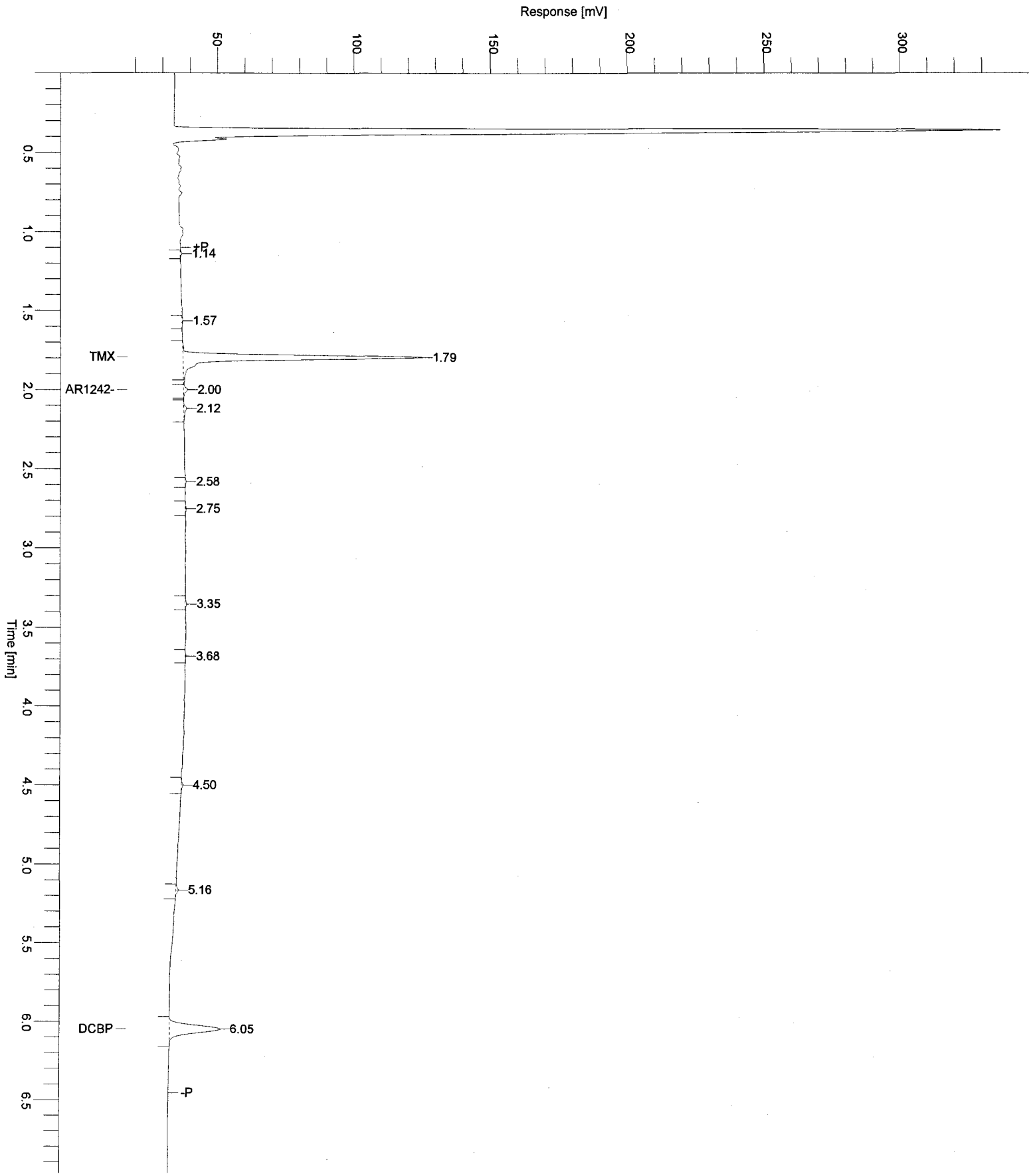
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

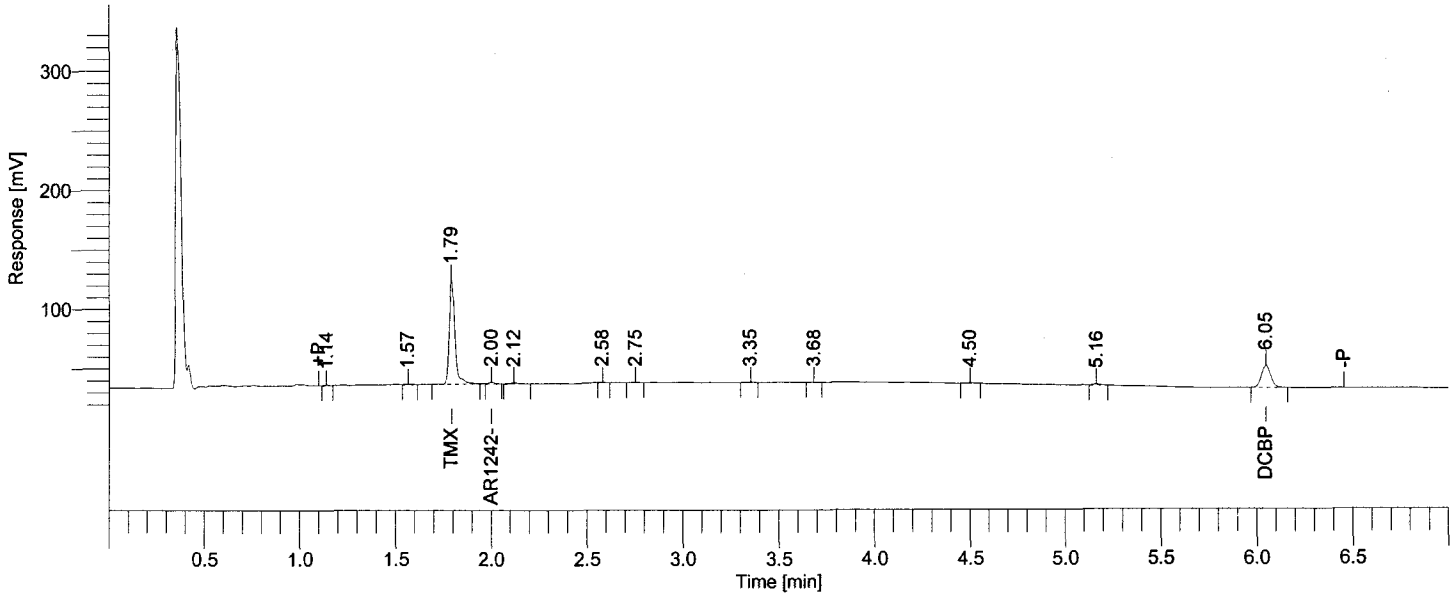
Chromatogram

Sample Name : AW60032446 Sample #: A6B30502 Page 1 of 1
FileName : H:\TURBO6\5890-19\19A72157.raw
Date : 10/05/2006 07:54:02
Method : SDPCBINS Time of Injection: 10/04/2006 21:52:22
Start Time : 0.00 min End Time : 7.00 min Low Point : 16.85 mV High Point : 336.92 mV
Scale Factor: 1.0 Plot Offset: 16.85 mV Plot Scale: 320.1 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 07:54:00
Reprocess Number	: buf2042: 123113		
Operator	: tchrom	Sample Name	: AW60032446
Sample Number	: A6B30502	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/04/2006 21:52:22	Cycle	: 14

Raw Data File : H:\TURBO6\5890-19\19A72157.raw <Modified>
Result File : H:\TURBO6\5890-19\19A72157.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A72157.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A72157.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(09-25-06).mth from H:\TURBO6\5890-19\19A72157.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
3	1.79	BV	180410	TMX	0.0151	-------	0
12	6.05	BB	62106	DCBP	0.0070	-------	0
			242516			0.0000	

AS 10-6-06

10/05/2006 07:54:00 Result: H:\TURBO6\5890-19\19A72157.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
4	2.00	VB	2975	AR1242-A	0.0144	0.0036	4
-	2.33		0	AR1242-B	0.0000	-------	-
-	2.46		0	AR1242-C	0.0000	-------	-
-	2.65		0	AR1242-D	0.0000	-------	-
			2975			0.0036	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	2.90		0	AR1248-A	0.0000	-------	-
-	3.06		0	AR1248-B	0.0000	-------	-
-	3.14		0	AR1248-C	0.0000	-------	-
-	3.21		0	AR1248-D	0.0000	-------	-
			0			0.0000	

AJ 10-6-06

Group Report For : AR1254

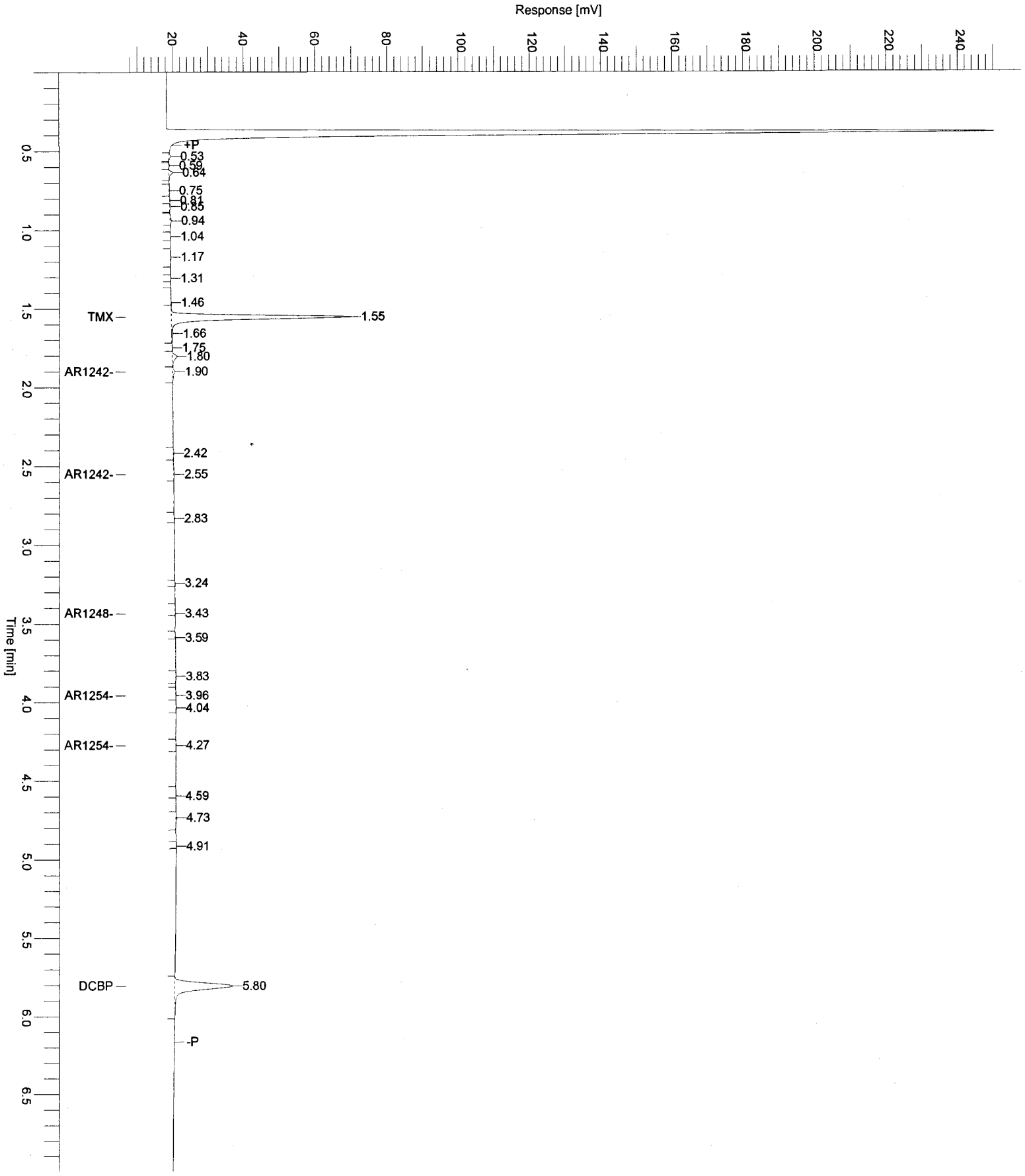
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	3.74		0	AR1254-A	0.0000	-------	-
-	3.81		0	AR1254-B	0.0000	-------	-
-	4.36		0	AR1254-C	0.0000	-------	-
-	4.56		0	AR1254-D	0.0000	-------	-
			0			0.0000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	4.85		0	AR1260-A	0.0000	-------	-
-	5.06		0	AR1260-B	0.0000	-------	-
-	5.37		0	AR1260-C	0.0000	-------	-
-	5.50		0	AR1260-D	0.0000	-------	-
			0			0.0000	

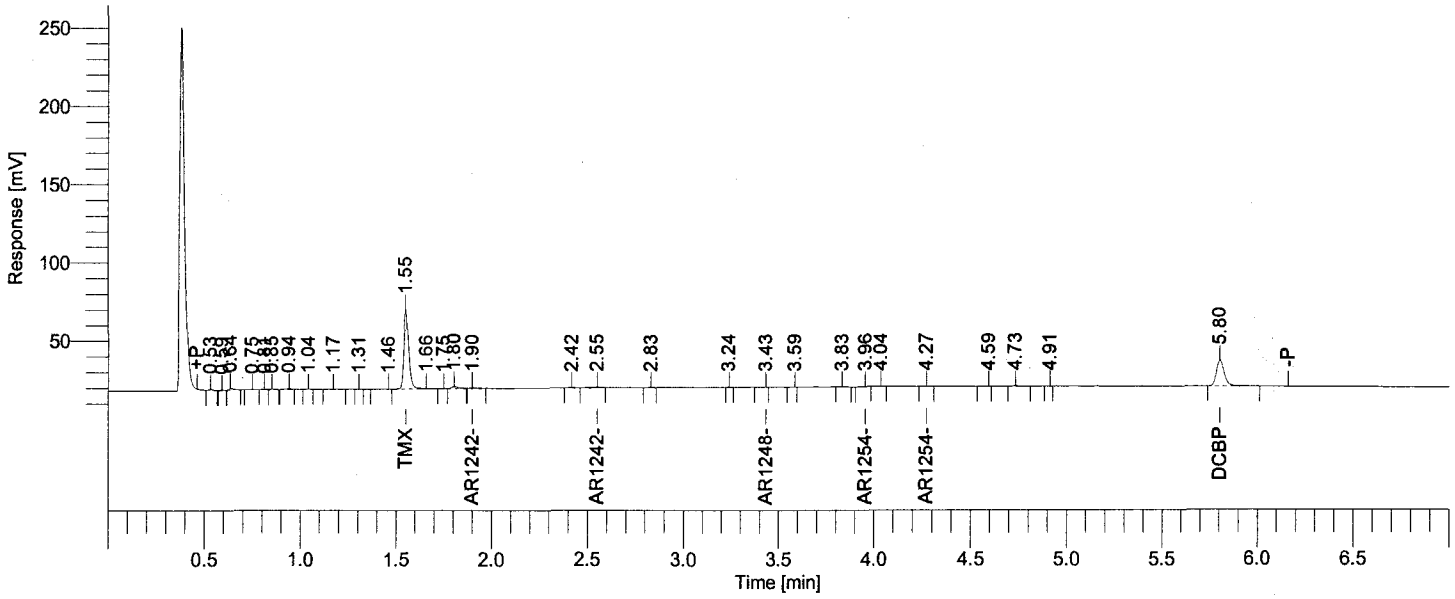
Chromatogram

Sample Name : AW60032446 Sample #: A6B30502 Page 1 of 1
FileName : H:\TURBO6\5890-19\19B72157.raw
Date : 10/05/2006 07:54:07
Method : SDPCBINS Time of Injection: 10/04/2006 21:52:22
Start Time : 0.00 min End Time : 7.00 min Low Point : 6.60 mV High Point : 250.14 mV
Scale Factor: 1.0 Plot Offset: 6.60 mV Plot Scale: 243.5 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 07:54:06
Reprocess Number	: buf2042: 123114		
Operator	: tchrom	Sample Name	: AW60032446
Sample Number	: A6B30502	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/04/2006 21:52:22	Cycle	: 14

Raw Data File : H:\TURBO6\5890-19\19B72157.raw <Modified>
Result File : H:\TURBO6\5890-19\19B72157.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B72157.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B72157.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(09-25-06).mth from H:\TURBO6\5890-19\19B72157.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
12	1.55	VE	89372	TMX	0.0155	-------	0
30	5.80	BB	47323	DCBP	0.0078	-------	0
			136695			0.0000	

10-6-06

10/05/2006 07:54:06 Result: H:\TURBO6\5890-19\19B72157.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
16	1.90	VB	1653	AR1242-A	0.0166	0.0042	4
-	2.21		0	AR1242-B	0.0000	-------	-
18	2.55	VB	840	AR1242-C	0.0023	5.8e-04	4
-	2.61		0	AR1242-D	0.0000	-------	-
			2493			0.0047	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	2.95		0	AR1248-A	0.0000	-------	-
-	3.05		0	AR1248-B	0.0000	-------	-
-	3.18		0	AR1248-C	0.0000	-------	-
21	3.43	BB	67	AR1248-D	2.8e-04	7.1e-05	4
			67			7.1e-05	

AJ 10-6-06

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	3.70		0	AR1254-A	0.0000	-------	-
24	3.96	BV	220	AR1254-B	9.4e-04	2.3e-04	4
-	4.11		0	AR1254-C	0.0000	-------	-
26	4.27	BB	239	AR1254-D	6.1e-04	1.5e-04	4
			459			3.9e-04	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	4.51		0	AR1260-A	0.0000	-------	-
-	4.65		0	AR1260-B	0.0000	-------	-
-	5.32		0	AR1260-C	0.0000	-------	-
-	5.57		0	AR1260-D	0.0000	-------	-
			0			0.0000	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-DEC-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B30512

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 19A72171.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 09/28/2006 09/29/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 10/04/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/05/2006

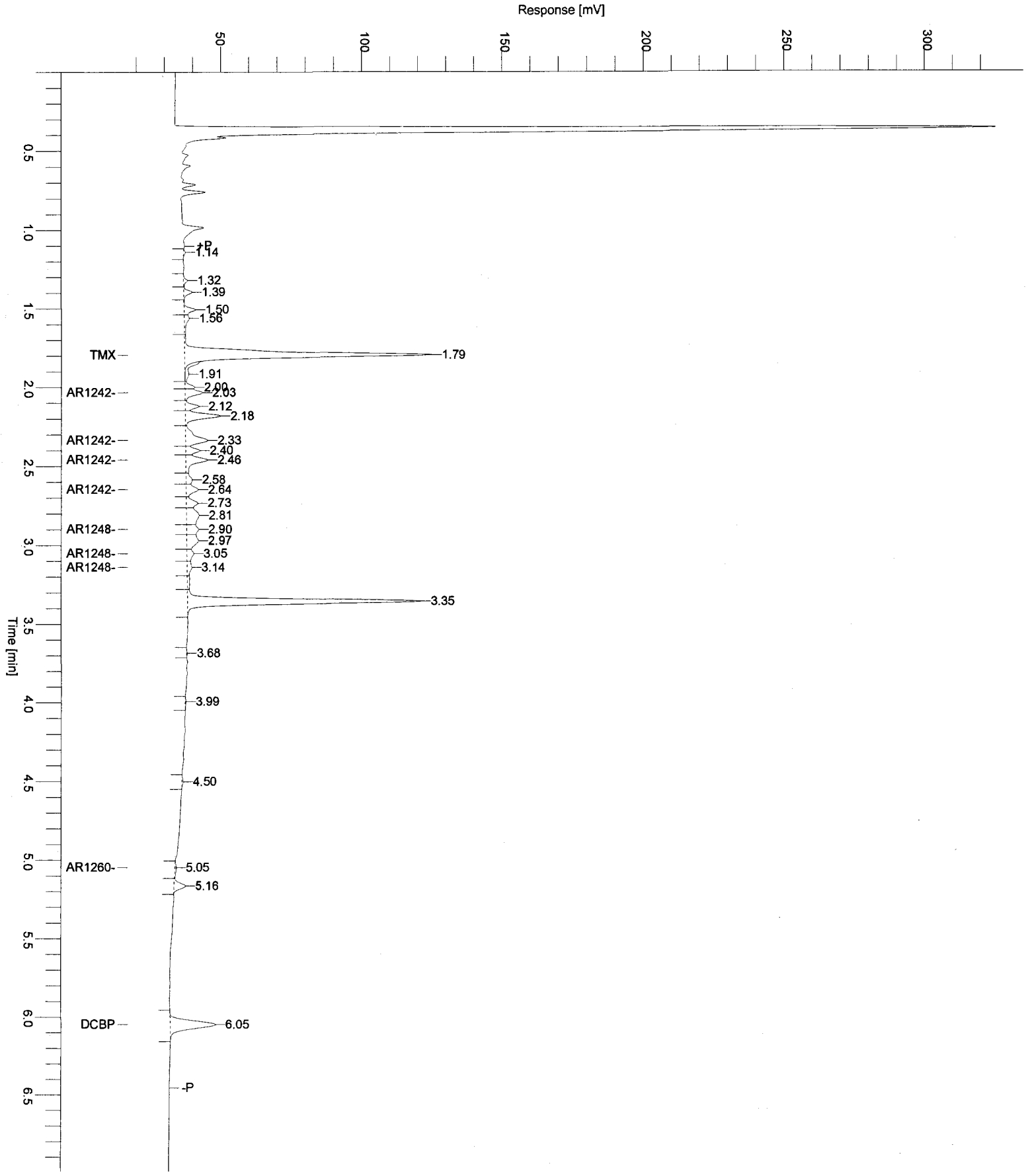
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.58	
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

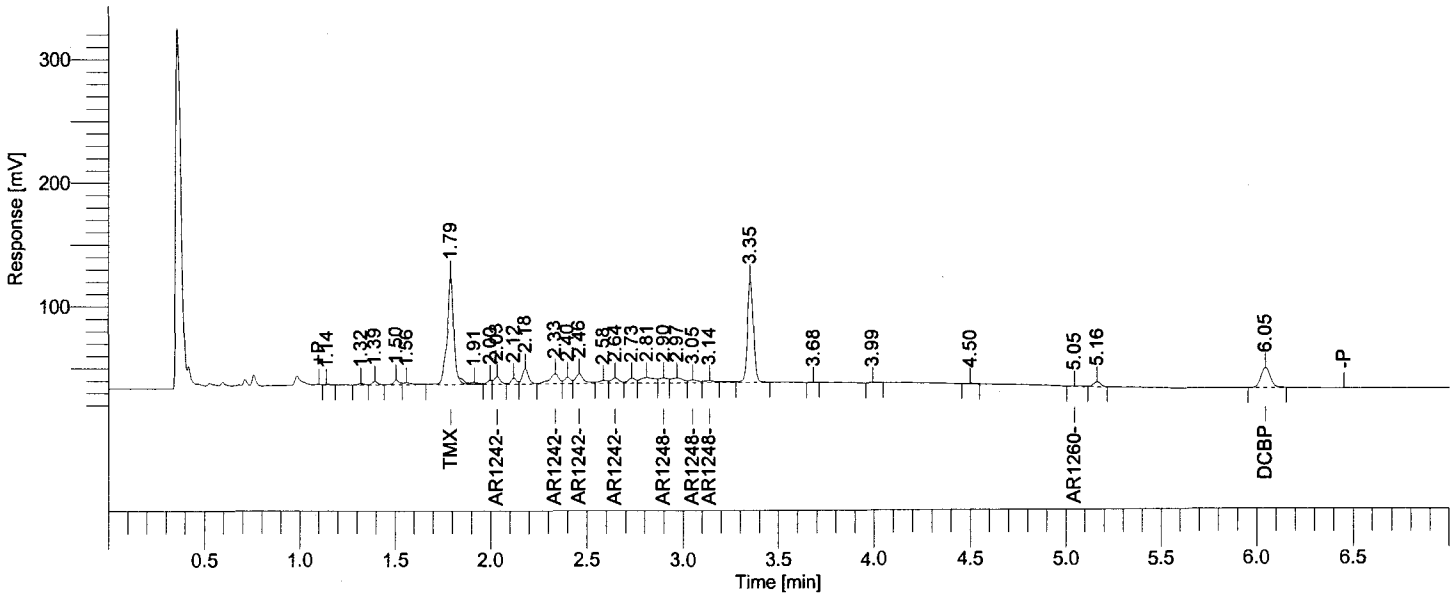
Chromatogram

Sample Name : AW60032458 Sample #: A6B30512 Page 1 of 1
FileName : H:\TURBO6\5890-19\19A72171.raw
Date : 10/05/2006 07:55:50
Method : SDPCBINS Time of Injection: 10/05/2006 02:21:49
Start Time : 0.00 min End Time : 7.00 min Low Point : 16.86 mV High Point : 325.34 mV
Scale Factor: 1.0 Plot Offset: 16.86 mV Plot Scale: 308.5 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 07:55:48
Reprocess Number	: buf2042: 123141		
Operator	: tchrom	Sample Name	: AW60032458
Sample Number	: A6B30512	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/05/2006 02:21:49	Cycle	: 28

Raw Data File : H:\TURBO6\5890-19\19A72171.raw <Modified>
Result File : H:\TURBO6\5890-19\19A72171.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A72171.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A72171.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(09-25-06).mth from H:\TURBO6\5890-19\19A72171.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
6	1.79	VE	214095	TMX	0.0184	-------	0
	2.33		76932	AR1242	0.0504	0.0126	4
	2.90		29722	AR1248	0.0216	0.0054	4
29	6.05	BB	54225	DCBP	0.0059	-------	0
			374974			0.0180	

10-6-06

10/05/2006 07:55:48 Result: H:\TURBO6\5890-19\19A72171.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
9	2.03	VV	14389	AR1242-A	0.0697	0.0174	4
12	2.33	VV	27922	AR1242-B	0.0668	0.0167	4
14	2.46	VV	22321	AR1242-C	0.0904	0.0226	4
16	2.64	VV	12299	AR1242-D	0.0188	0.0047	4
			76932			0.0614	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
19	2.90	VV	14090	AR1248-A	0.0450	0.0113	4
21	3.05	VV	8677	AR1248-B	0.0168	0.0042	4
22	3.14	VV	6955	AR1248-C	0.0168	0.0042	4
-	3.21		0	AR1248-D	0.0000	-------	-
			29722			0.0197	

10-6-06

Group Report For : AR1254

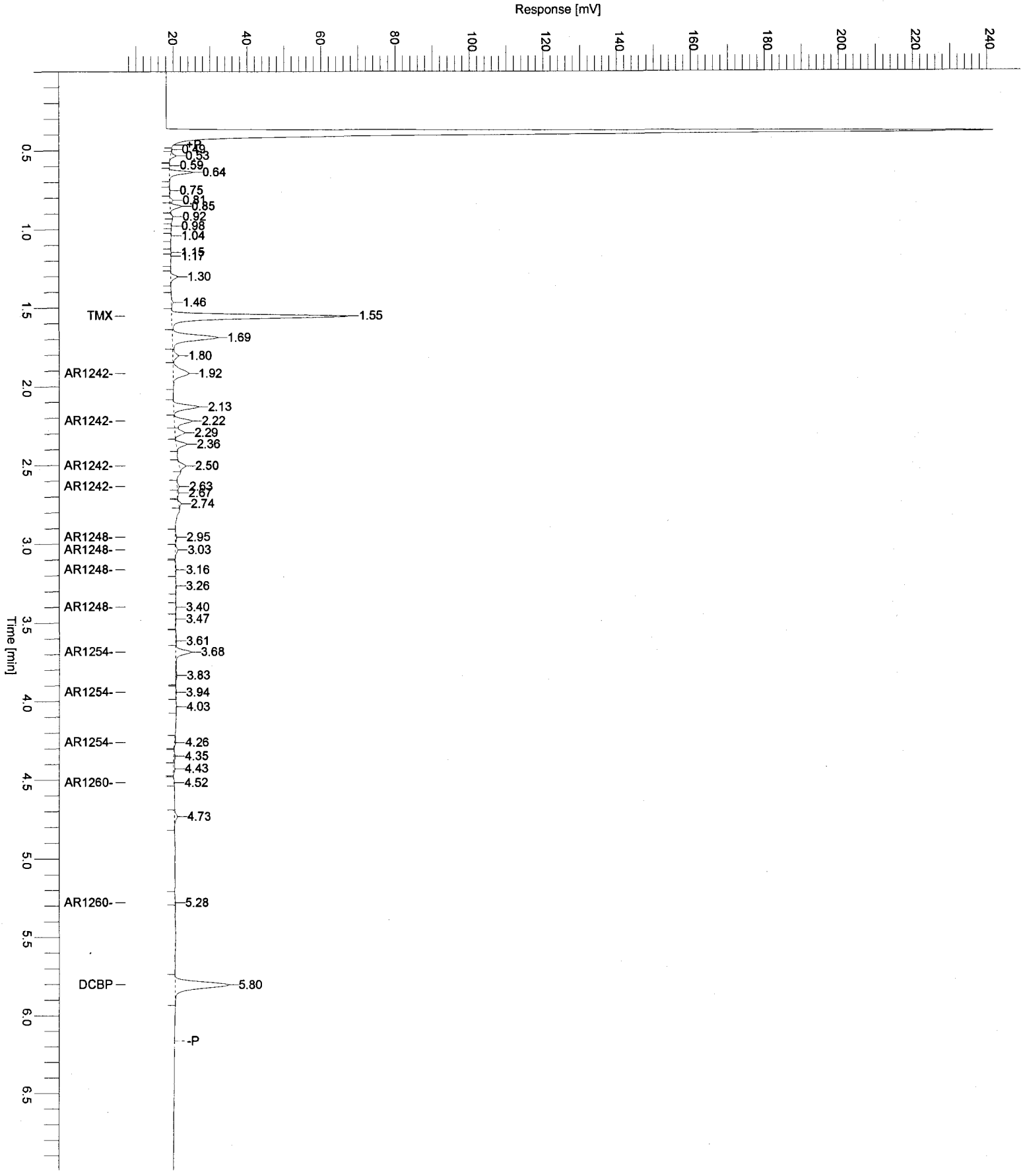
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	3.74		0	AR1254-A	0.0000	-------	-
-	3.81		0	AR1254-B	0.0000	-------	-
-	4.36		0	AR1254-C	0.0000	-------	-
-	4.56		0	AR1254-D	0.0000	-------	-
			0			0.0000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	4.85		0	AR1260-A	0.0000	-------	-
27	5.05	BV	2221	AR1260-B	-0.0129	-3e-03	4
-	5.37		0	AR1260-C	0.0000	-------	-
-	5.50		0	AR1260-D	0.0000	-------	-
			2221			-3e-03	

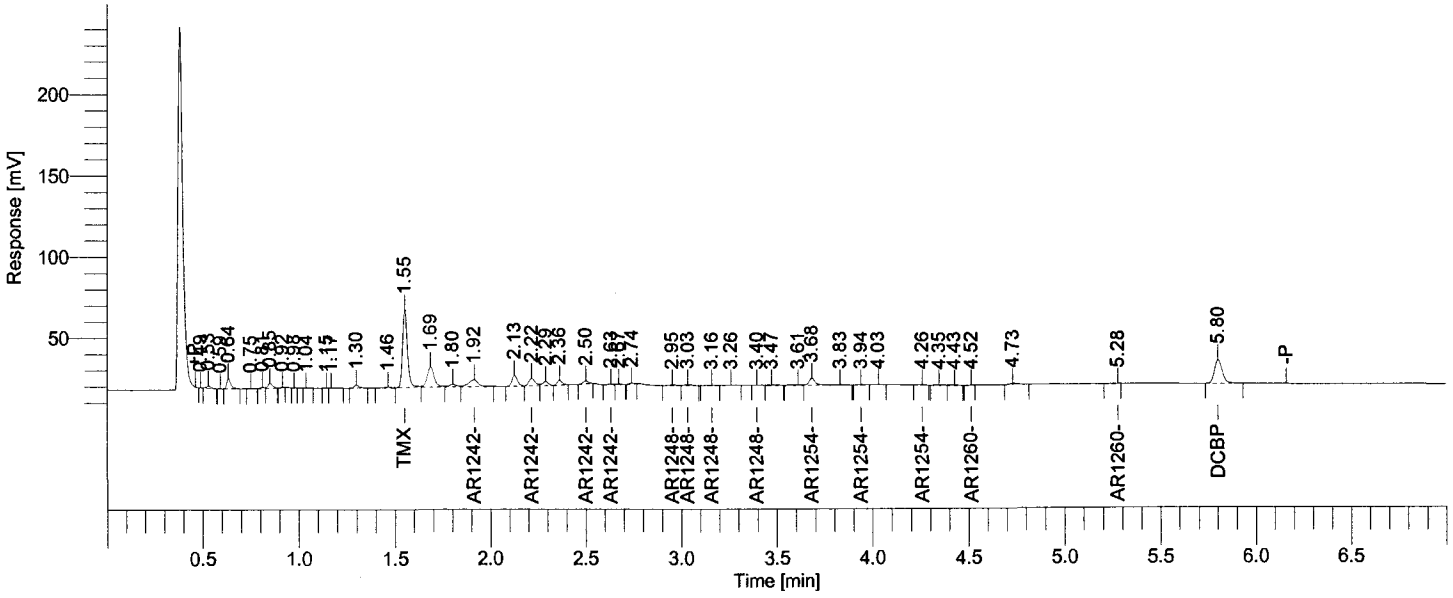
Chromatogram

Sample Name : AW60032458 Sample #: A6B30512 Page 1 of 1
FileName : H:\TURBO6\5890-19\19B72171.raw
Date : 10/05/2006 07:55:53
Method : SDPCBINS Time of Injection: 10/05/2006 02:21:49
Start Time : 0.00 min End Time : 7.00 min Low Point : 6.91 mV High Point : 241.64 mV
Scale Factor: 1.0 Plot Offset: 6.91 mV Plot Scale: 234.7 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 07:55:51
Reprocess Number	: buf2042: 123142		
Operator	: tchrom	Sample Name	: AW60032458
Sample Number	: A6B30512	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/05/2006 02:21:49	Cycle	: 28

Raw Data File : H:\TURBO6\5890-19\19B72171.raw <Modified>
Result File : H:\TURBO6\5890-19\19B72171.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B72171.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B72171.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(09-25-06).mth from H:\TURBO6\5890-19\19B72171.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
15	1.55	VV	85501	TMX	0.0148	-------	0
	2.22		28943	AR1242	0.0351	0.0088	4
	3.68		10377	AR1254	0.0069	0.0017	4
44	5.80	BB	40887	DCBP	0.0066	-------	0
			165707			0.0105	

BB 10-6-06

10/05/2006 07:55:51 Result: H:\TURBO6\5890-19\19B72171.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
18	1.92	VB	13945	AR1242-A	0.1402	0.0350	4
20	2.22	VV	10695	AR1242-B	0.0531	0.0133	4
23	2.50	BB	3279	AR1242-C	0.0090	0.0023	4
24	2.63	BV	1025	AR1242-D	0.0064	0.0016	4
			28943			0.0522	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
27	2.95	BV	1247	AR1248-A	0.0047	0.0012	4
28	3.03	VB	1752	AR1248-B	0.0074	0.0019	4
29	3.16	BV	720	AR1248-C	0.0021	5.1e-04	4
31	3.40	BV	344	AR1248-D	0.0015	3.6e-04	4
			4063			0.0039	

VM 10-6-06

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
34	3.68	VE	9289	AR1254-A	0.0200	0.0050	4
36	3.94	BV	348	AR1254-B	0.0015	3.7e-04	4
-	4.11		0	AR1254-C	0.0000	-------	-
38	4.26	BB	740	AR1254-D	0.0019	4.7e-04	4
			10377			0.0059	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
41	4.52	BB	253	AR1260-A	-0.0191	-5e-03	4
-	4.65		0	AR1260-B	0.0000	-------	-
43	5.28	BB	209	AR1260-C	-5e-03	-1e-03	4
-	5.57		0	AR1260-D	0.0000	-------	-
			462			-6e-03	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.: NM-MW-DOT-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B30515

Sample wt/vol: 1055.00 (g/mL) ML Lab File ID: 19A72174.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 09/28/2006 09/29/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 10/04/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/05/2006

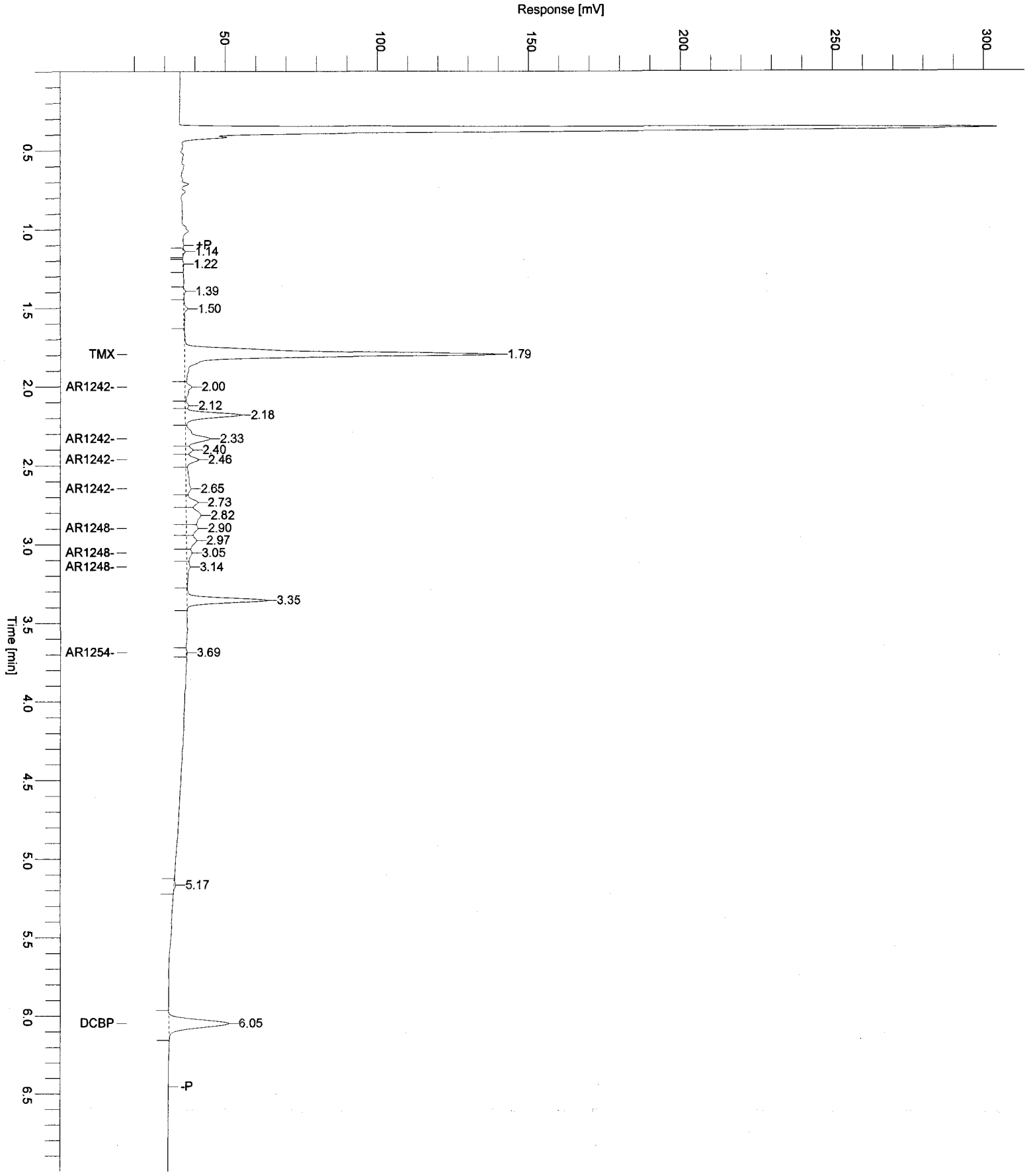
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.47	U
11104-28-2	Aroclor 1221	0.47	U
11141-16-5	Aroclor 1232	0.47	U
53469-21-9	Aroclor 1242	0.47	U
12672-29-6	Aroclor 1248	0.47	U
11097-69-1	Aroclor 1254	0.47	U
11096-82-5	Aroclor 1260	0.47	U

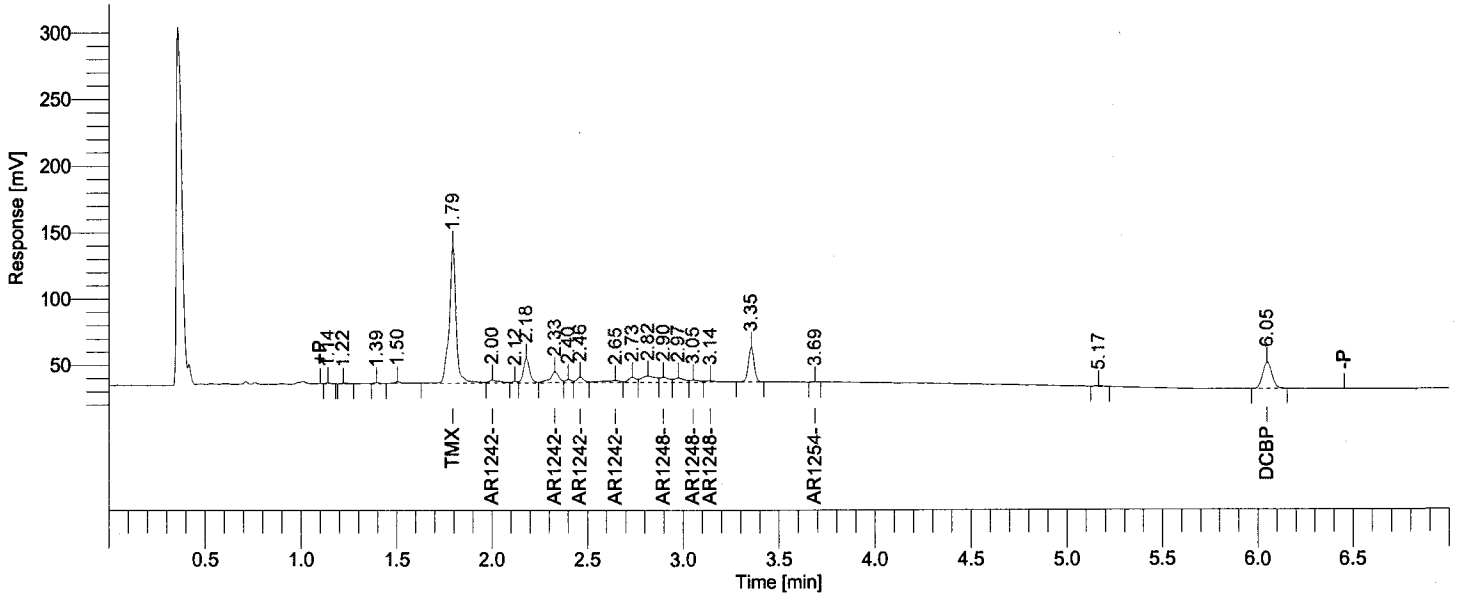
Chromatogram

Sample Name : AW60032461 Sample #: A6B30515 Page 1 of 1
FileName : H:\TURBO6\5890-19\19A72174.raw
Date : 10/06/2006 12:46:02
Method : SDPCBINS Time of Injection: 10/05/2006 08:13:02
Start Time : 0.00 min End Time : 7.00 min Low Point : 17.39 mV High Point : 304.40 mV
Scale Factor: 1.0 Plot Offset: 17.39 mV Plot Scale: 287.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/06/2006 12:46:01
Reprocess Number	: buf2049: 3068		
Operator	: tchrom	Sample Name	: AW60032461
Sample Number	: A6B30515	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/05/2006 08:13:02	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19A72174.raw <Modified>
Result File : H:\TURBO6\5890-19\19A72174.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A72174.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A72174.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(09-25-06).mth from H:\TURBO6\5890-19\19A72174.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
5	1.79	VV	255441	TMX	0.0226	-------	0
	2.33		55855	AR1242	0.0366	0.0091	4
	2.90		24522	AR1248	0.0178	0.0044	4
22	6.05	BB	67138	DCBP	0.0077	-------	0
			402956			0.0136	

10-6-06

10/06/2006 12:46:01 Result: H:\TURBO6\5890-19\19A72174.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
6	2.00	VV	7922	AR1242-A	0.0383	0.0096	4
9	2.33	VV	26554	AR1242-B	0.0635	0.0159	4
11	2.46	VV	10764	AR1242-C	0.0436	0.0109	4
12	2.65	VV	10616	AR1242-D	0.0162	0.0040	4
			55855			0.0404	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
15	2.90	VV	13257	AR1248-A	0.0423	0.0106	4
17	3.05	VV	6037	AR1248-B	0.0117	0.0029	4
18	3.14	VV	5228	AR1248-C	0.0127	0.0032	4
-	3.21		0	AR1248-D	0.0000	-------	-
			24522			0.0167	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
20	3.69	BB	392	AR1254-A	6.0e-04	1.5e-04	4
-	3.81		0	AR1254-B	0.0000	-------	-
-	4.36		0	AR1254-C	0.0000	-------	-
-	4.56		0	AR1254-D	0.0000	-------	-
			392			1.5e-04	

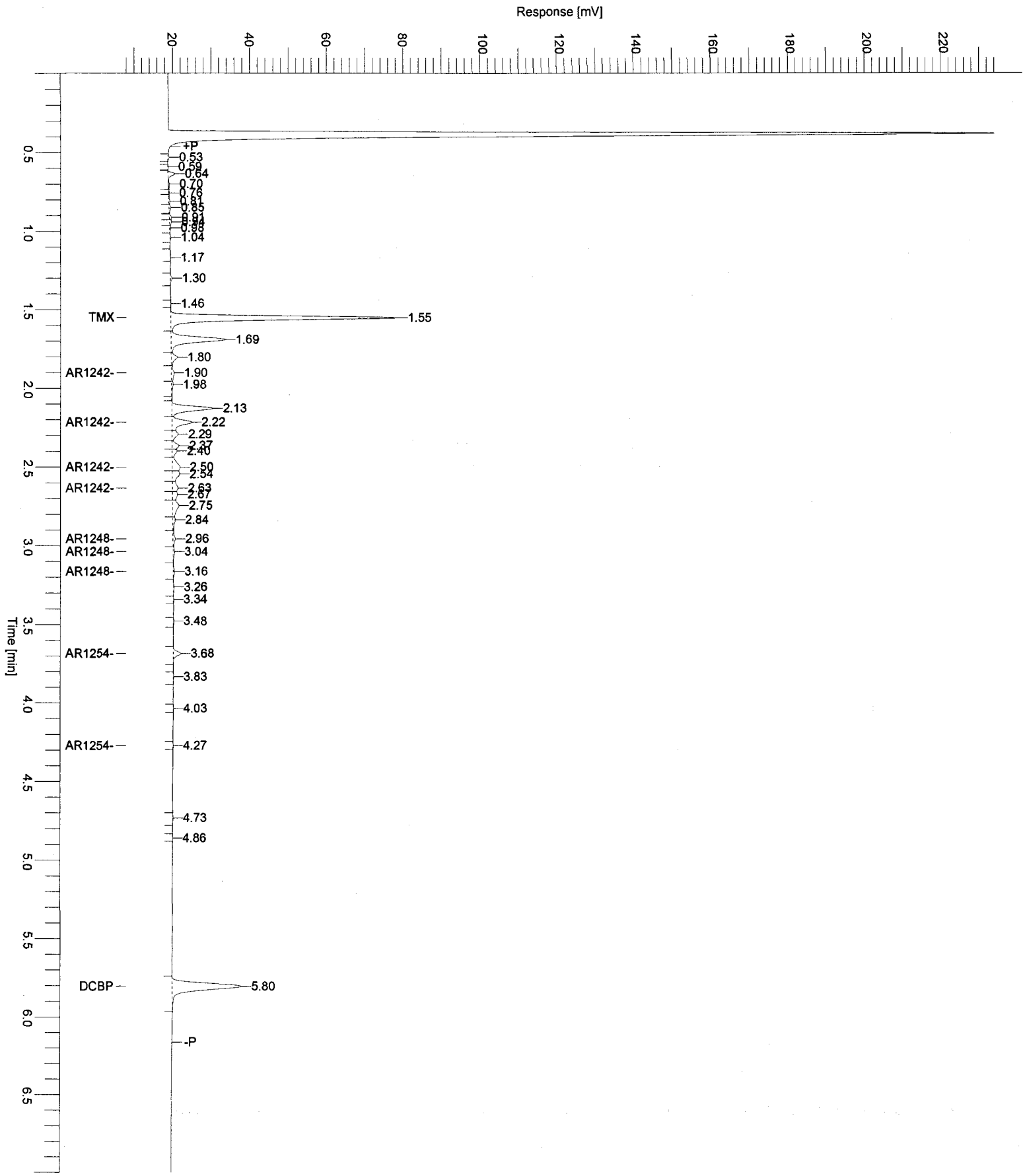
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	4.85		0	AR1260-A	0.0000	-------	-
-	5.06		0	AR1260-B	0.0000	-------	-
-	5.37		0	AR1260-C	0.0000	-------	-
-	5.50		0	AR1260-D	0.0000	-------	-
			0			0.0000	

10-16-06

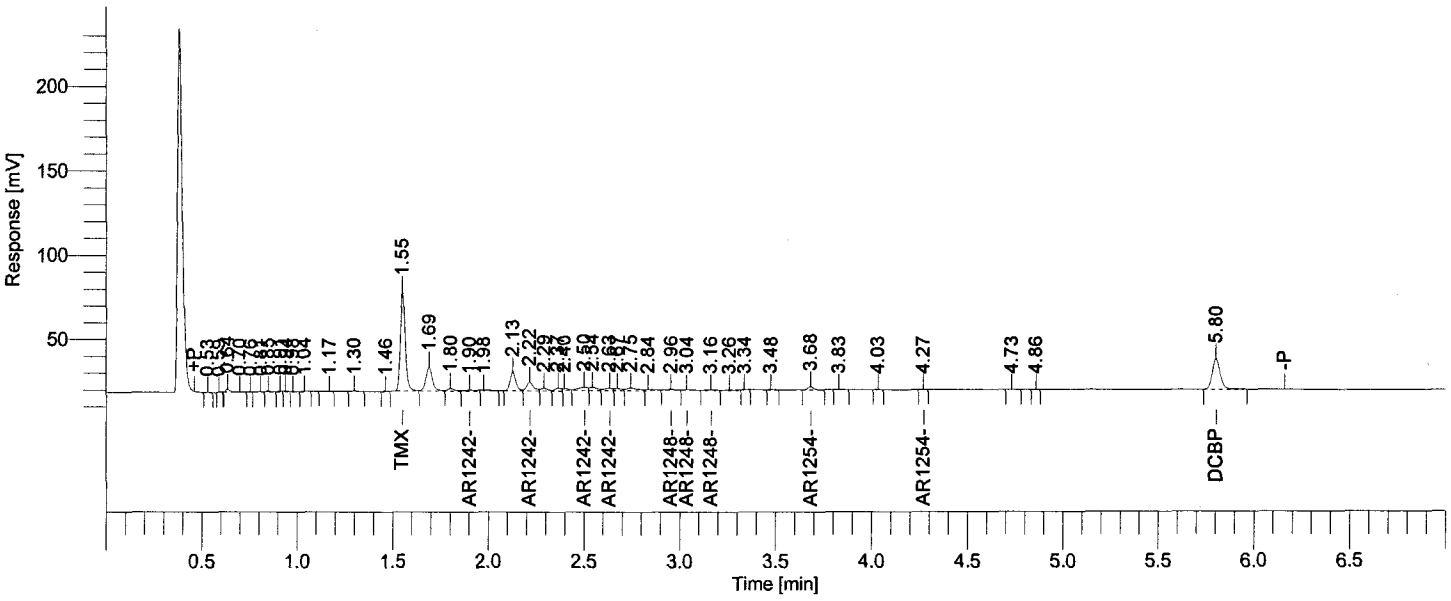
Chromatogram

Sample Name : AW60032461 Sample #: A6B30515 Page 1 of 1
FileName : H:\TURBO6\5890-19\19B72174.raw
Date : 10/05/2006 09:36:58
Method : SDPCBINS Time of Injection: 10/05/2006 08:13:02
Start Time : 0.00 min End Time : 7.00 min Low Point : 7.90 mV High Point : 234.08 mV
Scale Factor: 1.0 Plot Offset: 7.90 mV Plot Scale: 226.2 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 09:36:56
Reprocess Number	: buf2042: 123166		
Operator	: tchrom	Sample Name	: AW60032461
Sample Number	: A6B30515	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/05/2006 08:13:02	Cycle	: 2

Raw Data File : H:\TURBO6\5890-19\19B72174.raw <Modified>
Result File : H:\TURBO6\5890-19\19B72174.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B72174.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B72174.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(09-25-06).mth from H:\TURBO6\5890-19\19B72174.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
15	1.55	VV	105192	TMX	0.0185	-------	0
	2.22		26977	~~AR1242~~	0.0327	0.0082	4
43	5.80	BB	52172	DCBP	0.0088	-------	0
			184341			0.0082	

AJ 10-6-06

10/05/2006 09:36:56 Result: H:\TURBO6\5890-19\19B72174.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
18	1.90	VV	2760	AR1242-A	0.0277	0.0069	4
21	2.22	VV	12616	AR1242-B	0.0626	0.0156	4
25	2.50	VV	7086	AR1242-C	0.0195	0.0049	4
27	2.63	VV	4515	AR1242-D	0.0281	0.0070	4
			26977			0.0345	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
31	2.96	VV	2213	AR1248-A	0.0083	0.0021	4
32	3.04	VV	1357	AR1248-B	0.0057	0.0014	4
33	3.16	VV	1011	AR1248-C	0.0029	7.2e-04	4
-	3.40		0	AR1248-D	0.0000	-------	-
			4581			0.0042	

VAJ 10-6-06

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
37	3.68	BB	3865	AR1254-A	0.0083	0.0021	4
-	3.94		0	AR1254-B	0.0000	-------	-
-	4.11		0	AR1254-C	0.0000	-------	-
40	4.27	BB	80	AR1254-D	2.0e-04	5.1e-05	4
			3945			0.0021	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	4.51		0	AR1260-A	0.0000	-------	-
-	4.65		0	AR1260-B	0.0000	-------	-
-	5.32		0	AR1260-C	0.0000	-------	-
-	5.57		0	AR1260-D	0.0000	-------	-
			0			0.0000	

Standards

PCB INITIAL CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 A Date(s) Analyzed:

Column: ZB-35 09/25/2006 to 09/25/2006

	LEVEL (ng/ul) Area											
COMPOUND	0.025	0.05	0.1	0.25	0.5	1.0	2.5	Curve	R Squared	m_1	m_2	b
AR1016	94409	168901	275132	582743	1005823	1800497	3589266	2nd	0.999778	1966223	-225287	73620
AR1260	53062	96373	175520	391224	721430	1316321	2801024	2nd	0.999895	1424561	-126695	30152
COMPOUND	0.005	0.01	0.02	0.03	0.04	0.05						
TMX	75315	122797	231158	325245	420856	500799		2nd	0.999727	11271582	-31360937	17057
DCBP	45527	87164	146214	205486	259559	301715		2nd	0.999379	7564349	-34721234	10738

Name	Level	File ID:
ICM66OF	0.025	H:\TURBO6\5890-19\19A71067.raw
ICM66OH	0.05	H:\TURBO6\5890-19\19A71066.raw
ICM66OG	0.10	H:\TURBO6\5890-19\19A71065.raw
ICM66OF	0.25	H:\TURBO6\5890-19\19A71064.raw
ICM66OK	0.5	H:\TURBO6\5890-19\19A71063.raw
ICM66OE	1.0	H:\TURBO6\5890-19\19A71062.raw
ICM66OD	2.5	H:\TURBO6\5890-19\19A71061.raw

Curve	Formula
1st Order	Area = Amt*m1 + b
2nd Order	Area = m1*Amt + m2((Amt)^2) + b

SEP 26 2006

FORM VIA PCB

6B

PCB INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 A Date(s) Analyzed:

Column: ZB-35 09/25/2006 to 09/25/2006

	LEVEL					INITIAL	WINDOW
COMPOUND	A	C	E	AVE RT	WINDOW (+/-)	From	To
TMX	1.79	1.79	1.79	1.79	0.08	1.71	1.87
AR1016-A	2.33	2.33	2.33	2.33	0.08	2.25	2.41
AR1016-B	2.46	2.46	2.46	2.46	0.08	2.38	2.54
AR1016-C	2.65	2.65	2.65	2.65	0.08	2.57	2.73
AR1016-D	2.73	2.73	2.73	2.73	0.08	2.65	2.81
AR1260-A	4.85	4.85	4.85	4.85	0.08	4.77	4.93
AR1260-B	5.06	5.06	5.06	5.06	0.08	4.98	5.14
AR1260-C	5.37	5.38	5.37	5.37	0.08	5.29	5.45
AR1260-D	5.50	5.50	5.50	5.50	0.08	5.42	5.58
DCBP	6.05	6.05	6.05	6.05	0.08	5.97	6.13

PCB SINGLE POINT CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo

Instrument: HP5890-19 A Date(s) Analyzed:

Column: ZB-35 09/25/2006 to 09/25/2006

	LEVEL (ng/ul)				
COMPOUND	0.5				
		Calibration Factor	File ID:	Date	Time
	Area				
AR1221	296648	593296	H:\TURBO6\5890-19\19A71051.raw	09/25/2006	15:07
AR1232	440191	880382	H:\TURBO6\5890-19\19A71053.raw	09/25/2006	15:45
AR1242	763544	1527088	H:\TURBO6\5890-19\19A71055.raw	09/25/2006	16:24
AR1248	689304	1378608	H:\TURBO6\5890-19\19A71057.raw	09/25/2006	17:03
AR1254	1159612	2319224	H:\TURBO6\5890-19\19A71059.raw	09/25/2006	17:41

SEP 26 2006

FORM VIA PCB

6B

PCB INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo

Instrument: HP5890-19 A Date(s) Analyzed:

Column: ZB-35 09/25/2006 to 09/25/2006

			INITIAL	WINDOW
COMPOUND	Retention Time	WINDOW (+/-)	From	To
AR1221-A	1.39	0.08	1.31	1.47
AR1221-B	1.63	0.08	1.55	1.71
AR1221-C	1.92	0.08	1.84	2.00
AR1221-D	2.03	0.08	1.95	2.11
AR1232-A	1.92	0.08	1.84	2.00
AR1232-B	2.46	0.08	2.38	2.54
AR1232-C	2.65	0.08	2.57	2.73
AR1232-D	3.06	0.08	2.98	3.14
AR1242-A	2.03	0.08	1.95	2.11
AR1242-B	2.33	0.08	2.25	2.41
AR1242-C	2.46	0.08	2.38	2.54
AR1242-D	2.65	0.08	2.57	2.73
AR1248-A	2.90	0.08	2.82	2.98
AR1248-B	3.06	0.08	2.98	3.14
AR1248-C	3.14	0.08	3.06	3.22
AR1248-D	3.21	0.08	3.13	3.29
AR1254-A	3.74	0.08	3.66	3.82
AR1254-B	3.81	0.08	3.73	3.89
AR1254-C	4.36	0.08	4.28	4.44
AR1254-D	4.56	0.08	4.48	4.64

PCB INITIAL CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 B Date(s) Analyzed:

Column: ZB-5 09/25/2006 to 09/25/2006

	LEVEL (ng/ul) Area											
COMPOUND	0.025	0.05	0.1	0.25	0.5	1.0	2.5	Curve	R Squared	m_1	m_2	b
AR1016	38115	74531	135447	292245	496902	936075	1865853	2nd	0.999728	1025293	-115689	25523
AR1260	30298	62663	107313	249822	432601	814521	1684806	2nd	0.999816	885297	-87520	18228
COMPOUND	0.005	0.01	0.02	0.03	0.04	0.05			R Squared	m_1	m_2	b
TMX	32042	59657	110911	158749	208428	239538		2nd	0.998977	6049223	-24951897	1593
DCBP	32352	58695	106128	147807	189936	225029		2nd	0.999866	5315740	-18956651	6791

Name	Level	File ID:
ICM66OF	0.025	H:\TURBO6\5890-19\19B71067.raw
ICM66OH	0.05	H:\TURBO6\5890-19\19B71066.raw
ICM66OG	0.10	H:\TURBO6\5890-19\19B71065.raw
ICM66OF	0.25	H:\TURBO6\5890-19\19B71064.raw
ICM66OK	0.5	H:\TURBO6\5890-19\19B71063.raw
ICM66OE	1.0	H:\TURBO6\5890-19\19B71062.raw
ICM66OD	2.5	H:\TURBO6\5890-19\19B71061.raw

Curve	Formula
1st Order	Area = Amt*m1 + b
2nd Order	Area = m1*Amt + m2((Amt)^2) + b

SEP 26 2006

FORM VIA PCB

6B

PCB INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 B Date(s) Analyzed:

Column: ZB-5 09/25/2006 to 09/25/2006

	LEVEL					INITIAL	WINDOW
COMPOUND	A	C	E	AVE RT	WINDOW (+/-)	From	To
TMX	1.55	1.55	1.55	1.55	0.08	1.47	1.63
AR1016-A	1.92	1.92	1.92	1.92	0.08	1.84	2.00
AR1016-B	2.22	2.22	2.21	2.22	0.08	2.14	2.30
AR1016-C	2.50	2.50	2.50	2.50	0.08	2.42	2.58
AR1016-D	2.61	2.61	2.61	2.61	0.08	2.53	2.69
AR1260-A	4.51	4.51	4.51	4.51	0.08	4.43	4.59
AR1260-B	4.65	4.65	4.64	4.65	0.08	4.57	4.73
AR1260-C	5.32	5.32	5.32	5.32	0.08	5.24	5.40
AR1260-D	5.57	5.57	5.57	5.57	0.08	5.49	5.65
DCBP	5.81	5.81	5.80	5.81	0.08	5.73	5.89

PCB SINGLE POINT CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo

Instrument: HP5890-19 B Date(s) Analyzed:

Column: ZB-5 09/25/2006 to 09/25/2006

	LEVEL (ng/ul)				
COMPOUND	0.5				
		Calibration Factor	File ID:	Date	Time
	Area				
AR1221	163026	326052	H:\TURBO6\5890-19\19B71051.raw	09/25/2006	15:07
AR1232	223627	447254	H:\TURBO6\5890-19\19B71053.raw	09/25/2006	15:45
AR1242	412266	824532	H:\TURBO6\5890-19\19B71055.raw	09/25/2006	16:24
AR1248	545504	1091008	H:\TURBO6\5890-19\19B71057.raw	09/25/2006	17:03
AR1254	746687	1493374	H:\TURBO6\5890-19\19B71059.raw	09/25/2006	17:41

SEP 26 2006

FORM VIA PCB

6B

PCB INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: STL Buffalo

Instrument: HP5890-19 B Date(s) Analyzed:

Column: ZB-5 09/25/2006 to 09/25/2006

			INITIAL WINDOW	
COMPOUND	Retention Time	WINDOW (+/-)	From	To
AR1221-A	1.30	0.08	1.22	1.38
AR1221-B	1.51	0.08	1.43	1.59
AR1221-C	1.78	0.08	1.70	1.86
AR1221-D	1.92	0.08	1.84	2.00
AR1232-A	1.69	0.08	1.61	1.77
AR1232-B	2.50	0.08	2.42	2.58
AR1232-C	2.61	0.08	2.53	2.69
AR1232-D	2.96	0.08	2.88	3.04
AR1242-A	1.92	0.08	1.84	2.00
AR1242-B	2.21	0.08	2.13	2.29
AR1242-C	2.50	0.08	2.42	2.58
AR1242-D	2.61	0.08	2.53	2.69
AR1248-A	2.95	0.08	2.87	3.03
AR1248-B	3.05	0.08	2.97	3.13
AR1248-C	3.18	0.08	3.10	3.26
AR1248-D	3.40	0.08	3.32	3.48
AR1254-A	3.70	0.08	3.62	3.78
AR1254-B	3.94	0.08	3.86	4.02
AR1254-C	4.11	0.08	4.03	4.19
AR1254-D	4.22	0.08	4.14	4.30

TotalChrom Method File H:\TURBO6\5890-19\SA66(09-25-06).mth
Printed by : DelongG on: 09/26/2006 09:06:20
Created by : DelongG on: 09/25/2006 14:37:58
Edited by : DelongG on: 09/26/2006 09:06:14
Number of Times Edited : 4
Number of Times Calibrated : 357
Description: NEW 7 PT. 1016/1260 CURVE FOR INST #19 9/25/06.

Processed by: BAD 9/26/06
Reviewed by: SEP 26 2006

Global Sample Information
Default Sample Volume : 1.000 uL
Quantitation Units : ng
Void Time : 0.000 min
Correct amounts during calibration : Yes
Convert unknowns to concentration units : Yes
Reject outliers during calibration : No

An External Standard calibration will be used
Unknown peaks will be quantitated using a response factor of 1.000000e+06
First peak will be relative retention reference

Component Information
TMX
Component Type : Single Peak Component
Retention Time : 1.793 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.030000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.020000
Value 6 : -1.000000
Value 7 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	75315.36	34835.43	----------	----------	1
B	0.0100	122796.96	62324.40	----------	----------	1
C	0.0200	231158.37	112423.44	----------	----------	1
D	0.0300	325245.06	158668.35	----------	----------	1
E	0.0400	420856.16	204753.33	----------	----------	1
F	0.0500	500799.31	233291.09	----------	----------	1

Calibration Curve : y = (17057.521586) + (11271582.441960)x + (-31360937.693333)x^2 + (0.000000)x^3
R-squared : 0.999727

09/26/2006 09:06:20 Method: H:\TURBO6\5890-19\SA66(09-25-06).mth

AR1016-A
Component Type : Single Peak Component
Retention Time : 2.329 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	45731.53	13805.84	----------	----------	1
b	0.1000	70788.81	23721.28	----------	----------	1
c	0.2500	150698.93	48994.52	----------	----------	1
d	0.5000	257726.13	83975.37	----------	----------	1
e	1.0000	449802.05	147794.02	----------	----------	1
f	2.5000	871616.37	279987.50	----------	----------	1
H	0.0250	23463.93	7650.48	----------	----------	1

Calibration Curve : y = (20555.293132) + (498448.425853)x + (-63320.662434)x^2 + (0.000000)x^3
R-squared : 0.999587

AR1016-B
Component Type : Single Peak Component
Retention Time : 2.462 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

09/26/2006 09:06:20 Method: H:\TURBO6\5890-19\SA66(09-25-06).mth

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	26476.74	10350.26	----------	----------	1
b	0.1000	41424.64	17843.38	----------	----------	1
c	0.2500	88891.37	37411.60	----------	----------	1
d	0.5000	154282.16	65126.79	----------	----------	1
e	1.0000	273273.30	115768.52	----------	----------	1
f	2.5000	544095.61	227572.98	----------	----------	1
H	0.0250	15744.90	5796.94	----------	----------	1

Calibration Curve : y = (11937.827385) + (298247.197899)x + (-34204.429388)x^2 + (0.000000)x^3
R-squared : 0.999797

AR1016-C
Component Type : Single Peak Component
Retention Time : 2.649 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	64166.76	24086.63	----------	----------	1
b	0.1000	110317.76	42816.19	----------	----------	1
c	0.2500	233574.81	89314.18	----------	----------	1
d	0.5000	409236.98	156302.14	----------	----------	1
e	1.0000	750228.52	286704.37	----------	----------	1
f	2.5000	1522156.52	582713.68	----------	----------	1
H	0.0250	36978.36	13571.31	----------	----------	1

Calibration Curve : y = (25384.566006) + (813943.517161)x + (-86162.174102)x^2 + (0.000000)x^3
R-squared : 0.999877

AR1016
Component Type : Named Group
Group Members
AR1016-A
AR1016-B
AR1016-C
AR1016-D
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1

Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.600000
Value 4 : 0.000000
Value 5 : 0.250000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Repiicates
a	0.0500	168901.10	60833.37	----------	----------	1
b	0.1000	275131.73	106025.83	----------	----------	1
c	0.2500	582743.32	220661.91	----------	----------	1
d	0.5000	1005822.84	383274.46	----------	----------	1
e	1.0000	1800496.69	690841.14	----------	----------	1
f	2.5000	3589265.91	1.37e+06	----------	----------	1
H	0.0250	94409.38	34253.65	----------	----------	1

Calibration Curve : y = (73620.935710) + (1966223.038360)x + (-224286.780318)x^2 + (0.000000)x^3
R-squared : 0.999778

AR1016-D
Component Type : Single Peak Component
Retention Time : 2.726 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	32526.08	12590.64	----------	----------	1
b	0.1000	52600.53	21644.98	----------	----------	1
c	0.2500	109578.20	44941.61	----------	----------	1
d	0.5000	184577.57	77870.16	----------	----------	1
e	1.0000	327192.82	140574.22	----------	----------	1
f	2.5000	651397.41	279847.55	----------	----------	1
h	0.0250	18222.19	7234.91	----------	----------	1

Calibration Curve : y = (15743.249186) + (355583.897447)x + (-40599.514394)x^2 + (0.000000)x^3
R-squared : 0.999632

09/26/2006 09:06:20 Method: H:\TURBO6\5890-19\SA66(09-25-06).mth

AR1260
Component Type : Named Group
Group Members
AR1260-A
AR1260-B
AR1260-C
AR1260-D
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.600000
Value 4 : 0.000000
Value 5 : 0.250000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	96372.96	33836.65	----------	----------	1
b	0.1000	175520.16	62874.23	----------	----------	1
c	0.2500	391224.42	133444.59	----------	----------	1
d	0.5000	721430.15	238541.09	----------	----------	1
e	1.0000	1316320.82	439409.79	----------	----------	1
f	2.5000	2801023.63	922063.32	----------	----------	1
H	0.0250	53062.05	18562.57	----------	----------	1

Calibration Curve : y = (30152.061796) + (1424561.746988)x + (-126695.286049)x^2 + (0.000000)x^3
R-squared : 0.999895

AR1260-A
Component Type : Single Peak Component
Retention Time : 4.846 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find largest peak in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

09/26/2006 09:06:20 Method: H:\TURBO6\5890-19\SA66(09-25-06).mth

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	50815.70	17585.27	----------	----------	1
b	0.1000	93553.50	32058.27	----------	----------	1
c	0.2500	220392.27	69353.82	----------	----------	1
d	0.5000	401220.30	123189.79	----------	----------	1
e	1.0000	732197.90	227551.91	----------	----------	1
f	2.5000	1530363.98	477053.81	----------	----------	1
H	0.0250	28214.75	9715.24	----------	----------	1

Calibration Curve : y = (14117.701495) + (803740.155919)x + (-79018.656241)x^2 + (0.000000)x^3
R-squared : 0.999875

AR1260-B
Component Type : Single Peak Component
Retention Time : 5.062 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	24031.01	9263.60	----------	----------	1
b	0.1000	46204.27	17550.86	----------	----------	1
c	0.2500	99381.62	37617.91	----------	----------	1
d	0.5000	185380.68	67497.89	----------	----------	1
e	1.0000	339419.42	124487.08	----------	----------	1
f	2.5000	713032.12	260828.80	----------	----------	1
H	0.0250	12857.43	4986.07	----------	----------	1

Calibration Curve : y = (6997.128488) + (369868.959810)x + (-35025.952989)x^2 + (0.000000)x^3
R-squared : 0.999908

AR1260-C
Component Type : Single Peak Component
Retention Time : 5.373 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1

09/26/2006 09:06:20 Method: H:\TURBO6\5890-19\SA66(09-25-06).mth

Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	7639.84	2237.44	----------	----------	1
b	0.1000	10601.04	3970.57	----------	----------	1
c	0.2500	24473.30	8976.08	----------	----------	1
d	0.5000	48186.24	16642.25	----------	----------	1
e	1.0000	87618.62	30567.39	----------	----------	1
f	2.5000	209439.04	66411.87	----------	----------	1
H	0.0250	3760.32	1157.91	----------	----------	1

Calibration Curve : y = (2444.519306) + (88796.705552)x + (-2418.103302)x^2 + (0.000000)x^3
R-squared : 0.999782

AR1260-D
Component Type : Single Peak Component
Retention Time : 5.502 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	13886.41	4750.34	----------	----------	1
b	0.1000	25161.35	9294.53	----------	----------	1
c	0.2500	46977.23	17496.78	----------	----------	1
d	0.5000	86642.93	31211.17	----------	----------	1
e	1.0000	157084.88	56803.41	----------	----------	1
f	2.5000	348188.49	117768.84	----------	----------	1
h	0.0250	8229.53	2703.35	----------	----------	1

Calibration Curve : y = (6592.712506) + (162155.925707)x + (-10232.573516)x^2 + (0.000000)x^3
R-squared : 0.999808

09/26/2006 09:06:20 Method: H:\TURBO6\5890-19\SA66(09-25-06).mth

DCBP
Component Type : Single Peak Component
Retention Time : 6.049 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.030000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.020000
Value 6 : 0.005000
Value 7 : 1.000000

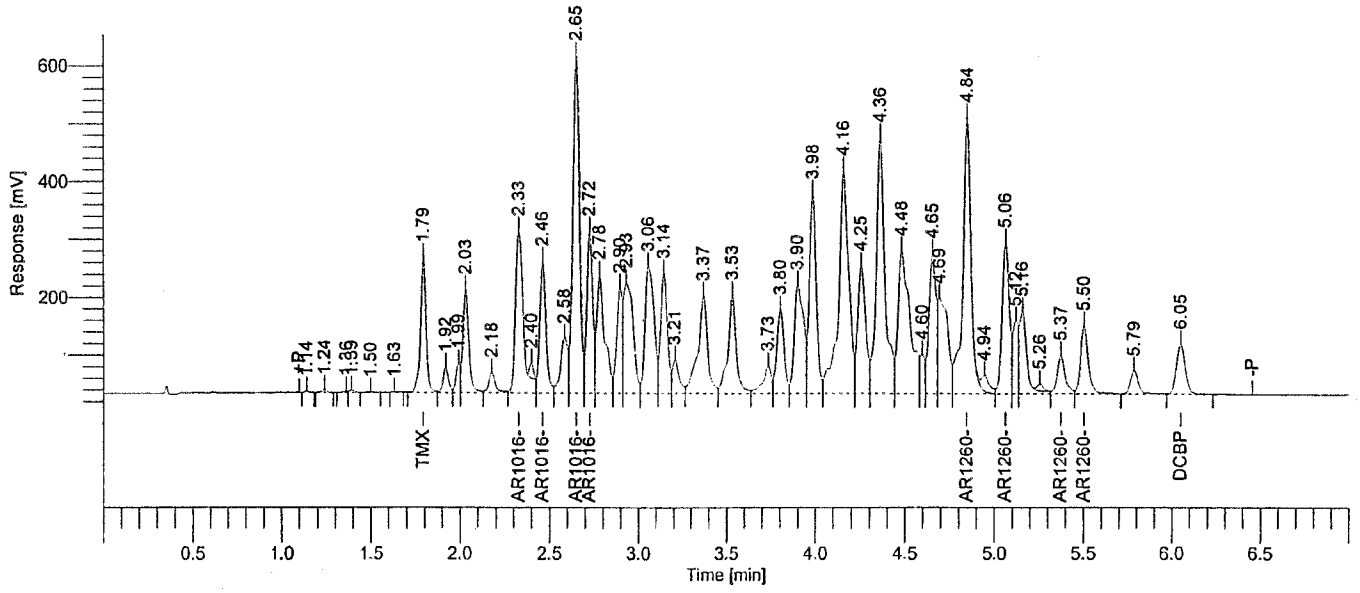
Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	45527.23	13705.46	----------	----------	1
B	0.0100	87163.64	24538.64	----------	----------	1
C	0.0200	146213.71	42057.47	----------	----------	1
D	0.0300	205486.25	58695.19	----------	----------	1
E	0.0400	259558.65	74416.36	----------	----------	1
F	0.0500	301714.93	86708.93	----------	----------	1

Calibration Curve : y = (10837.517978) + (7564349.178238)x + (-34721233.671354)x^2 + (0.000000)x^3
R-squared : 0.999379

Software Version	: 6.2.1.0.104:0104	Date	: 09/26/2006 08:54:37
Reprocess Number	: buf2042: 122447		
Operator	: tchrom	Sample Name	: ICM66OD
Sample Number	: 2.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/25/2006 18:20:22	Cycle	: 11

Raw Data File : H:\TURBO6\5890-19\19A71061.raw <Modified>
Result File : H:\TURBO6\5890-19\19A71061.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A71061.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A71061.rst
Calib Method : h:\turbo6\5890-19\sa66(09-25-06).mth from H:\TURBO6\5890-19\19A71061.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D71.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
7	1.79	VV	500799	TMX	0.0500	-------	0
	2.65		3589266	AR1016	2.5000	0.6250	4
	4.84		2801024	AR1260	2.5000	0.6250	4
46	6.05	BB	301715	DCBP	0.0500	-------	0
			7192804			1.2500	

SEP 2 6 2006

9

09/26/2006 08:54:37 Result: H:\TURBO6\5890-19\19A71061.rst

Group Report For : AR1016

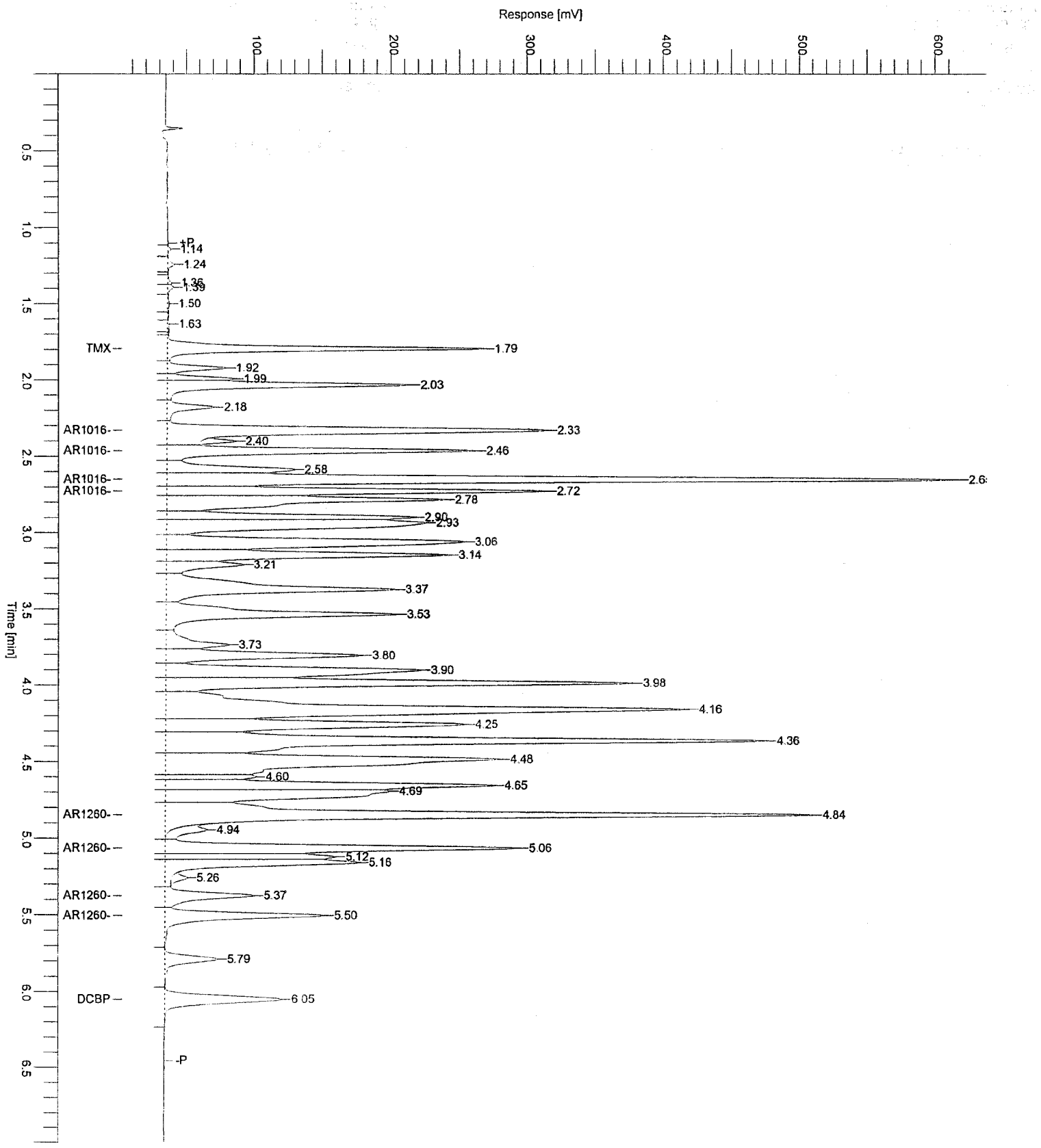
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
12	2.33	VE	871616	AR1016-A	2.5000	0.6250	4
14	2.46	VV	544096	AR1016-B	2.5000	0.6250	4
16	2.65	VV	1522157	AR1016-C	2.5000	0.6250	4
17	2.72	VV	651397	AR1016-D	2.5000	0.6250	4
			3589266			2.5000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
37	4.84	VE	1530364	AR1260-A	2.5000	0.6250	4
39	5.06	VV	713032	AR1260-B	2.5000	0.6250	4
43	5.37	VV	209439	AR1260-C	2.5000	0.6250	4
44	5.50	VB	348188	AR1260-D	2.5000	0.6250	4
			2801024			2.5000	

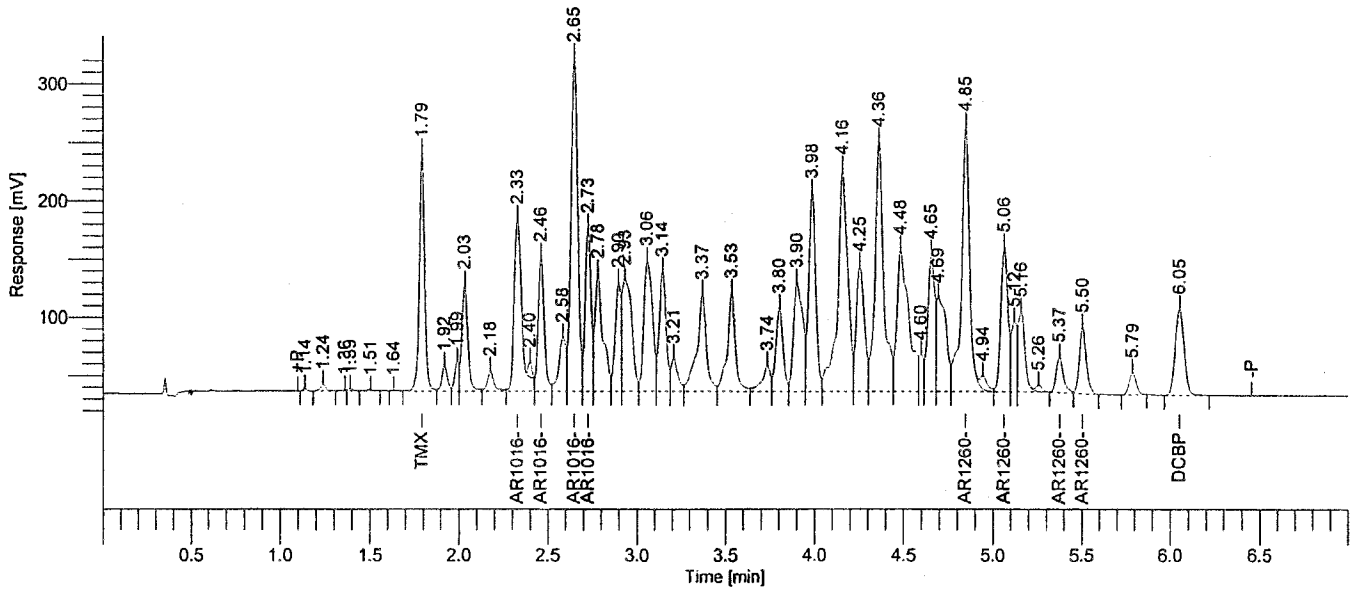
Chromatogram

Sample Name : ICM66OD Sample #: 2.5NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19A71061.raw
Date : 09/26/2006 08:54:39
Method : SDPCBINS Time of Injection: 09/25/2006 18:20:22
Start Time : 0.00 min End Time : 7.00 min Low Point : 2.14 mV High Point : 617 75 mV
Scale Factor: 1.0 Plot Offset: 2.14 mV Plot Scale: 615.6 mV



Software Version	: 6.2.1.0.104:0104	Date	: 09/26/2006 08:54:45
Reprocess Number	: buf2042: 122449		
Operator	: tchrom	Sample Name	: ICM66OE
Sample Number	: 1.0NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/25/2006 18:39:34	Cycle	: 12

Raw Data File : H:\TURBO6\5890-19\19A71062.raw <Modified>
Result File : H:\TURBO6\5890-19\19A71062.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A71062.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A71062.rst
Calib Method : h:\turbo6\5890-19\sa66(09-25-06).mth from H:\TURBO6\5890-19\19A71062.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D71.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
7	1.79	VV	420856	TMX	0.0400	-------	0
	2.65		1800497	AR1016	1.0000	0.2500	4
	4.85		1316321	AR1260	1.0000	0.2500	4
46	6.05	BB	259559	DCBP	0.0400	-------	0
			3797232			0.5000	

SEP 26 2006

09/26/2006 08:54:45 Result: H:\TURBO6\5890-19\19A71062.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
12	2.33	VE	449802	AR1016-A	1.0000	0.2500	4
14	2.46	VV	273273	AR1016-B	1.0000	0.2500	4
16	2.65	VV	750229	AR1016-C	1.0000	0.2500	4
17	2.73	VV	327193	AR1016-D	1.0000	0.2500	4
			1800497			1.0000	

Group Report For : AR1260

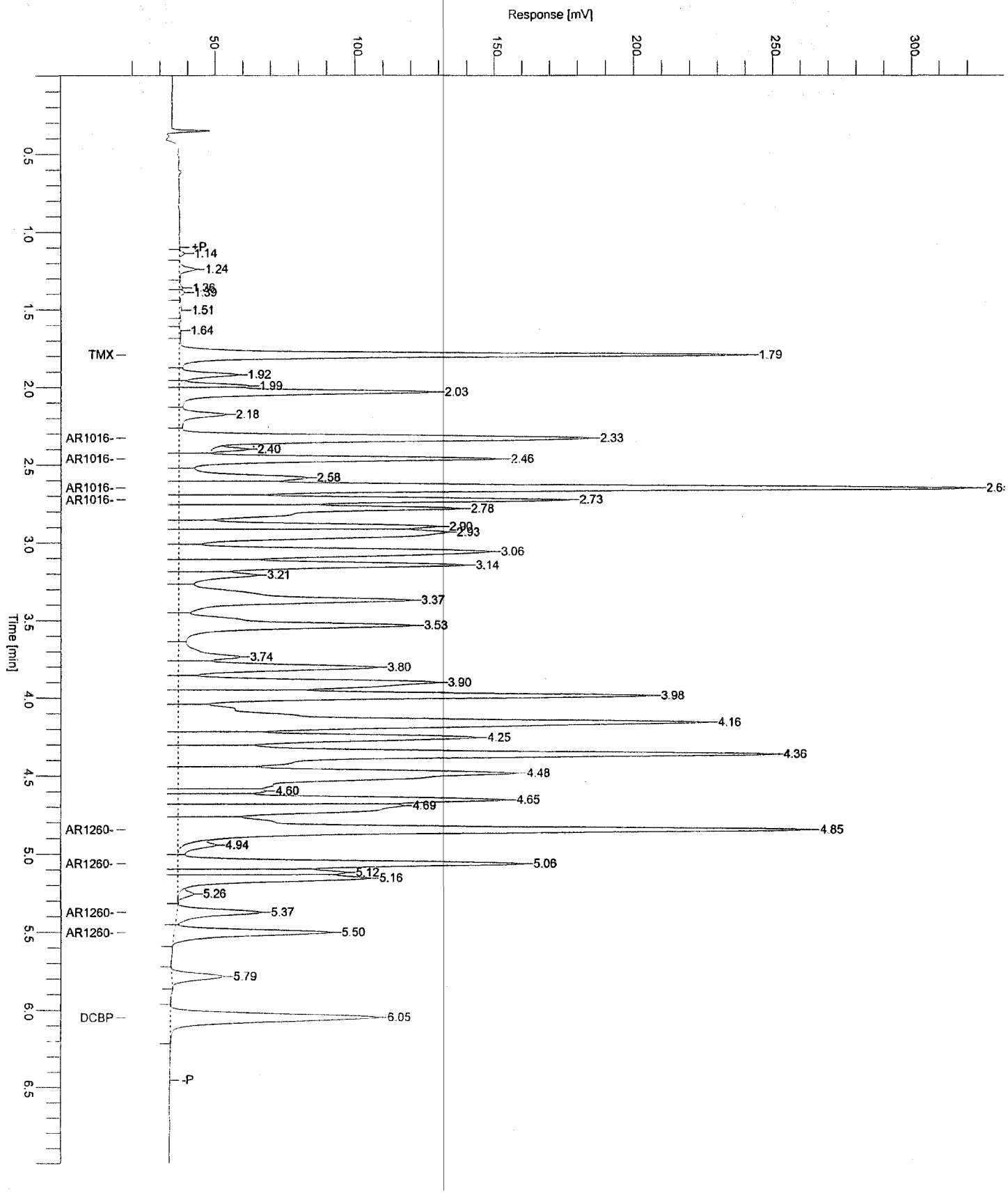
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
37	4.85	VE	732198	AR1260-A	1.0000	0.2500	4
39	5.06	VV	339419	AR1260-B	1.0000	0.2500	4
43	5.37	BV	87619	AR1260-C	1.0000	0.2500	4
44	5.50	VB	157085	AR1260-D	1.0000	0.2500	4
			1316321			1.0000	

Chromatogram

Sample Name : ICM66OE
FileName : H:\TURBO6\5890-19\19A71062.raw
Date : 09/26/2006 08:54:46
Method : SDPCBINS
Start Time : 0.00 min
Scale Factor: 1.0

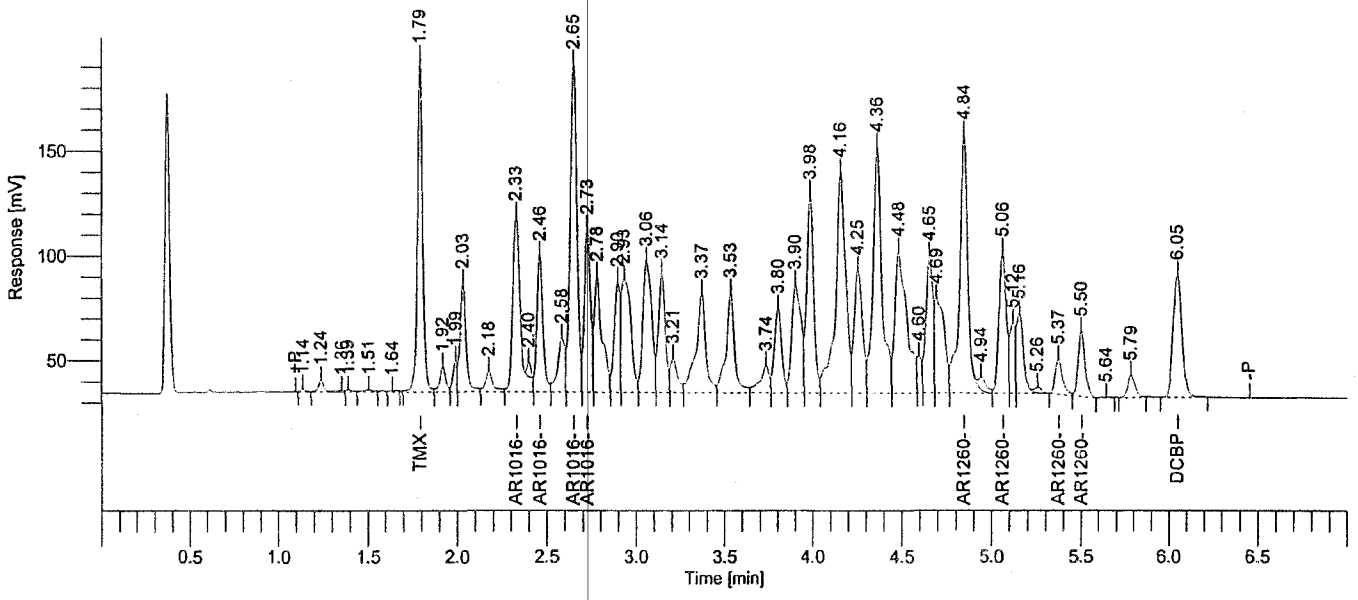
Sample #: 1.0NG
End Time : 7.00 min
Plot Offset: 17.56 mV

Page 1 of 1
Time of Injection: 09/25/2006 18:39:34
Low Point : 17.56 mV
Plot Scale: 305.9 mV
High Point : 323.41 mV



Software Version	: 6.2.1.0.104:0104	Date	: 09/26/2006 08:54:52
Reprocess Number	: buf2042: 122451		
Operator	: tchrom	Sample Name	: ICM66OK
Sample Number	: .5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/25/2006 18:58:53	Cycle	: 13

Raw Data File : H:\TURBO6\5890-19\19A71063.raw <Modified>
Result File : H:\TURBO6\5890-19\19A71063.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A71063.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A71063.rst
Calib Method : h:\turbo6\5890-19\sa66(09-25-06).mth from H:\TURBO6\5890-19\19A71063.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D71.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
7	1.79	VV	325245	TMX	0.0300	-------	0
	2.65		1005823	AR1016	0.5000	0.1250	4
	4.84		721430	AR1260	0.5000	0.1250	4
47	6.05	VB	205486	DCBP	0.0300	-------	0
			2257984			0.2500	

SEP 26 2006

09/26/2006 08:54:52 Result: H:\TURBO6\5890-19\19A71063.rst

Group Report For : AR1016

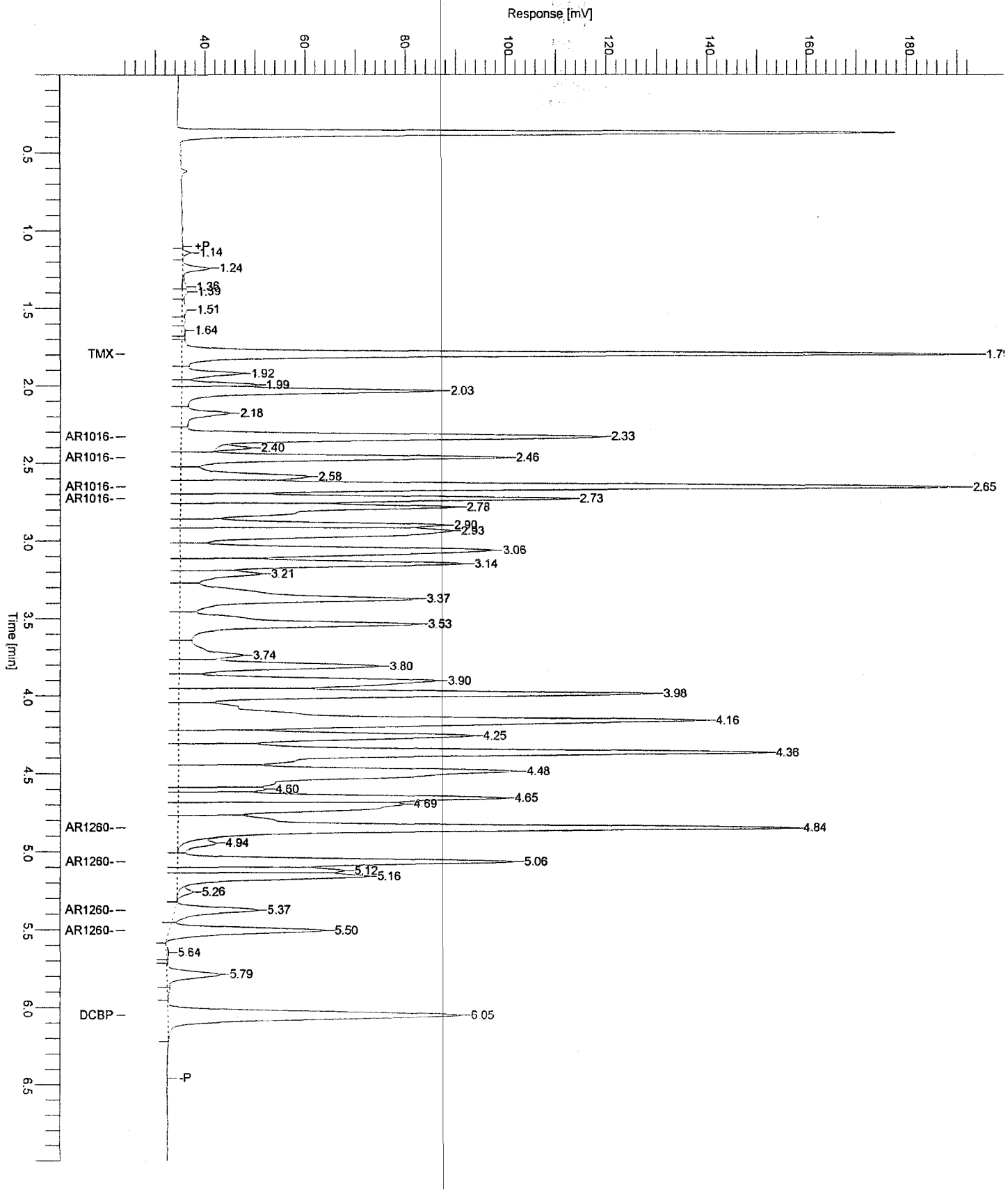
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
12	2.33	VE	257726	AR1016-A	0.5000	0.1250	4
14	2.46	VV	154282	AR1016-B	0.5000	0.1250	4
16	2.65	VV	409237	AR1016-C	0.5000	0.1250	4
17	2.73	VV	184578	AR1016-D	0.5000	0.1250	4
			1005823			0.5000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
37	4.84	VE	401220	AR1260-A	0.5000	0.1250	4
39	5.06	VV	185381	AR1260-B	0.5000	0.1250	4
43	5.37	BV	48186	AR1260-C	0.5000	0.1250	4
44	5.50	VB	86643	AR1260-D	0.5000	0.1250	4
			721430			0.5000	

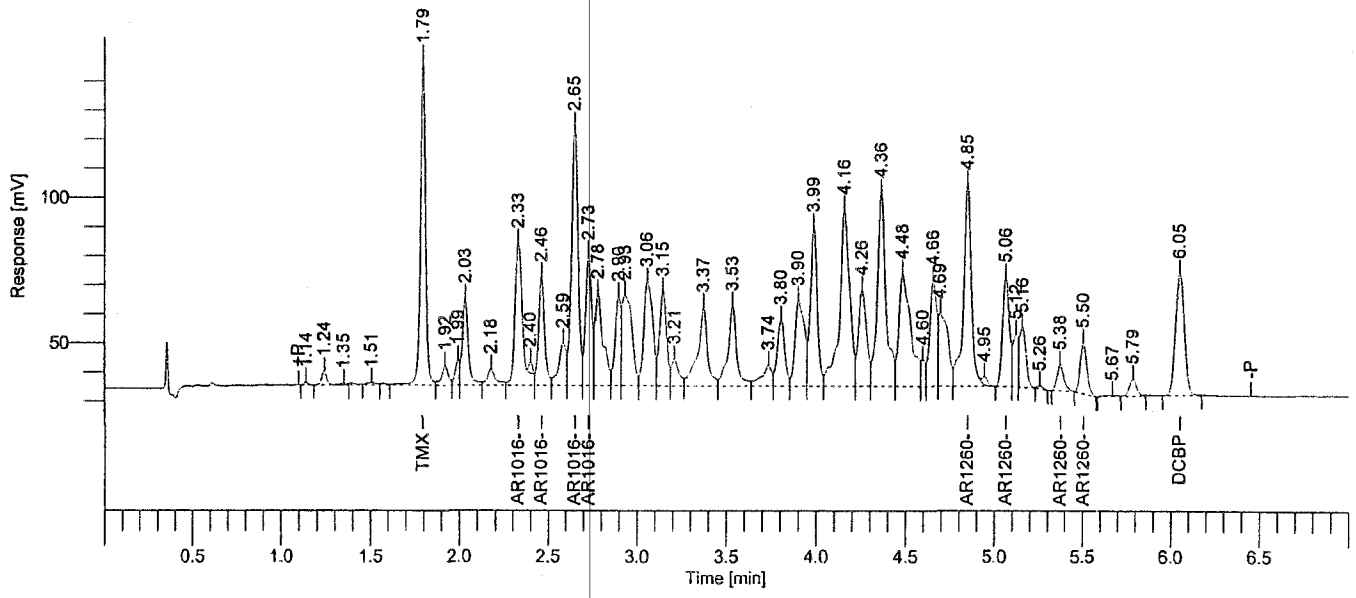
Chromatogram

Sample Name : ICM66OK Sample #: 5NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19A71063.raw
Date : 09/26/2006 08:54:53
Method : SDPCBINS Time of Injection: 09/25/2006 18:58:53
Start Time : 0.00 min End Time : 7.00 min Low Point : 23.96 mV High Point : 193.89 mV
Scale Factor: 1.0 Plot Offset: 23.96 mV Plot Scale: 169.9 mV



Software Version	: 6.2.1.0.104:0104	Date	: 09/26/2006 08:54:59
Reprocess Number	: buf2042: 122453		
Operator	: tchrom	Sample Name	: ICM66OF
Sample Number	: .25NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/25/2006 19:18:14	Cycle	: 14

Raw Data File : H:\TURBO6\5890-19\19A71064.raw <Modified>
Result File : H:\TURBO6\5890-19\19A71064.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A71064.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A71064.rst
Calib Method : h:\turbo6\5890-19\sa66(09-25-06).mth from H:\TURBO6\5890-19\19A71064.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D71.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
5	1.79	VV	231158	TMX	0.0200	-------	0
	2.65		582743	AR1016	0.2500	0.0625	4
	4.85		391224	AR1260	0.2500	0.0625	4
45	6.05	VB	146214	DCBP	0.0200	-------	0
			1351340			0.1250	

SEP 26 2006

09/26/2006 08:54:59 Result: H:\TURBO6\5890-19\19A71064.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
10	2.33	VE	150699	AR1016-A	0.2500	0.0625	4
12	2.46	VV	88891	AR1016-B	0.2500	0.0625	4
14	2.65	VV	233575	AR1016-C	0.2500	0.0625	4
15	2.73	VV	109578	AR1016-D	0.2500	0.0625	4
			582743			0.2500	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
35	4.85	VE	220392	AR1260-A	0.2500	0.0625	4
37	5.06	BV	99382	AR1260-B	0.2500	0.0625	4
41	5.38	BB	24473	AR1260-C	0.2500	0.0625	4
42	5.50	BB	46977	AR1260-D	0.2500	0.0625	4
			391224			0.2500	

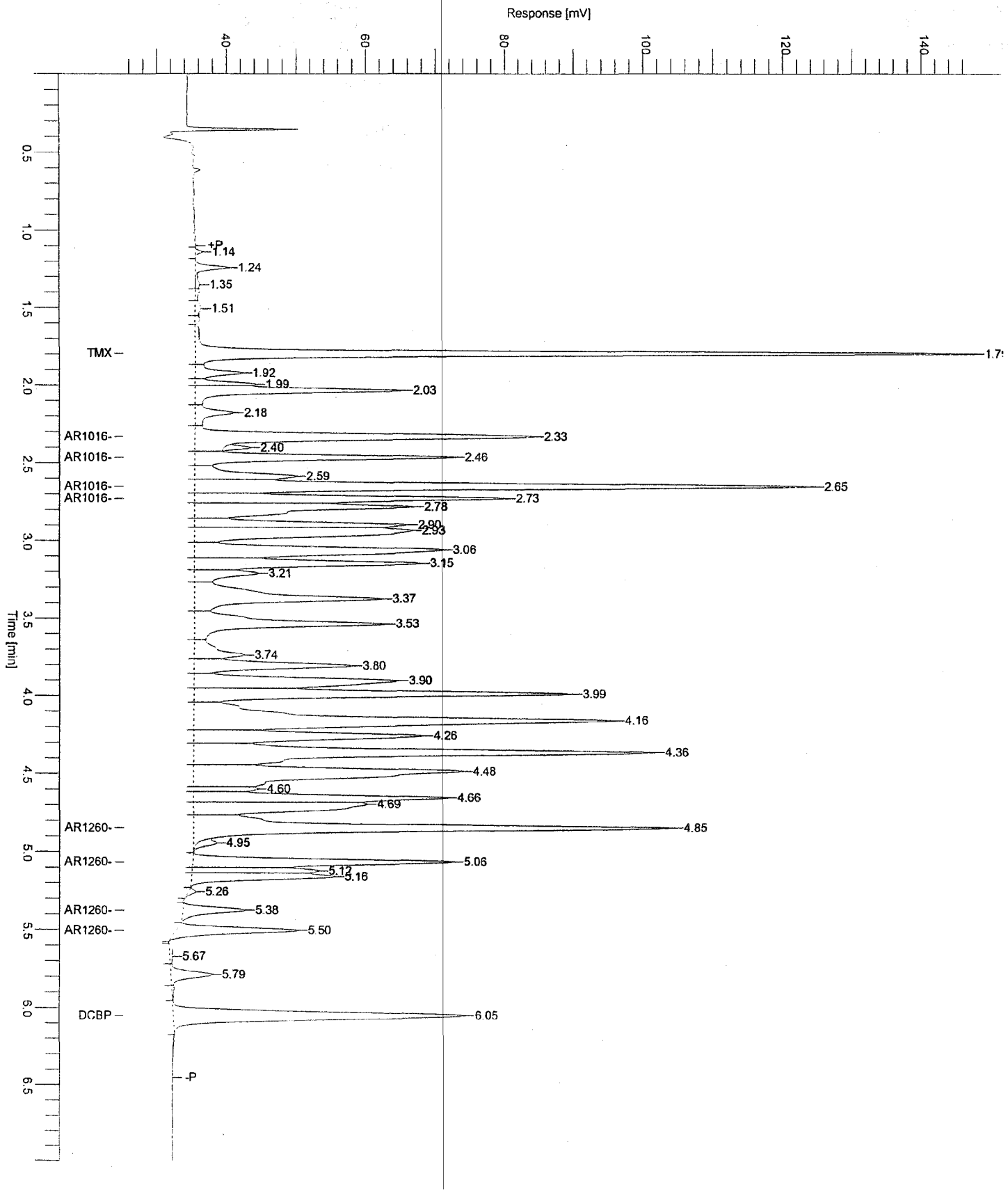
Chromatogram

Sample Name : ICM66OF
FileName : H:\TURBO6\5890-19\19A71064.raw
Date : 09/26/2006 08:55:00
Method : SDPCBINS
Start Time : 0.00 min
Scale Factor: 1.0

Sample #: .25NG
End Time : 7.00 min
Plot Offset: 25.14 mV

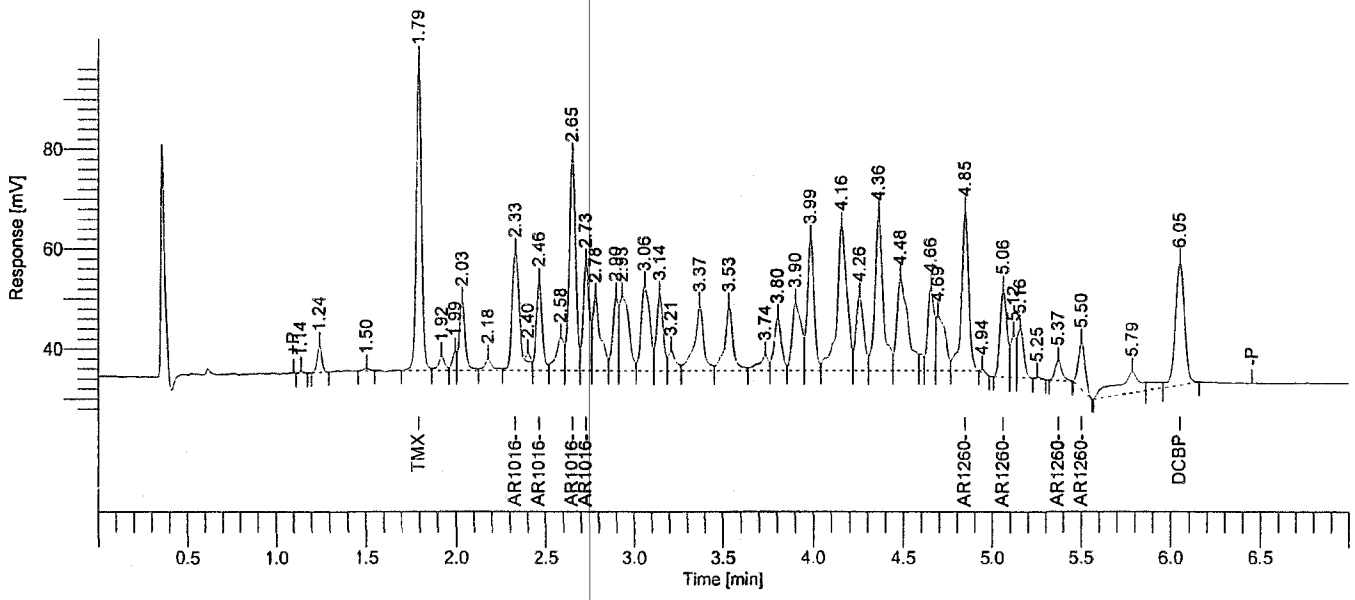
Time of Injection: 09/25/2006 19:18:14
Low Point : 25.14 mV
Plot Scale: 122.6 mV

Page 1 of 1
High Point : 147.78 mV



Software Version	: 6.2.1.0.104:0104	Date	: 09/26/2006 08:55:06
Reprocess Number	: buf2042: 122455		
Operator	: tchrom	Sample Name	: ICM66OG
Sample Number	: .1NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/25/2006 19:37:32	Cycle	: 15

Raw Data File : H:\TURBO6\5890-19\19A71065.raw <Modified>
Result File : H:\TURBO6\5890-19\19A71065.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A71065.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A71065.rst
Calib Method : h:\turbo6\5890-19\sa66(09-25-06).mth from H:\TURBO6\5890-19\19A71065.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D71.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
4	1.79	BV	122797	TMX	0.0100	-------	0
	2.65		275132	AR1016	0.1000	0.0250	4
	4.85		175520	AR1260	0.1000	0.0250	4
42	6.05	VB	87164	DCBP	0.0100	-------	0
			660612			0.0500	

SEP 2 6 2006

09/26/2006 08:55:06 Result: H:\TURBO6\5890-19\19A71065.rst

Group Report For : AR1016

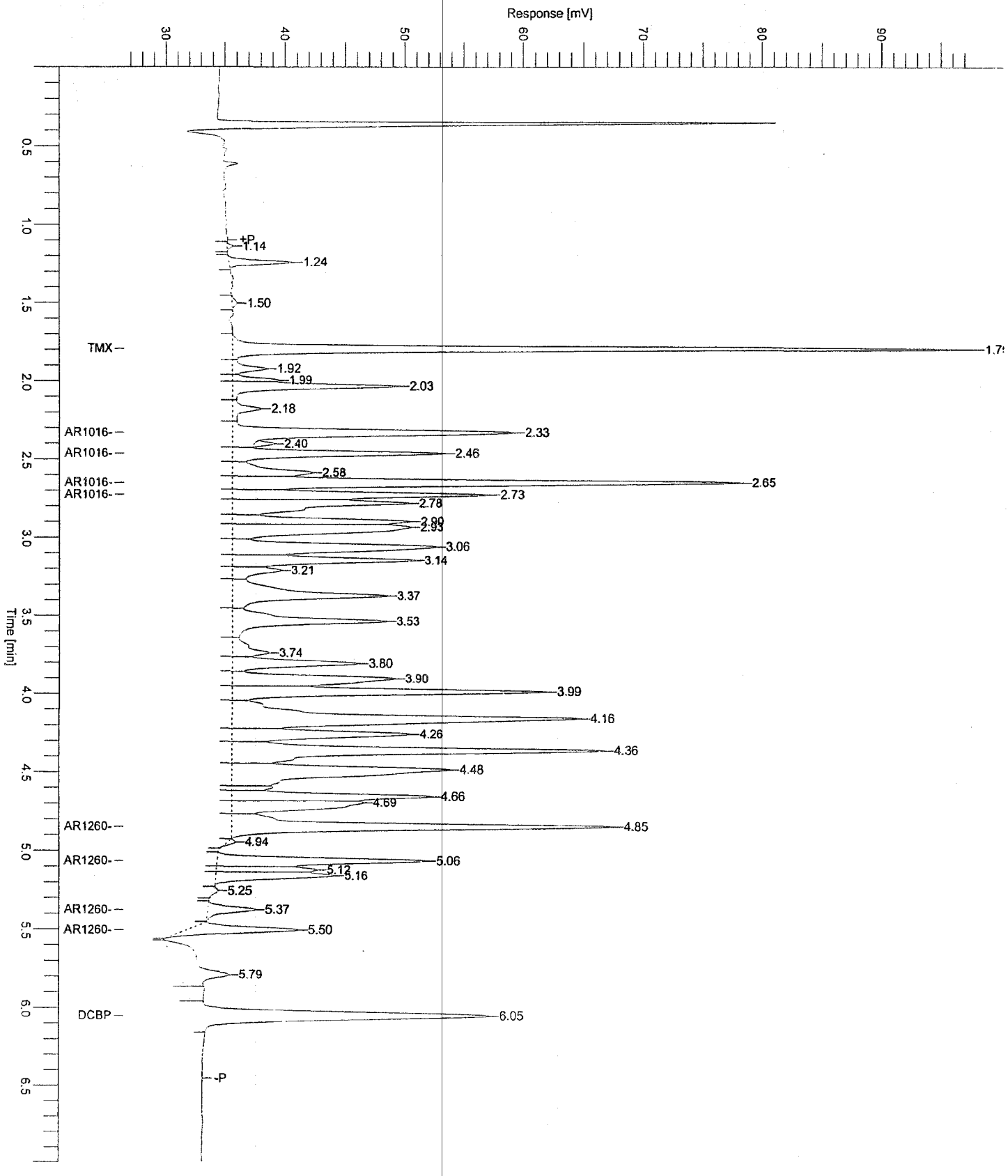
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
9	2.33	VE	70789	AR1016-A	0.1000	0.0250	4
11	2.46	VV	41425	AR1016-B	0.1000	0.0250	4
13	2.65	VV	110318	AR1016-C	0.1000	0.0250	4
14	2.73	VV	52601	AR1016-D	0.1000	0.0250	4
			275132			0.1000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
33	4.85	VB	93554	AR1260-A	0.1000	0.0250	4
35	5.06	BV	46204	AR1260-B	0.1000	0.0250	4
39	5.37	BB	10601	AR1260-C	0.1000	0.0250	4
40	5.50	BB	25161	AR1260-D	0.1000	0.0250	4
			175520			0.1000	

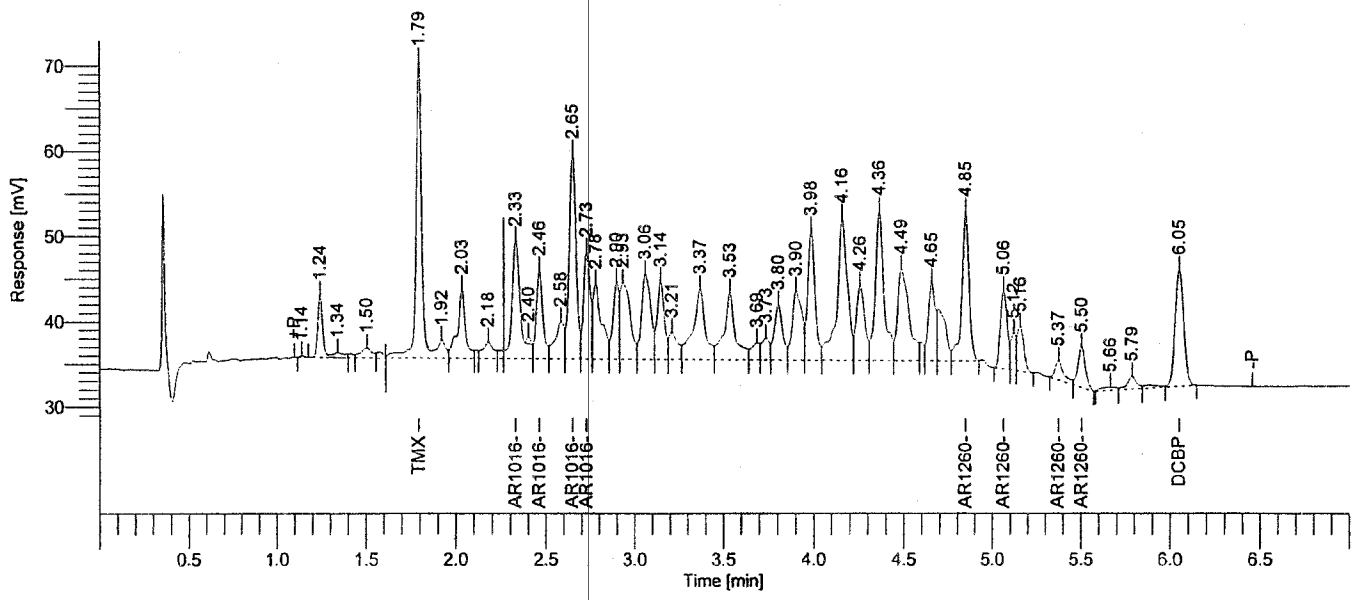
Chromatogram

Sample Name : ICM66OG
Sample #: .1NG
Page 1 of 1
FileName : H:\TURBO6\5890-19\19A71065.raw
Date : 09/26/2006 08:55:07
Method : SDPCBINS
Time of Injection: 09/25/2006 19:37:32
Start Time : 0.00 min
End Time : 7.00 min
Low Point : 26.44 mV
High Point : 97.95 mV
Scale Factor: 1.0
Plot Offset: 26.44 mV
Plot Scale: 71.5 mV



Software Version	: 6.2.1.0.104:0104	Date	: 09/26/2006 08:55:13
Reprocess Number	: buf2042: 122457		
Operator	: tchrom	Sample Name	: ICM66OH
Sample Number	: .05NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/25/2006 19:56:53	Cycle	: 16

Raw Data File : H:\TURBO6\5890-19\19A71066.raw <Modified>
Result File : H:\TURBO6\5890-19\19A71066.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A71066.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A71066.rst
Calib Method : h:\turbo6\5890-19\sa66(09-25-06).mth from H:\TURBO6\5890-19\19A71066.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D71.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
5	1.79	VE	75315	TMX	0.0050	-------	0
	2.65		168901	AR1016	0.0500	0.0125	4
	4.85		96373	AR1260	0.0500	0.0125	4
41	6.05	VB	45527	DCBP	0.0050	-------	0
			386117			0.0250	

SEP 26 2006

09/26/2006 08:55:13 Result: H:\TURBO6\5890-19\19A71066.rst

Group Report For : AR1016

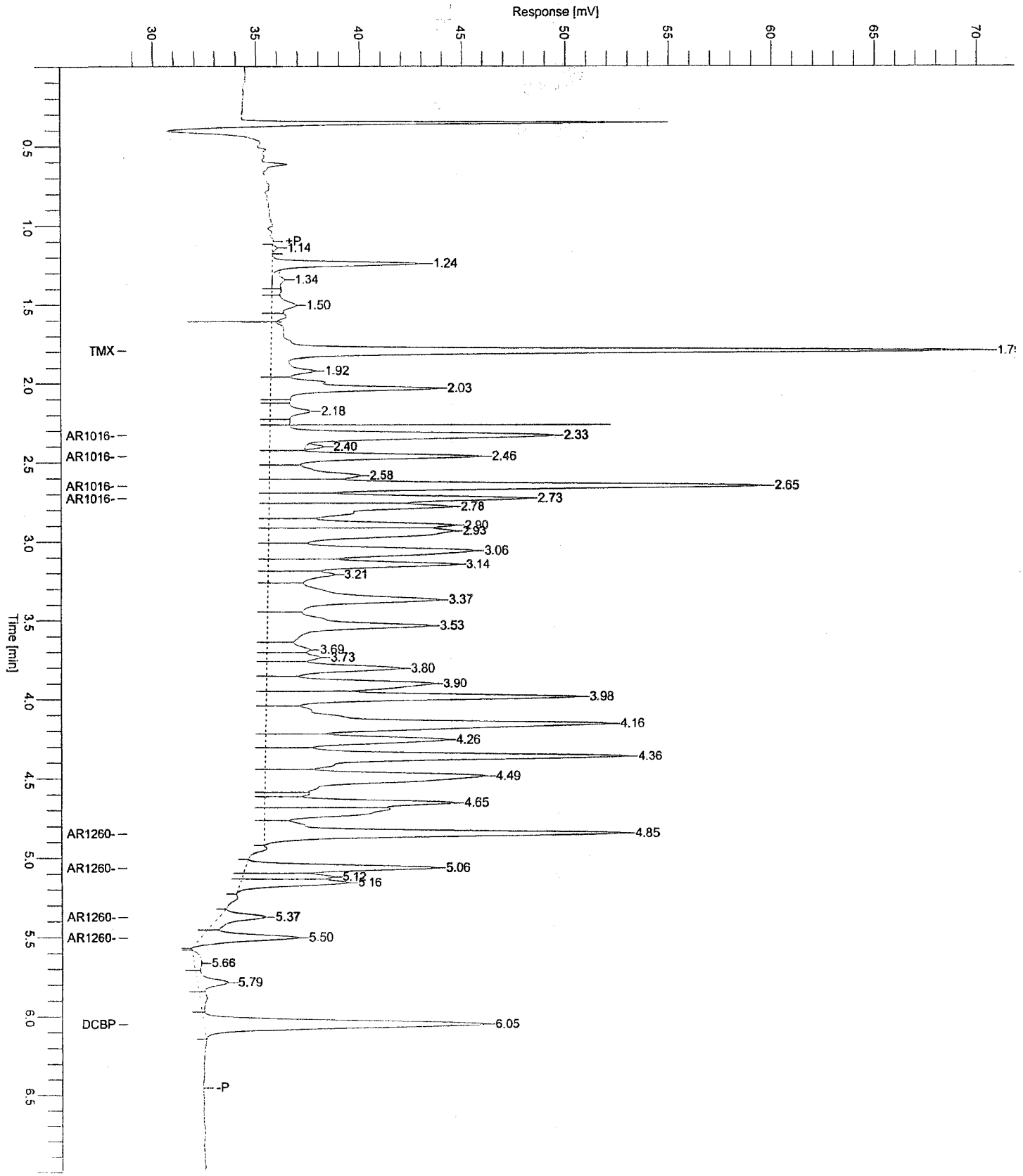
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
9	2.33	VE	45732	AR1016-A	0.0500	0.0125	4
11	2.46	VV	26477	AR1016-B	0.0500	0.0125	4
13	2.65	VV	64167	AR1016-C	0.0500	0.0125	4
14	2.73	VV	32526	AR1016-D	0.0500	0.0125	4
			168901			0.0500	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
33	4.85	VB	50816	AR1260-A	0.0500	0.0125	4
34	5.06	BV	24031	AR1260-B	0.0500	0.0125	4
37	5.37	BV	7640	AR1260-C	0.0500	0.0125	4
38	5.50	VB	13886	AR1260-D	0.0500	0.0125	4
			96373			0.0500	

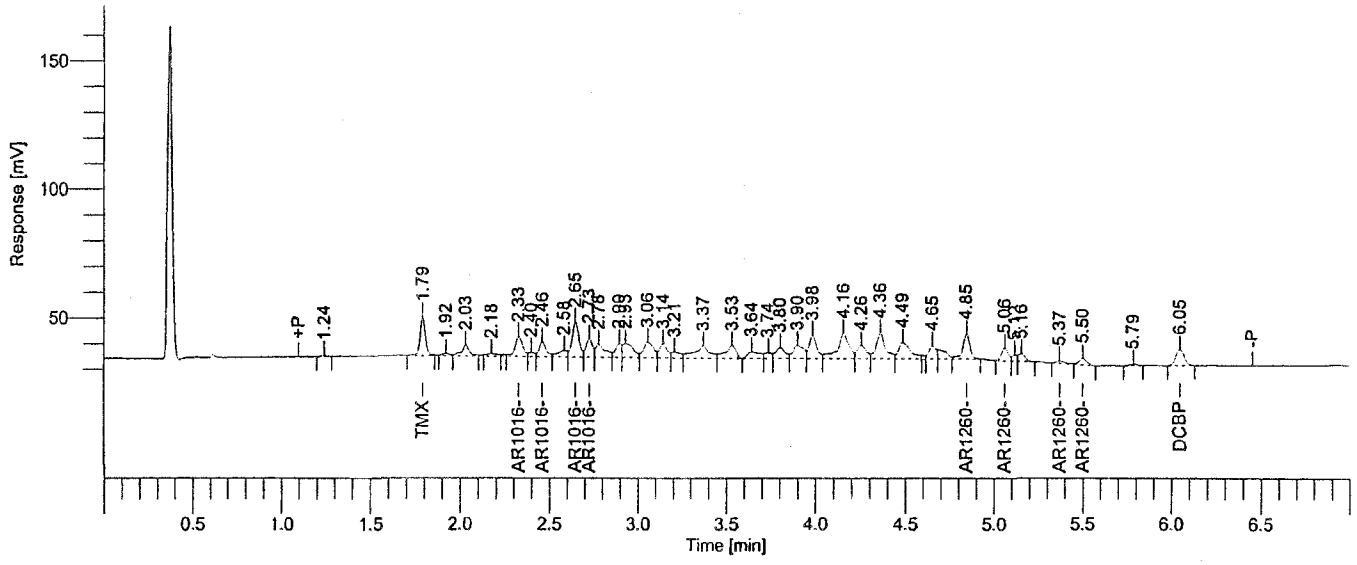
Chromatogram

Sample Name : ICM66OH Sample #: .05NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19A71066.raw
Date : 09/26/2006 08:55:14
Method : SDPCBINS Time of Injection: 09/25/2006 19:56:53
Start Time : 0.00 min End Time : 7.00 min Low Point : 28.67 mV High Point : 70.51 mV
Scale Factor: 1.0 Plot Offset: 28.67 mV Plot Scale: 41.8 mV



Software Version	: 6.2.1.0.104:0104	Date	: 09/26/2006 08:55:19
Reprocess Number	: buf2042: 122459		
Operator	: tchrom	Sample Name	: ICM66OF
Sample Number	: .025NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/25/2006 20:16:11	Cycle	: 17

Raw Data File : H:\TURBO6\5890-19\19A71067.raw <Modified>
Result File : H:\TURBO6\5890-19\19A71067.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A71067.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A71067.rst
Calib Method : h:\turbo6\5890-19\sa66(09-25-06).mth from H:\TURBO6\5890-19\19A71067.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D71.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
2	1.79	BV	30811	TMX	~~3.1e-04~~	-------	0
	2.65		94409	AR1016	0.0250	0.0063	4
	4.85		53062	AR1260	0.0250	0.0063	4
37	6.05	BB	20354	DCBP	~~<0.0020~~	-------	0
			198636			0.0125	

SEP 2 6 2006

09/26/2006 08:55:19 Result: H:\TURBO6\5890-19\19A71067.rst

Group Report For : AR1016

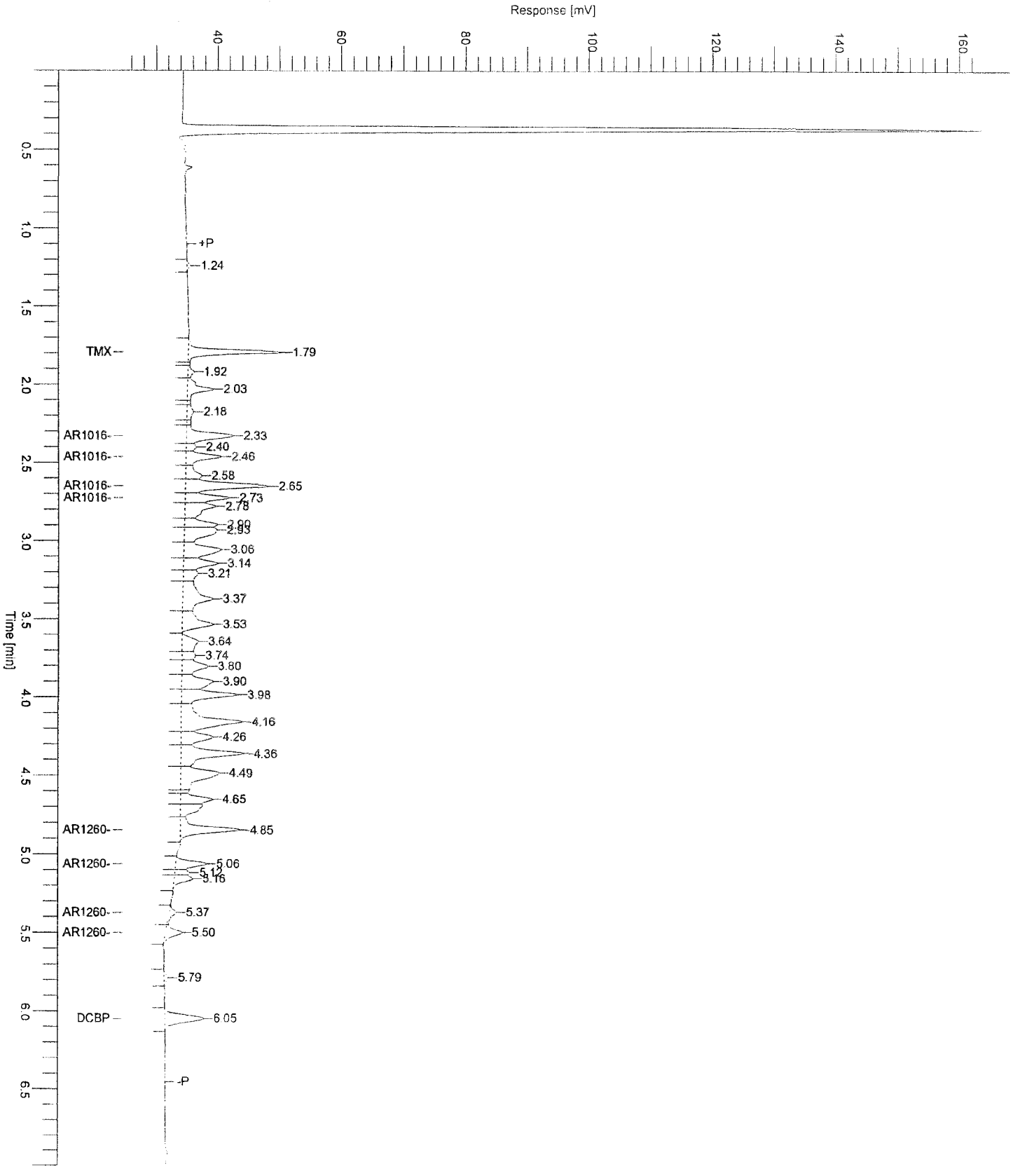
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
6	2.33	VV	23464	AR1016-A	0.0250	0.0063	4
8	2.46	VV	15745	AR1016-B	0.0250	0.0063	4
10	2.65	VV	36978	AR1016-C	0.0250	0.0063	4
11	2.73	VV	18222	AR1016-D	0.0250	0.0063	4
			94409			0.0250	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
30	4.85	VB	28215	AR1260-A	0.0250	0.0063	4
31	5.06	BV	12857	AR1260-B	0.0250	0.0063	4
34	5.37	BV	3760	AR1260-C	0.0250	0.0063	4
35	5.50	VB	8230	AR1260-D	0.0250	0.0063	4
			53062			0.0250	

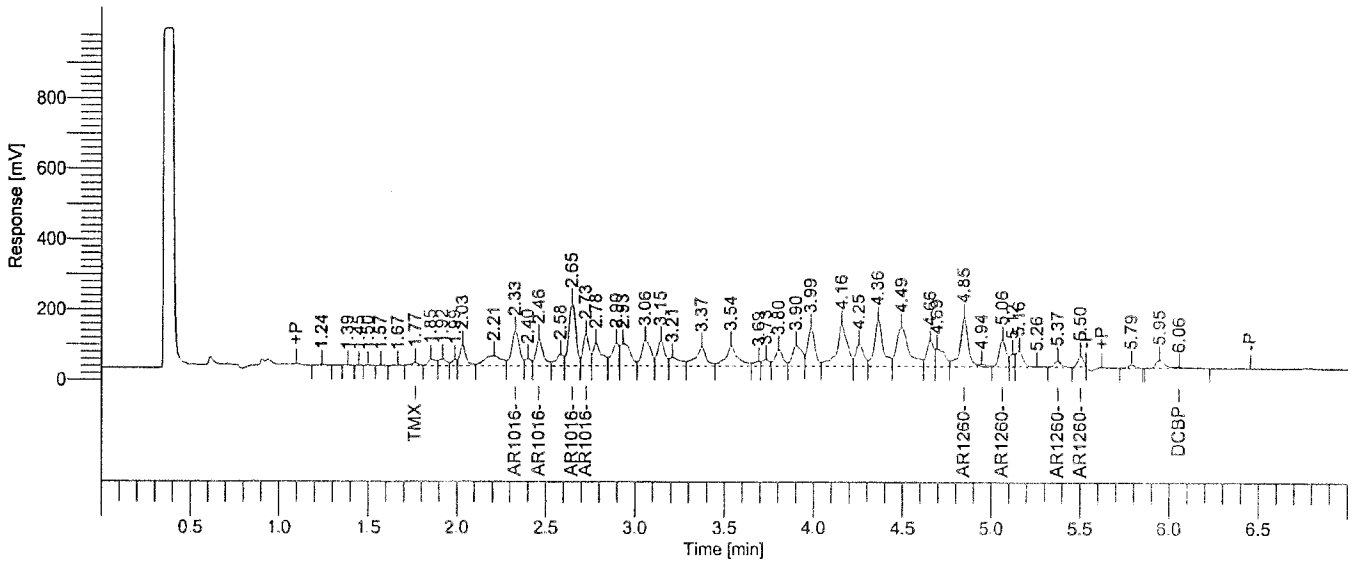
Chromatogram

Sample Name : ICM66OF Sample #: .025NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19A71067.raw
Date : 09/26/2006 08:55:20
Method : SDPCBINS Time of Injection: 09/25/2006 20:16:11
Start Time : 0.00 min End Time : 7.00 min Low Point : 24.67 mV High Point : 163.59 mV
Scale Factor: 1.0 Plot Offset: 24.67 mV Plot Scale: 138.9 mV



Software Version	: 6.2.1.0.104:0104	Date	: 09/26/2006 09:18:59
Operator	: tchrom	Sample Name	: ACM66GB
Sample Number	: .6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/25/2006 20:35:30	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19A71068.raw <Modified>
Result File : H:\TURBO6\5890-19\19A71068.rst [Editing in Progress]
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A71068.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A71068.rst [Editing in Progress]
Calib Method : h:\turbo6\5890-19\sa66(09-25-06).mth from H:\TURBO6\5890-19\19A71068.rst [Editing in Progress]
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-19\19D71.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.77	VV	25035	TMX	7.1e-04	3.5304e+07	50069.4884	-99.9
2.65		1218795	AR1016	0.6273	1.9429e+06	2.4376e+06	4.6
4.85		768982	AR1260	0.5451	1.4108e+06	1.5380e+06	-9.2
6.06	EB	13459	DCBP	3.5e-04	3.8775e+07	26917.9167	-99.9
		2026270		1.1734		4.0525e+06	

SEP 26 2006

09/26/2006 09:18:59 Result: H:\TURBO6\5890-19\19A71068.rst

Group Report For : AR1016

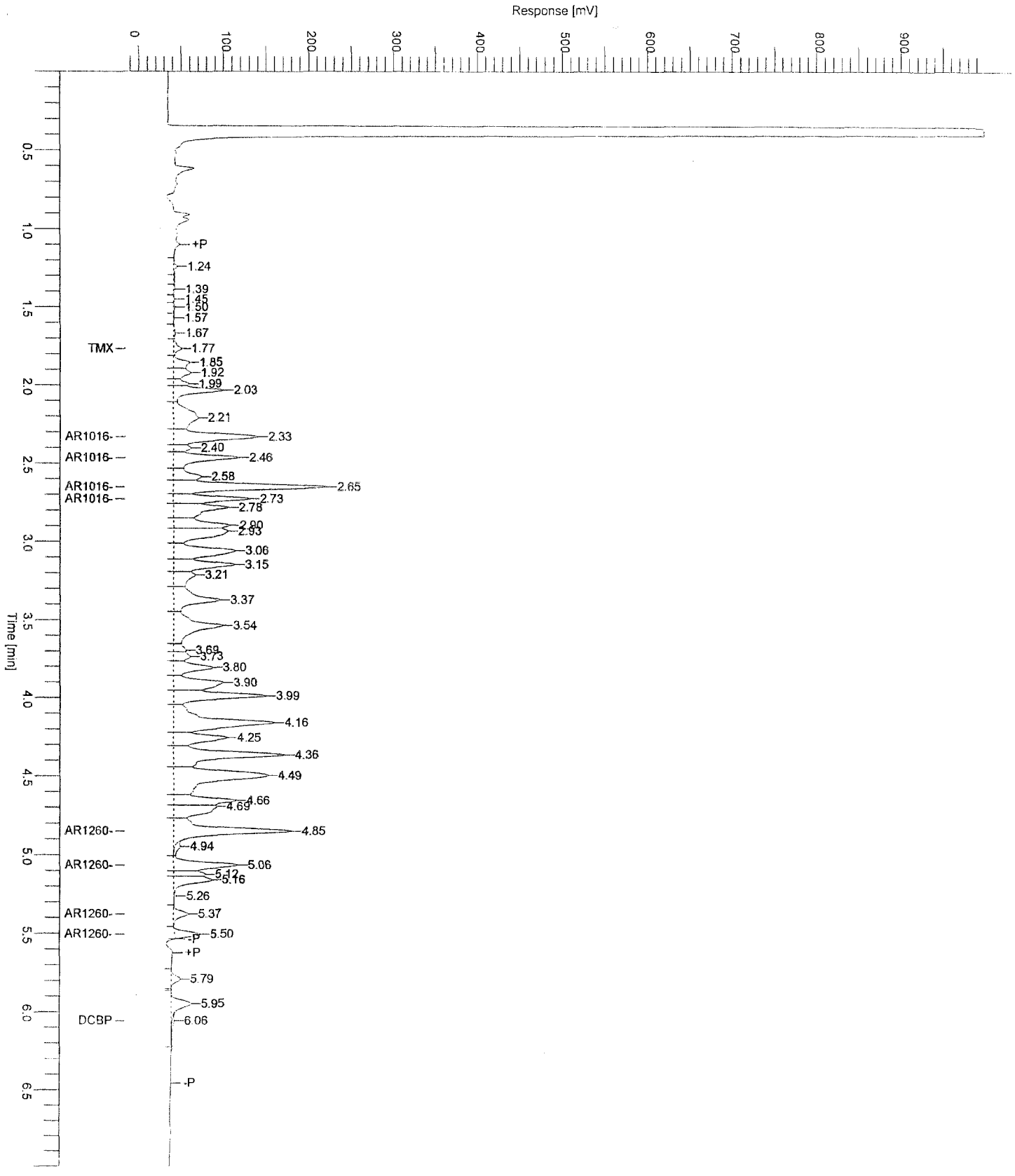
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.33	VV	305204	AR1016-A	0.6199	4.9236e+05	6.1041e+05	3.3
2.46	VV	218963	AR1016-B	0.7605	2.8793e+05	4.3793e+05	26.7
2.65	VV	480564	AR1016-C	0.5969	8.0503e+05	9.6113e+05	-0.5
2.73	VV	214064	AR1016-D	0.5987	3.5758e+05	4.2813e+05	-0.2
		1218795		2.5759		2.4376e+06	

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
4.85	VE	451106	AR1260-A	0.5764	7.8269e+05	9.0221e+05	-3.9
5.06	VV	206576	AR1260-B	0.5704	3.6216e+05	4.1315e+05	-4.9
5.37	VB	46664	AR1260-C	0.5049	92417.0001	93328.7851	-15.8
5.50	*BB	64636	AR1260-D	0.3664	1.7640e+05	1.2927e+05	-38.9
		768982		2.0181		1.5380e+06	

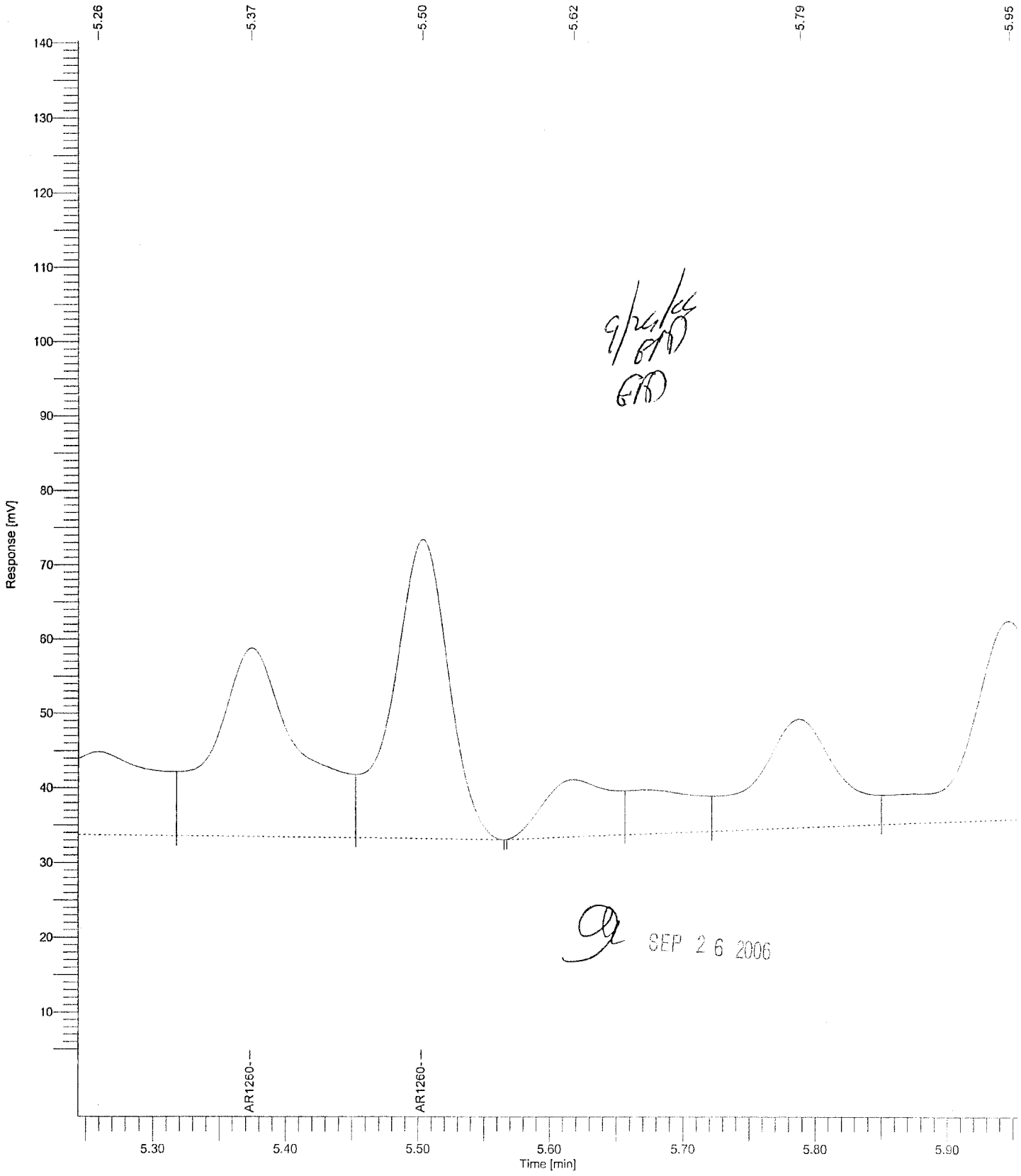
Chromatogram

Sample Name : ACM66GB Sample #: .6NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19A71068.raw
Date : 09/26/2006 09:19:01
Method : Time of Injection: 09/25/2006 20:35:30
Start Time : 0.00 min End Time : 7.00 min Low Point : -15.81 mV High Point : 998.81 mV
Scale Factor: 1.0 Plot Offset: -15.81 mV Plot Scale: 1014.6 mV



Chromatogram

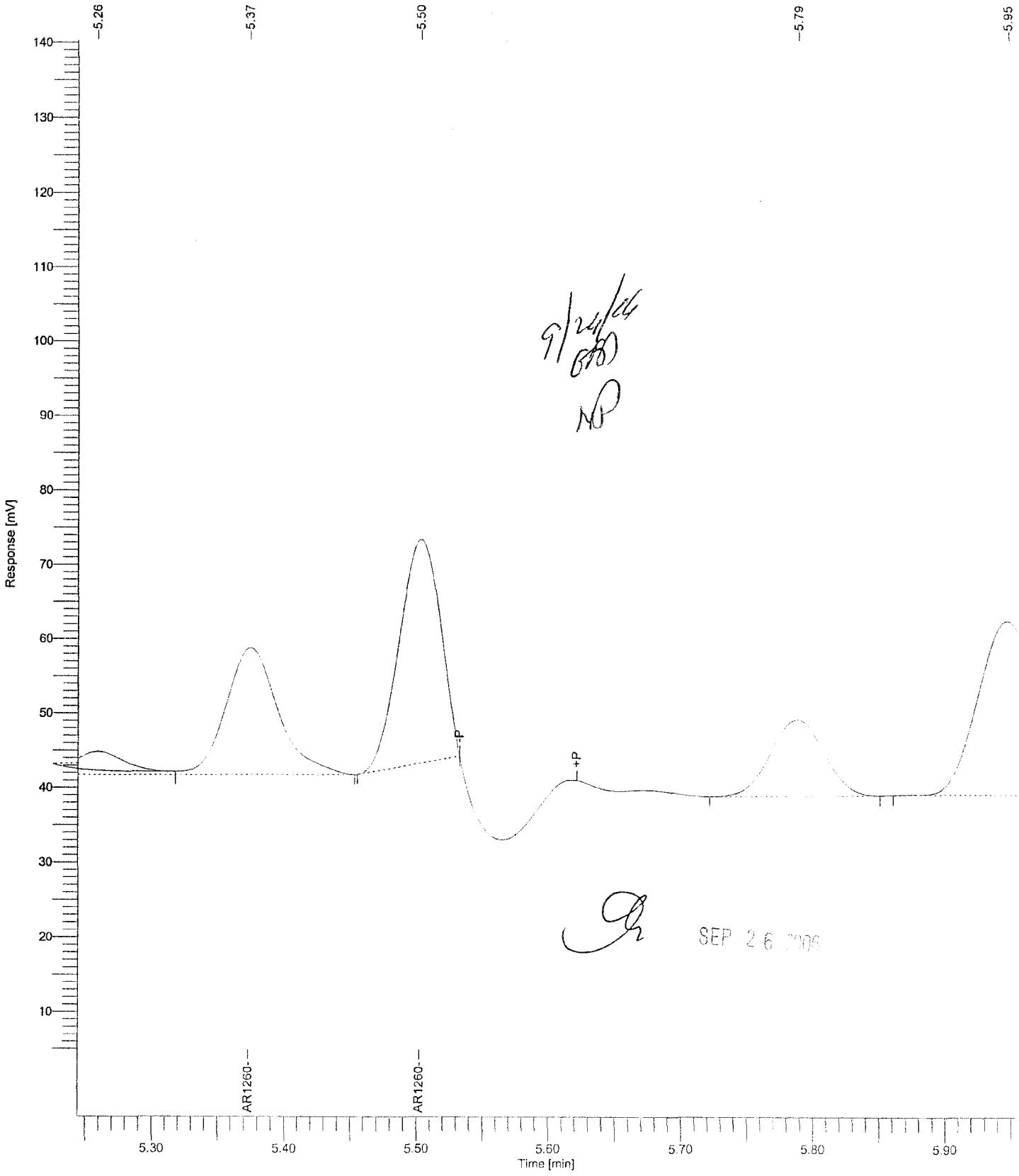
Sample Name : ACM66GB Sample #: .6NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19A71068.raw
Date : 09/26/2006 09:19:58
Method : Time of Injection: 09/25/2006 20:35:30
Start Time : 5.24 min End Time : 5.95 min Low Point : 4.95 mV High Point : 140.32 mV
Plot Offset: 4.95 mV Plot Scale: 135.4 mV



SEP 26 2006

Chromatogram

Sample Name : ACM66GB Sample #: .6NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19A71068.raw
Date : 09/26/2006 09:19:02
Method :
Time of Injection: 09/25/2006 20:35:30
Start Time : 5.24 min End Time : 5.95 min Low Point : 4.95 mV High Point : 140.32 mV
Plot Offset: 4.95 mV Plot Scale: 135.4 mV

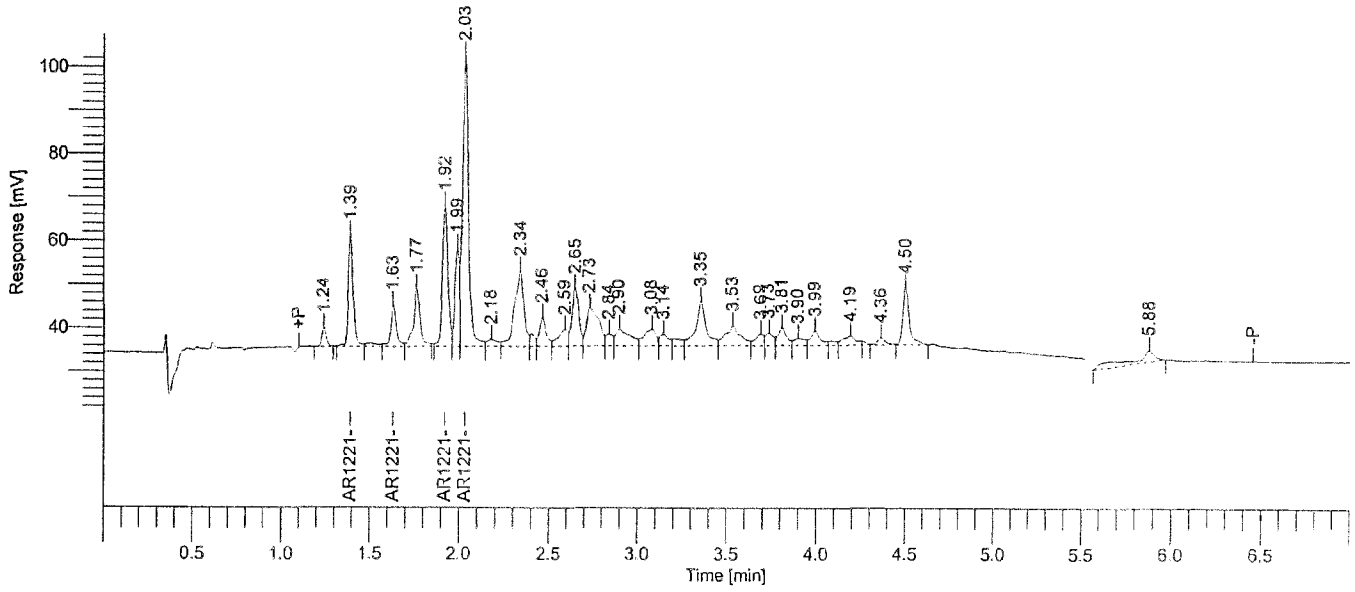


9/24/06

SEP 26 2006

Software Version	: 6.2.1.0.104:0104	Date	: 09/26/2006 08:53:15
Reprocess Number	: buf2042: 122427		
Operator	: tchrom	Sample Name	: ICM21TA
Sample Number	: .5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/25/2006 15:07:12	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19A71051.raw <Modified>
Result File : H:\TURBO6\5890-19\19A71051.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A71051.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A71051.rst
Calib Method : h:\turbo6\5890-19\sa21(09-25-06).mth from H:\TURBO6\5890-19\19A71051.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D71.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
	2.03		296648	AR1221	0.5000	0.1250	4
			296648			0.1250	

Processed by: [signature] 9/26/06

Reviewed by: [signature] SEP 26 2006

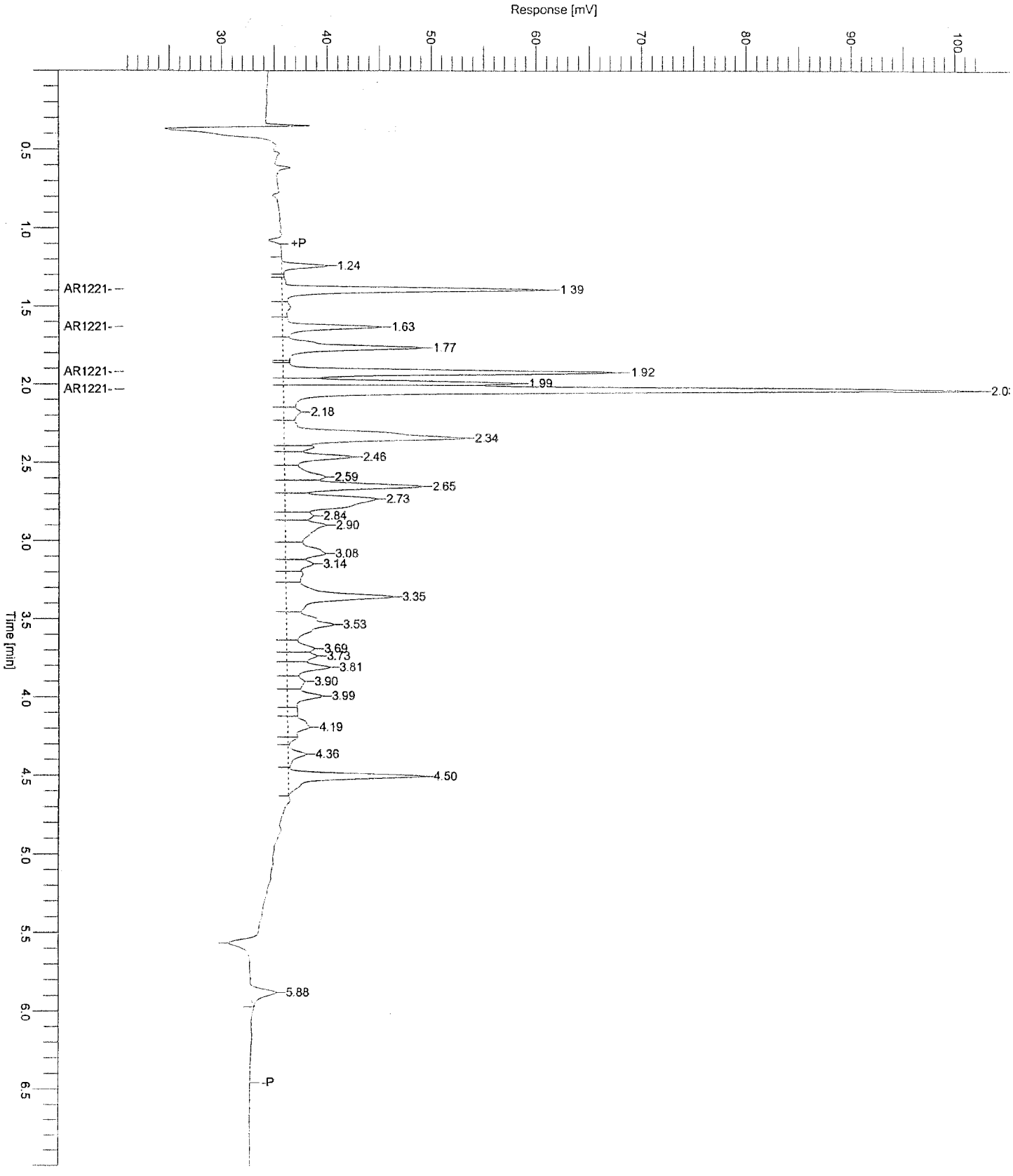
09/26/2006 08:53:15 Result: H:\TURBO6\5890-19\19A71051.rst

Group Report For : AR1221

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
2	1.39	VV	50462	AR1221-A	0.5000	0.1250	4
3	1.63	VV	21193	AR1221-B	0.5000	0.1250	4
5	1.92	VV	68677	AR1221-C	0.5000	0.1250	4
7	2.03	VV	156316	AR1221-D	0.5000	0.1250	4
			296648			0.5000	

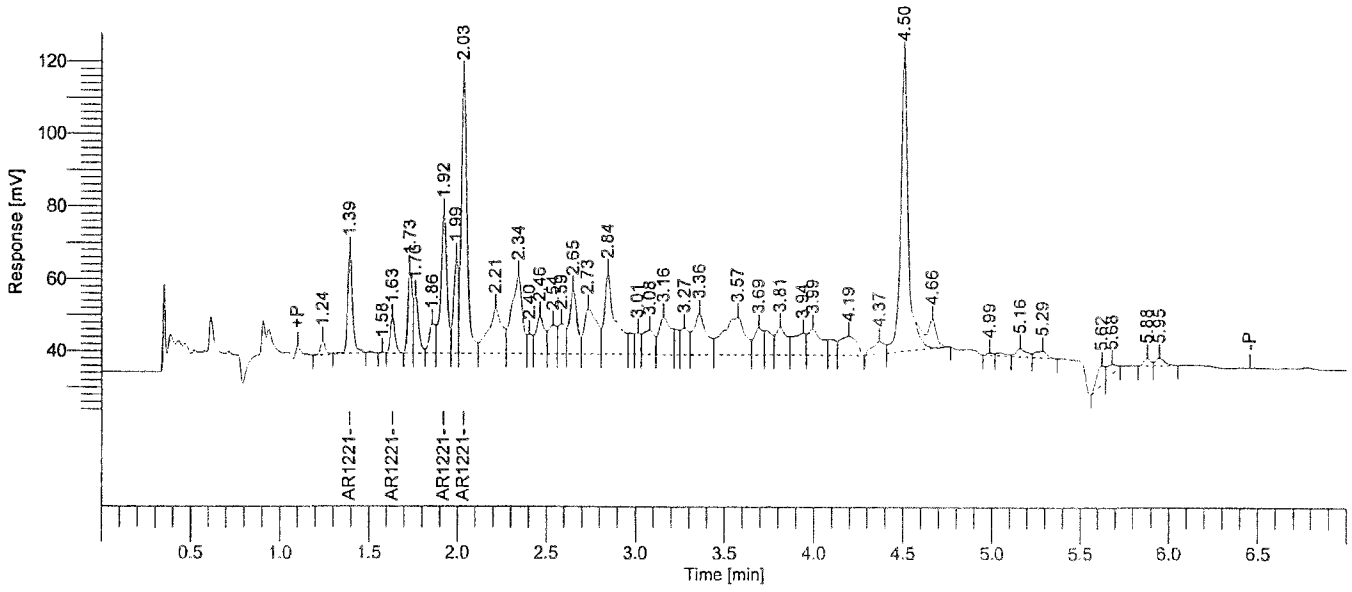
Chromatogram

Sample Name : ICM21TA Sample #: 5NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19A71051.raw
Date : 09/26/2006 08:53:17
Method : SDPCBINS Time of Injection: 09/25/2006 15:07:12
Start Time : 0.00 min End Time : 7.00 min Low Point : 20.69 mV High Point : 102.67 mV
Scale Factor: 1.0 Plot Offset: 20.69 mV Plot Scale: 82.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 09/26/2006 08:53:25
Reprocess Number	: buf2042: 122429		
Operator	: tchrom	Sample Name	: ACM21RA
Sample Number	: .6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/25/2006 15:26:36	Cycle	: 2

Raw Data File : H:\TURBO6\5890-19\19A71052.raw <Modified>
Result File : H:\TURBO6\5890-19\19A71052.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A71052.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A71052.rst
Calib Method : h:\turbo6\5890-19\sa21(09-25-06).mth from H:\TURBO6\5890-19\19A71052.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-19\19D71.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.03		351200	AR1221	0.5919	5.9330e+05	7.0240e+05	-1.3
		351200		0.5919		7.0240e+05	

SEP 26 2006

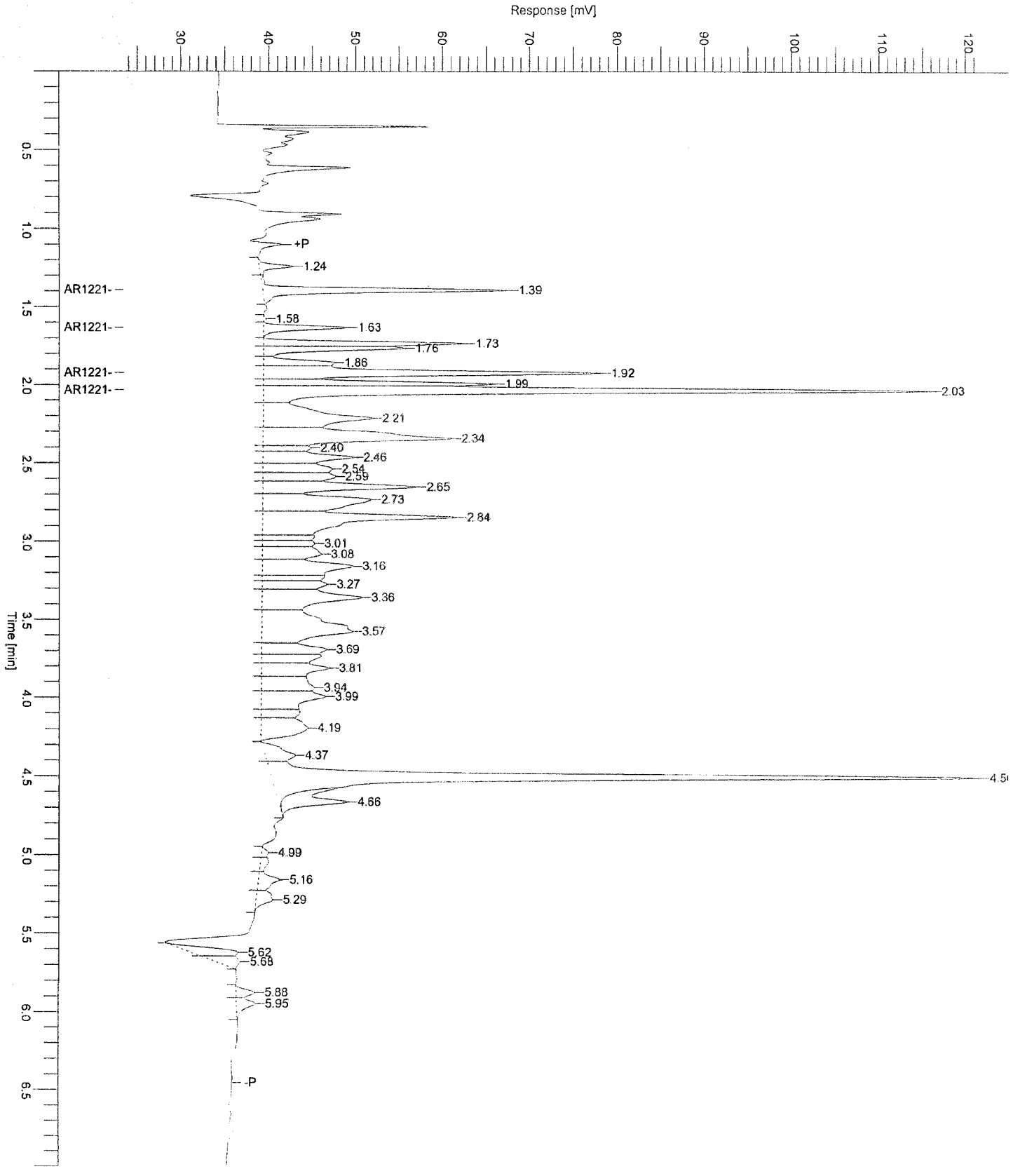
09/26/2006 08:53:25 Result: H:\TURBO6\5890-19\19A71052.rst

Group Report For : AR1221

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.39	VB	55542	AR1221-A	0.5503	1.0092e+05	1.1108e+05	-8.3
1.63	VB	18181	AR1221-B	0.4289	42386.4419	36361.4201	-28.5
1.92	VV	95368	AR1221-C	0.6943	1.3735e+05	1.9074e+05	15.7
2.03	VV	182108	AR1221-D	0.5825	3.1263e+05	3.6422e+05	-2.9
		351200		2.2561		7.0240e+05	

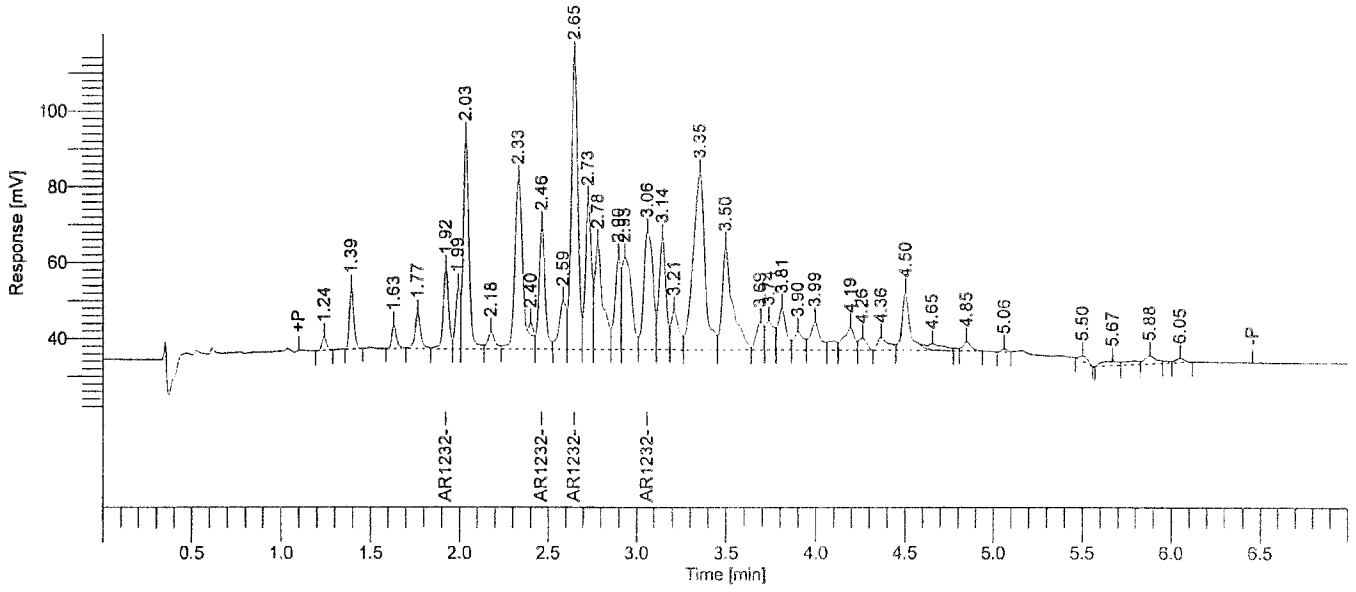
Chromatogram

Sample Name : ACM21RA Sample #: 6NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19A71052.raw
Date : 09/26/2006 08:53:26
Method : SDPCBINS Time of Injection: 09/25/2006 15:26:36
Start Time : 0.00 min End Time : 7.00 min Low Point : 23.46 mV High Point : 121.97 mV
Scale Factor: 1.0 Plot Offset: 23.46 mV Plot Scale: 98.5 mV



Software Version	: 6.2.1.0.104:0104	Date	: 09/26/2006 08:53:34
Reprocess Number	: buf2042: 122431		
Operator	: tchrom	Sample Name	: ICM32IA
Sample Number	: .5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/25/2006 15:45:53	Cycle	: 3

Raw Data File : H:\TURBO6\5890-19\19A71053.raw <Modified>
Result File : H:\TURBO6\5890-19\19A71053.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A71053.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A71053.rst
Calib Method : h:\turbo6\5890-19\sa32(09-25-06).mth from H:\TURBO6\5890-19\19A71053.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D71.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
	2.65		440191	AR1232	0.5000	0.1250	4
			440191			0.1250	

Processed by: GD 9/26/06

Reviewed by: SEP 28 2006

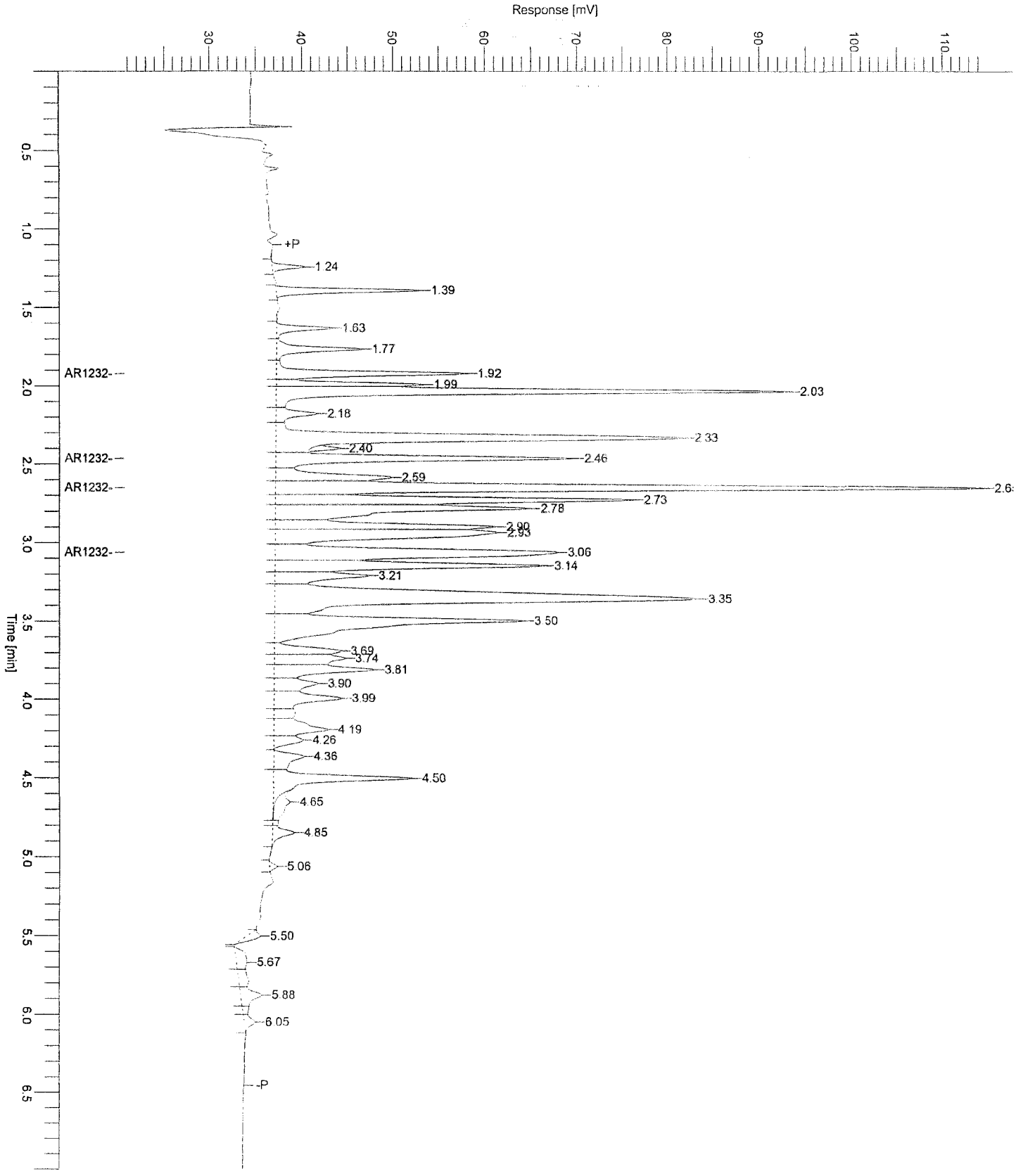
09/26/2006 08:53:34 Result: H:\TURBO6\5890-19\19A71053.rst

Group Report For : AR1232

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
5	1.92	VV	45029	AR1232-A	0.5000	0.1250	4
11	2.46	VV	78421	AR1232-B	0.5000	0.1250	4
13	2.65	VV	201947	AR1232-C	0.5000	0.1250	4
18	3.06	VV	114793	AR1232-D	0.5000	0.1250	4
			440191			0.5000	

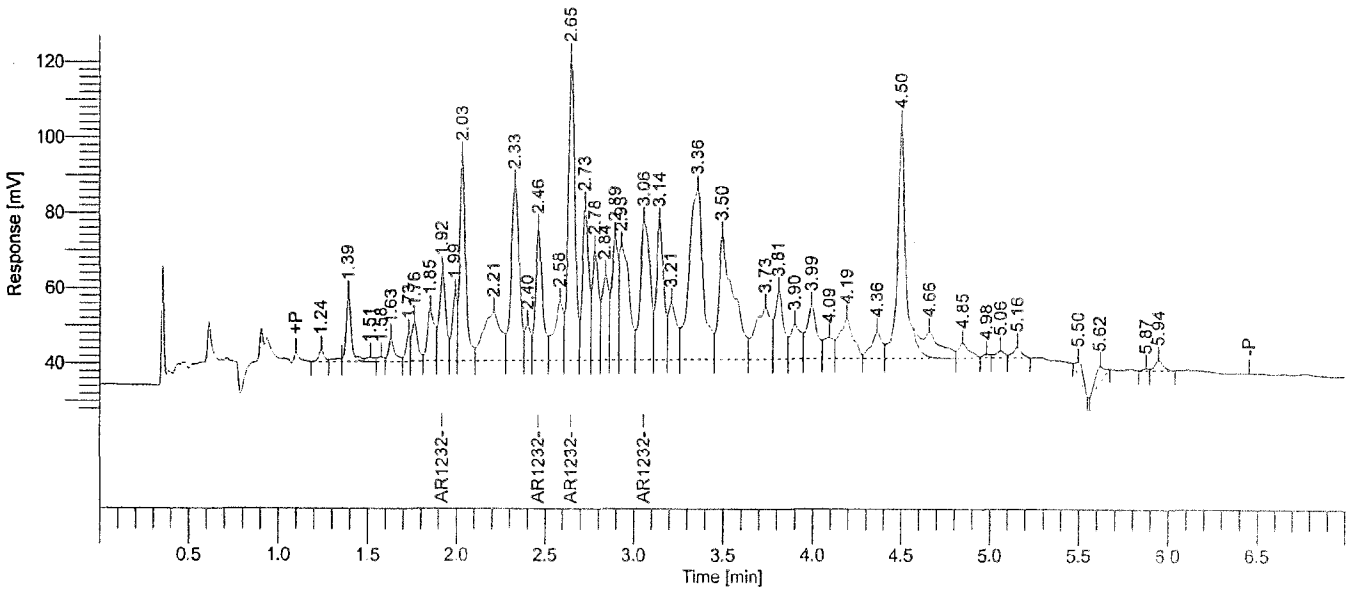
Chromatogram

Sample Name : ICM32IA Sample #: .5NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19A71053.raw
Date : 09/26/2006 08:53:35
Method : SDPCBINS Time of Injection: 09/25/2006 15:45:53
Start Time : 0.00 min End Time : 7.00 min Low Point : 20.60 mV High Point : 114.76 mV
Scale Factor: 1.0 Plot Offset: 20.60 mV Plot Scale: 94.2 mV



Software Version	: 6.2.1.0.104:0104	Date	: 09/26/2006 08:53:43
Reprocess Number	: buf2042: 122433		
Operator	: tchrom	Sample Name	: ACM32DA
Sample Number	: .6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/25/2006 16:05:07	Cycle	: 4

Raw Data File : H:\TURBO6\5890-19\19A71054.raw <Modified>
Result File : H:\TURBO6\5890-19\19A71054.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A71054.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A71054.rst
Calib Method : h:\turbo6\5890-19\sa32(09-25-06).mth from H:\TURBO6\5890-19\19A71054.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-19\19D71.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.65		514917	AR1232	0.5849	8.8038e+05	1.0298e+06	-2.5
		514917		0.5849		1.0298e+06	

SEP 26 2006

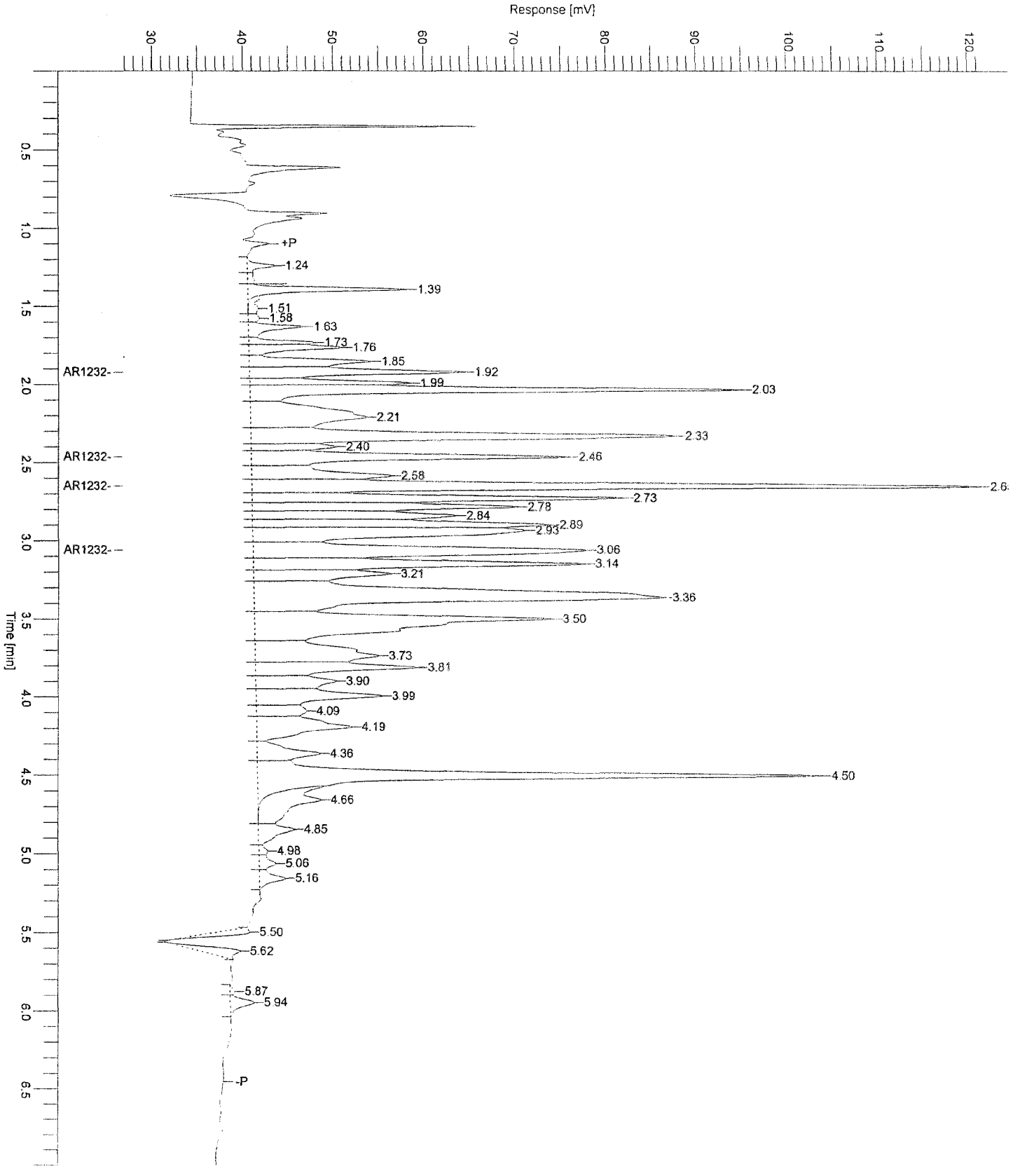
09/26/2006 08:53:43 Result: H:\TURBO6\5890-19\19A71054.rst

Group Report For : AR1232

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.92	VV	61522	AR1232-A	0.6831	90058.9488	1.2304e+05	13.9
2.46	VV	96693	AR1232-B	0.6165	1.5684e+05	1.9339e+05	2.7
2.65	VV	214310	AR1232-C	0.5306	4.0389e+05	4.2862e+05	-11.6
3.06	VV	142391	AR1232-D	0.6202	2.2959e+05	2.8478e+05	3.4
		514917		2.4504		1.0298e+06	

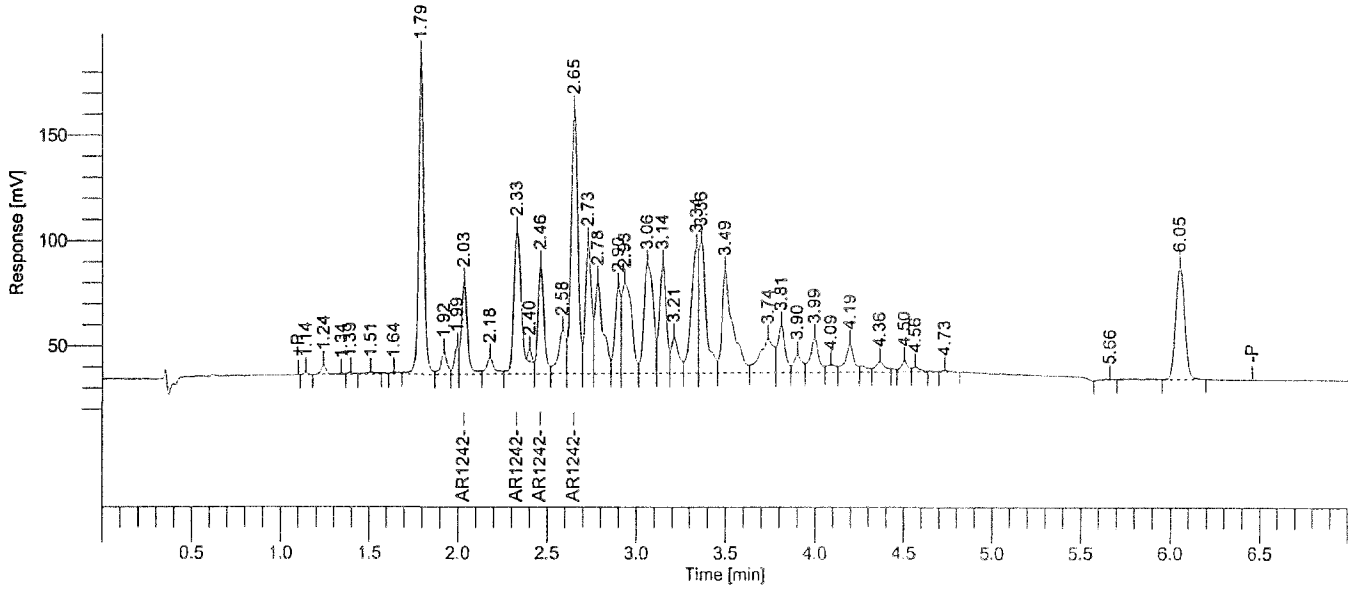
Chromatogram

Sample Name : ACM32DA Sample #: 6NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19A71054.raw
Date : 09/26/2006 08:53:44
Method : SDPCBINS Time of Injection: 09/25/2006 16:05:07
Start Time : 0.00 min End Time : 7.00 min Low Point : 26.84 mV High Point : 121.64 mV
Scale Factor: 1.0 Plot Offset: 26.84 mV Plot Scale: 94.8 mV



Software Version	: 6.2.1.0.104:0104	Date	: 09/26/2006 08:53:52
Reprocess Number	: buf2042: 122435		
Operator	: tchrom	Sample Name	: ICM42UA
Sample Number	: .5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/25/2006 16:24:27	Cycle	: 5

Raw Data File : H:\TURBO6\5890-19\19A71055.raw <Modified>
Result File : H:\TURBO6\5890-19\19A71055.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A71055.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A71055.rst
Calib Method : h:\turbo6\5890-19\sa42(09-25-06).mth from H:\TURBO6\5890-19\19A71055.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D71.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
	2.65		763544	AR1242	0.5000	0.1250	4
			763544			0.1250	

Prepared by: GM 9/25/06
Reviewed by: [illegible]
SEP 26 2006

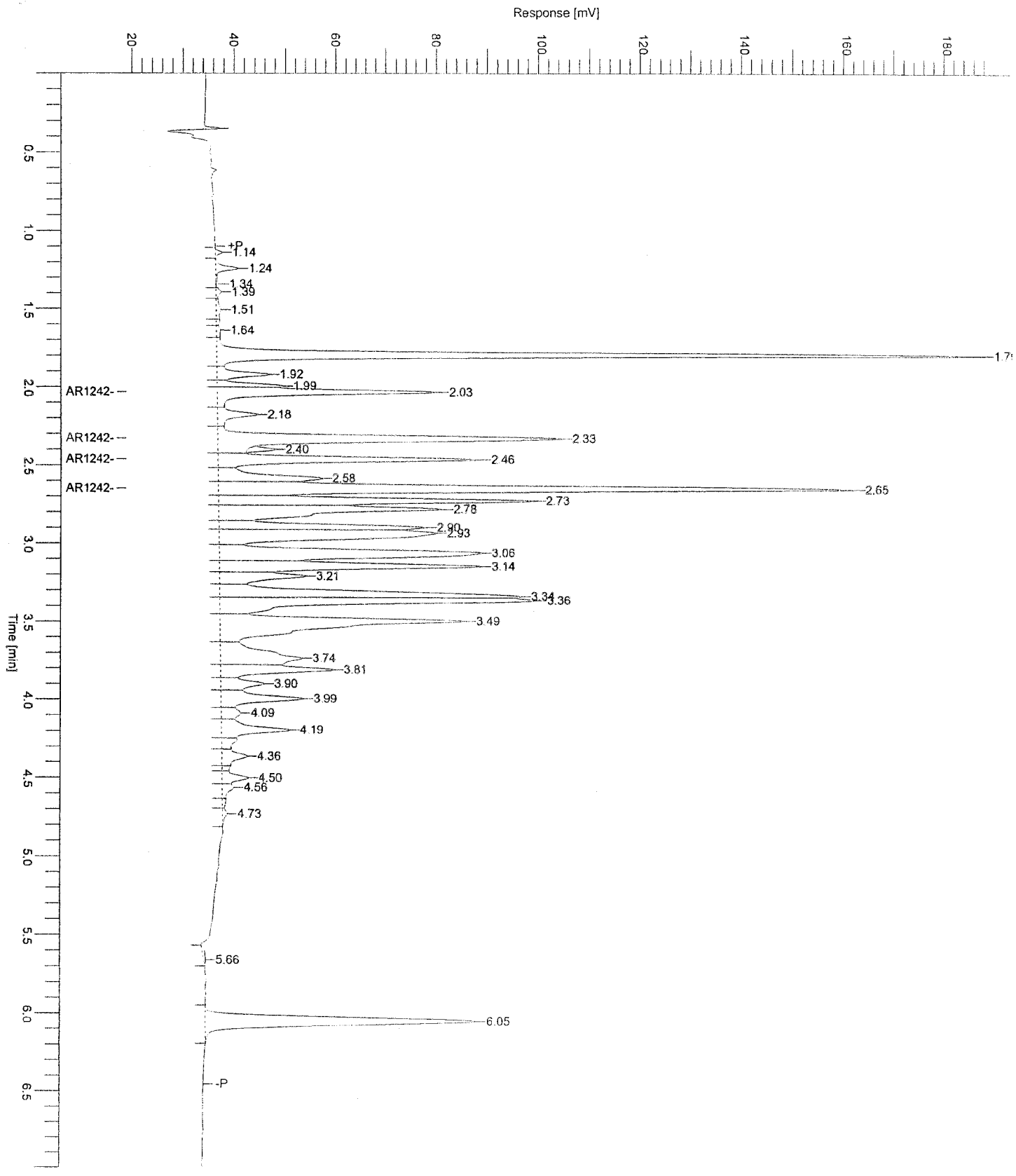
09/26/2006 08:53:52 Result: H:\TURBO6\5890-19\19A71055.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
10	2.03	VV	103295	AR1242-A	0.5000	0.1250	4
12	2.33	VE	209098	AR1242-B	0.5000	0.1250	4
14	2.46	VV	123398	AR1242-C	0.5000	0.1250	4
16	2.65	VV	327753	AR1242-D	0.5000	0.1250	4
			763544			0.5000	

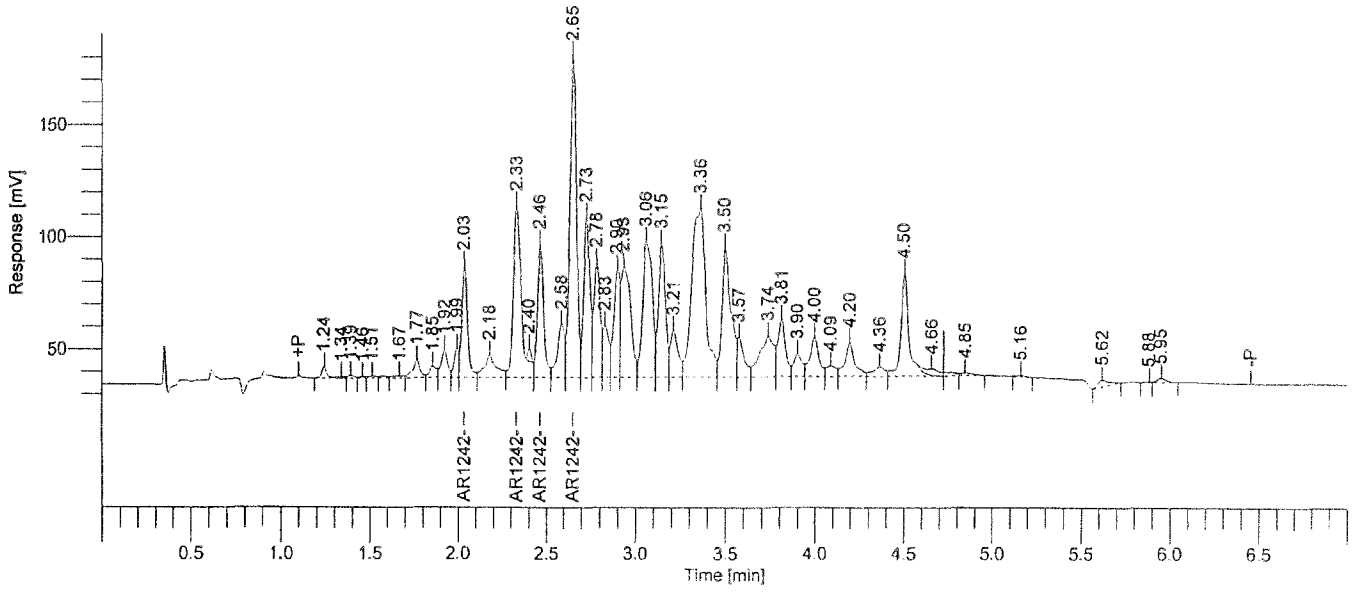
Chromatogram

Sample Name : ICM42UA Sample #: .5NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19A71055.raw
Date : 09/26/2006 08:53:53
Method : SDPCBINS Time of Injection: 09/25/2006 16:24:27
Start Time : 0.00 min End Time : 7.00 min Low Point : 18.86 mV High Point : 188.09 mV
Scale Factor: 1.0 Plot Offset: 18.86 mV Plot Scale: 169.2 mV



Software Version	: 6.2.1.0.104:0104	Date	: 09/26/2006 08:54:01
Reprocess Number	: buf2042: 122437		
Operator	: tchrom	Sample Name	: ACM42QA
Sample Number	: .6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/25/2006 16:43:53	Cycle	: 6

Raw Data File : H:\TURBO6\5890-19\19A71056.raw <Modified>
Result File : H:\TURBO6\5890-19\19A71056.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A71056.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A71056.rst
Calib Method : h:\turbo6\5890-19\sa42(09-25-06).mth from H:\TURBO6\5890-19\19A71056.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-19\19D71.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.65		878556	AR1242	0.5753	1.5271e+06	1.7571e+06	-4.1
		878556		0.5753		1.7571e+06	

SEP 2 8 2006

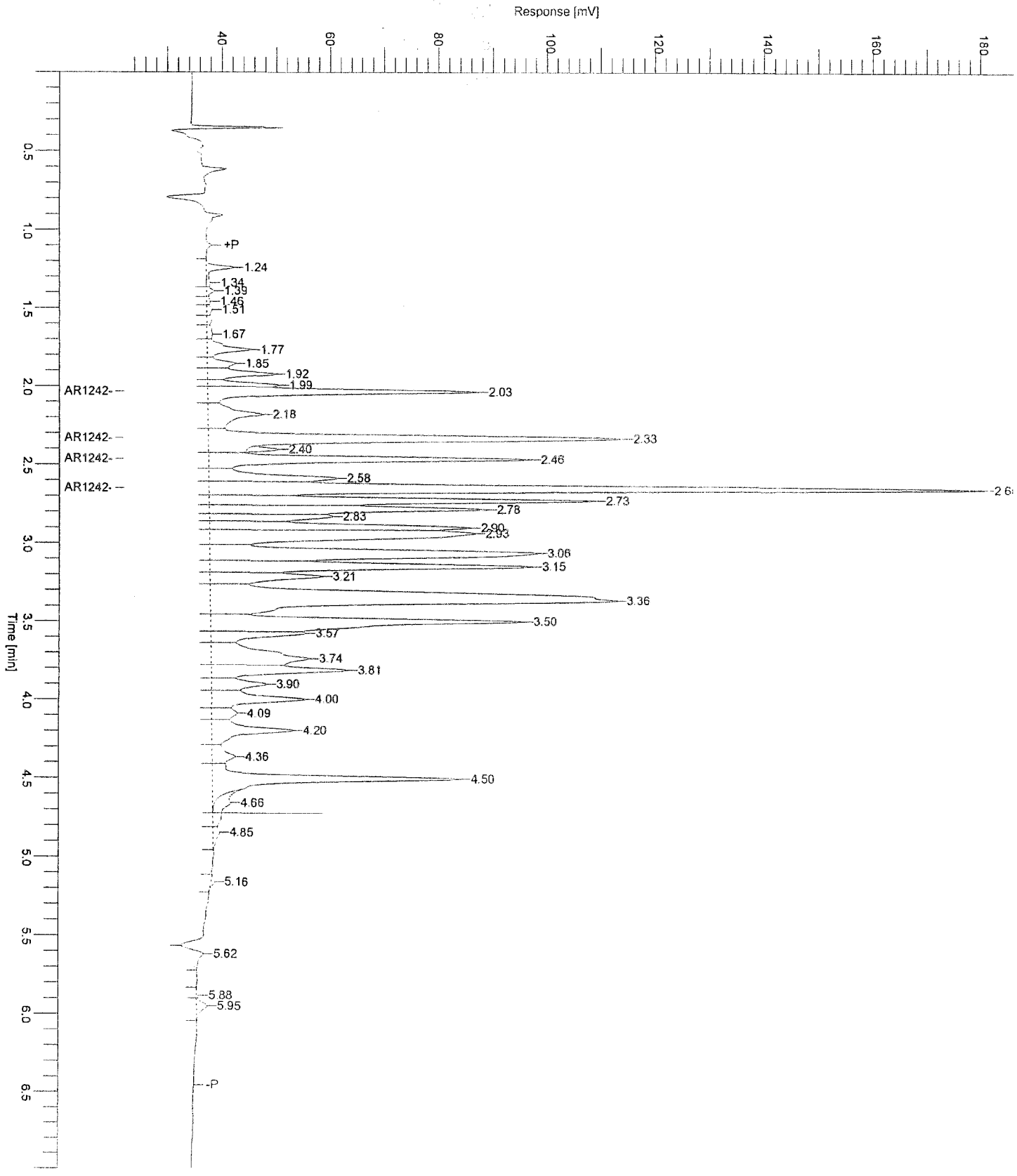
09/26/2006 08:54:01 Result: H:\TURBO6\5890-19\19A71056.rst

Group Report For : AR1242

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.03	VV	115488	AR1242-A	0.5590	2.0659e+05	2.3098e+05	-6.8
2.33	VE	240124	AR1242-B	0.5742	4.1820e+05	4.8025e+05	-4.3
2.46	VV	146986	AR1242-C	0.5956	2.4680e+05	2.9397e+05	-0.7
2.65	VV	375959	AR1242-D	0.5735	6.5551e+05	7.5192e+05	-4.4
		878556		2.3023		1.7571e+06	

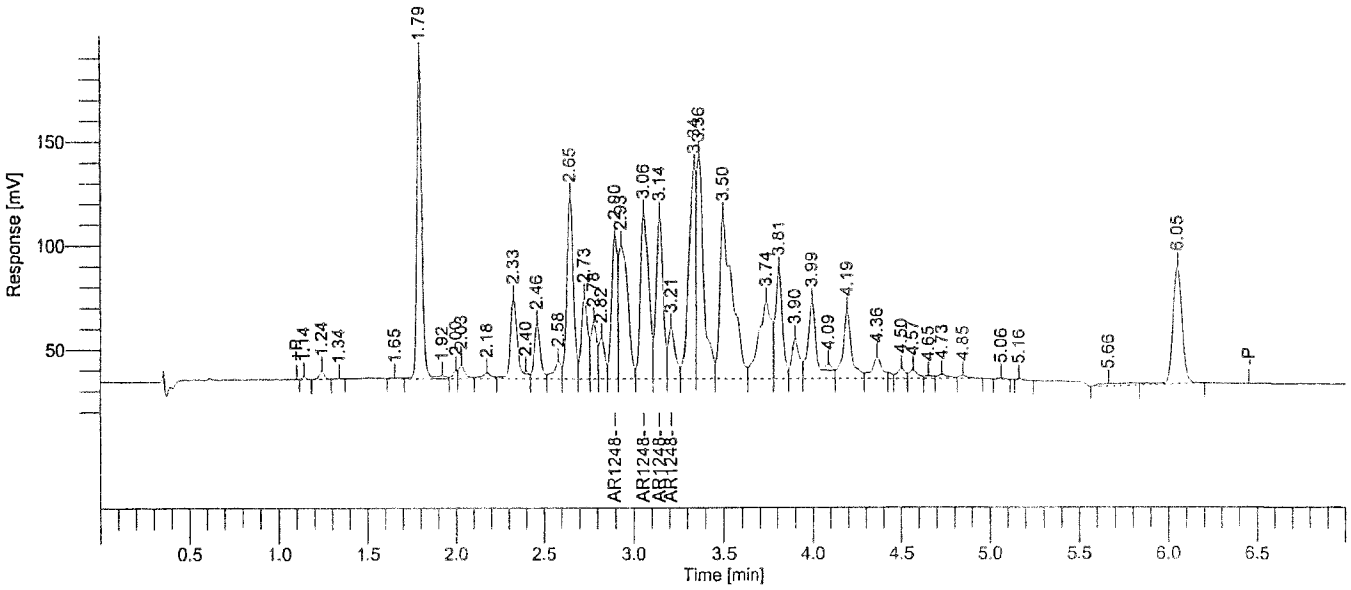
Chromatogram

Sample Name : ACM42QA Sample #: 6NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19A71056.raw
Date : 09/26/2006 08:54:02
Method : SDPCBINS Time of Injection: 09/25/2006 16:43:53
Start Time : 0.00 min End Time : 7.00 min Low Point : 22.27 mV High Point : 181.10 mV
Scale Factor: 1.0 Plot Offset: 22.27 mV Plot Scale: 158.8 mV



Software Version	: 6.2.1.0.104:0104	Date	: 09/26/2006 08:54:08
Reprocess Number	: buf2042: 122439		
Operator	: tchrom	Sample Name	: ICM48TA
Sample Number	: .5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/25/2006 17:03:05	Cycle	: 7

Raw Data File : H:\TURBO6\5890-19\19A71057.raw <Modified>
Result File : H:\TURBO6\5890-19\19A71057.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A71057.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A71057.rst
Calib Method : h:\turbo6\5890-19\sa48(09-25-06).mth from H:\TURBO6\5890-19\19A71057.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D71.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
	3.06		689304	AR1248	0.5000	0.1250	4
			689304			0.1250	

GBD 9/26/06

SEP 26 2006

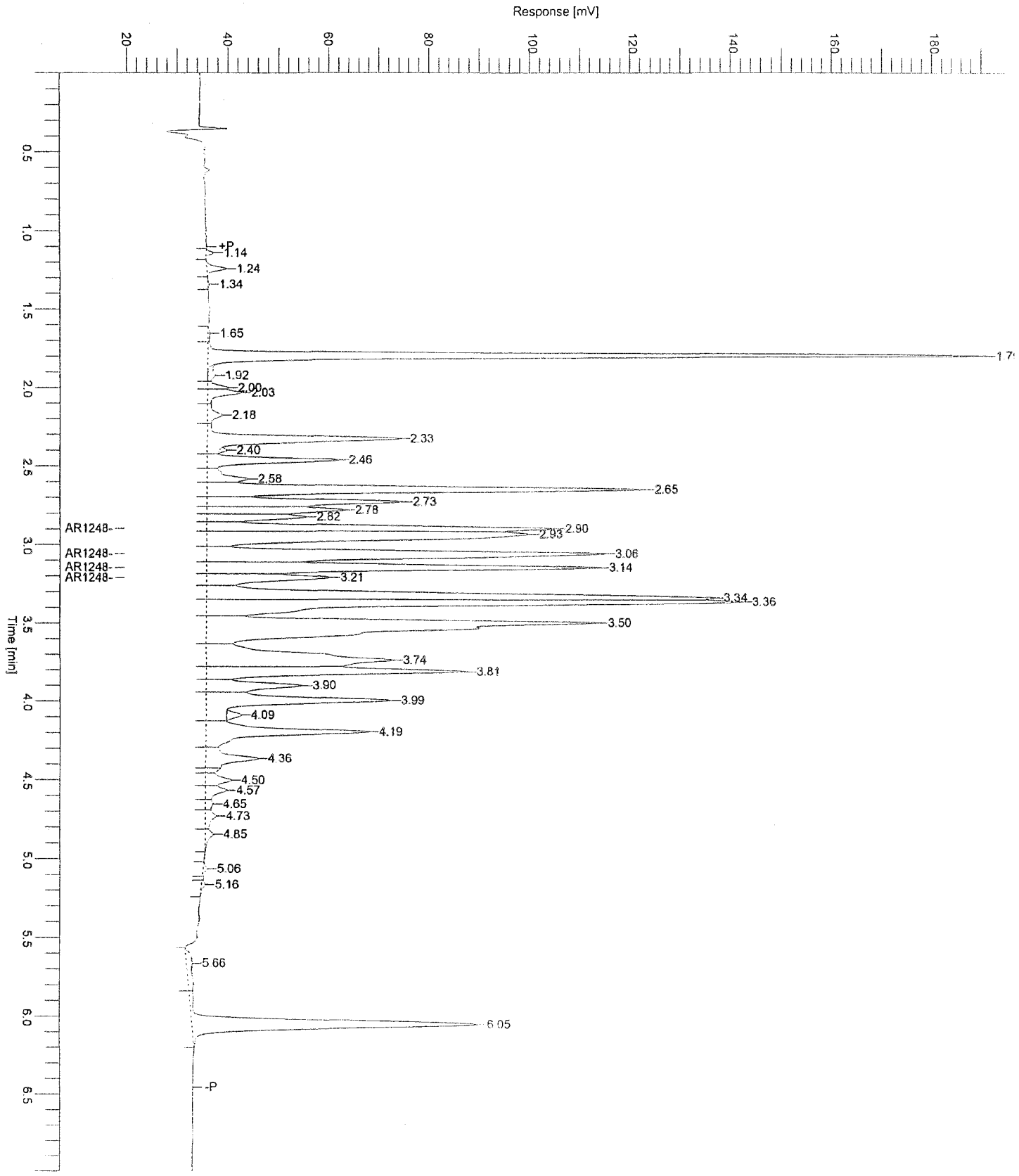
09/26/2006 08:54:08 Result: H:\TURBO6\5890-19\19A71057.rst

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
18	2.90	VV	156542	AR1248-A	0.5000	0.1250	4
20	3.06	VV	258449	AR1248-B	0.5000	0.1250	4
21	3.14	VV	206545	AR1248-C	0.5000	0.1250	4
22	3.21	VV	67768	AR1248-D	0.5000	0.1250	4
			689304			0.5000	

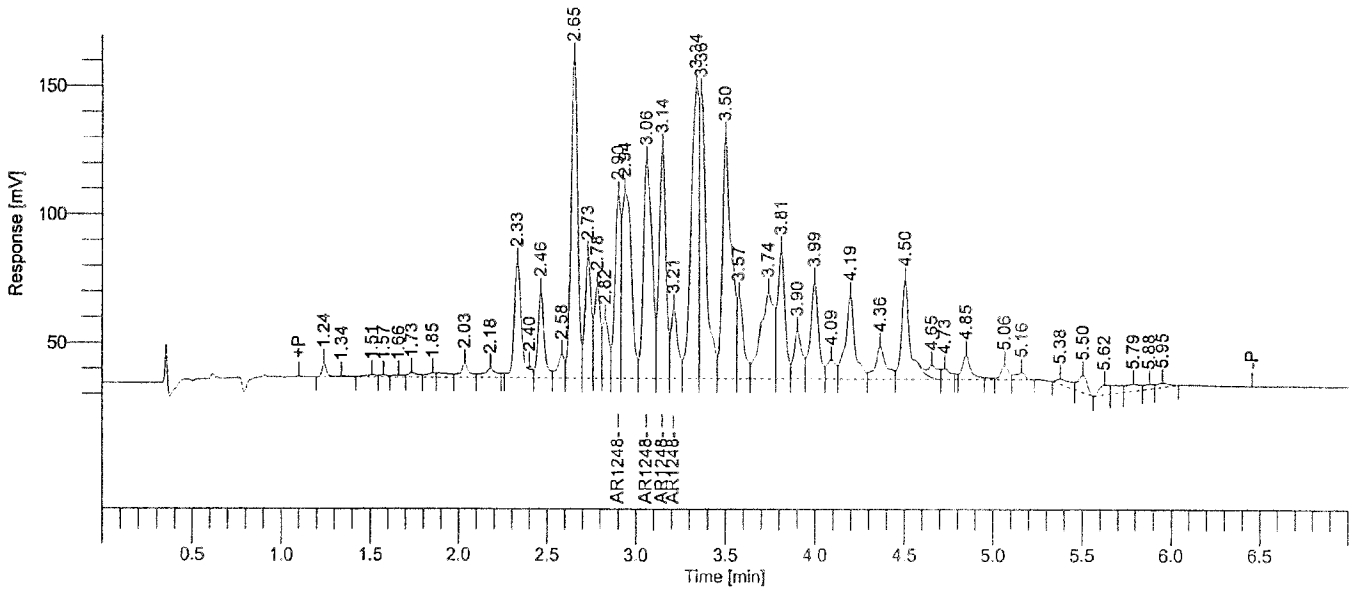
Chromatogram

Sample Name : ICM48TA Sample #: .5NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19A71057.raw
Date : 09/26/2006 08:54:10
Method : SDPCBINS Time of Injection: 09/25/2006 17:03:05
Start Time : 0.00 min End Time : 7.00 min Low Point : 19.50 mV High Point : 191.07 mV
Scale Factor: 1.0 Plot Offset: 19.50 mV Plot Scale: 171.6 mV



Software Version	: 6.2.1.0.104:0104	Date	: 09/26/2006 08:54:16
Reprocess Number	: buf2042: 122441		
Operator	: tchrom	Sample Name	: ACM48OA
Sample Number	: .6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/25/2006 17:22:28	Cycle	: 8

Raw Data File : H:\TURBO6\5890-19\19A71058.raw <Modified>
Result File : H:\TURBO6\5890-19\19A71058.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A71058.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A71058.rst
Calib Method : h:\turbo6\5890-19\sa48(09-25-06).mth from H:\TURBO6\5890-19\19A71058.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-19\19D71.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.14		763496	AR1248	0.5538	1.3786e+06	1.5270e+06	-7.7
		763496		0.5538		1.5270e+06	

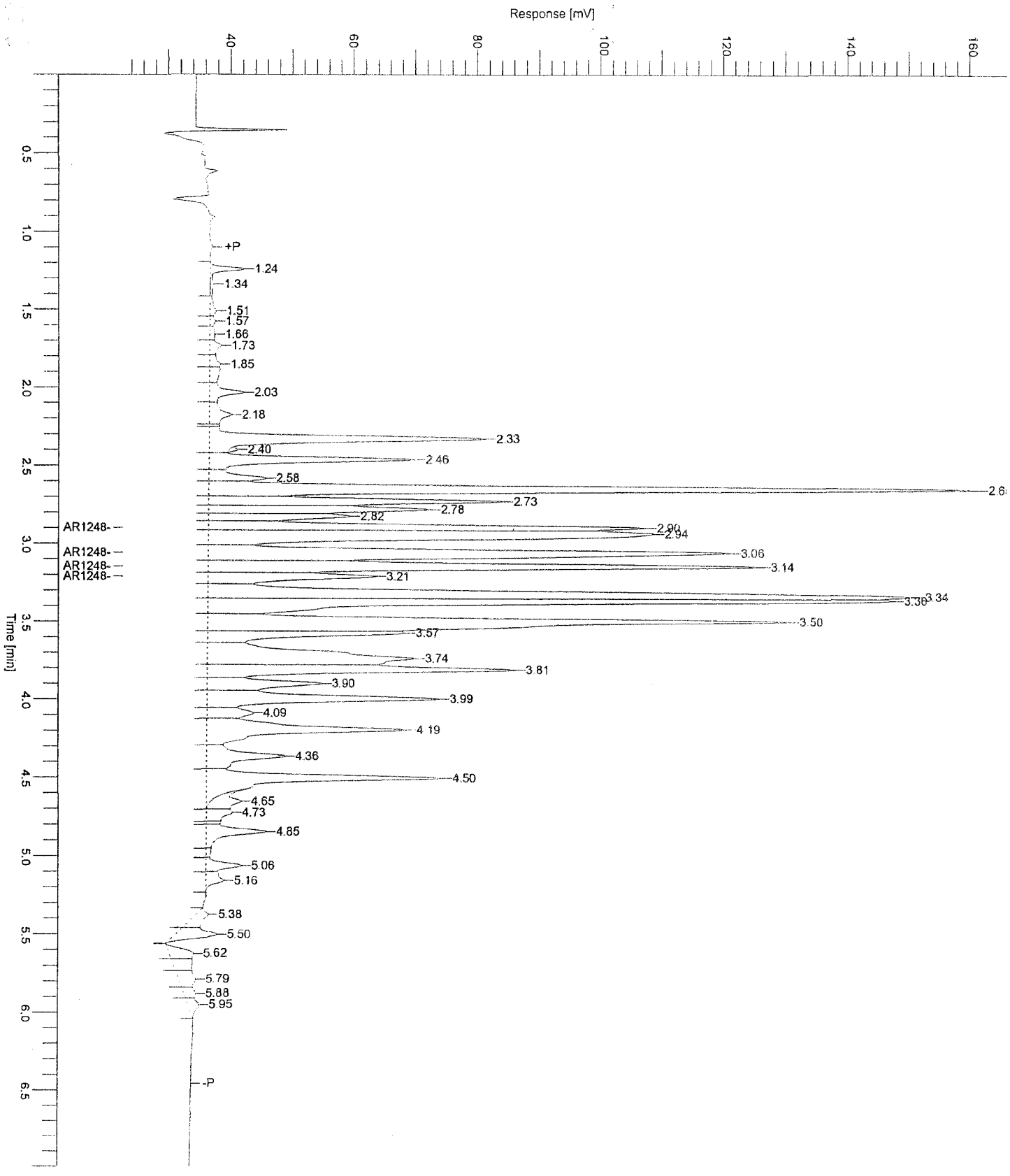
09/26/2006 08:54:16 Result: H:\TURBO6\5890-19\19A71058.rst

Group Report For : AR1248

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.90	VV	159832	AR1248-A	0.5105	3.1308e+05	3.1966e+05	-14.9
3.06	VV	287530	AR1248-B	0.5563	5.1690e+05	5.7506e+05	-7.3
3.14	VV	239481	AR1248-C	0.5797	4.1309e+05	4.7896e+05	-3.4
3.21	VV	76653	AR1248-D	0.5656	1.3554e+05	1.5331e+05	-5.7
		763496		2.2121		1.5270e+06	

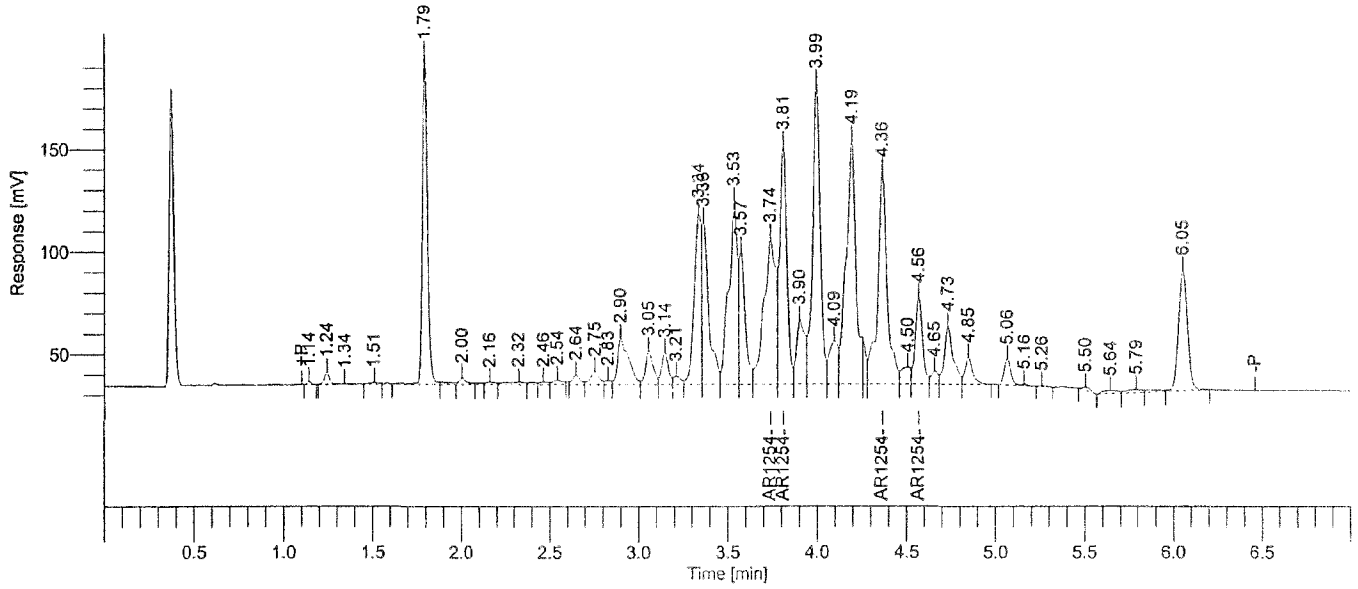
Chromatogram

Sample Name : ACM48OA Sample #: 6NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19A71058.raw
Date : 09/26/2006 08:54:17
Method : SDPCBINS Time of Injection: 09/25/2006 17:22:28
Start Time : 0.00 min End Time : 7.00 min Low Point : 22.51 mV High Point : 161.62 mV
Scale Factor: 1.0 Plot Offset: 22.51 mV Plot Scale: 139.1 mV



Software Version	: 6.2.1.0.104:0104	Date	: 09/26/2006 08:54:23
Reprocess Number	: buf2042: 122443		
Operator	: tchrom	Sample Name	: ICM54WE
Sample Number	: .5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/25/2006 17:41:48	Cycle	: 9

Raw Data File : H:\TURBO6\5890-19\19A71059.raw <Modified>
Result File : H:\TURBO6\5890-19\19A71059.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A71059.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A71059.rst
Calib Method : h:\turbo6\5890-19\sa54(09-25-06).mth from H:\TURBO6\5890-19\19A71059.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D71.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
	3.81		1159612	AR1254	0.5000	0.1250	4
			1159612			0.1250	

Reviewed by: BAD 9/26/06
SEP 26 2006

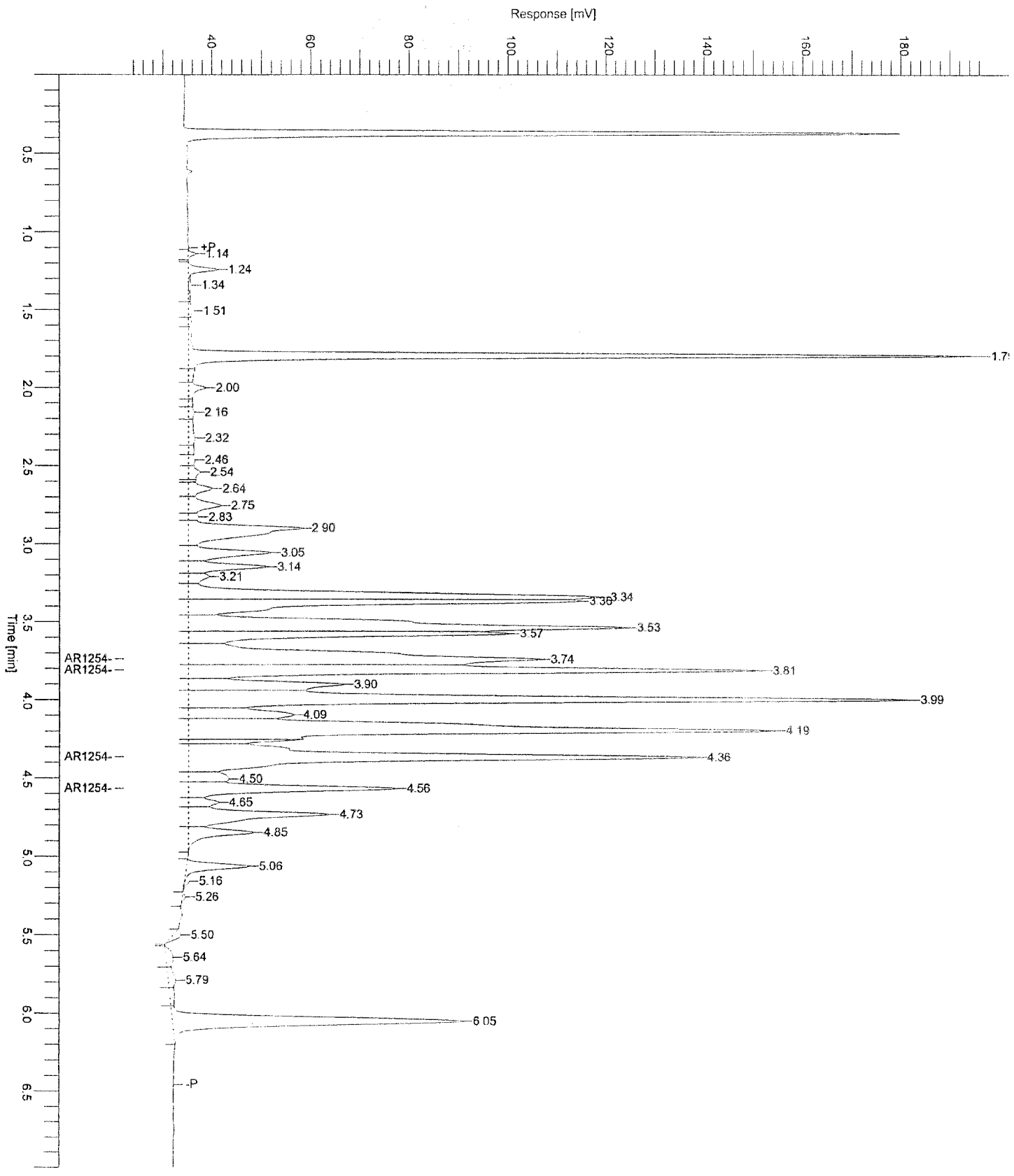
09/26/2006 08:54:23 Result: H:\TURBO6\5890-19\19A71059.rst

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
22	3.74	VV	327286	AR1254-A	0.5000	0.1250	4
23	3.81	VV	329864	AR1254-B	0.5000	0.1250	4
28	4.36	VV	384207	AR1254-C	0.5000	0.1250	4
30	4.56	VV	118255	AR1254-D	0.5000	0.1250	4
			1159612			0.5000	

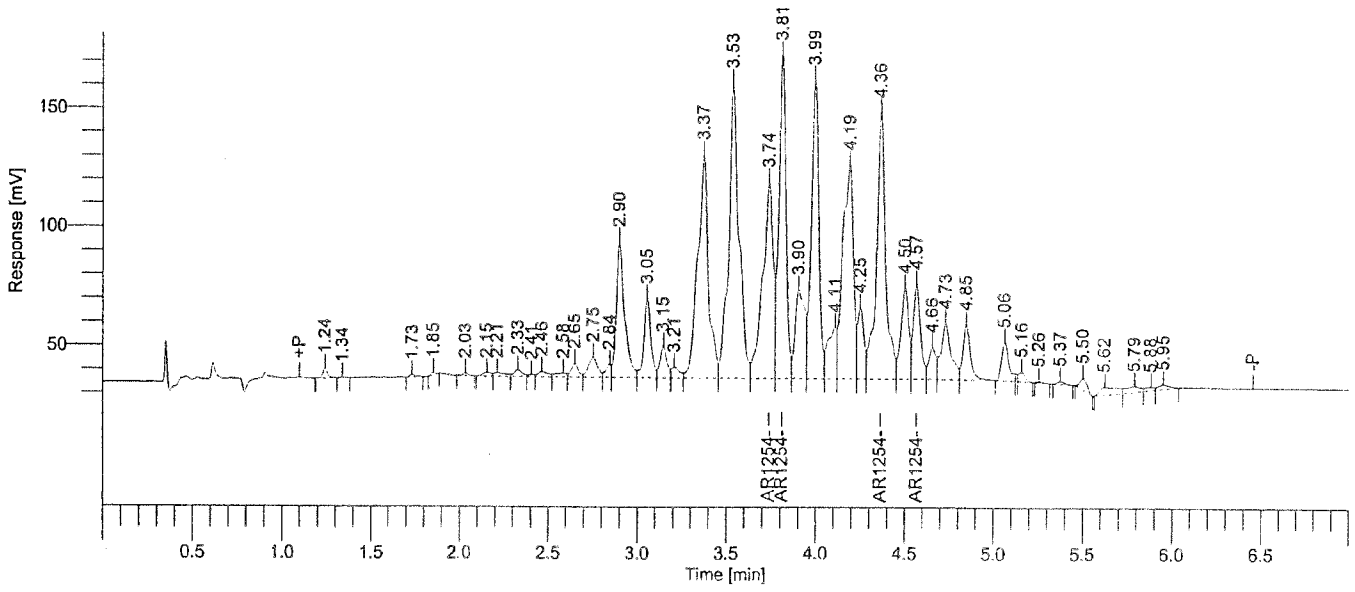
Chromatogram

Sample Name : ICM54WE Sample #: .5NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19A71059.raw
Date : 09/26/2006 08:54:25
Method : SDPCBINS Time of Injection: 09/25/2006 17:41:48
Start Time : 0.00 min End Time : 7.00 min Low Point : 22.04 mV High Point : 196.51 mV
Scale Factor: 1.0 Plot Offset: 22.04 mV Plot Scale: 174.5 mV



Software Version	: 6.2.1.0.104:0104	Date	: 09/26/2006 08:54:30
Reprocess Number	: buf2042: 122445		
Operator	: tchrom	Sample Name	: ACM54TA
Sample Number	: .6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/25/2006 18:01:09	Cycle	: 10

Raw Data File : H:\TURBO6\5890-19\19A71060.raw <Modified>
Result File : H:\TURBO6\5890-19\19A71060.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A71060.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A71060.rst
Calib Method : h:\turbo6\5890-19\sa54(09-25-06).mth from H:\TURBO6\5890-19\19A71060.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-19\19D71.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.81		1228361	AR1254	0.5296	2.3192e+06	2.4567e+06	-11.7
		1228361		0.5296		2.4567e+06	

SEP 26 2006

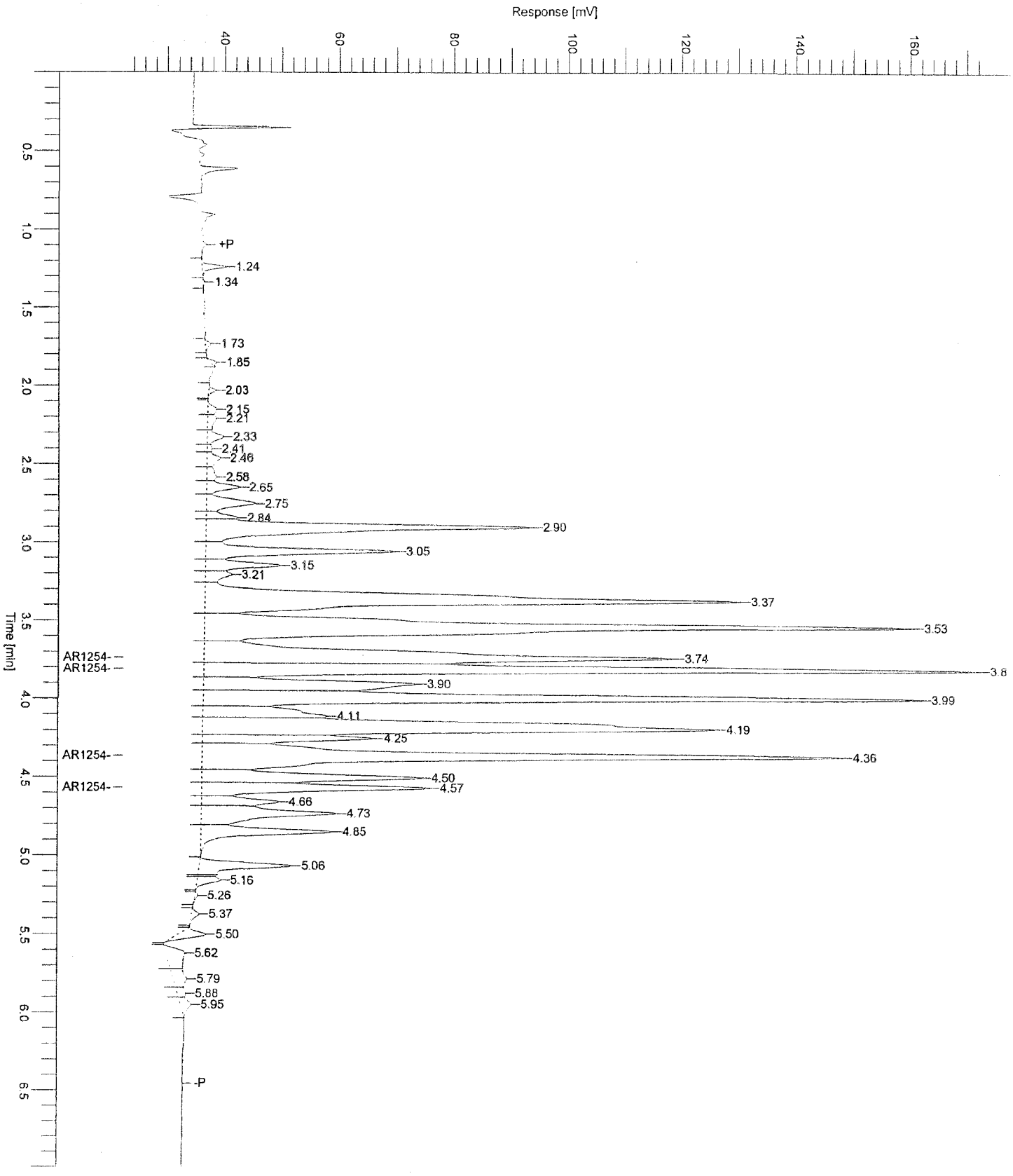
09/26/2006 08:54:30 Result: H:\TURBO6\5890-19\19A71060.rst

Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.74	VV	331933	AR1254-A	0.5071	6.5457e+05	6.6387e+05	-15.5
3.81	VV	377971	AR1254-B	0.5729	6.5973e+05	7.5594e+05	-4.5
4.36	VV	404399	AR1254-C	0.5263	7.6841e+05	8.0880e+05	-12.3
4.57	VV	114058	AR1254-D	0.4823	2.3651e+05	2.2812e+05	-19.6
		1228361		2.0886		2.4567e+06	

Chromatogram

Sample Name : ACM54TA Sample #: 6NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19A71060.raw
Date : 09/26/2006 08:54:32
Method : SDPCBINS Time of Injection: 09/25/2006 18:01:09
Start Time : 0.00 min End Time : 7.00 min Low Point : 22.26 mV High Point : 172.71 mV
Scale Factor: 1.0 Plot Offset: 22.26 mV Plot Scale: 150.5 mV



TotalChrom Method File H:\TURBO6\5890-19\SB66(09-25-06).mth
Printed by : DelongG on: 09/26/2006 09:08:28
Created by : DelongG on: 09/25/2006 14:39:12
Edited by : DelongG on: 09/26/2006 09:08:23
Number of Times Edited : 4
Number of Times Calibrated : 312
Description: NEW 7 PT 1016/1260 CURVE FOR INST #19 9/25/06.

Processed by: EM 9/26/06
Reviewed by: SEP 26 2006

Global Sample Information
Default Sample Volume : 1.000 uL
Quantitation Units : ng
Void Time : 0.000 min
Correct amounts during calibration : Yes
Convert unknowns to concentration units : Yes
Reject outliers during calibration : No

An External Standard calibration will be used
Unknown peaks will be quantitated using a response factor of 1.000000e+06
First peak will be relative retention reference

Component Information
TMX
Component Type : Single Peak Component
Retention Time : 1.551 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.030000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.020000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	32041.83	18096.59	----------	----------	1
B	0.0100	59657.44	33911.25	----------	----------	1
C	0.0200	110911.28	63008.76	----------	----------	1
D	0.0300	158749.32	90036.29	----------	----------	1
E	0.0400	208428.11	117250.14	----------	----------	1
F	0.0500	239538.10	134312.33	----------	----------	1

Calibration Curve : y = (1592.625403) + (6049223.002973)x + (-24951897.651147)x^2 + (0.000000)x^3
R-squared : 0.998977

AR1016-A
Component Type : Single Peak Component
Retention Time : 1.921 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window

09/26/2006 09:08:28 Method: H:\TURBO6\5890-19\SB66(09-25-06).mth

Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	7894.90	3748.34	----------	----------	1
b	0.1000	15280.89	7140.41	----------	----------	1
c	0.2500	32929.88	15439.33	----------	----------	1
d	0.5000	58793.10	27488.65	----------	----------	1
e	1.0000	113810.10	51471.77	----------	----------	1
f	2.5000	225823.02	102254.88	----------	----------	1
H	0.0250	4167.32	1962.73	----------	----------	1

Calibration Curve : y = (1705.316523) + (125481.208277)x + (-14321.242549)x^2 + (0.000000)x^3
R-squared : 0.999805

AR1016-B
Component Type : Single Peak Component
Retention Time : 2.215 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	18553.95	8165.94	----------	----------	1
b	0.1000	33858.23	14985.65	----------	----------	1
c	0.2500	71494.97	31324.72	----------	----------	1
d	0.5000	122850.10	54228.98	----------	----------	1
e	1.0000	228850.72	99330.94	----------	----------	1
f	2.5000	448349.69	193319.18	----------	----------	1
H	0.0250	10010.58	4400.99	----------	----------	1

09/26/2006 09:08:28 Method: H:\TURBO6\5890-19\SB66(09-25-06).mth

Calibration Curve : y = (6652.543188) + (252428.783424)x + (-30307.322624)x^2 + (0.000000)x^3
R-squared : 0.999779

AR1016-C
Component Type : Single Peak Component
Retention Time : 2.504 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	33794.42	12277.01	----------	----------	1
b	0.1000	60215.12	22812.36	----------	----------	1
c	0.2500	130266.92	49564.80	----------	----------	1
d	0.5000	217823.56	87525.19	----------	----------	1
e	1.0000	403299.27	164098.19	----------	----------	1
f	2.5000	809782.42	331411.84	----------	----------	1
H	0.0250	16372.31	6459.90	----------	----------	1

Calibration Curve : y = (13060.328112) + (440784.812109)x + (-48885.875358)x^2 + (0.000000)x^3
R-squared : 0.999614

AR1016
Component Type : Named Group
Group Members
AR1016-A
AR1016-B
AR1016-C
AR1016-D
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.600000
Value 4 : 0.000000
Value 5 : 0.250000

09/26/2006 09:08:28 Method: H:\TURBO6\5890-19\SB66(09-25-06).mth

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	74531.23	29452.91	----------	----------	1
b	0.1000	135446.76	54711.85	----------	----------	1
c	0.2500	292244.74	117718.27	----------	----------	1
d	0.5000	496901.62	206507.32	----------	----------	1
e	1.0000	936074.65	385922.61	----------	----------	1
f	2.5000	1865853.07	769713.65	----------	----------	1
H	0.0250	38115.36	15603.10	----------	----------	1

Calibration Curve : y = (25523.295981) + (1025293.248329)x + (-115689.235751)x^2 + (0.000000)x^3
R-squared : 0.999728

AR1016-D
Component Type : Single Peak Component
Retention Time : 2.611 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	14287.96	5261.62	----------	----------	1
b	0.1000	26092.52	9773.43	----------	----------	1
c	0.2500	57552.96	21389.41	----------	----------	1
d	0.5000	97434.86	37264.50	----------	----------	1
e	1.0000	190114.56	71021.71	----------	----------	1
f	2.5000	381897.94	142727.75	----------	----------	1
h	0.0250	7565.15	2779.48	----------	----------	1

Calibration Curve : y = (4105.108158) + (206598.444519)x + (-22174.795221)x^2 + (0.000000)x^3
R-squared : 0.999659

AR1260-A
Component Type : Single Peak Component
Retention Time : 4.512 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1

09/26/2006 09:08:28 Method: H:\TURBO6\5890-19\SB66(09-25-06).mth

Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	15799.12	6446.57	----------	----------	1
b	0.1000	26721.25	11589.27	----------	----------	1
c	0.2500	61335.75	25826.16	----------	----------	1
d	0.5000	106129.41	45234.63	----------	----------	1
e	1.0000	200391.49	84854.09	----------	----------	1
f	2.5000	404237.24	172679.91	----------	----------	1
H	0.0250	7569.99	3257.54	----------	----------	1

Calibration Curve : y = (4461.833281) + (219693.678957)x + (-23917.909350)x^2 + (0.000000)x^3
R-squared : 0.999815

AR1260-B
Component Type : Single Peak Component
Retention Time : 4.646 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	36931.60	11918.13	----------	----------	1
b	0.1000	60228.63	21674.81	----------	----------	1
c	0.2500	140910.31	47154.27	----------	----------	1
d	0.5000	242488.69	82939.79	----------	----------	1
e	1.0000	443119.17	156391.15	----------	----------	1
f	2.5000	927089.71	321916.86	----------	----------	1
H	0.0250	17786.72	6221.47	----------	----------	1

Calibration Curve : y = (13127.598153) + (480005.809528)x + (-45852.859861)x^2 + (0.000000)x^3
R-squared : 0.999711

09/26/2006 09:08:28 Method: H:\TURBO6\5890-19\SB66(09-25-06).mth

AR1260

Component Type : Named Group
Group Members
AR1260-A
AR1260-B
AR1260-C
AR1260-D
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.600000
Value 4 : 0.000000
Value 5 : 0.250000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	62662.68	22251.07	----------	----------	1
b	0.1000	107312.79	41005.94	----------	----------	1
c	0.2500	249822.05	90504.19	----------	----------	1
d	0.5000	432601.11	159793.28	----------	----------	1
e	1.0000	814521.18	301521.56	----------	----------	1
f	2.5000	1684806.05	618756.34	----------	----------	1
H	0.0250	30297.72	11448.77	----------	----------	1

Calibration Curve : y = (18228.830419) + (885297.851613)x + (-87520.331995)x^2 + (0.000000)x^3
R-squared : 0.999816

AR1260-C
Component Type : Single Peak Component
Retention Time : 5.320 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

09/26/2006 09:08:28 Method: H:\TURBO6\5890-19\SB66(09-25-06).mth

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	7616.65	2924.61	----------	----------	1
b	0.1000	15780.32	5812.64	----------	----------	1
c	0.2500	35708.99	12878.80	----------	----------	1
d	0.5000	62443.75	23058.81	----------	----------	1
e	1.0000	125506.52	43761.81	----------	----------	1
f	2.5000	256723.04	89763.25	----------	----------	1
H	0.0250	3780.75	1481.53	----------	----------	1

Calibration Curve : y = (961.335964) + (136699.602663)x + (-13736.829613)x^2 + (0.000000)x^3
R-squared : 0.999635

AR1260-D
Component Type : Single Peak Component
Retention Time : 5.570 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 4.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	2315.31	961.77	----------	----------	1
b	0.1000	4582.59	1929.21	----------	----------	1
c	0.2500	11867.01	4644.96	----------	----------	1
d	0.5000	21539.26	8560.05	----------	----------	1
e	1.0000	45504.01	16514.50	----------	----------	1
f	2.5000	96756.05	34396.32	----------	----------	1
h	0.0250	1160.27	488.23	----------	----------	1

Calibration Curve : y = (-321.936978) + (48898.760464)x + (-4012.733172)x^2 + (0.000000)x^3
R-squared : 0.999508

DCBP
Component Type : Single Peak Component
Retention Time : 5.804 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1

09/26/2006 09:08:28 Method: H:\TURBO6\5890-19\SB66(09-25-06).mth

Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.030000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.020000
Value 6 : 0.010000
Value 7 : 1.000000

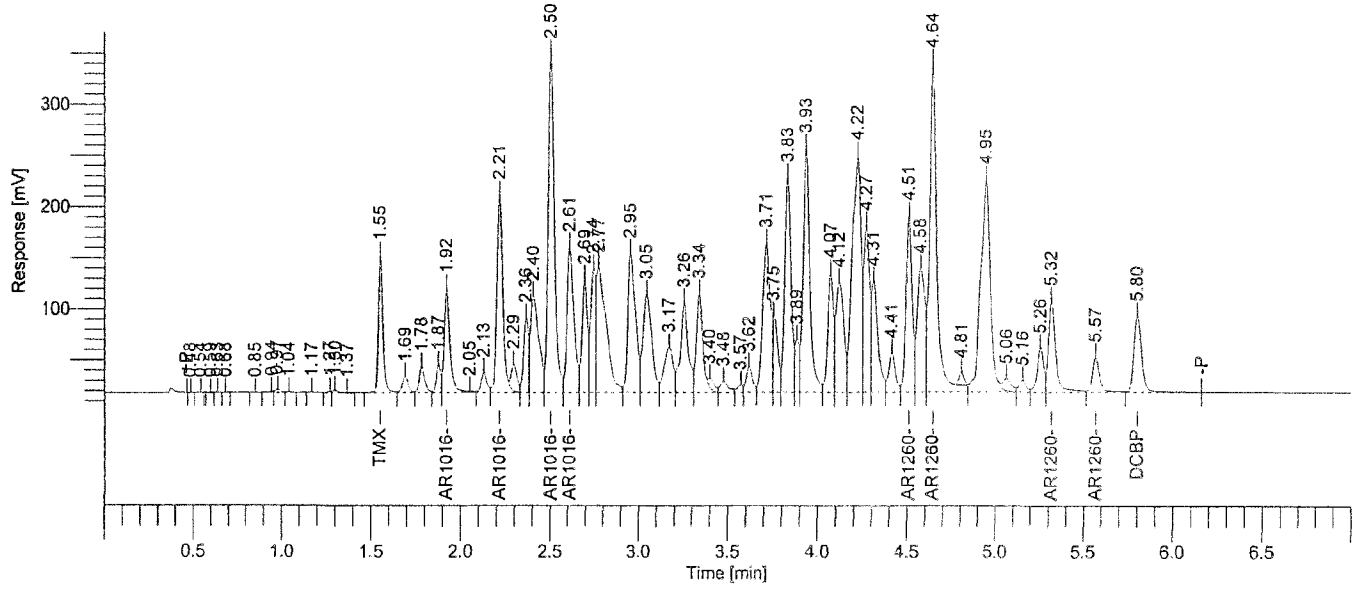
Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	32352.21	11494.13	----------	----------	1
B	0.0100	58695.19	20489.19	----------	----------	1
C	0.0200	106128.09	36009.03	----------	----------	1
D	0.0300	147807.33	50101.06	----------	----------	1
E	0.0400	189936.34	63741.57	----------	----------	1
F	0.0500	225029.08	74590.45	----------	----------	1

Calibration Curve : y = (6790.664953) + (5315740.367167)x + (-18956650.876657)x^2 + (0.000000)x^3
R-squared : 0.999866

Software Version	: 6.2.1.0.104:0104	Date	: 09/26/2006 08:54:41
Reprocess Number	: buf2042: 122448		
Operator	: tchrom	Sample Name	: ICM66OD
Sample Number	: 2.5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/25/2006 18:20:22	Cycle	: 11

Raw Data File : H:\TURBO6\5890-19\19B71061.raw <Modified>
Result File : H:\TURBO6\5890-19\19B71061.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B71061.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B71061.rst
Calib Method : h:\turbo6\5890-19\sb66(09-25-06).mth from H:\TURBO6\5890-19\19B71061.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D71.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
14	1.55	VV	239538	TMX	0.0500	-------	0
	2.50		1865853	AR1016	2.5000	0.6250	4
	4.64		1684806	AR1260	2.5000	0.6250	4
60	5.80	*VB	225029	DCBP	0.0500	-------	0
			4015226			1.2500	

SEP 26 2006

09/26/2006 08:54:41 Result: H:\TURBO6\5890-19\19B71061.rst

Group Report For : AR1016

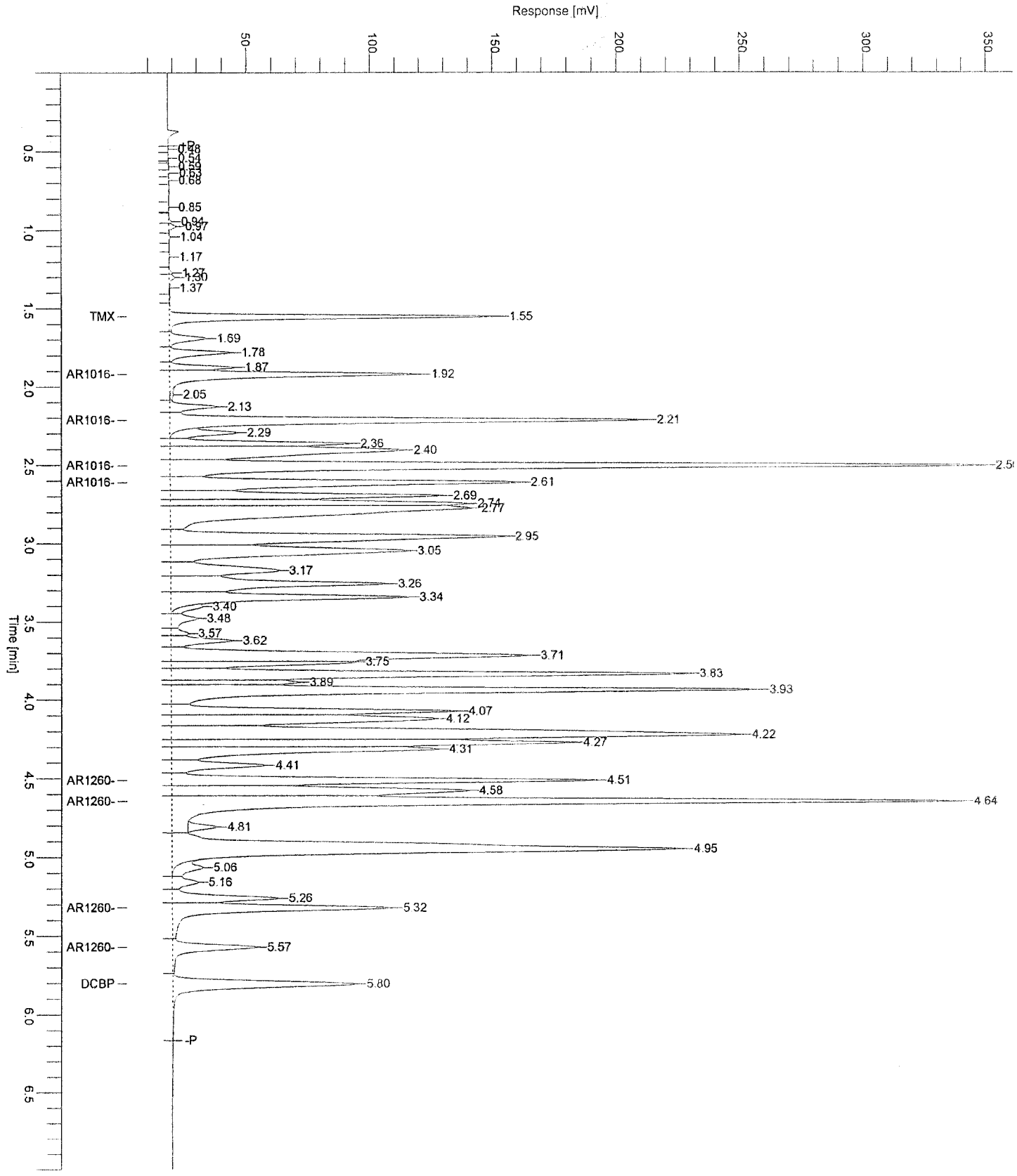
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
18	1.92	VE	225823	AR1016-A	2.5000	0.6250	4
21	2.21	VE	448350	AR1016-B	2.5000	0.6250	4
25	2.50	VV	809782	AR1016-C	2.5000	0.6250	4
26	2.61	VV	381898	AR1016-D	2.5000	0.6250	4
			1865853			2.5000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
50	4.51	VV	404237	AR1260-A	2.5000	0.6250	4
52	4.64	VE	927090	AR1260-B	2.5000	0.6250	4
58	5.32	VV	256723	AR1260-C	2.5000	0.6250	4
59	5.57	VV	96756	AR1260-D	2.5000	0.6250	4
			1684806			2.5000	

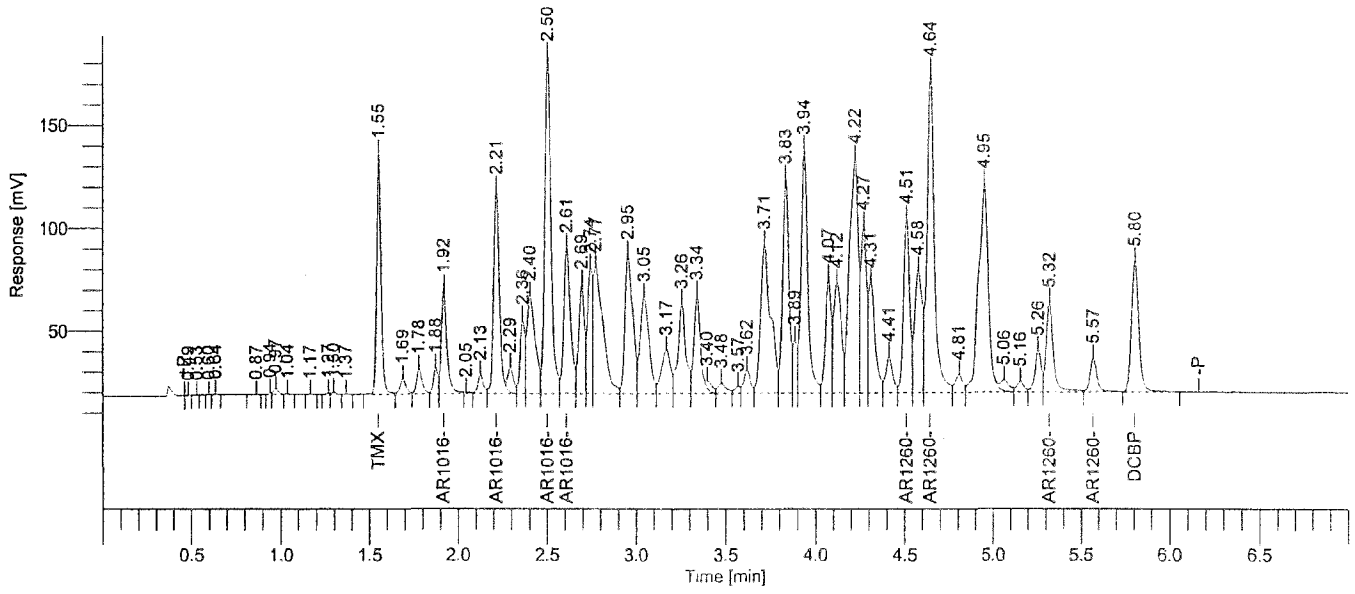
Chromatogram

Sample Name : ICM66OD Sample #: 2.5NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19B71061.raw
Date : 09/26/2006 08:54:42
Method : SDPCBINS Time of Injection: 09/25/2006 18:20:22
Start Time : 0.00 min End Time : 7.00 min Low Point : 1.42 mV High Point : 350.21 mV
Scale Factor: 1.0 Plot Offset: 1.42 mV Plot Scale: 348.8 mV



Software Version	: 6.2.1.0.104:0104	Date	: 09/26/2006 08:54:48
Reprocess Number	: buf2042: 122450		
Operator	: tchrom	Sample Name	: ICM66OE
Sample Number	: 1.0NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/25/2006 18:39:34	Cycle	: 12

Raw Data File : H:\TURBO6\5890-19\19B71062.raw <Modified>
Result File : H:\TURBO6\5890-19\19B71062.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B71062.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B71062.rst
Calib Method : h:\turbo6\5890-19\sb66(09-25-06).mth from H:\TURBO6\5890-19\19B71062.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D71.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
13	1.55	VV	208428	TMX	0.0400	-------	0
	2.50		936075	AR1016	1.0000	0.2500	4
	4.64		814521	AR1260	1.0000	0.2500	4
58	5.80	VB	189936	DCBP	0.0400	-------	0
			2148960			0.5000	

SEP 26 2006

09/26/2006 08:54:48 Result: H:\TURBO6\5890-19\19B71062.rst

Group Report For : AR1016

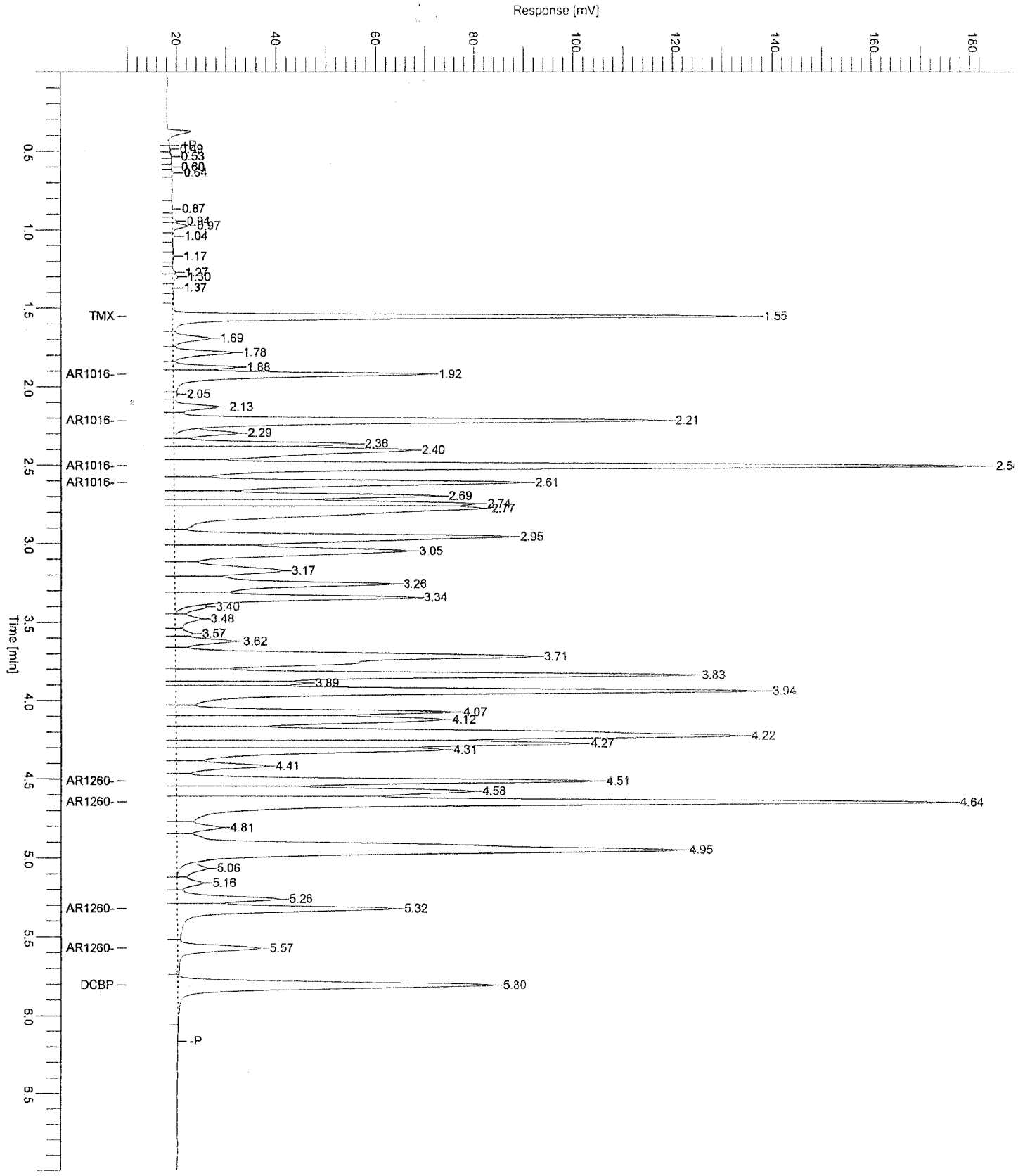
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
17	1.92	VV	113810	AR1016-A	1.0000	0.2500	4
20	2.21	VE	228851	AR1016-B	1.0000	0.2500	4
24	2.50	VV	403299	AR1016-C	1.0000	0.2500	4
25	2.61	VV	190115	AR1016-D	1.0000	0.2500	4
			936075			1.0000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
48	4.51	VV	200391	AR1260-A	1.0000	0.2500	4
50	4.64	VV	443119	AR1260-B	1.0000	0.2500	4
56	5.32	VV	125507	AR1260-C	1.0000	0.2500	4
57	5.57	VV	45504	AR1260-D	1.0000	0.2500	4
			814521			1.0000	

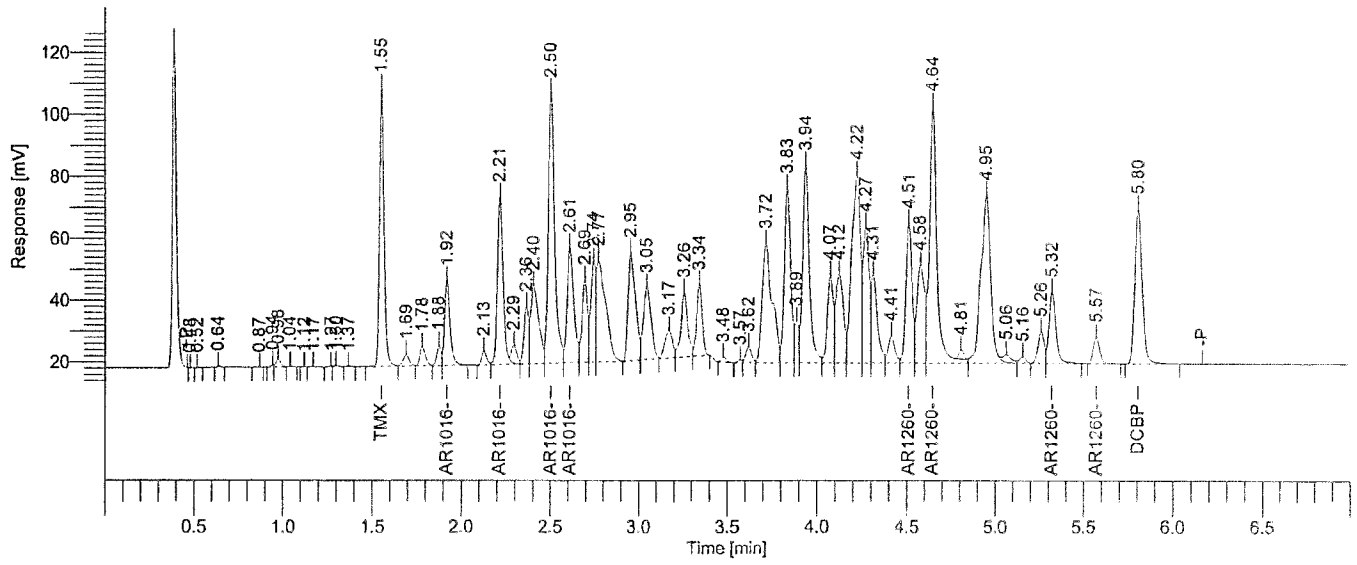
Chromatogram

Sample Name : ICM66OE Sample #: 1.0NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19B71062.raw
Date : 09/26/2006 08:54:49
Method : SDPCBINS Time of Injection: 09/25/2006 18:39:34
Start Time : 0.00 min End Time : 7.00 min Low Point : 9.79 mV High Point : 183.49 mV
Scale Factor: 1.0 Plot Offset: 9.79 mV Plot Scale: 173.7 mV



Software Version	: 6.2.1.0.104:0104	Date	: 09/26/2006 08:54:56
Reprocess Number	: buf2042: 122452		
Operator	: tchrom	Sample Name	: ICM66OK
Sample Number	: .5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/25/2006 18:58:53	Cycle	: 13

Raw Data File : H:\TURBO6\5890-19\19B71063.raw <Modified>
Result File : H:\TURBO6\5890-19\19B71063.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B71063.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B71063.rst
Calib Method : h:\turbo6\5890-19\sb66(09-25-06).mth from H:\TURBO6\5890-19\19B71063.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D71.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
13	1.55	BV	158749	TMX	0.0300	-------	0
	2.50		496902	AR1016	0.5000	0.1250	4
	4.64		432601	AR1260	0.5000	0.1250	4
56	5.80	BB	147807	DCBP	0.0300	-------	0
			1236059			0.2500	

SEP 26 2006

09/26/2006 08:54:56 Result: H:\TURBO6\5890-19\19B71063.rst

Group Report For : AR1016

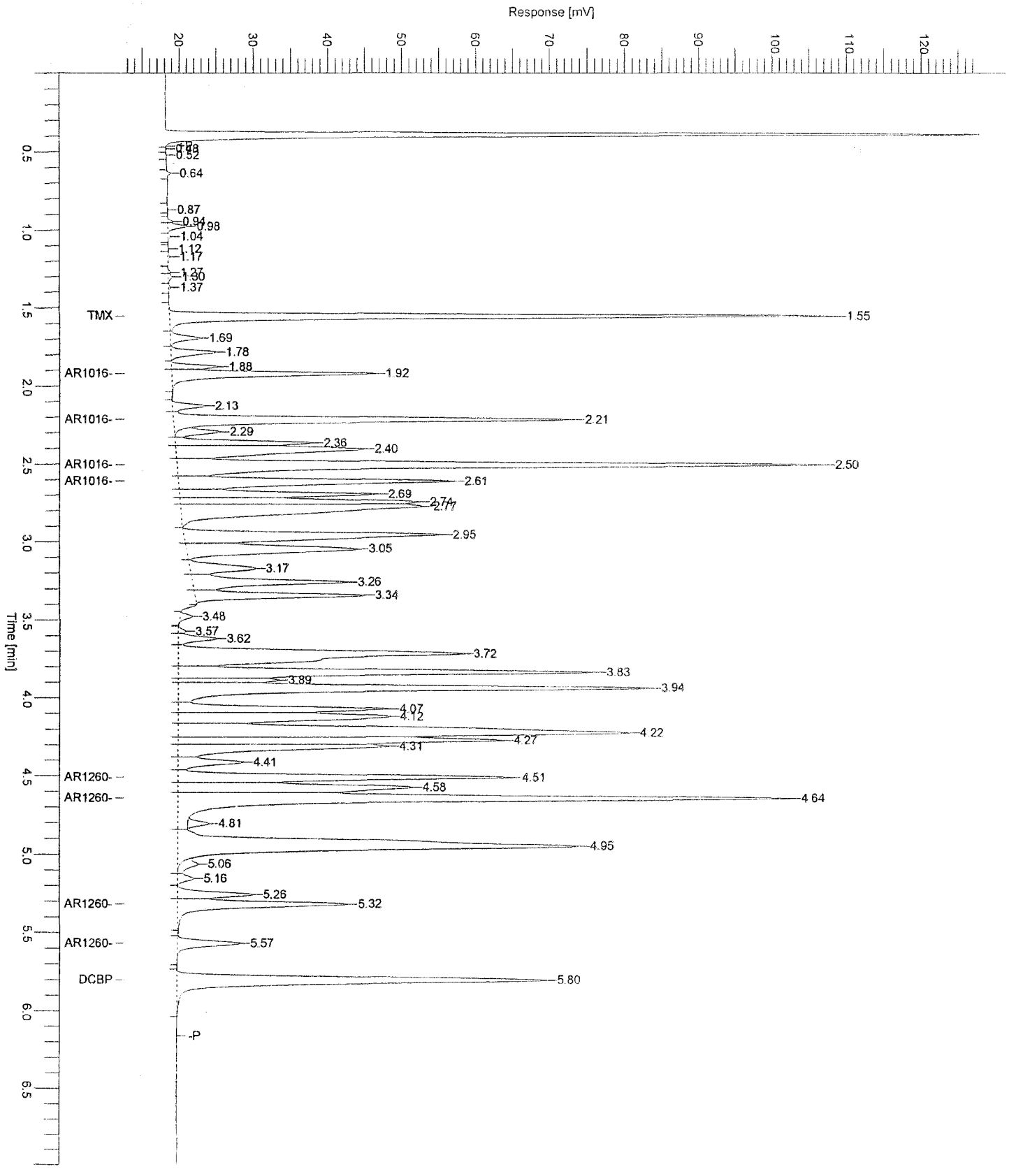
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
17	1.92	VB	58793	AR1016-A	0.5000	0.1250	4
19	2.21	VE	122850	AR1016-B	0.5000	0.1250	4
23	2.50	VV	217824	AR1016-C	0.5000	0.1250	4
24	2.61	VV	97435	AR1016-D	0.5000	0.1250	4
			496902			0.5000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
46	4.51	VV	106129	AR1260-A	0.5000	0.1250	4
48	4.64	VE	242489	AR1260-B	0.5000	0.1250	4
54	5.32	VV	62444	AR1260-C	0.5000	0.1250	4
55	5.57	VB	21539	AR1260-D	0.5000	0.1250	4
			432601			0.5000	

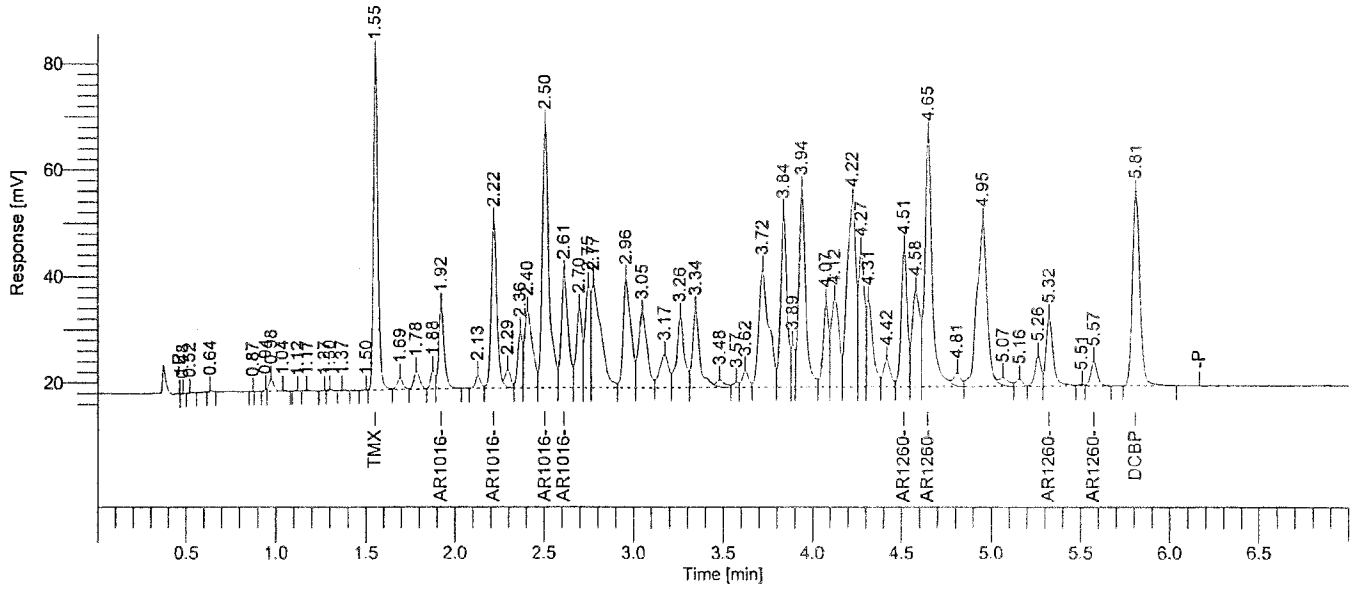
Chromatogram

Sample Name : ICM66OK Sample #: .5NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19B71063.raw
Date : 09/26/2006 08:54:57
Method : SDPCBINS Time of Injection: 09/25/2006 18:58:53
Start Time : 0.00 min End Time : 7.00 min Low Point : 12.58 mV High Point : 127.91 mV
Scale Factor: 1.0 Plot Offset: 12.58 mV Plot Scale: 115.3 mV



Software Version	: 6.2.1.0.104:0104	Date	: 09/26/2006 08:55:02
Reprocess Number	: buf2042: 122454		
Operator	: tchrom	Sample Name	: ICM66OF
Sample Number	: .25NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/25/2006 19:18:14	Cycle	: 14

Raw Data File : H:\TURBO6\5890-19\19B71064.raw <Modified>
Result File : H:\TURBO6\5890-19\19B71064.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B71064.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B71064.rst
Calib Method : h:\turbo6\5890-19\sb66(09-25-06).mth from H:\TURBO6\5890-19\19B71064.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D71.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
14	1.55	VV	110911	TMX	0.0200	------	0
	2.50		292245	AR1016	0.2500	0.0625	4
	4.65		249822	AR1260	0.2500	0.0625	4
58	5.81	VB	106128	DCBP	0.0200	------	0
			759106			0.1250	

SEP 26 2006

09/26/2006 08:55:02 Result: H:\TURBO6\5890-19\19B71064.rst

Group Report For : AR1016

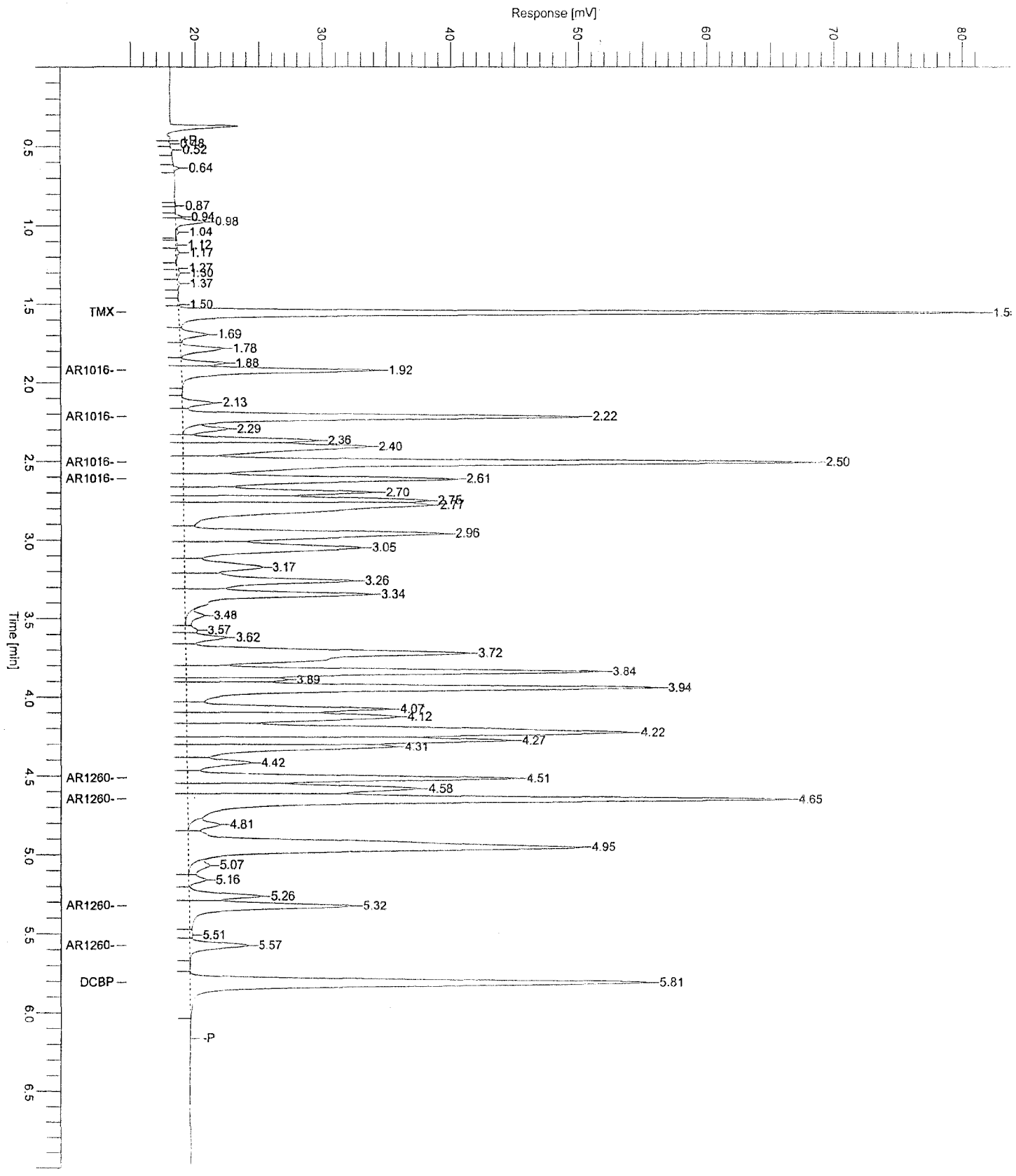
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
18	1.92	VB	32930	AR1016-A	0.2500	0.0625	4
20	2.22	VE	71495	AR1016-B	0.2500	0.0625	4
24	2.50	VV	130267	AR1016-C	0.2500	0.0625	4
25	2.61	VV	57553	AR1016-D	0.2500	0.0625	4
			292245			0.2500	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
47	4.51	VV	61336	AR1260-A	0.2500	0.0625	4
49	4.65	VE	140910	AR1260-B	0.2500	0.0625	4
55	5.32	VV	35709	AR1260-C	0.2500	0.0625	4
57	5.57	VV	11867	AR1260-D	0.2500	0.0625	4
			249822			0.2500	

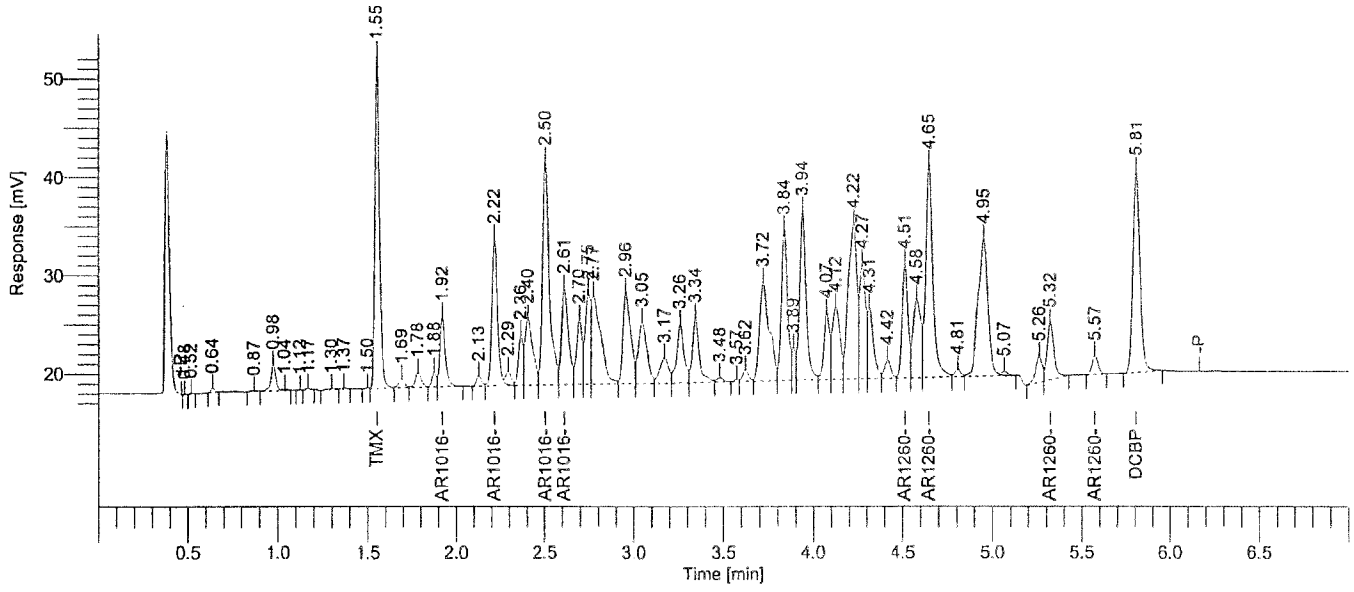
Chromatogram

Sample Name : ICM66OF Sample #: 25NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19B71064.raw
Date : 09/26/2006 08:55:04
Method : SDPCBINS Time of Injection: 09/25/2006 19:18:14
Start Time : 0.00 min End Time : 7.00 min Low Point : 14.61 mV High Point : 81.65 mV
Scale Factor: 1.0 Plot Offset: 14.61 mV Plot Scale: 67.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 09/26/2006 08:55:10
Reprocess Number	: buf2042: 122456		
Operator	: tchrom	Sample Name	: ICM66OG
Sample Number	: .1NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/25/2006 19:37:32	Cycle	: 15

Raw Data File : H:\TURBO6\5890-19\19B71065.raw <Modified>
Result File : H:\TURBO6\5890-19\19B71065.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B71065.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B71065.rst
Calib Method : h:\turbo6\5890-19\sb66(09-25-06).mth from H:\TURBO6\5890-19\19B71065.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D71.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
12	1.55	VV	59657	TMX	0.0100	-------	0
	2.50		135447	AR1016	0.1000	0.0250	4
	4.65		107313	AR1260	0.1000	0.0250	4
54	5.81	BB	58695	DCBP	0.0100	-------	0
			361112			0.0500	

SEP 26 2006

09/26/2006 08:55:10 Result: H:\TURBO6\5890-19\19B71065.rst

Group Report For : AR1016

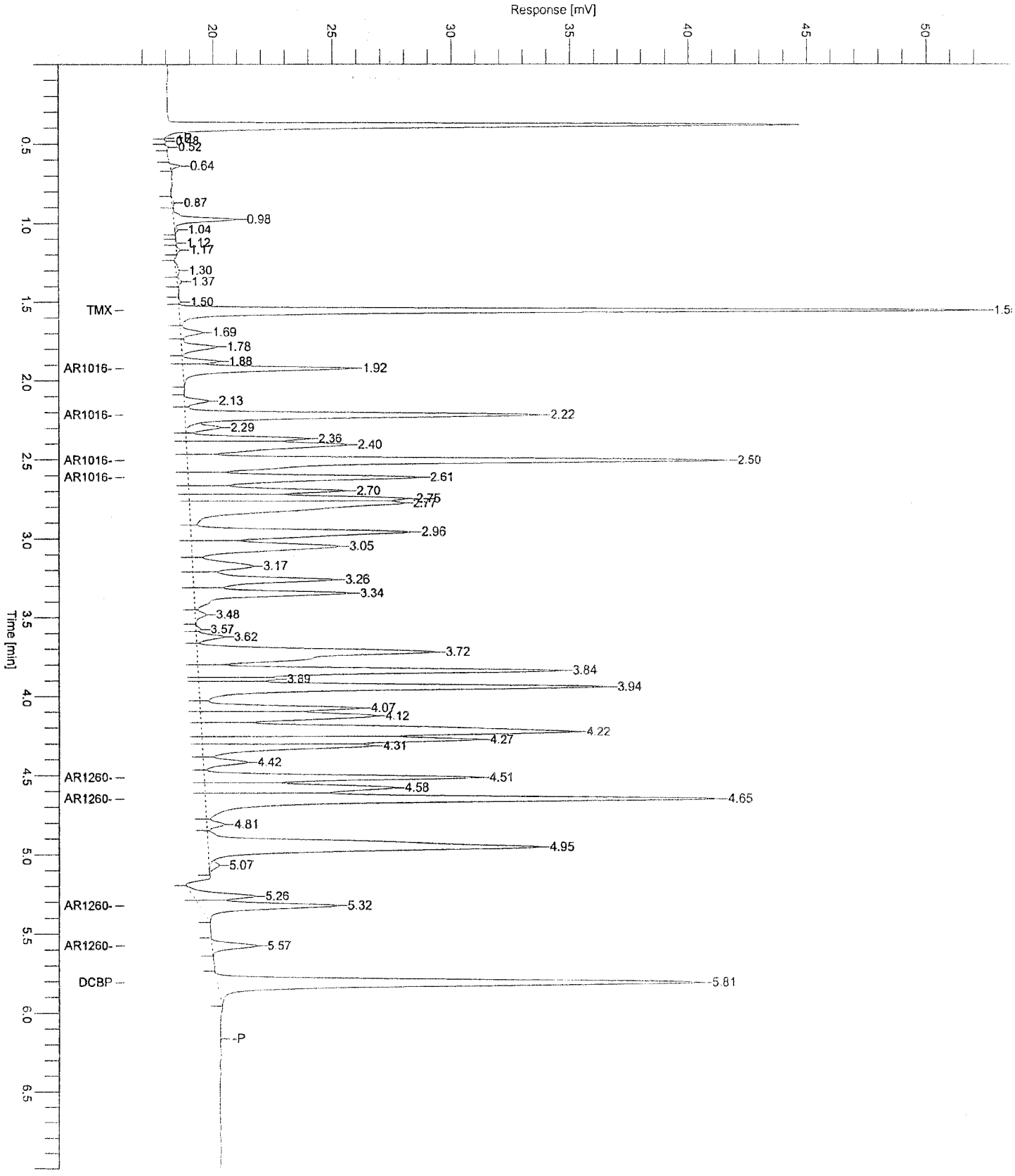
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
16	1.92	VB	15281	AR1016-A	0.1000	0.0250	4
18	2.22	VE	33858	AR1016-B	0.1000	0.0250	4
22	2.50	VV	60215	AR1016-C	0.1000	0.0250	4
23	2.61	VV	26093	AR1016-D	0.1000	0.0250	4
			135447			0.1000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
45	4.51	VV	26721	AR1260-A	0.1000	0.0250	4
47	4.65	VV	60229	AR1260-B	0.1000	0.0250	4
52	5.32	VB	15780	AR1260-C	0.1000	0.0250	4
53	5.57	BB	4583	AR1260-D	0.1000	0.0250	4
			107313			0.1000	

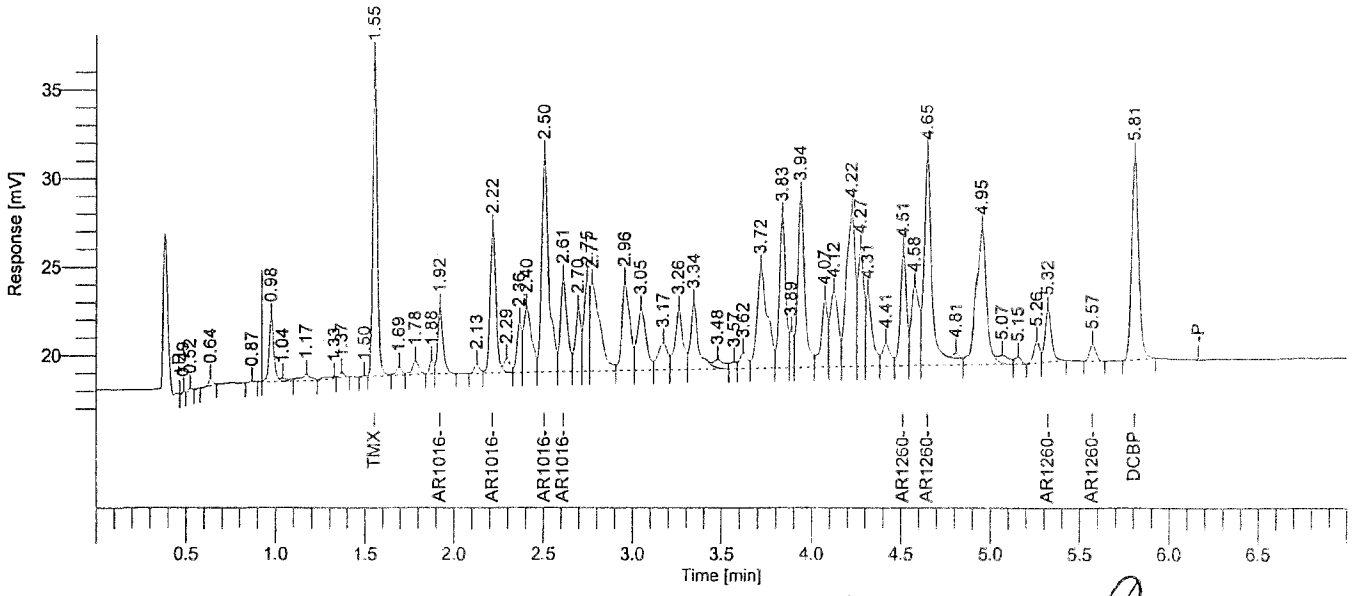
Chromatogram

Sample Name : ICM66OG Sample #: .1NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19B71065.raw
Date : 09/26/2006 08:55:11
Method : SDPCBINS Time of Injection: 09/25/2006 19:37:32
Start Time : 0.00 min End Time : 7.00 min Low Point : 16.20 mV High Point : 52.44 mV
Scale Factor: 1.0 Plot Offset: 16.20 mV Plot Scale: 36.2 mV



Software Version	: 6.2.1.0.104:0104	Date	: 09/26/2006 08:55:16
Reprocess Number	: buf2042: 122458		
Operator	: tchrom	Sample Name	: ICM66OH
Sample Number	: .05NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/25/2006 19:56:53	Cycle	: 16

Raw Data File : H:\TURBO6\5890-19\19B71066.raw <Modified>
Result File : H:\TURBO6\5890-19\19B71066.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B71066.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B71066.rst
Calib Method : h:\turbo6\5890-19\sb66(09-25-06).mth from H:\TURBO6\5890-19\19B71066.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D71.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
11	1.55	VV	32042	TMX	0.0050	------	0
	2.50		74531	AR1016	0.0500	0.0125	4
	4.65		62663	AR1260	0.0500	0.0125	4
54	5.81	BB	32352	DCBP	0.0050	------	0
			201588			0.0250	

SEP 26 2006

09/26/2006 08:55:16 Result: H:\TURBO6\5890-19\19B71066.rst

Group Report For : AR1016

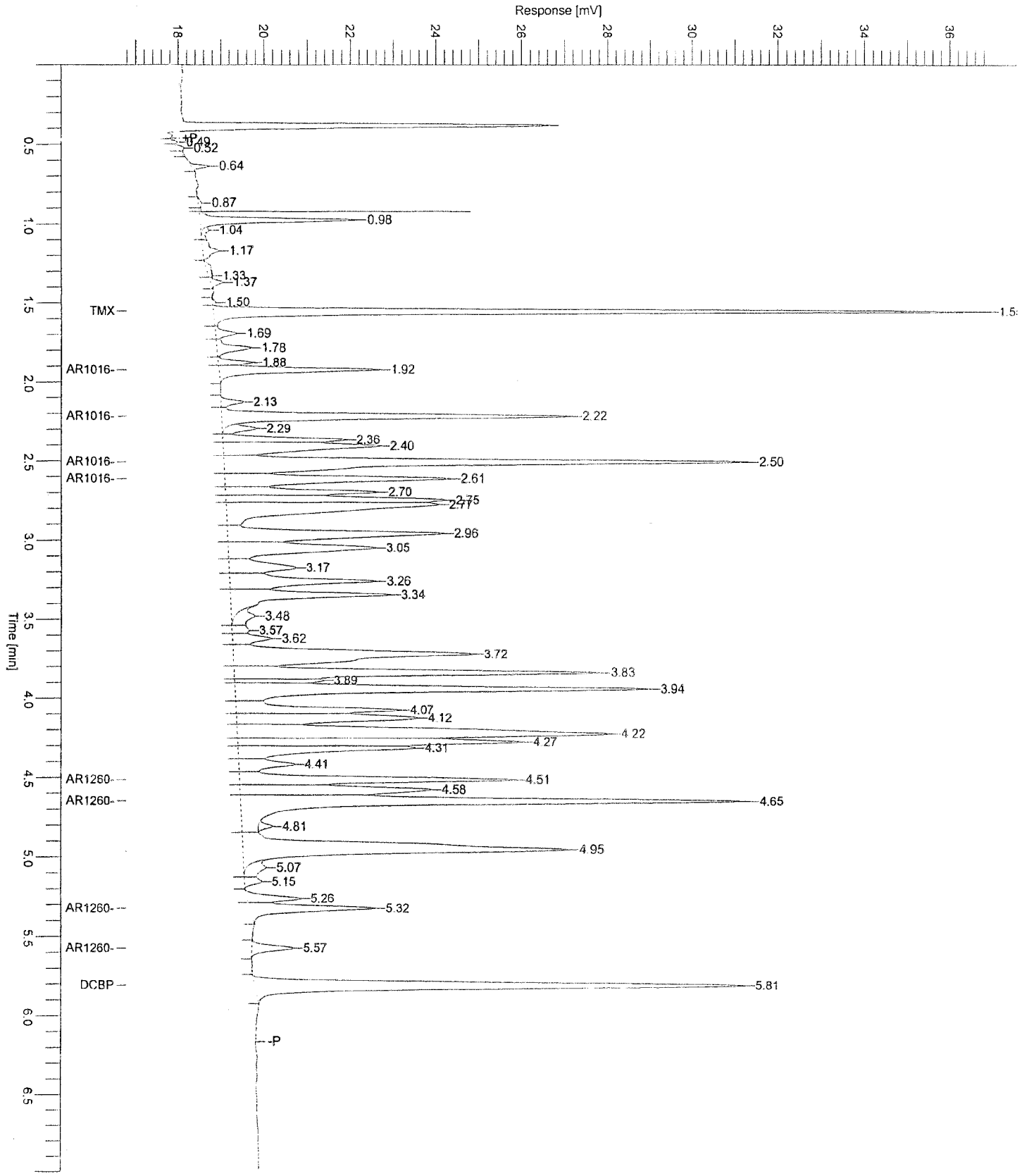
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
15	1.92	VB	7895	AR1016-A	0.0500	0.0125	4
17	2.22	VE	18554	AR1016-B	0.0500	0.0125	4
21	2.50	VV	33794	AR1016-C	0.0500	0.0125	4
22	2.61	VV	14288	AR1016-D	0.0500	0.0125	4
			74531			0.0500	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
44	4.51	VV	15799	AR1260-A	0.0500	0.0125	4
46	4.65	VE	36932	AR1260-B	0.0500	0.0125	4
52	5.32	VB	7617	AR1260-C	0.0500	0.0125	4
53	5.57	BB	2315	AR1260-D	0.0500	0.0125	4
			62663			0.0500	

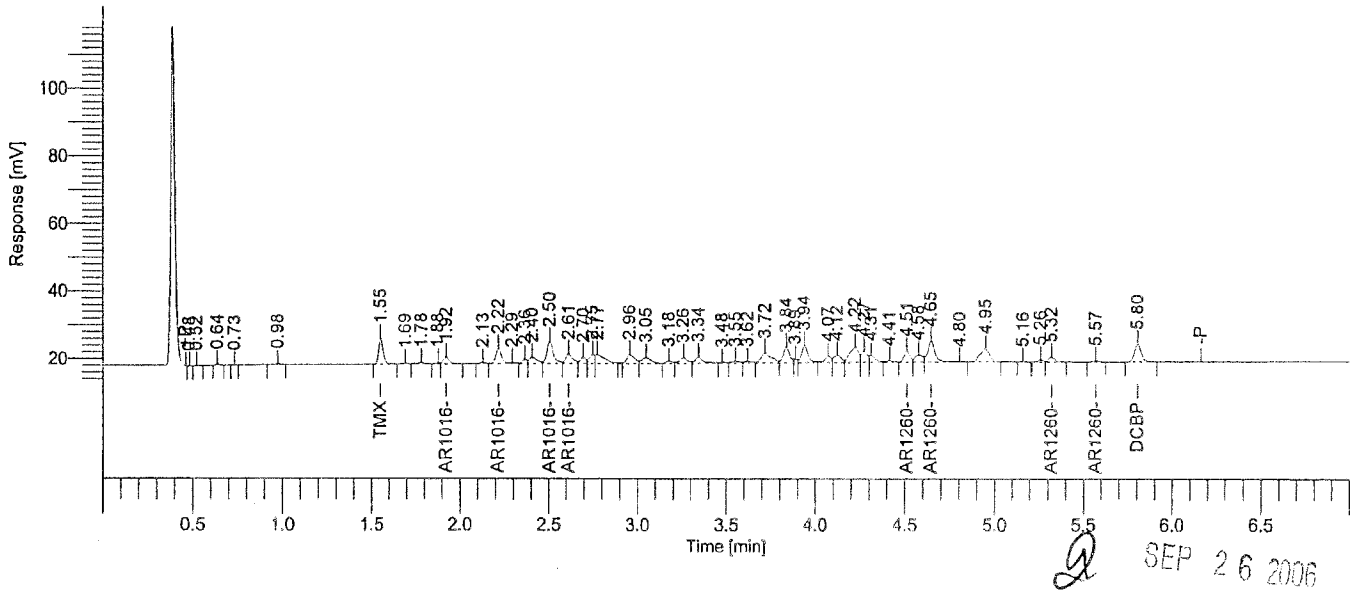
Chromatogram

Sample Name : ICM66OH Sample #: 05NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19B71066.raw
Date : 09/26/2006 08:55:17
Method : SDPCBINS Time of Injection: 09/25/2006 19:56:53
Start Time : 0.00 min End Time : 7.00 min Low Point : 16.79 mV High Point : 36.92 mV
Scale Factor: 1.0 Plot Offset: 16.79 mV Plot Scale: 20.1 mV



Software Version	: 6.2.1.0.104:0104	Date	: 09/26/2006 08:55:22
Reprocess Number	: buf2042: 122460		
Operator	: tchrom	Sample Name	: ICM66OF
Sample Number	: .025NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/25/2006 20:16:11	Cycle	: 17

Raw Data File : H:\TURBO6\5890-19\19B71067.raw <Modified>
Result File : H:\TURBO6\5890-19\19B71067.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B71067.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B71067.rst
Calib Method : h:\turbo6\5890-19\sb66(09-25-06).mth from H:\TURBO6\5890-19\19B71067.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D71.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
6	1.55	BV	13587	TMX	~~0.0017~~	------	0
	2.50		38115	AR1016	0.0250	0.0063	4
	4.65		30298	AR1260	0.0250	0.0063	4
48	5.80	BB	14776	DCBP	~~0.0017~~	------	0
			96776			0.0125	

09/26/2006 08:55:22 Result: H:\TURBO6\5890-19\19B71067.rst

Group Report For : AR1016

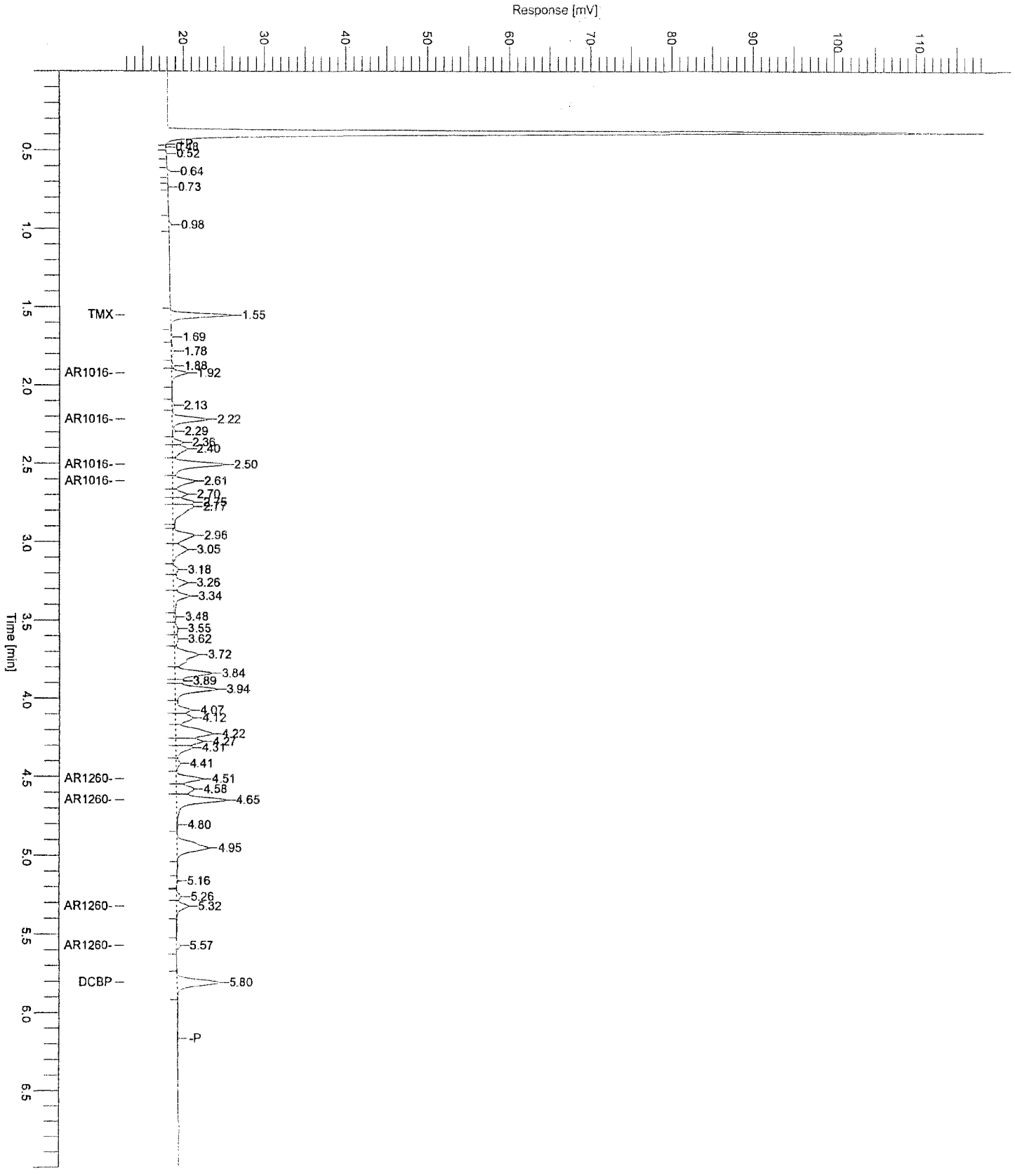
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
10	1.92	VB	4167	AR1016-A	0.0250	0.0063	4
12	2.22	VE	10011	AR1016-B	0.0250	0.0063	4
16	2.50	VV	16372	AR1016-C	0.0250	0.0063	4
17	2.61	VV	7565	AR1016-D	0.0250	0.0063	4
			38115			0.0250	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
39	4.51	VV	7570	AR1260-A	0.0250	0.0063	4
41	4.65	VE	17787	AR1260-B	0.0250	0.0063	4
46	5.32	VB	3781	AR1260-C	0.0250	0.0063	4
47	5.57	BB	1160	AR1260-D	0.0250	0.0063	4
			30298			0.0250	

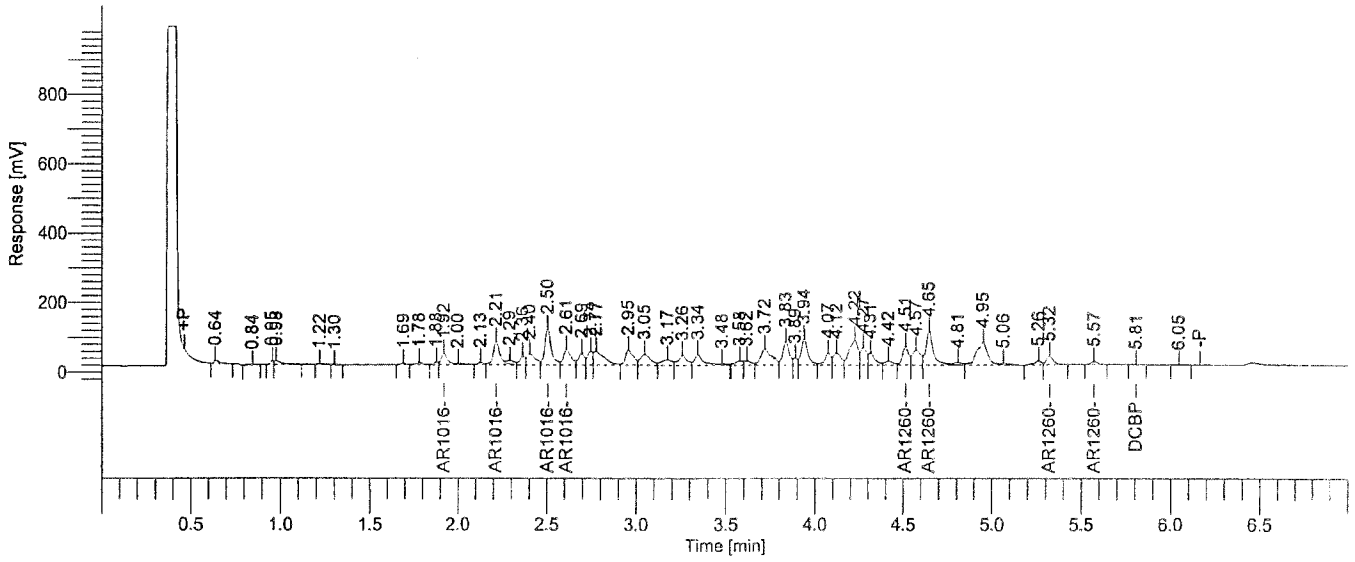
Chromatogram

Sample Name : ICM66OF Sample #: 025NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19B71067.raw
Date : 09/26/2006 08:55:23
Method : SDPCBINS Time of Injection: 09/25/2006 20:16:11
Start Time : 0.00 min End Time : 7.00 min Low Point : 12.77 mV High Point : 118.41 mV
Scale Factor: 1.0 Plot Offset: 12.77 mV Plot Scale: 105.6 mV



Software Version	: 6.2.1.0.104:0104	Date	: 09/26/2006 09:22:23
Operator	: tchrom	Sample Name	: ACM66GB
Sample Number	: .6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/25/2006 20:35:30	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19B71068.raw <Modified>
Result File : H:\TURBO6\5890-19\19B71068.rst [Editing in Progress]
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B71068.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B71068.rst [Editing in Progress]
Calib Method : h:\turbo6\5890-19\sb66(09-25-06).mth from H:\TURBO6\5890-19\19B71068.rst [Editing in Progress]
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-19\19D71.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.50		665231	AR1016	0.6754	9.8495e+05	1.3305e+06	12.6
4.65		525028	AR1260	0.6091	8.6191e+05	1.0501e+06	1.5
		1190259		1.2845		2.3805e+06	

SEP 26 2006

09/26/2006 09:22:23 Result: H:\TURBO6\5890-19\19B71068.rst

Group Report For : AR1016

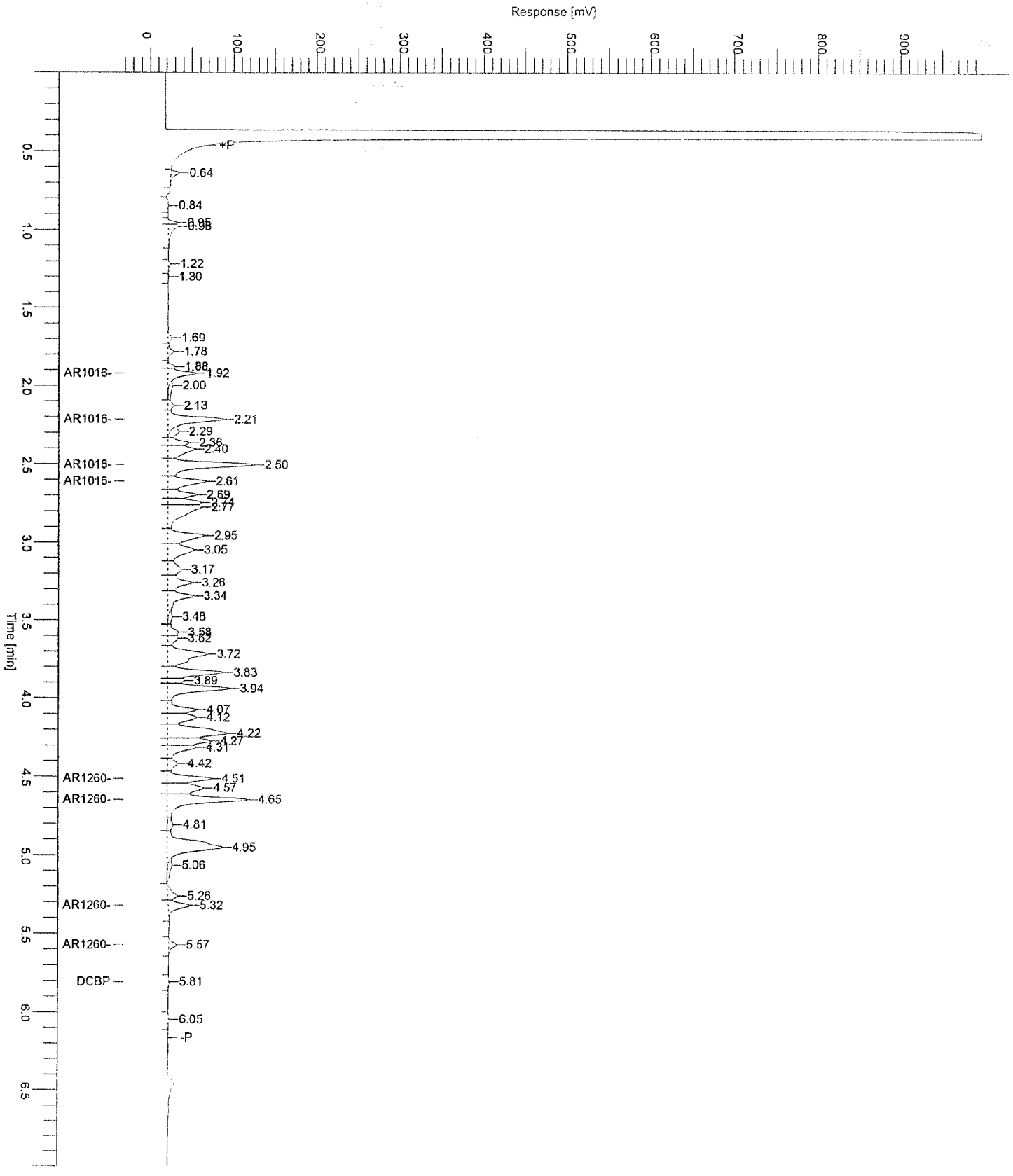
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.92	VE	83924	AR1016-A	0.7133	1.1766e+05	1.6785e+05	18.9
2.21	VE	181414	AR1016-B	0.7620	2.3806e+05	3.6283e+05	27.0
2.50	VV	270099	AR1016-C	0.6267	4.3099e+05	5.4020e+05	4.4
2.61	VV	129794	AR1016-D	0.6543	1.9836e+05	2.5959e+05	9.1
		665231		2.7564		1.3305e+06	

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
4.51	VV	128941	AR1260-A	0.6067	2.1254e+05	2.5788e+05	1.1
4.65	VE	307390	AR1260-B	0.6539	4.7010e+05	6.1478e+05	9.0
5.32	VB	67251	AR1260-C	0.5112	1.3156e+05	1.3450e+05	-14.8
5.57	BB	21446	AR1260-D	0.4627	46346.1926	42892.3557	-22.9
		525028		2.2345		1.0501e+06	

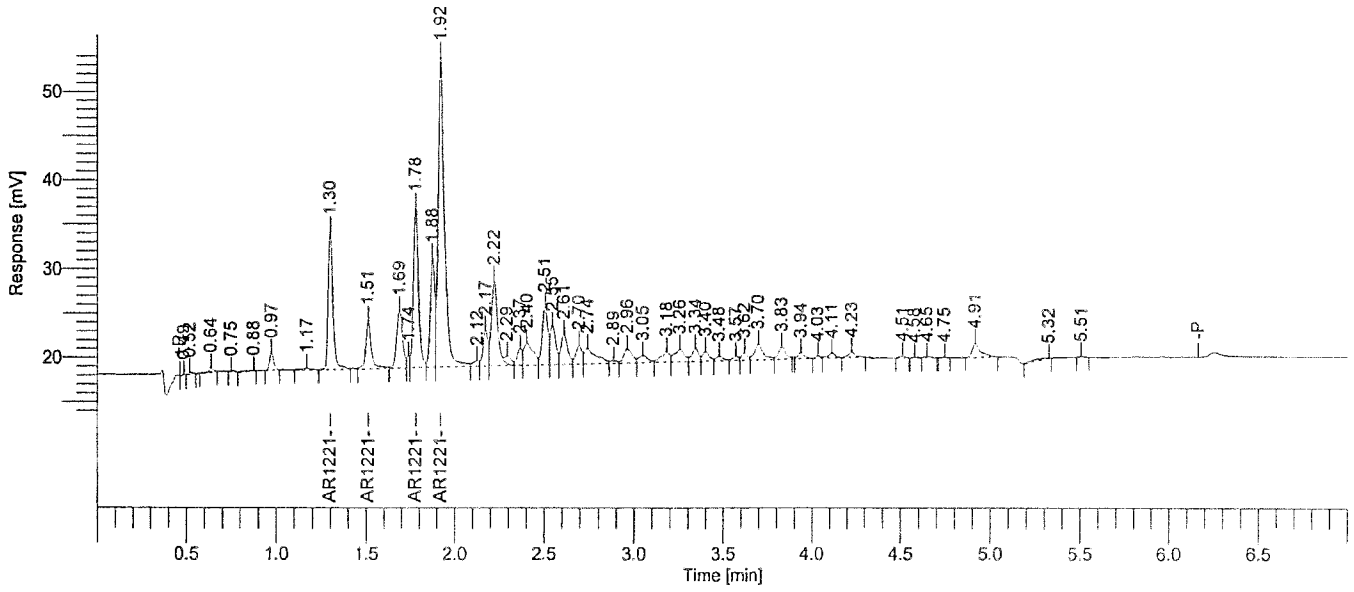
Chromatogram

Sample Name : ACM66GB Sample #: 6NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19B71068.raw
Date : 09/26/2006 09:22:25
Method : Time of Injection: 09/25/2006 20:35:30
Start Time : 0.00 min End Time : 7.00 min Low Point : -30.87 mV High Point : 996.89 mV
Scale Factor: 1.0 Plot Offset: -30.87 mV Plot Scale: 1027.8 mV



Software Version	: 6.2.1.0.104:0104	Date	: 09/26/2006 08:53:21
Reprocess Number	: buf2042: 122428		
Operator	: tchrom	Sample Name	: ICM21TA
Sample Number	: .5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/25/2006 15:07:12	Cycle	: 1

Raw Data File : H:\TURBO6\5890-19\19B71051.raw <Modified>
Result File : H:\TURBO6\5890-19\19B71051.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B71051.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B71051.rst
Calib Method : h:\turbo6\5890-19\sb21(09-25-06).mth from H:\TURBO6\5890-19\19B71051.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D71.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
	1.92		163026	AR1221	0.5000	0.1250	4
			163026			0.1250	

Processed by: GM 9/25/06

Review by: [illegible] 9/26/06

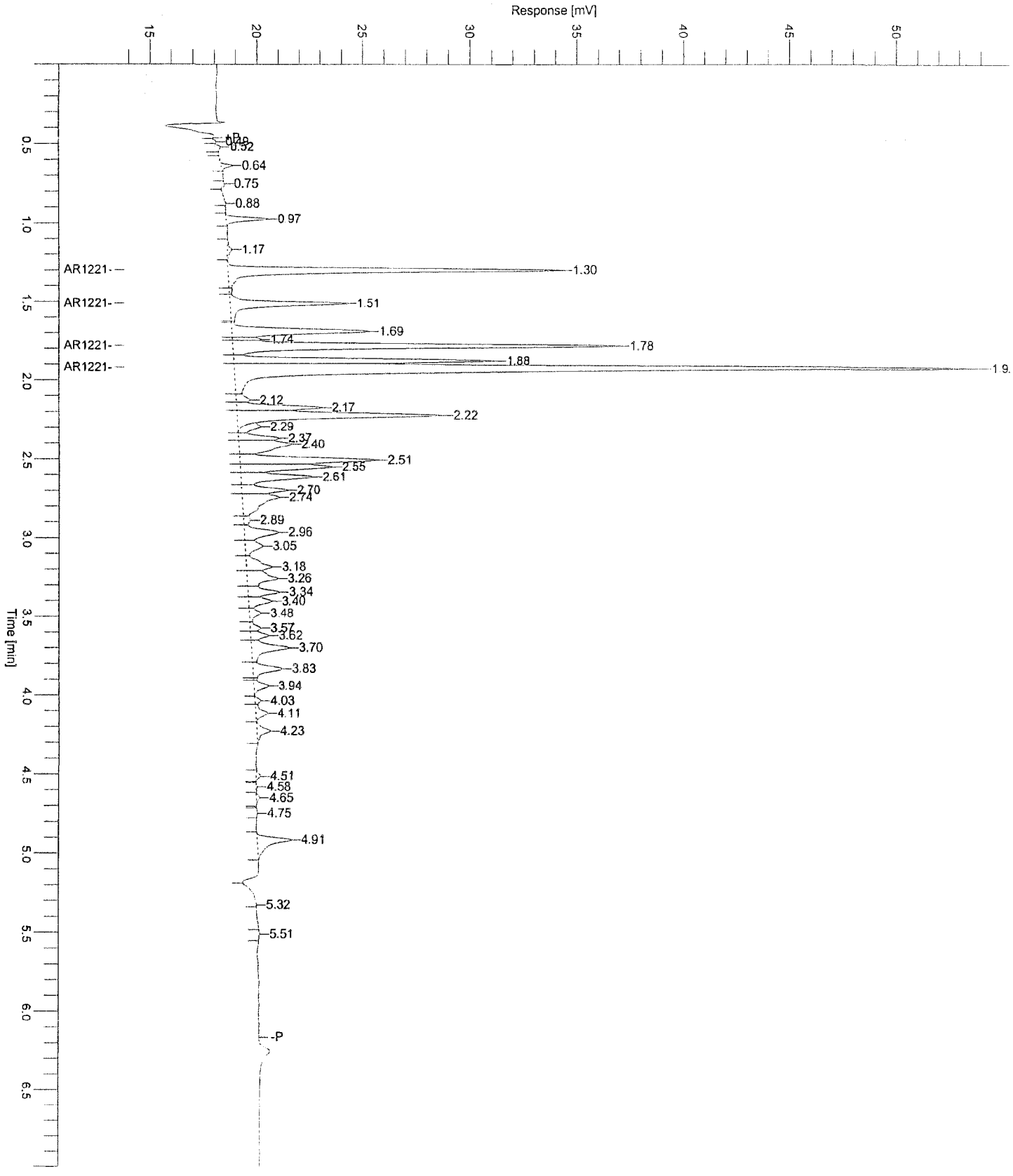
09/26/2006 08:53:21 Result: H:\TURBO6\5890-19\19B71051.rst

Group Report For : AR1221

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
8	1.30	BV	29722	AR1221-A	0.5000	0.1250	4
9	1.51	VV	12034	AR1221-B	0.5000	0.1250	4
12	1.78	VV	35938	AR1221-C	0.5000	0.1250	4
14	1.92	VV	85332	AR1221-D	0.5000	0.1250	4
			163026			0.5000	

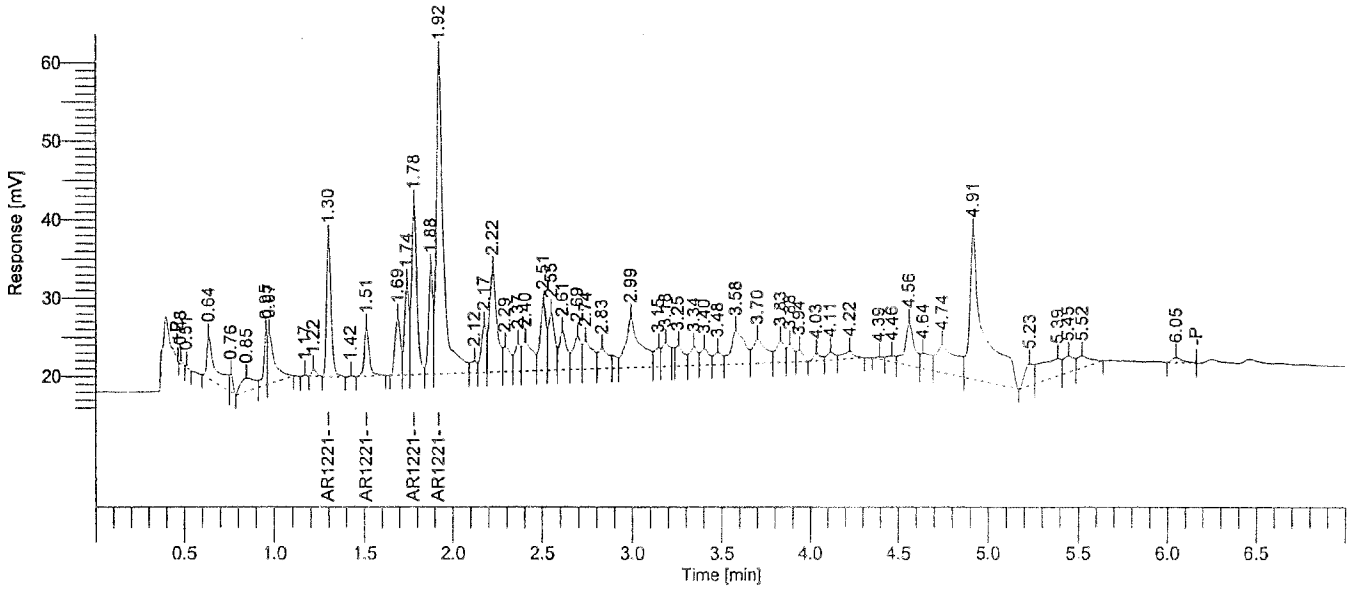
Chromatogram

Sample Name : ICM21TA Sample #: .5NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19B71051.raw
Date : 09/26/2006 08:53:22
Method : SDPCBINS Time of Injection: 09/25/2006 15:07:12
Start Time : 0.00 min End Time : 7.00 min Low Point : 13.79 mV High Point : 54 06 mV
Scale Factor: 1.0 Plot Offset: 13.79 mV Plot Scale: 40.3 mV



Software Version	: 6.2.1.0.104:0104	Date	: 09/26/2006 08:53:29
Reprocess Number	: buf2042: 122430		
Operator	: tchrom	Sample Name	: ACM21RA
Sample Number	: .6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/25/2006 15:26:36	Cycle	: 2

Raw Data File : H:\TURBO6\5890-19\19B71052.raw <Modified>
Result File : H:\TURBO6\5890-19\19B71052.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B71052.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B71052.rst
Calib Method : h:\turbo6\5890-19\sb21(09-25-06).mth from H:\TURBO6\5890-19\19B71052.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-19\19D71.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.92		201169	AR1221	0.6170	3.2605e+05	4.0234e+05	2.8
		201169		0.6170		4.0234e+05	

SEP 26 2006

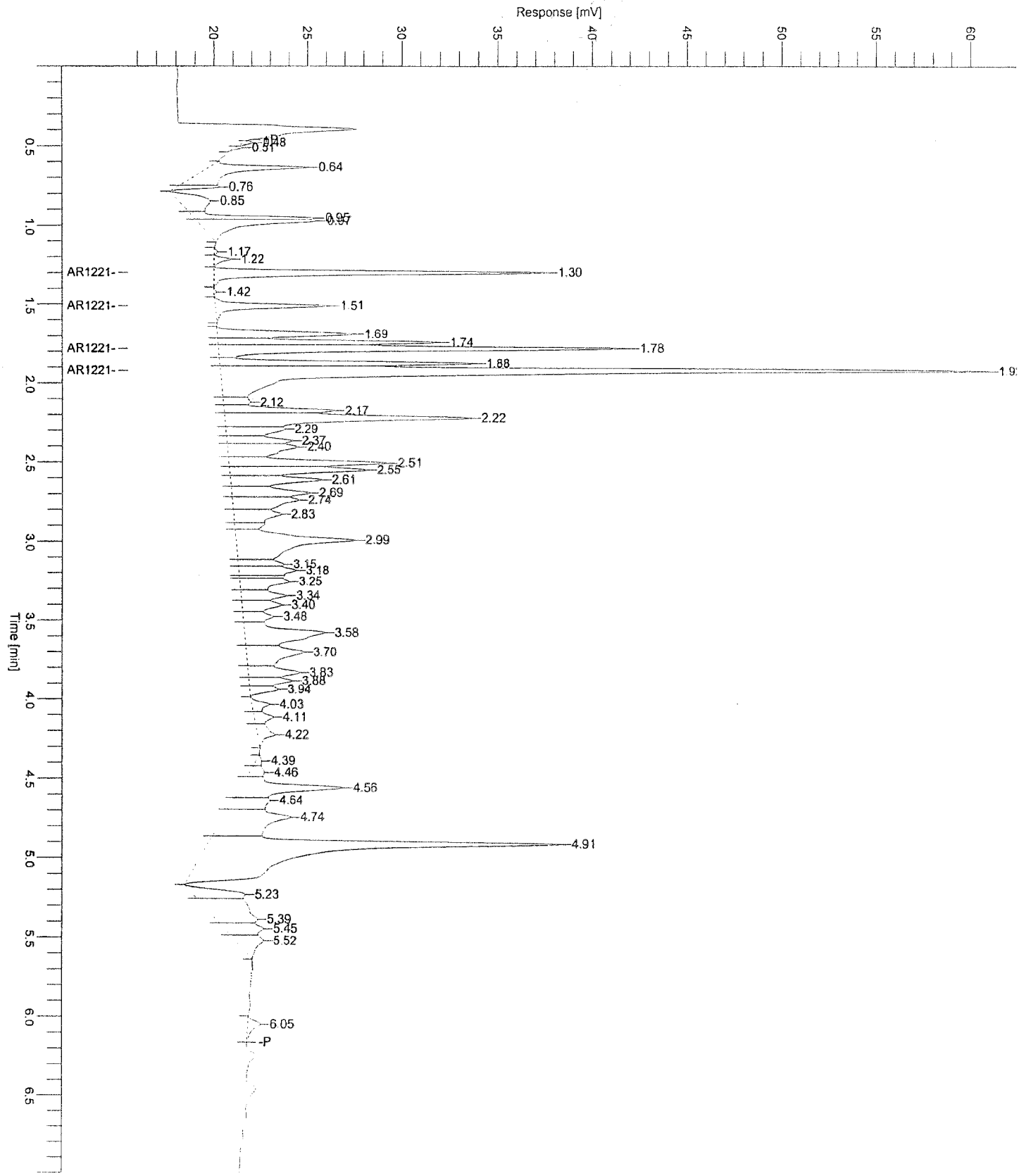
09/26/2006 08:53:29 Result: H:\TURBO6\5890-19\19B71052.rst

Group Report For : AR1221

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.30	VB	31882	AR1221-A	0.5363	59444.1075	63763.8595	-10.6
1.51	BB	12233	AR1221-B	0.5083	24068.1876	24466.8187	-15.3
1.78	VV	45390	AR1221-C	0.6315	71876.7612	90780.1563	5.2
1.92	VV	111664	AR1221-D	0.6543	1.7066e+05	2.2333e+05	9.0
		201169		2.3304		4.0234e+05	

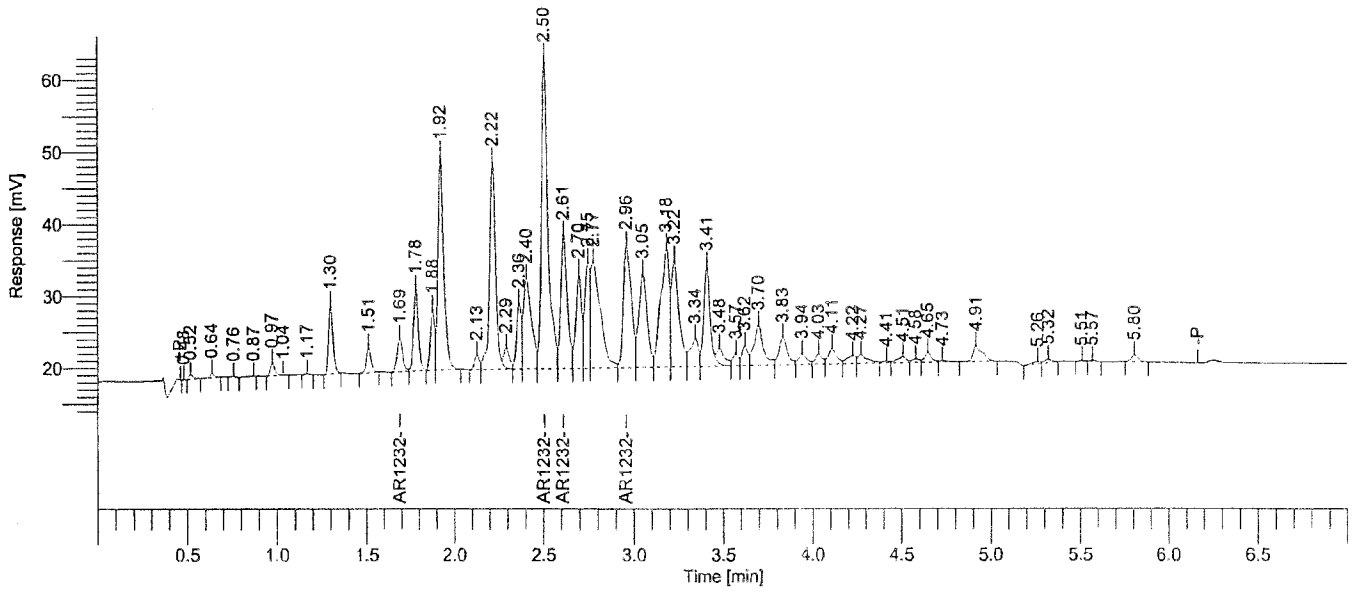
Chromatogram

Sample Name : ACM21RA Sample #: 6NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19B71052.raw
Date : 09/26/2006 08:53:31
Method : SDPCBINS Time of Injection: 09/25/2006 15:26:36
Start Time : 0.00 min End Time : 7.00 min Low Point : 15.49 mV High Point : 60.98 mV
Scale Factor: 1.0 Plot Offset: 15.49 mV Plot Scale: 45.5 mV



Software Version	: 6.2.1.0.104:0104	Date	: 09/26/2006 08:53:39
Reprocess Number	: buf2042: 122432		
Operator	: tchrom	Sample Name	: ICM32IA
Sample Number	: .5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/25/2006 15:45:53	Cycle	: 3

Raw Data File : H:\TURBO6\5890-19\19B71053.raw <Modified>
Result File : H:\TURBO6\5890-19\19B71053.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B71053.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B71053.rst
Calib Method : h:\turbo6\5890-19\sb32(09-25-06).mth from H:\TURBO6\5890-19\19B71053.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D71.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
	2.50		223627	AR1232	0.5000	0.1250	4
			223627			0.1250	

Processed by: [signature] 9/26/06

Reviewed by: [signature] SEP 2 9 2006

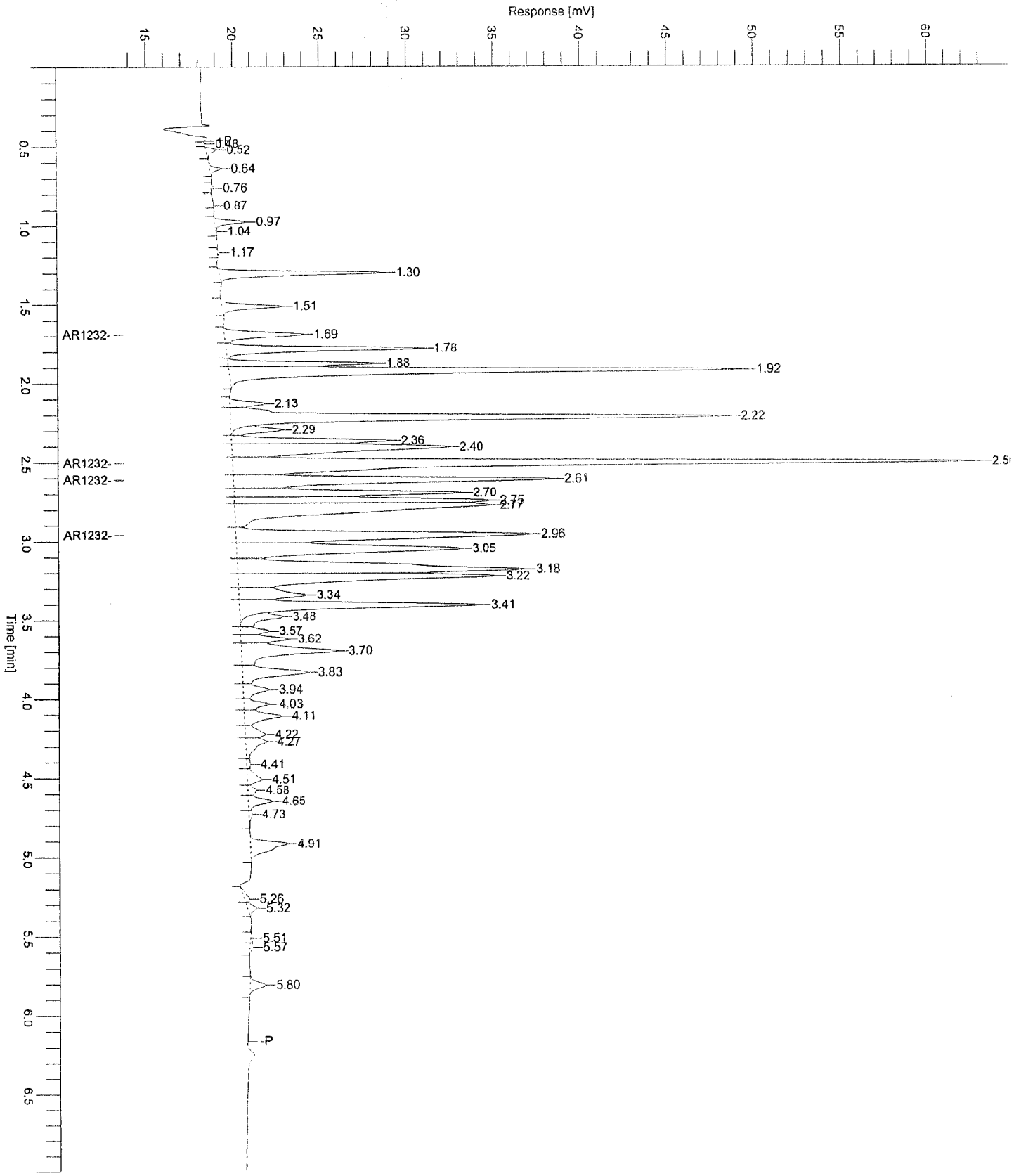
09/26/2006 08:53:39 Result: H:\TURBO6\5890-19\19B71053.rst

Group Report For : AR1232

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
11	1.69	BV	10460	AR1232-A	0.5000	0.1250	4
20	2.50	VV	113562	AR1232-B	0.5000	0.1250	4
21	2.61	VV	48138	AR1232-C	0.5000	0.1250	4
25	2.96	VV	51466	AR1232-D	0.5000	0.1250	4
			223627			0.5000	

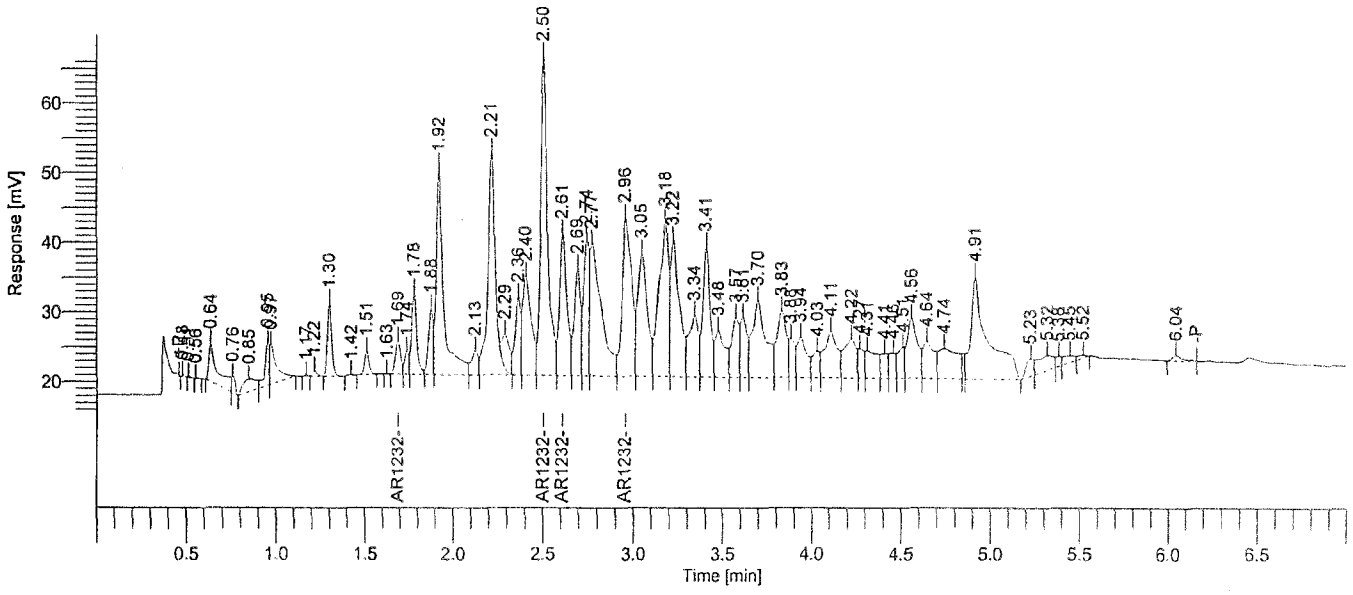
Chromatogram

Sample Name : ICM32IA Sample #: .5NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19B71053.raw
Date : 09/26/2006 08:53:40
Method : SDPCBINS Time of Injection: 09/25/2006 15:45:53
Start Time : 0.00 min End Time : 7.00 min Low Point : 13.65 mV High Point : 63.24 mV
Scale Factor: 1.0 Plot Offset: 13.65 mV Plot Scale: 49.6 mV



Software Version	: 6.2.1.0.104:0104	Date	: 09/26/2006 08:53:47
Reprocess Number	: buf2042: 122434		
Operator	: tchrom	Sample Name	: ACM32DA
Sample Number	: .6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/25/2006 16:05:07	Cycle	: 4

Raw Data File : H:\TURBO6\5890-19\19B71054.raw <Modified>
Result File : H:\TURBO6\5890-19\19B71054.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B71054.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B71054.rst
Calib Method : h:\turbo6\5890-19\sb32(09-25-06).mth from H:\TURBO6\5890-19\19B71054.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-19\19D71.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.50		277309	AR1232	0.6200	4.4725e+05	5.5462e+05	3.3
		277309		0.6200		5.5462e+05	

SEP 26 2006

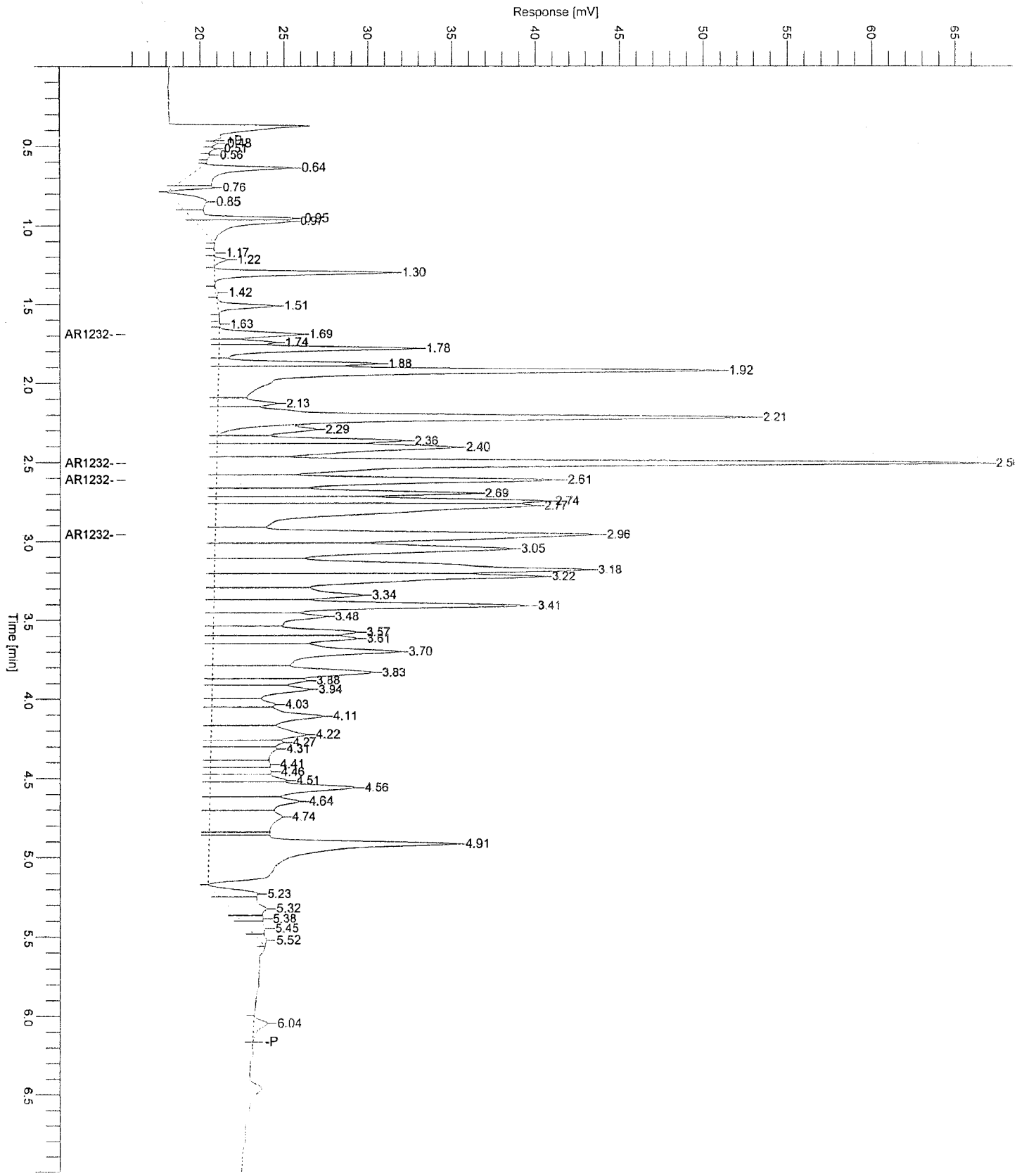
09/26/2006 08:53:47 Result: H:\TURBO6\5890-19\19B71054.rst

Group Report For : AR1232

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.69	VV	10505	AR1232-A	0.5021	20920.2191	21010.0293	-16.3
2.50	VV	126011	AR1232-B	0.5548	2.2712e+05	2.5202e+05	-7.5
2.61	VV	59268	AR1232-C	0.6156	96276.8154	1.1854e+05	2.6
2.96	VV	81525	AR1232-D	0.7920	1.0293e+05	1.6305e+05	32.0
		277309		2.4646		5.5462e+05	

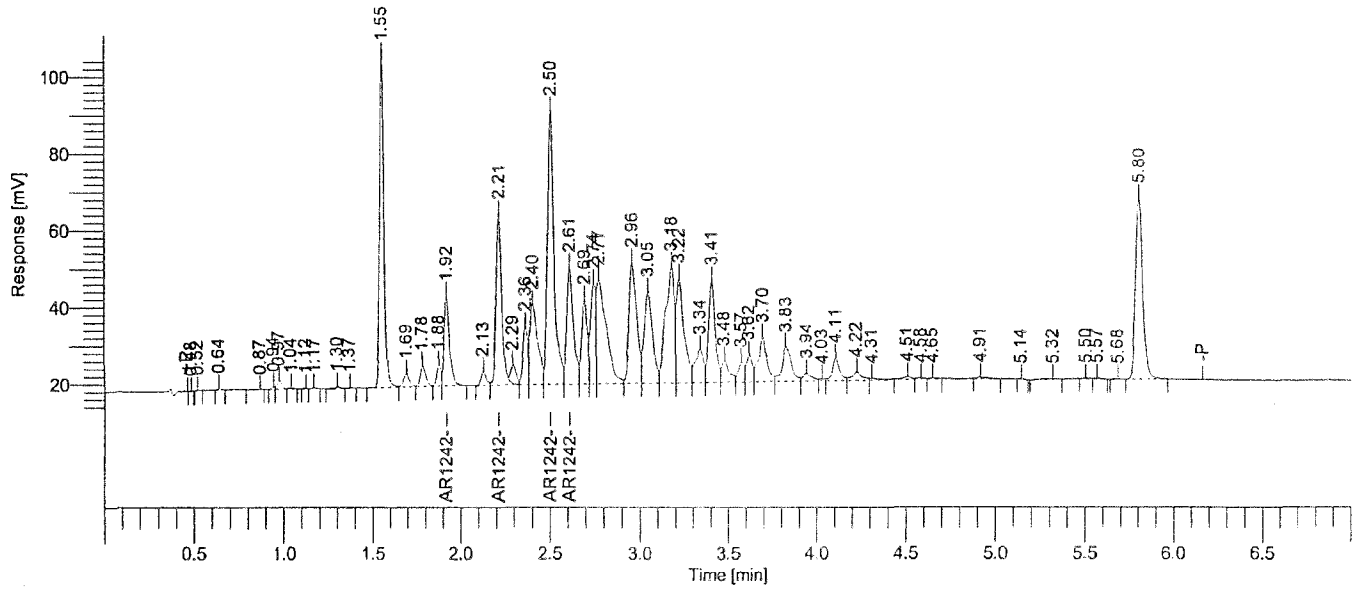
Chromatogram

Sample Name : ACM32DA Sample #: 6NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19B71054.raw
Date : 09/26/2006 08:53:49
Method : SDPCBINS Time of Injection: 09/25/2006 16:05:07
Start Time : 0.00 min End Time : 7.00 min Low Point : 15.57 mV High Point : 66.89 mV
Scale Factor: 1.0 Plot Offset: 15.57 mV Plot Scale: 51.3 mV



Software Version	: 6.2.1.0.104:0104	Date	: 09/26/2006 08:53:57
Reprocess Number	: buf2042: 122436		
Operator	: tchrom	Sample Name	: ICM42UA
Sample Number	: .5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/25/2006 16:24:27	Cycle	: 5

Raw Data File : H:\TURBO6\5890-19\19B71055.raw <Modified>
Result File : H:\TURBO6\5890-19\19B71055.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B71055.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B71055.rst
Calib Method : h:\turbo6\5890-19\sb42(09-25-06).mth from H:\TURBO6\5890-19\19B71055.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D71.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
	2.50		412266	AR1242	0.5000	0.1250	4
			412266			0.1250	

GM 9/26/06

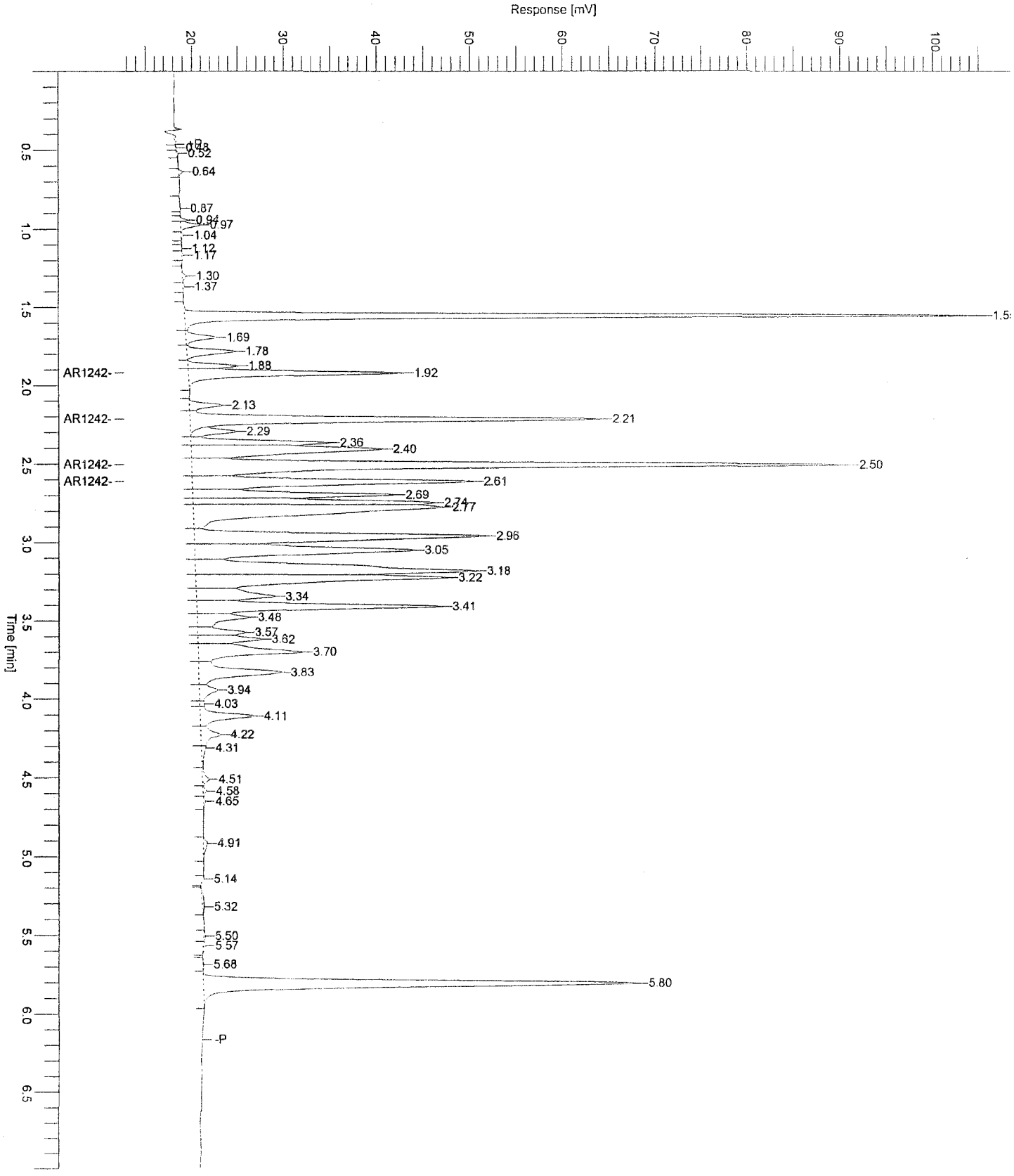
09/26/2006 08:53:57 Result: H:\TURBO6\5890-19\19B71055.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
16	1.92	VB	49745	AR1242-A	0.5000	0.1250	4
18	2.21	VE	100790	AR1242-B	0.5000	0.1250	4
22	2.50	VV	181329	AR1242-C	0.5000	0.1250	4
23	2.61	VV	80402	AR1242-D	0.5000	0.1250	4
			412266			0.5000	

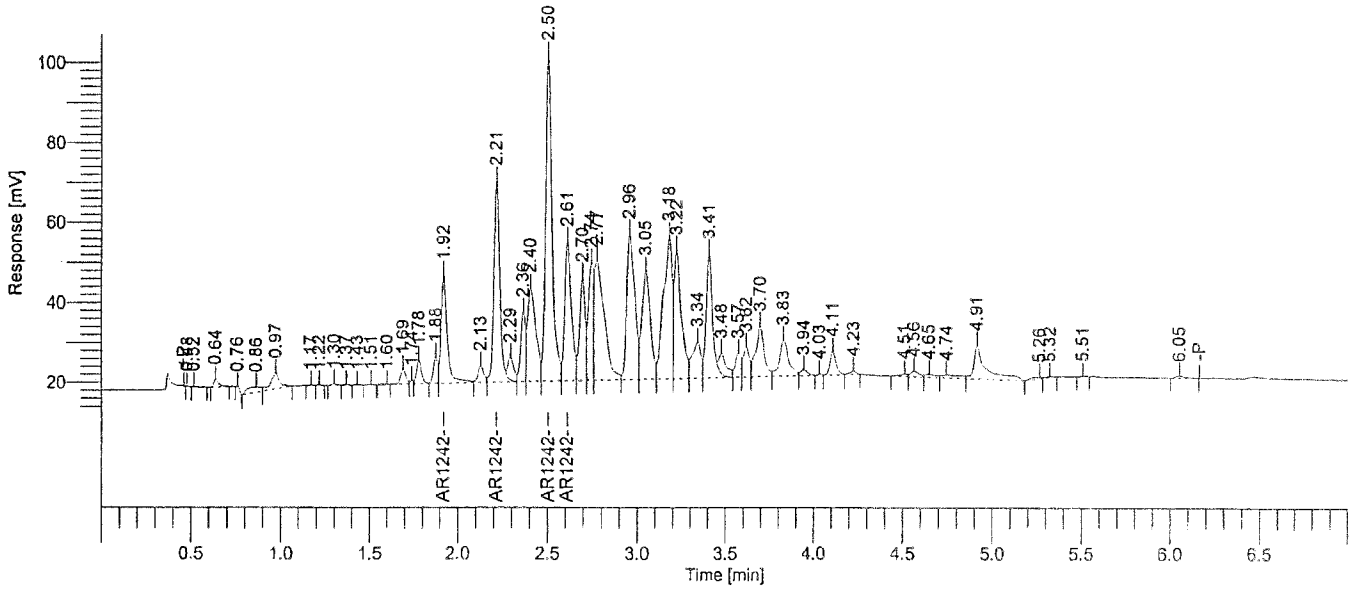
Chromatogram

Sample Name : ICM42UA Sample #: .5NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19B71055.raw
Date : 09/26/2006 08:53:58
Method : SDPCBINS Time of Injection: 09/25/2006 16:24:27
Start Time : 0.00 min End Time : 7.00 min Low Point : 12.68 mV High Point : 105.49 mV
Scale Factor: 1.0 Plot Offset: 12.68 mV Plot Scale: 92.8 mV



Software Version	: 6.2.1.0.104:0104	Date	: 09/26/2006 08:54:05
Reprocess Number	: buf2042: 122438		
Operator	: tchrom	Sample Name	: ACM42QA
Sample Number	: .6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/25/2006 16:43:53	Cycle	: 6

Raw Data File : H:\TURBO6\5890-19\19B71056.raw <Modified>
Result File : H:\TURBO6\5890-19\19B71056.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B71056.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B71056.rst
Calib Method : h:\turbo6\5890-19\sb42(09-25-06).mth from H:\TURBO6\5890-19\19B71056.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-19\19D71.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.50		478062	AR1242	0.5798	8.2453e+05	9.5612e+05	-3.4
		478062		0.5798		9.5612e+05	

SEP 26 2006

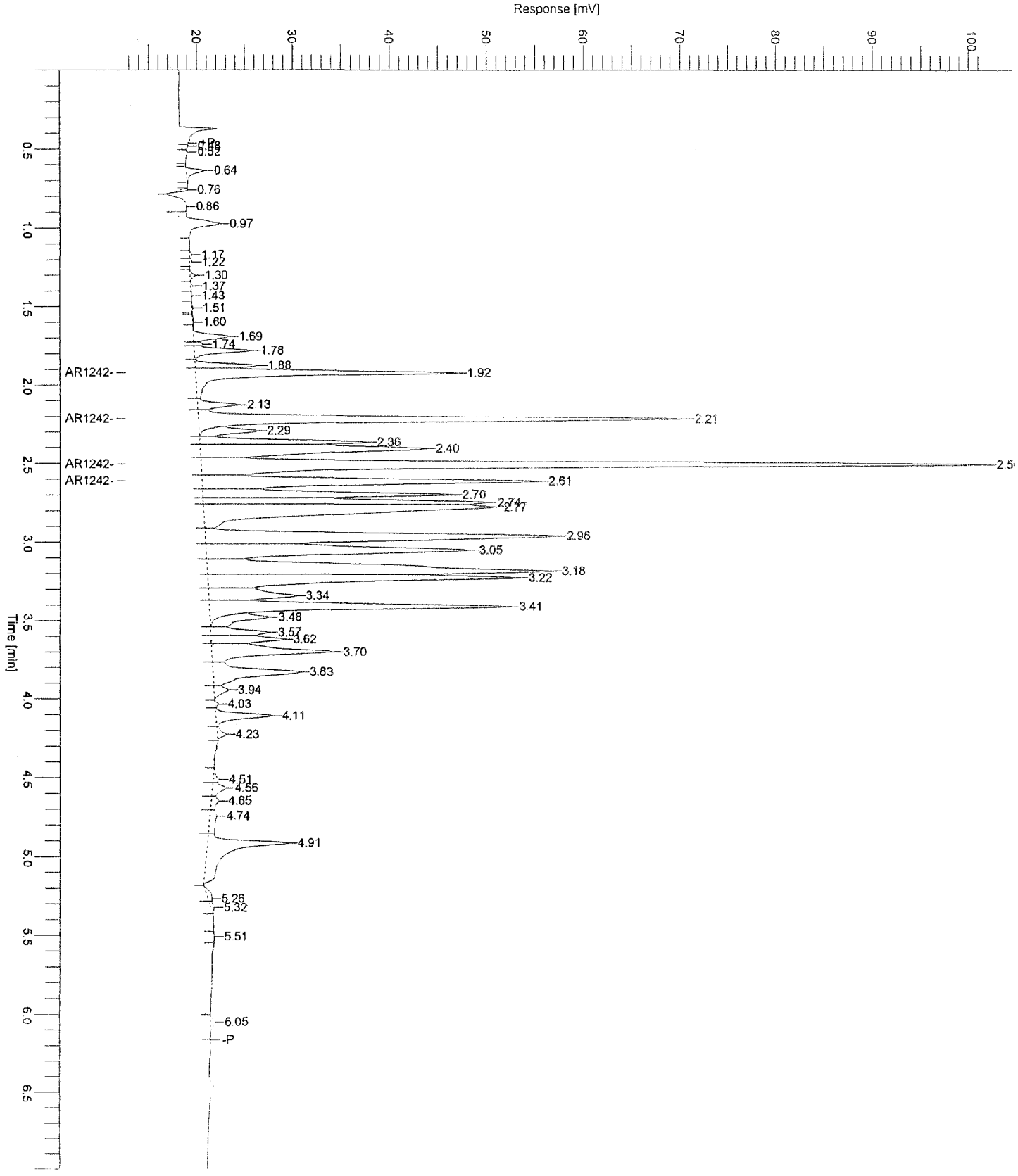
09/26/2006 08:54:05 Result: H:\TURBO6\5890-19\19B71056.rst

Group Report For : AR1242

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.92	VV	63589	AR1242-A	0.6391	99489.8687	1.2718e+05	6.5
2.21	VE	117807	AR1242-B	0.5844	2.0158e+05	2.3561e+05	-2.6
2.50	VV	204415	AR1242-C	0.5637	3.6266e+05	4.0883e+05	-6.1
2.61	VV	92251	AR1242-D	0.5737	1.6080e+05	1.8450e+05	-4.4
		478062		2.3609		9.5612e+05	

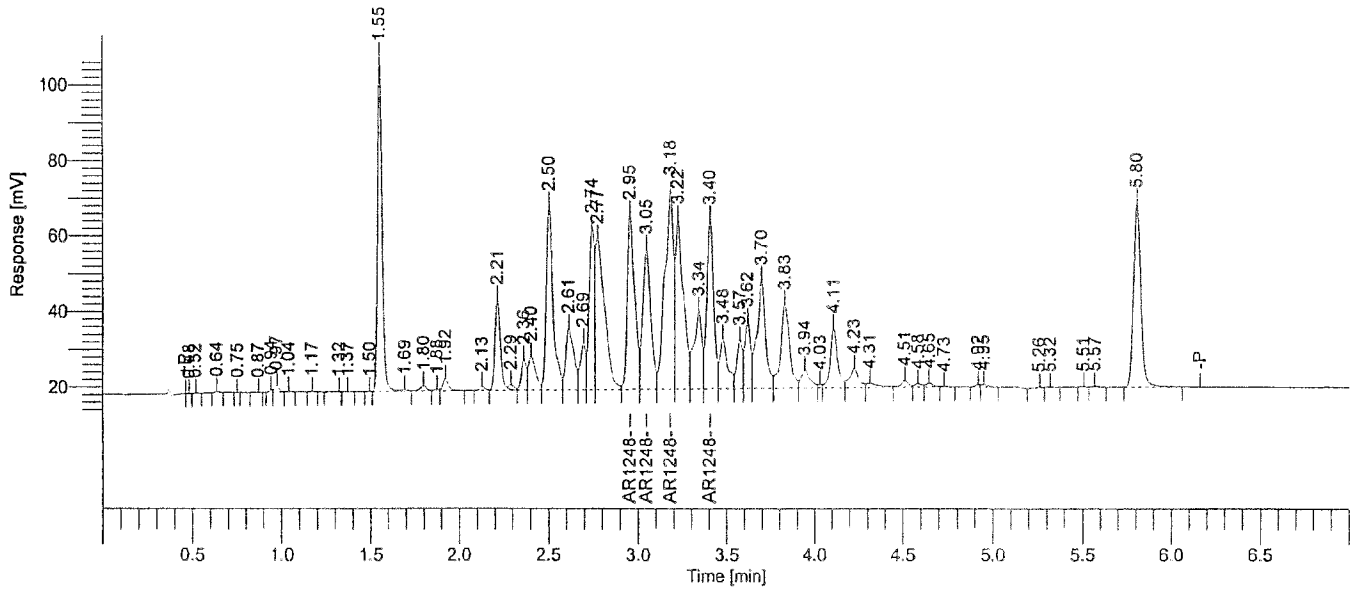
Chromatogram

Sample Name : ACM42QA Sample #: 6NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19B71056.raw
Date : 09/26/2006 08:54:06
Method : SDPCBINS Time of Injection: 09/25/2006 16:43:53
Start Time : 0.00 min End Time : 7.00 min Low Point : 12.67 mV High Point : 101.93 mV
Scale Factor: 1.0 Plot Offset: 12.67 mV Plot Scale: 89.3 mV



Software Version	: 6.2.1.0.104:0104	Date	: 09/26/2006 08:54:12
Reprocess Number	: buf2042: 122440		
Operator	: tchrom	Sample Name	: ICM48TA
Sample Number	: .5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/25/2006 17:03:05	Cycle	: 7

Raw Data File : H:\TURBO6\5890-19\19B71057.raw <Modified>
Result File : H:\TURBO6\5890-19\19B71057.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B71057.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B71057.rst
Calib Method : h:\turbo6\5890-19\sb48(09-25-06).mth from H:\TURBO6\5890-19\19B71057.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D71.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
	3.18		545504	AR1248	0.5000	0.1250	4
			545504			0.1250	

GD 9/26/06

SEP 26 2006

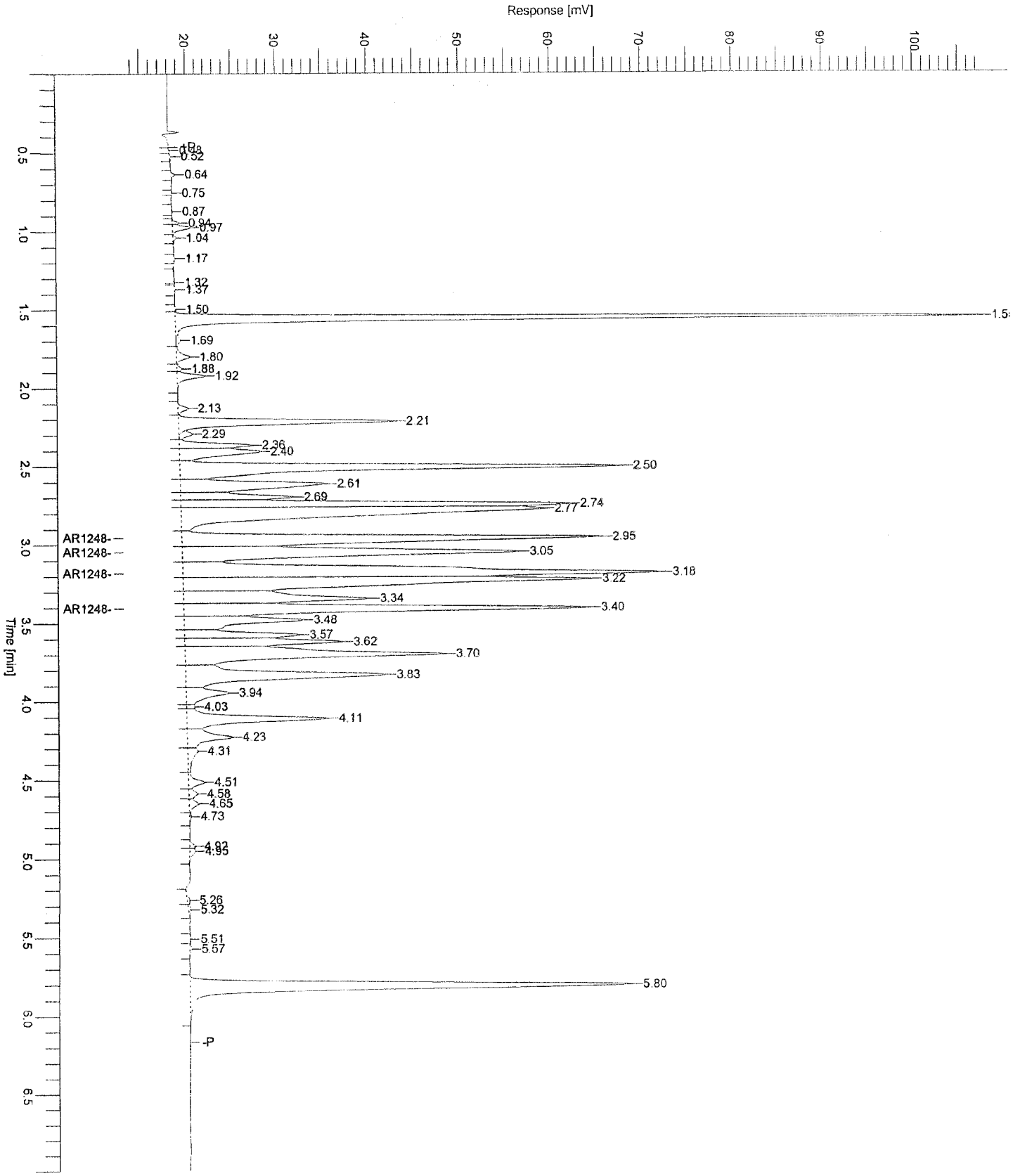
09/26/2006 08:54:12 Result: H:\TURBO6\5890-19\19B71057.rst

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
28	2.95	VV	133929	AR1248-A	0.5000	0.1250	4
29	3.05	VV	118387	AR1248-B	0.5000	0.1250	4
30	3.18	VV	175088	AR1248-C	0.5000	0.1250	4
33	3.40	VV	118099	AR1248-D	0.5000	0.1250	4
			545504			0.5000	

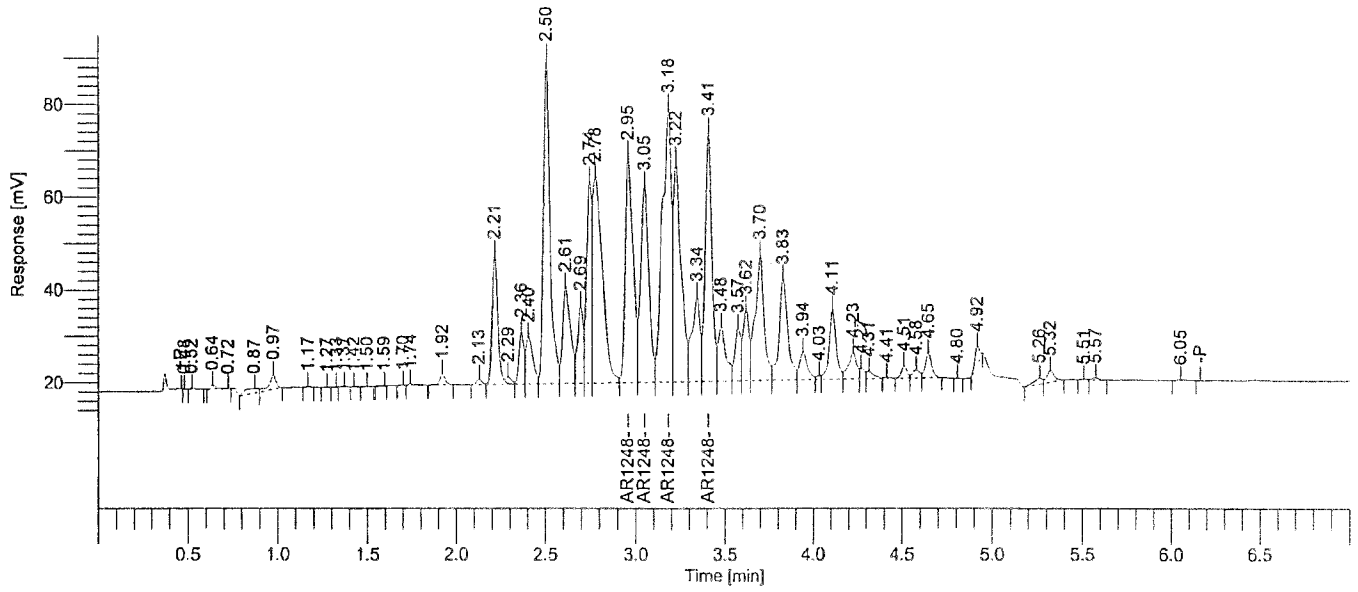
Chromatogram

Sample Name : ICM48TA Sample #: 5NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19B71057.raw
Date : 09/26/2006 08:54:14
Method : SDPCBINS Time of Injection: 09/25/2006 17:03:05
Start Time : 0.00 min End Time : 7.00 min Low Point : 13.03 mV High Point : 107.61 mV
Scale Factor: 1.0 Plot Offset: 13.03 mV Plot Scale: 94.6 mV



Software Version	: 6.2.1.0.104:0104	Date	: 09/26/2006 08:54:20
Reprocess Number	: buf2042: 122442		
Operator	: tchrom	Sample Name	: ACM48OA
Sample Number	: .6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/25/2006 17:22:28	Cycle	: 8

Raw Data File : H:\TURBO6\5890-19\19B71058.raw <Modified>
Result File : H:\TURBO6\5890-19\19B71058.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B71058.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B71058.rst
Calib Method : h:\turbo6\5890-19\sb48(09-25-06).mth from H:\TURBO6\5890-19\19B71058.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-19\19D71.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.18		628854	AR1248	0.5764	1.0910e+06	1.2577e+06	-3.9
		628854		0.5764		1.2577e+06	

SEP 26 2006

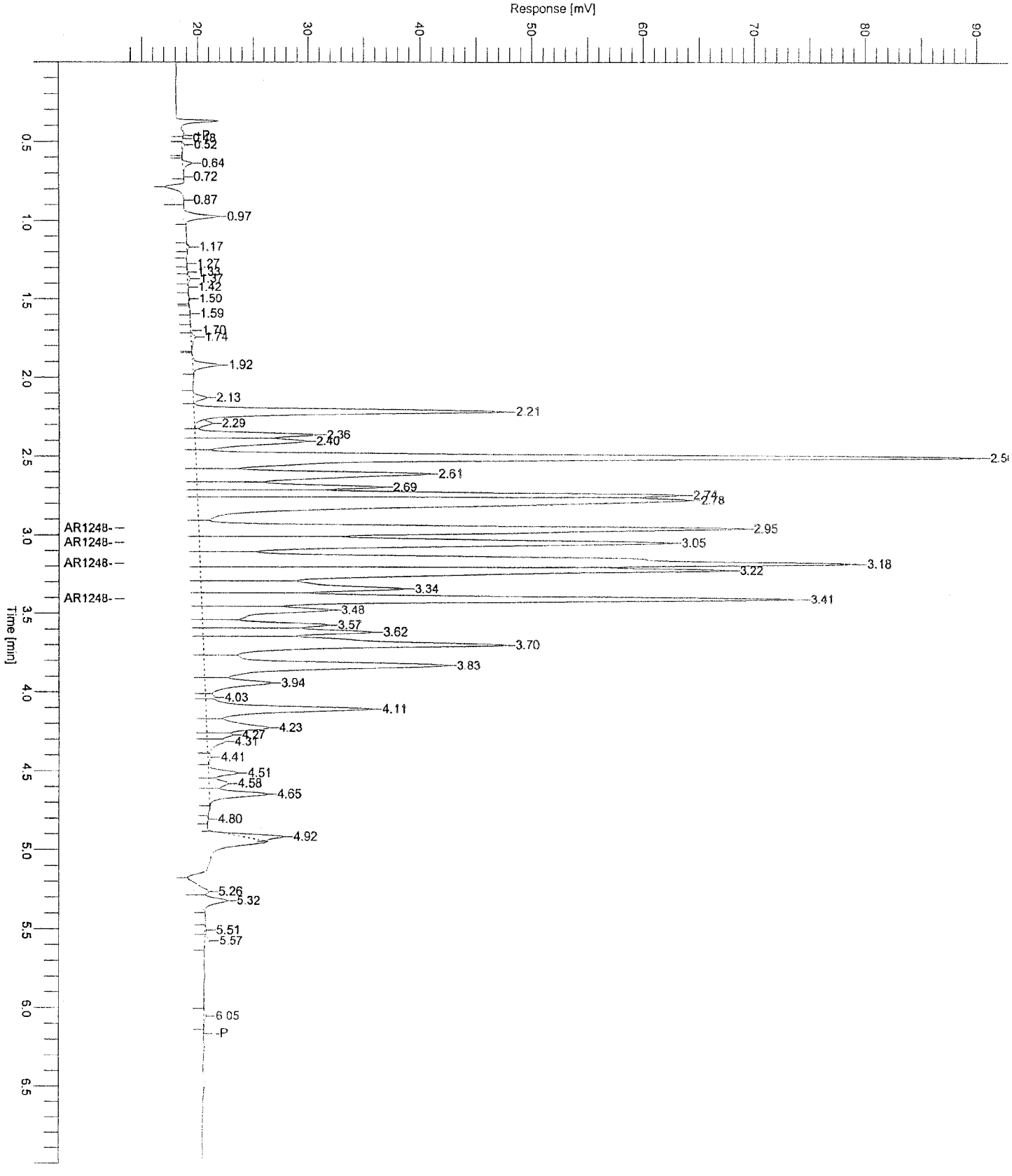
09/26/2006 08:54:20 Result: H:\TURBO6\5890-19\19B71058.rst

Group Report For : AR1248

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.95	VV	147037	AR1248-A	0.5489	2.6786e+05	2.9407e+05	-8.5
3.05	VV	136370	AR1248-B	0.5759	2.3677e+05	2.7274e+05	-4.0
3.18	VV	205940	AR1248-C	0.5881	3.5018e+05	4.1188e+05	-2.0
3.41	VV	139507	AR1248-D	0.5906	2.3620e+05	2.7901e+05	-1.6
		628854		2.3036		1.2577e+06	

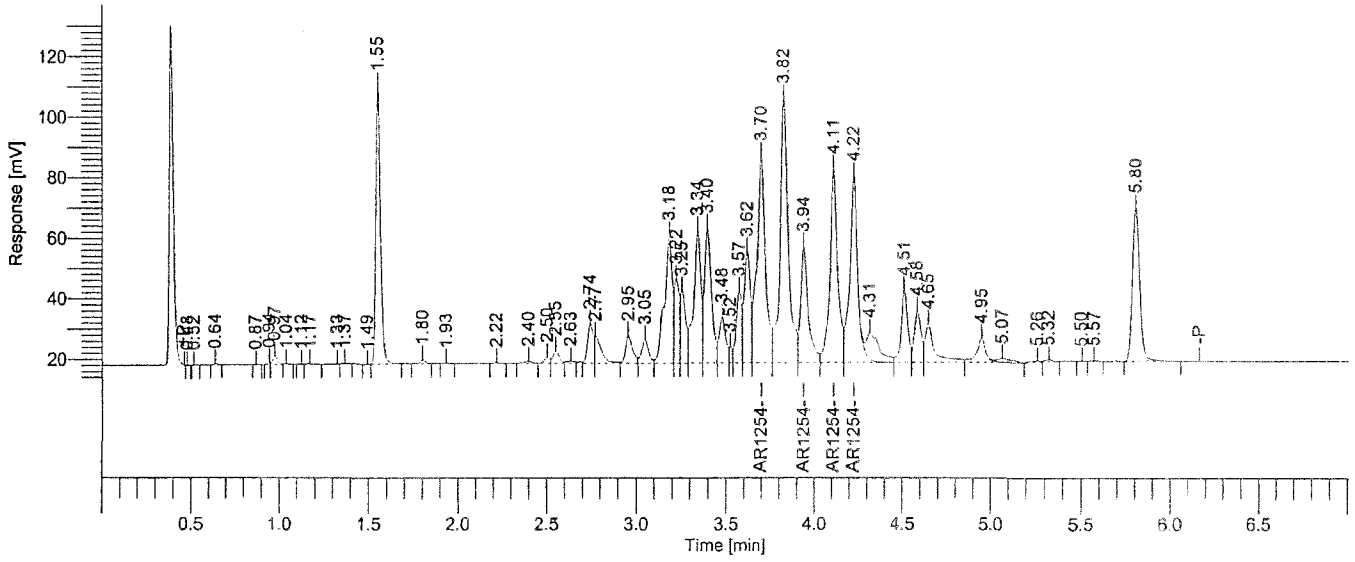
Chromatogram

Sample Name : ACM48OA Sample #: 6NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19B71058.raw
Date : 09/26/2006 08:54:21
Method : SDPCBINS Time of Injection: 09/25/2006 17:22:28
Start Time : 0.00 min End Time : 7.00 min Low Point : 13.41 mV High Point : 90.39 mV
Scale Factor: 1.0 Plot Offset: 13.41 mV Plot Scale: 77.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 09/26/2006 08:54:27
Reprocess Number	: buf2042: 122444		
Operator	: tchrom	Sample Name	: ICM54WE
Sample Number	: .5NG	Study	: ICAL
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/25/2006 17:41:48	Cycle	: 9

Raw Data File : H:\TURBO6\5890-19\19B71059.raw <Modified>
Result File : H:\TURBO6\5890-19\19B71059.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B71059.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B71059.rst
Calib Method : h:\turbo6\5890-19\sb54(09-25-06).mth from H:\TURBO6\5890-19\19B71059.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D71.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
	3.70		746687	AR1254	0.5000	0.1250	4
			746687			0.1250	

GAD 9/26/06
DSP 9/26/2006

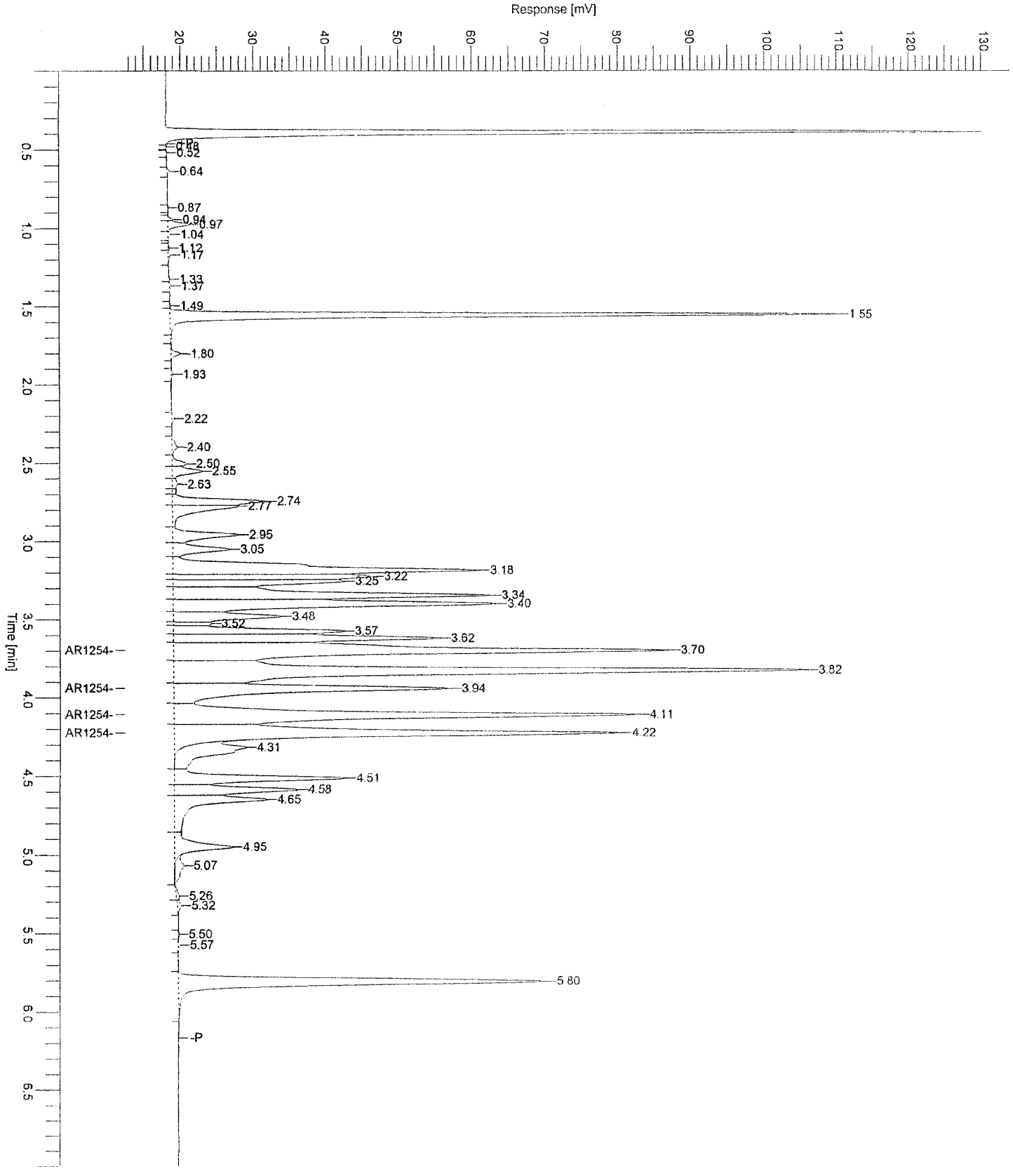
09/26/2006 08:54:27 Result: H:\TURBO6\5890-19\19B71059.rst

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
34	3.70	VV	231775	AR1254-A	0.5000	0.1250	4
36	3.94	VV	117573	AR1254-B	0.5000	0.1250	4
37	4.11	VV	201210	AR1254-C	0.5000	0.1250	4
38	4.22	VE	196129	AR1254-D	0.5000	0.1250	4
			746687			0.5000	

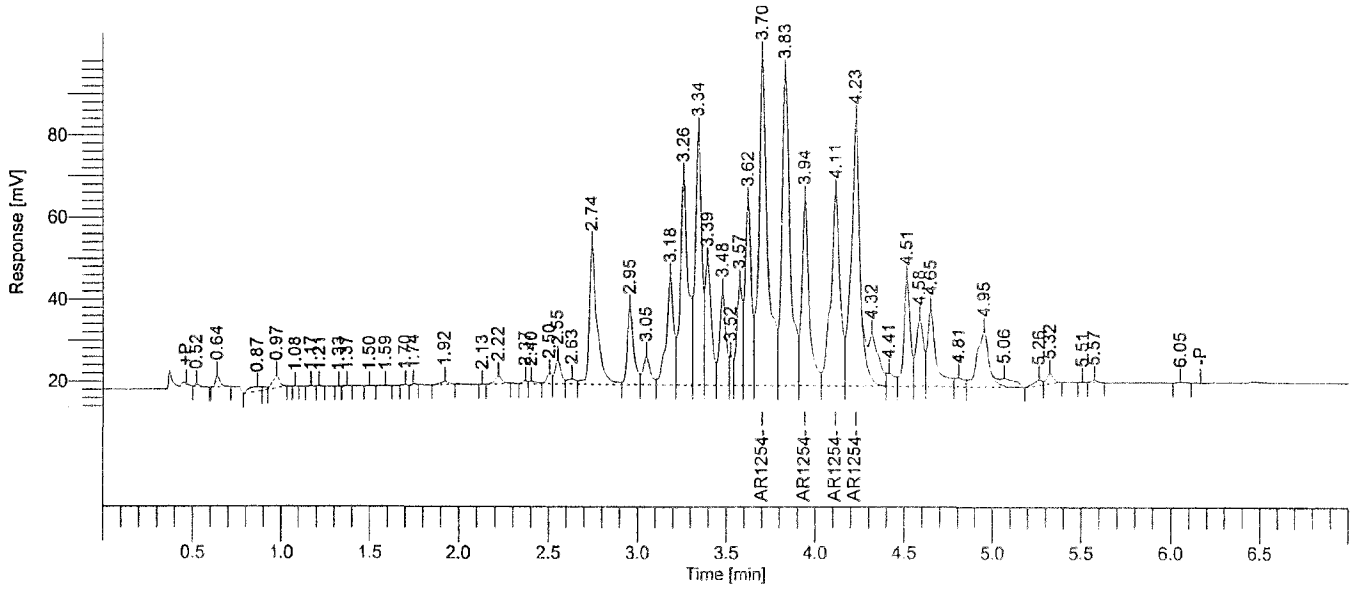
Chromatogram

Sample Name : ICM54WE Sample #: 5NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19B71059.raw
Date : 09/26/2006 08:54:28
Method : SDPCBINS Time of Injection: 09/25/2006 17:41:48
Start Time : 0.00 min End Time : 7.00 min Low Point : 12.43 mV High Point : 130.22 mV
Scale Factor: 1.0 Plot Offset: 12.43 mV Plot Scale: 117.8 mV



Software Version	: 6.2.1.0.104:0104	Date	: 09/26/2006 08:54:34
Reprocess Number	: buf2042: 122446		
Operator	: tchrom	Sample Name	: ACM54TA
Sample Number	: .6NG	Study	: ACM
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/25/2006 18:01:09	Cycle	: 10

Raw Data File : H:\TURBO6\5890-19\19B71060.raw <Modified>
Result File : H:\TURBO6\5890-19\19B71060.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B71060.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B71060.rst
Calib Method : h:\turbo6\5890-19\sb54(09-25-06).mth from H:\TURBO6\5890-19\19B71060.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-19\19D71.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.70		810613	AR1254	0.5428	1.4934e+06	1.6212e+06	-9.5
		810613		0.5428		1.6212e+06	

SEP 26 2006

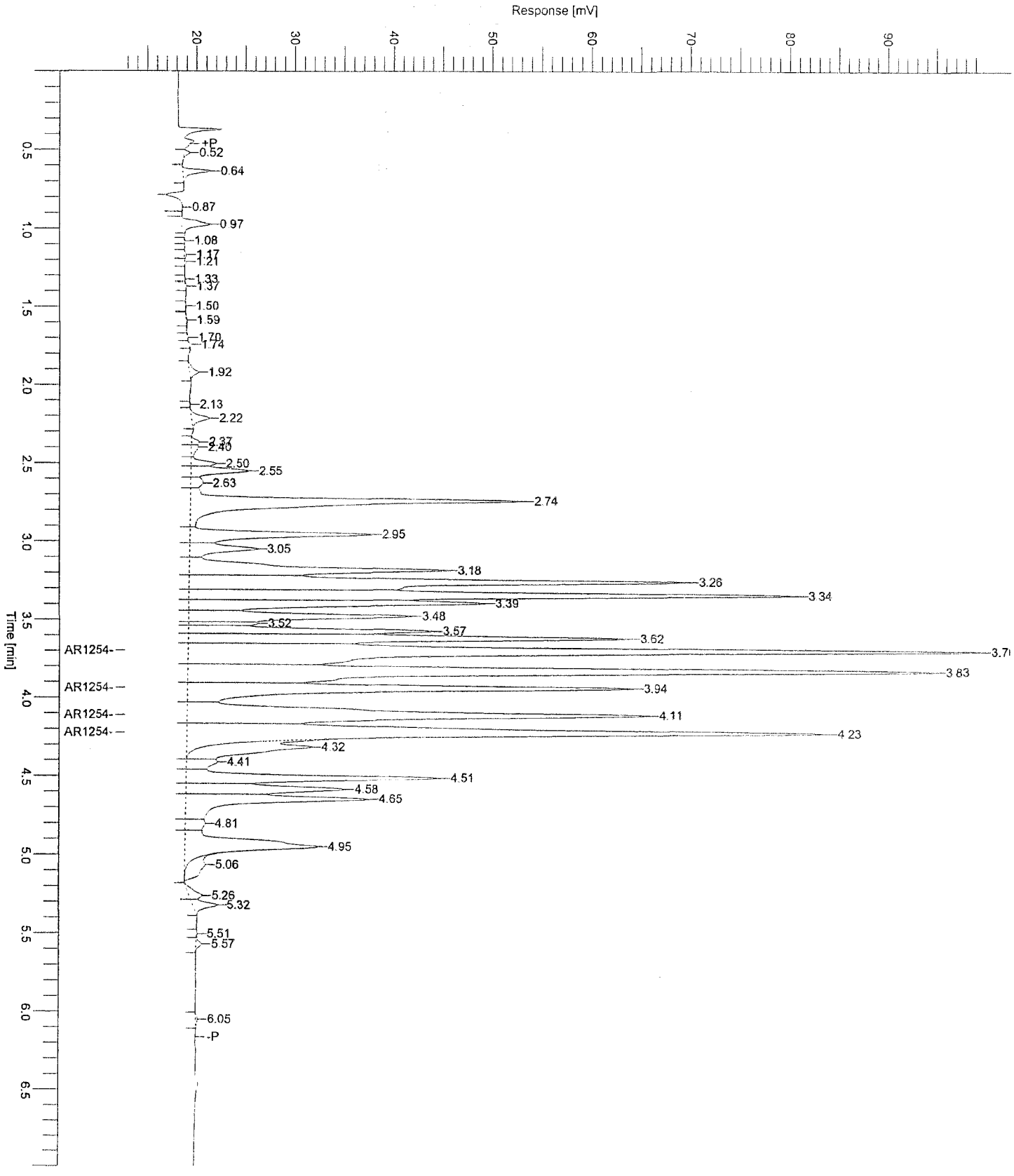
09/26/2006 08:54:34 Result: H:\TURBO6\5890-19\19B71060.rst

Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.70	VV	277734	AR1254-A	0.5991	4.6355e+05	5.5547e+05	-0.1
3.94	VV	133537	AR1254-B	0.5679	2.3515e+05	2.6707e+05	-5.4
4.11	VV	172035	AR1254-C	0.4275	4.0242e+05	3.4407e+05	-28.7
4.23	VE	227307	AR1254-D	0.5795	3.9226e+05	4.5461e+05	-3.4
		810613		2.1740		1.6212e+06	

Chromatogram

Sample Name : ACM54TA Sample #: 6NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19B71060.raw
Date : 09/26/2006 08:54:35
Method : SDPCBINS Time of Injection: 09/25/2006 18:01:09
Start Time : 0.00 min End Time : 7.00 min Low Point : 12.81 mV High Point : 99.73 mV
Scale Factor: 1.0 Plot Offset: 12.81 mV Plot Scale: 86.9 mV



7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 A ICAL Date(s) Analyzed:

Column: ZB-35 09/25/2006 to: 09/25/2006

CCV ID: ICM66OK Date/Time: 10/04/2006 20:16

FILE ID: H:\TURBO6\5890-19\19A72152.raw

		DAILY	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.79	1.71	1.87	0.0314	0.0300	4.6
AR1016	2.65	2.57	2.73	0.5117	0.500	2.3
AR1260	4.84	4.76	4.92	0.5160	0.500	3.2
DCBP	6.05	5.97	6.13	0.0311	0.0300	3.7

Ave %D = 3.5

* Value >15.0% Difference

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 A ICAL Date(s) Analyzed:

Column: ZB-35 09/25/2006 to: 09/25/2006

CCV ID: ICM54WE Date/Time: 10/05/2006 00:07

FILE ID: H:\TURBO6\5890-19\19A72164.raw

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.79	1.71	1.87	0.0301	0.0300	0.3
AR1254	3.81	3.73	3.89	0.5128	0.500	2.6
DCBP	6.05	5.97	6.13	0.0308	0.0300	2.7

Ave %D = 1.9

* Value >15.0% Difference

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 A ICAL Date(s) Analyzed:

Column: ZB-35 09/25/2006 to: 09/25/2006

CCV ID: ICM66OK Date/Time: 10/05/2006 08:51

FILE ID: H:\TURBO6\5890-19\19A72176.raw

		DAILY	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.79	1.71	1.87	0.0319	0.0300	6.4
AR1016	2.65	2.57	2.73	0.5270	0.500	5.4
AR1260	4.85	4.77	4.93	0.5117	0.500	2.3
DCBP	6.05	5.97	6.13	0.0307	0.0300	2.5

Ave %D = 4.1

* Value >15.0% Difference

7A

PCB CONTINUING CALIBRATION VERIFICATION

CONFIRMATION COLUMN

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 B ICAL Date(s) Analyzed:

Column: ZB-5 09/25/2006 to: 09/25/2006

CCV ID: ICM66OK Date/Time: 10/04/2006 20:16

FILE ID: H:\TURBO6\5890-19\19B72152.raw

		DAILY	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.55	1.47	1.63	0.0318	0.0300	5.9
AR1016	2.50	2.42	2.58	0.5192	0.500	3.8
AR1260	4.64	4.56	4.72	0.5633	0.500	12.7
DCBP	5.80	5.72	5.88	0.0332	0.0300	10.6

Ave %D = 8.3

* Value >15.0% Difference

CONFIRMATION
COLUMN

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 B ICAL Date(s) Analyzed:

Column: ZB-5 09/25/2006 to: 09/25/2006

CCV ID: ICM54WE Date/Time: 10/05/2006 00:07

FILE ID: H:\TURBO6\5890-19\19B72164.raw

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.55	1.47	1.63	0.0319	0.0300	6.4
AR1254	3.70	3.62	3.78	0.5167	0.500	3.3
DCBP	5.80	5.72	5.88	0.0325	0.0300	8.2

Ave %D = 6.0

* Value >15.0% Difference

CONFIRMATION
COLUMN

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Buffalo Contract:

Instrument: HP5890-19 B ICAL Date(s) Analyzed:

Column: ZB-5 09/25/2006 to: 09/25/2006

CCV ID: ICM66OK Date/Time: 10/05/2006 08:51

FILE ID: H:\TURBO6\5890-19\19B72176.raw

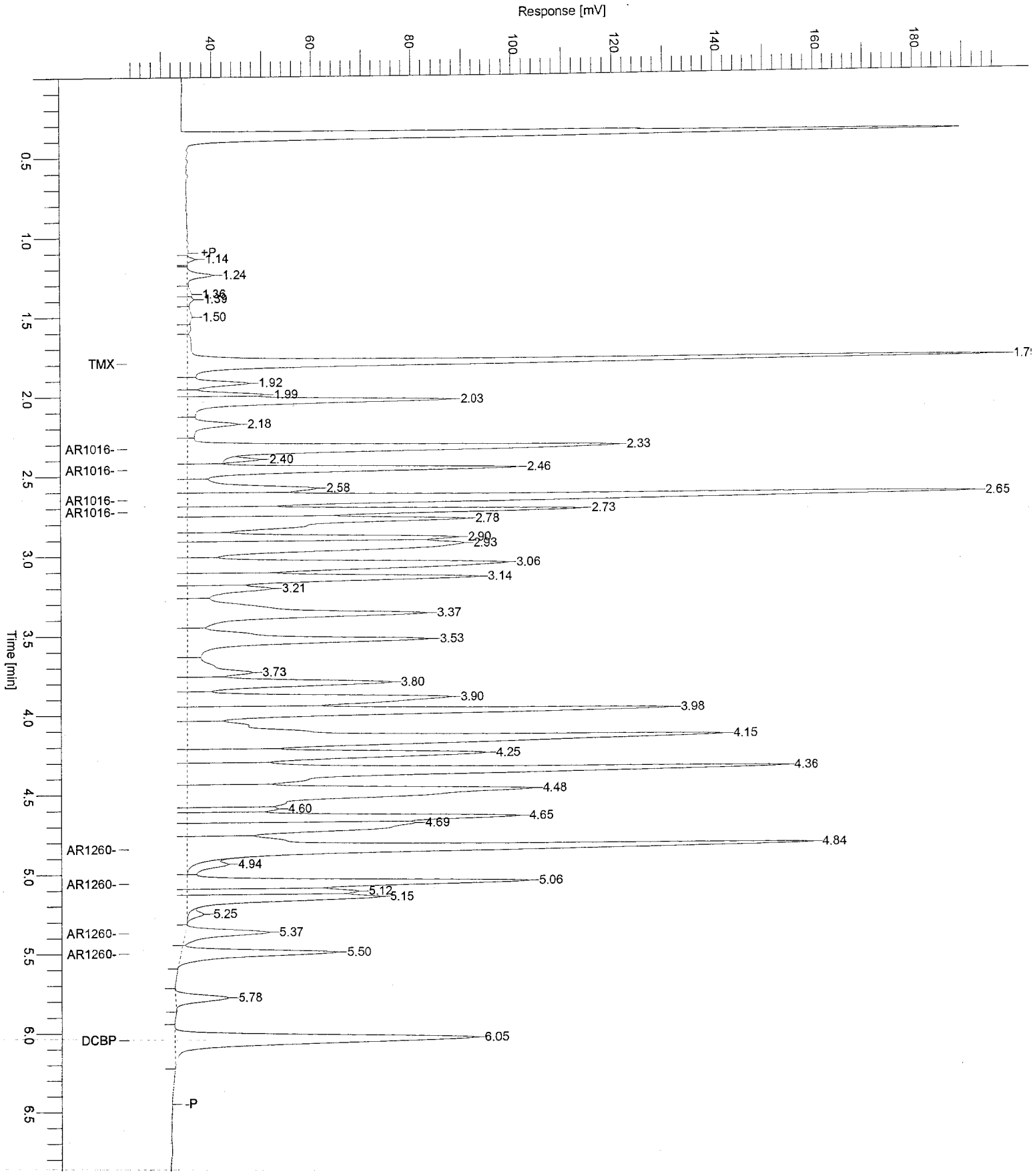
		DAILY	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
TMX	1.55	1.47	1.63	0.0339	0.0300	13.1
AR1016	2.50	2.42	2.58	0.5618	0.500	12.4
AR1260	4.65	4.57	4.73	0.5888	0.500	17.8 *
DCBP	5.80	5.72	5.88	0.0348	0.0300	16.1 *

Ave %D = 14.8

* Value >15.0% Difference

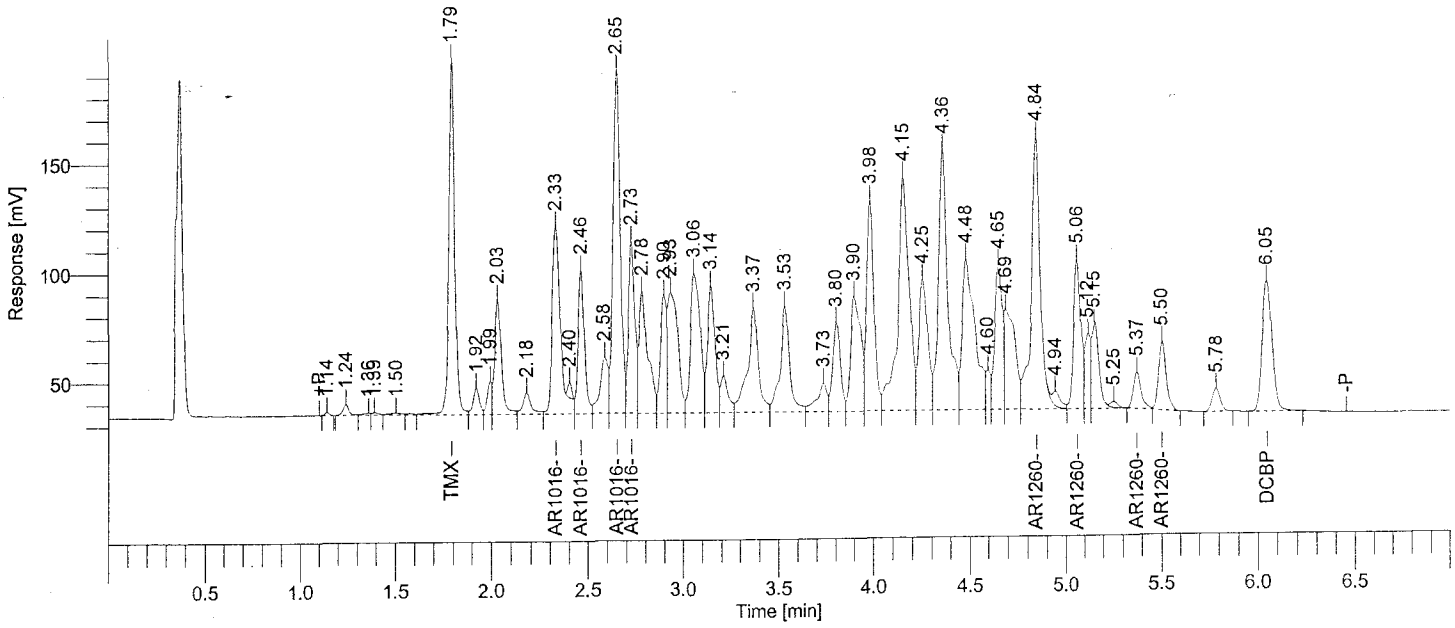
Chromatogram

Sample Name : ICM66OK
FileName : H:\TURBO6\5890-19\19A72152.raw
Date : 10/05/2006 07:53:11
Method : SDPCBINS
Start Time : 0.00 min
End Time : 7.00 min
Scale Factor: 1.0
Plot Offset: 23.04 mV
Sample #: 0.5NG
Page 1 of 1
Time of Injection: 10/04/2006 20:16:00
Low Point : 23.04 mV
High Point : 197.76 mV
Plot Scale: 174.7 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 07:53:10
Reprocess Number	: buf2042: 123103		
Operator	: tchrom	Sample Name	: ICM66OK
Sample Number	: 0.5NG	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/04/2006 20:16:00	Cycle	: 9

Raw Data File : H:\TURBO6\5890-19\19A72152.raw <Modified>
Result File : H:\TURBO6\5890-19\19A72152.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A72152.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A72152.rst
Calib Method : h:\turbo6\5890-19\sa66(09-25-06).mth from H:\TURBO6\5890-19\19A72152.rst
Report Format File: h:\turbo6\5890-19\s%d.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
1.79	VV	339929	TMX	0.0314	1.0831e+07	6.7986e+05	4.6	1.72 - 1.86
2.65		1020981	AR1016	0.5117	1.9953e+06	2.0420e+06	2.3	2.58 - 2.72
4.84		731522	AR1260	0.5160	1.4176e+06	1.4630e+06	3.2	4.77 - 4.91
6.05	BB	212533	DCBP	0.0311	6.8328e+06	4.2507e+05	3.7	5.98 - 6.12
		2304965		1.0902		4.6099e+06		

10/5/06

10/05/2006 07:53:10 Result: H:\TURBO6\5890-19\19A72152.rst

Group Report For : AR1016

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
2.33	VE	263142	AR1016-A	0.5212	5.0489e+05	5.2628e+05	4.2	2.26 - 2.40
2.46	VV	157802	AR1016-B	0.5201	3.0341e+05	3.1560e+05	4.0	2.39 - 2.53
2.65	VV	414876	AR1016-C	0.5056	8.2059e+05	8.2975e+05	1.1	2.58 - 2.72
2.73	VV	185160	AR1016-D	0.5056	3.6619e+05	3.7032e+05	1.1	2.66 - 2.80
		1020981		2.0525		2.0420e+06		

Group Report For : AR1260

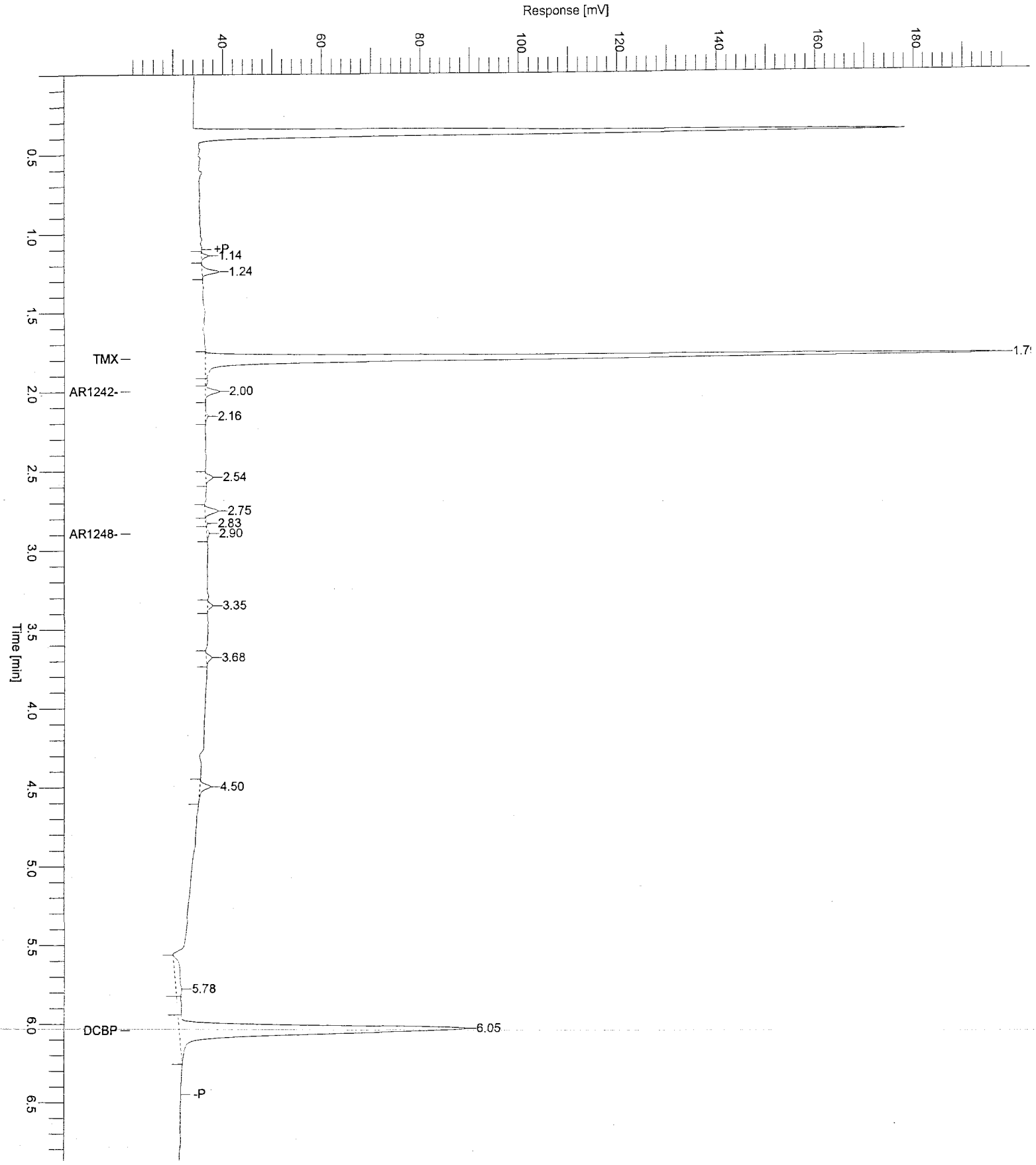
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
4.84	VE	409029	AR1260-A	0.5177	7.9010e+05	8.1806e+05	3.5	4.77 - 4.91
5.06	VV	187834	AR1260-B	0.5139	3.6548e+05	3.7567e+05	2.8	4.99 - 5.13
5.37	BV	47125	AR1260-C	0.5103	92353.5486	94249.0862	2.1	5.30 - 5.44
5.50	VB	87535	AR1260-D	0.5160	1.6965e+05	1.7507e+05	3.2	5.43 - 5.57
		731522		2.0578		1.4630e+06		

Chromatogram

Sample Name : ICM3KZ
FileName : H:\TURBO6\5890-19\19A72153.raw
Date : 10/05/2006 07:53:22
Method : SDPCBINS
Start Time : 0.00 min End Time : 7.00 min
Scale Factor: 1.0 Plot Offset: 21.48 mV

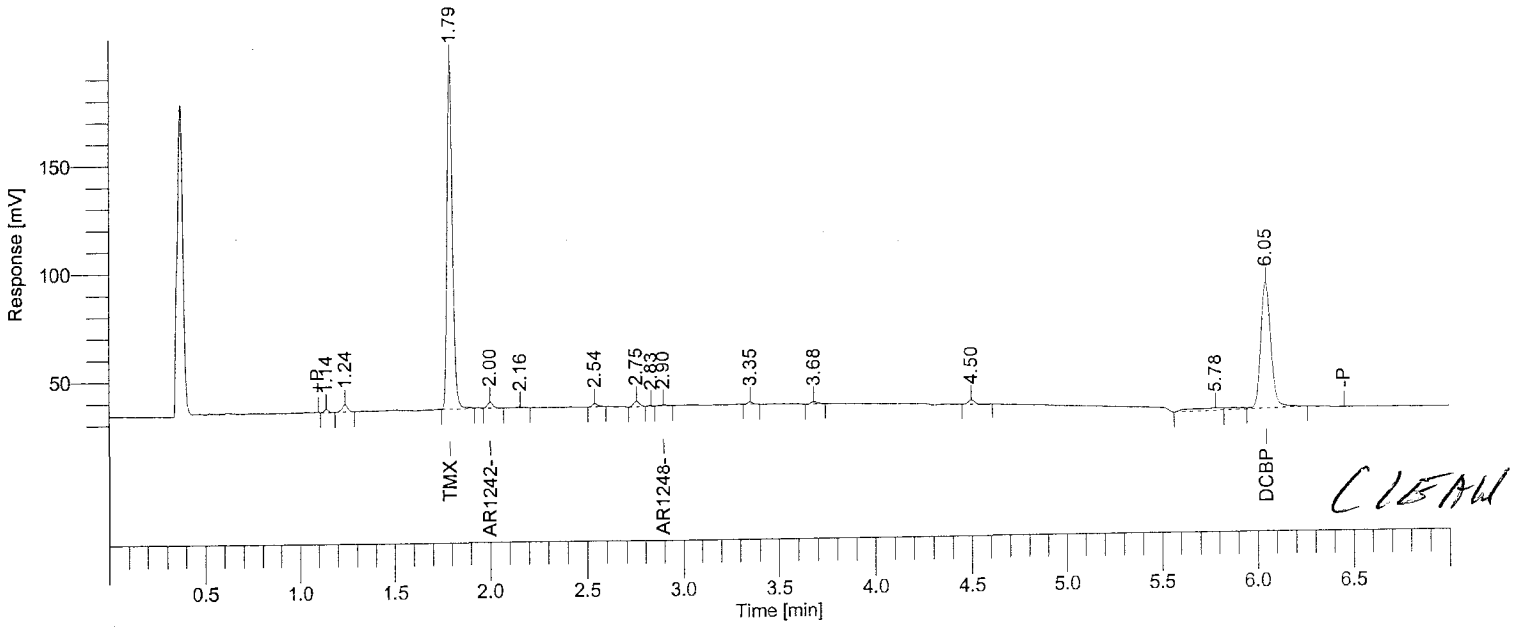
Sample #: 0.03NG Page 1 of 1

Time of Injection: 10/04/2006 20:35:17
Low Point : 21.48 mV High Point : 198.01 mV
Plot Scale: 176.5 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 07:53:20
Reprocess Number	: buf2042: 123105		
Operator	: tchrom	Sample Name	: ICM3KZ
Sample Number	: 0.03NG	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/04/2006 20:35:17	Cycle	: 10

Raw Data File : H:\TURBO6\5890-19\19A72153.raw <Modified>
Result File : H:\TURBO6\5890-19\19A72153.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A72153.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A72153.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(09-25-06).mth from H:\TURBO6\5890-19\19A72153.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
3	1.79	BV	315954	TMX	0.0288	-------	0
	2.00		5653	~~AR1242~~	~~0.0037~~	9.3e-04	4
14	6.05	VB	212160	DCBP	0.0310	-------	0
			533767			9.3e-04	

10/5/06 GAD

10/05/2006 07:58:20 Result: H:\TURBO6\5890-19\19A72153.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
4	2.00	VV	5653	AR1242-A	0.0274	0.0068	4
-	2.33		0	AR1242-B	0.0000	-------	-
-	2.46		0	AR1242-C	0.0000	-------	-
-	2.65		0	AR1242-D	0.0000	-------	-
			5653			0.0068	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
9	2.90	VB	1391	AR1248-A	0.0044	0.0011	4
-	3.06		0	AR1248-B	0.0000	-------	-
-	3.14		0	AR1248-C	0.0000	-------	-
-	3.21		0	AR1248-D	0.0000	-------	-
			1391			0.0011	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	3.74		0	AR1254-A	0.0000	-------	-
-	3.81		0	AR1254-B	0.0000	-------	-
-	4.36		0	AR1254-C	0.0000	-------	-
-	4.56		0	AR1254-D	0.0000	-------	-
			0			0.0000	

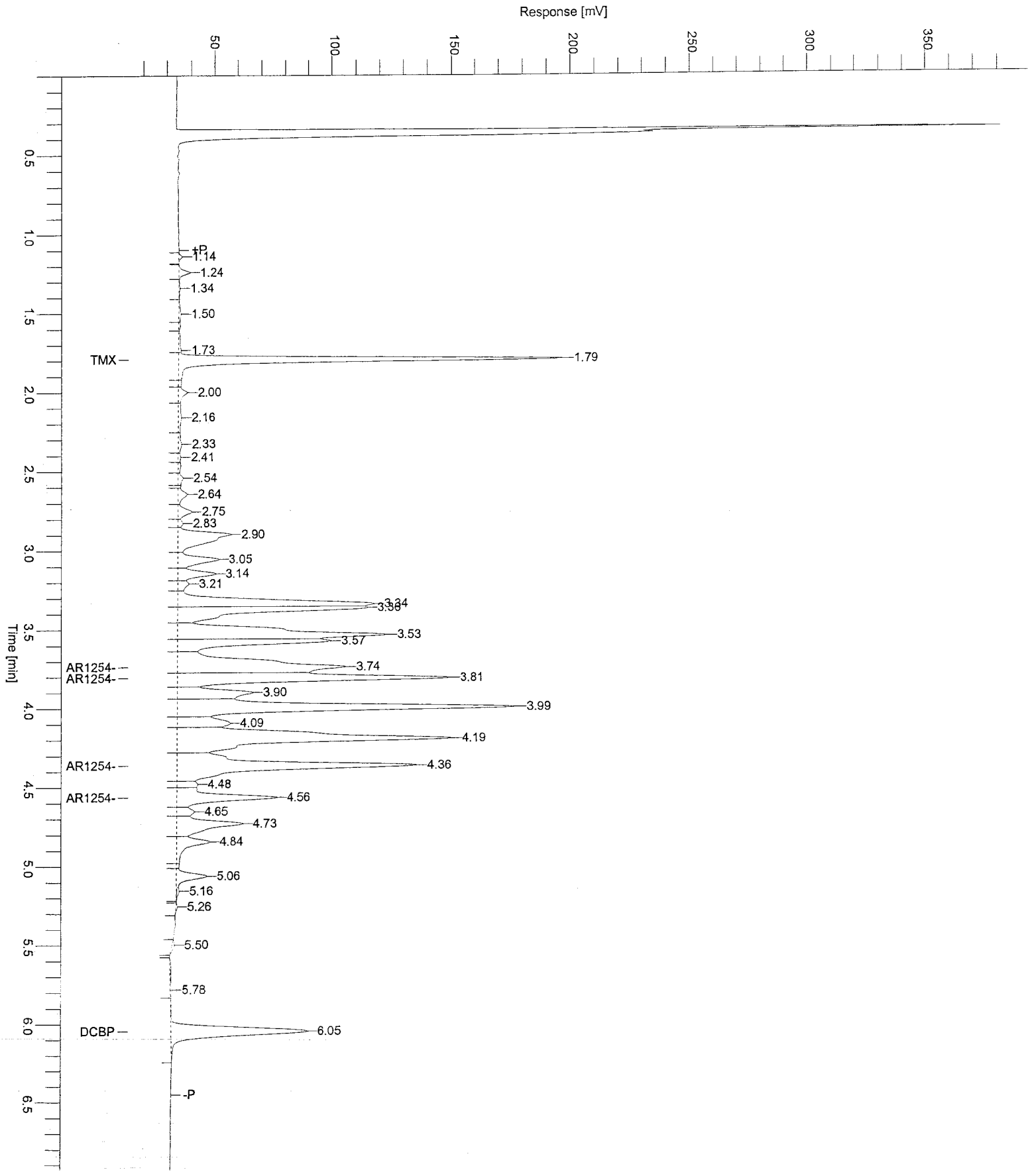
10/5/06 CAD

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	4.85		0	AR1260-A	0.0000	-------	-
-	5.06		0	AR1260-B	0.0000	-------	-
-	5.37		0	AR1260-C	0.0000	-------	-
-	5.50		0	AR1260-D	0.0000	-------	-
			0			0.0000	

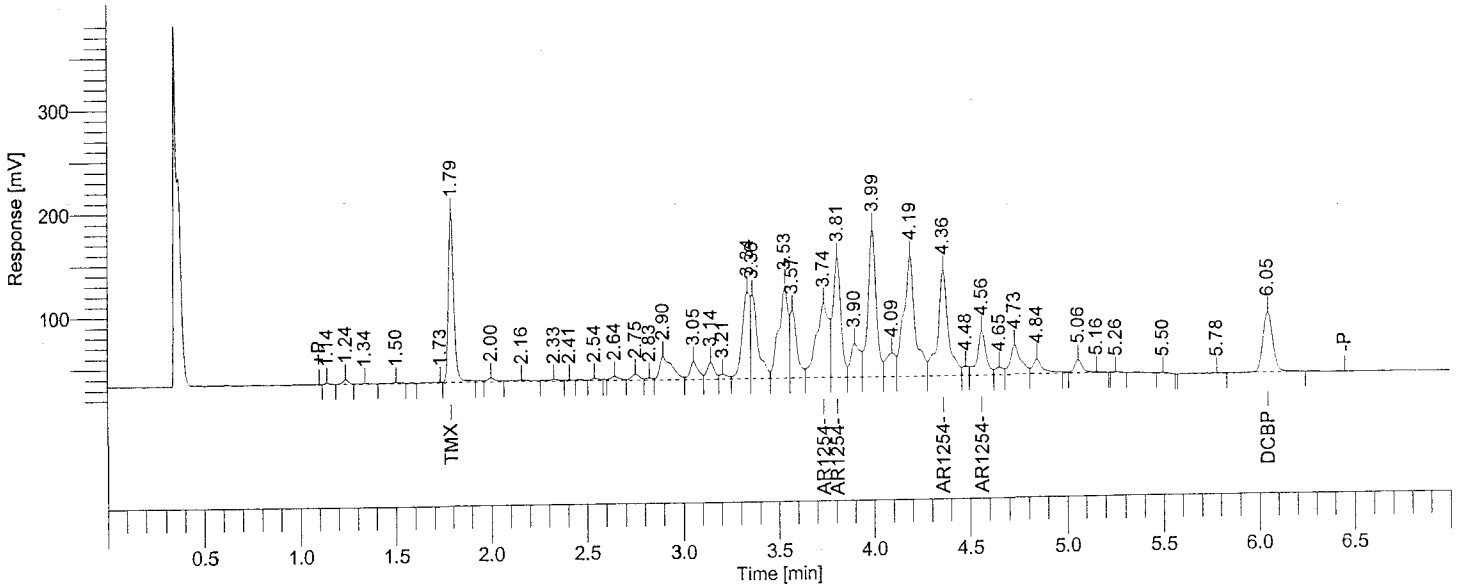
Chromatogram

Sample Name : ICM54WE
FileName : H:\TURBO6\5890-19\19A72164.raw
Date : 10/05/2006 07:55:03
Method : SDPCBINS
Start Time : 0.00 min
End Time : 7.00 min
Scale Factor: 1.0
Plot Offset: 13.51 mV
Sample #: 0.5NG
Page 1 of 1
Time of Injection: 10/05/2006 00:07:11
Low Point : 13.51 mV
High Point : 381.30 mV
Plot Scale: 367.8 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 07:55:02
Reprocess Number	: buf2042: 123127		
Operator	: tchrom	Sample Name	: ICM54WE
Sample Number	: 0.5NG	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/05/2006 00:07:11	Cycle	: 21

Raw Data File : H:\TURBO6\5890-19\19A72164.raw <Modified>
Result File : H:\TURBO6\5890-19\19A72164.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A72164.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A72164.rst
Calib Method : h:\turbo6\5890-19\sa54(09-25-06).mth from H:\TURBO6\5890-19\19A72164.rst
Report Format File: h:\turbo6\5890-19\s%d.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
1.79	VV	327705	TMX	0.0301	1.0895e+07	6.5541e+05	0.3	1.72 - 1.86
3.81		1189347	AR1254	0.5128	2.3192e+06	2.3787e+06	2.6	3.74 - 3.88
6.05	VB	211004	DCBP	0.0308	6.8458e+06	4.2201e+05	2.7	5.98 - 6.12
		1728056		0.5737		3.4561e+06		

10/5/06

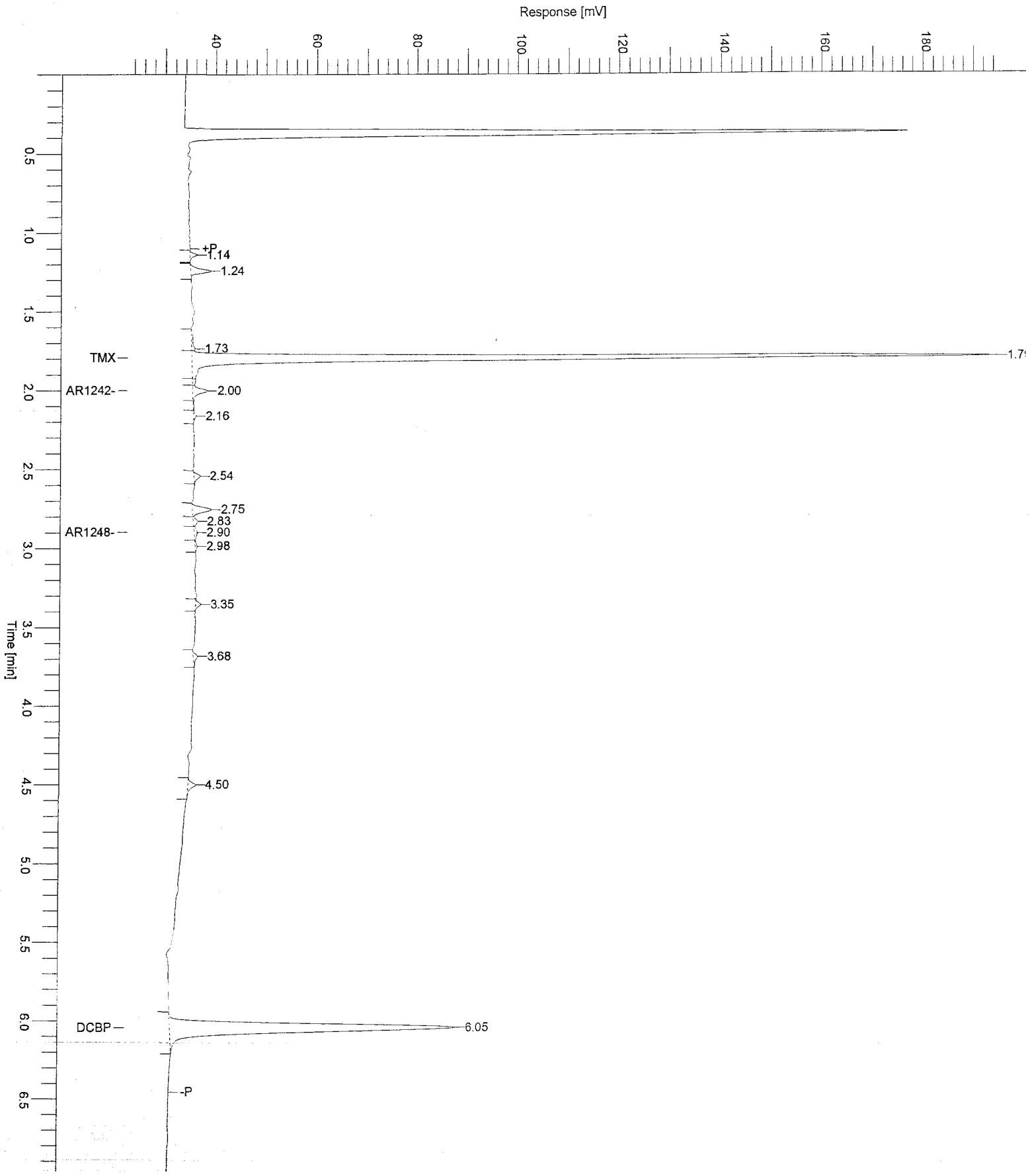
10/05/2006 07:55:02 Result: H:\TURBO6\5890-19\19A72164.rst

Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
3.74	VV	330313	AR1254-A	0.5046	6.5457e+05	6.6063e+05	0.9	3.67 - 3.81
3.81	VV	333209	AR1254-B	0.5051	6.5973e+05	6.6642e+05	1.0	3.74 - 3.88
4.36	VV	391022	AR1254-C	0.5089	7.6841e+05	7.8204e+05	1.8	4.29 - 4.43
4.56	VV	134803	AR1254-D	0.5700	2.3651e+05	2.6961e+05	14.0	4.49 - 4.63
		1189347		2.0885		2.3787e+06		

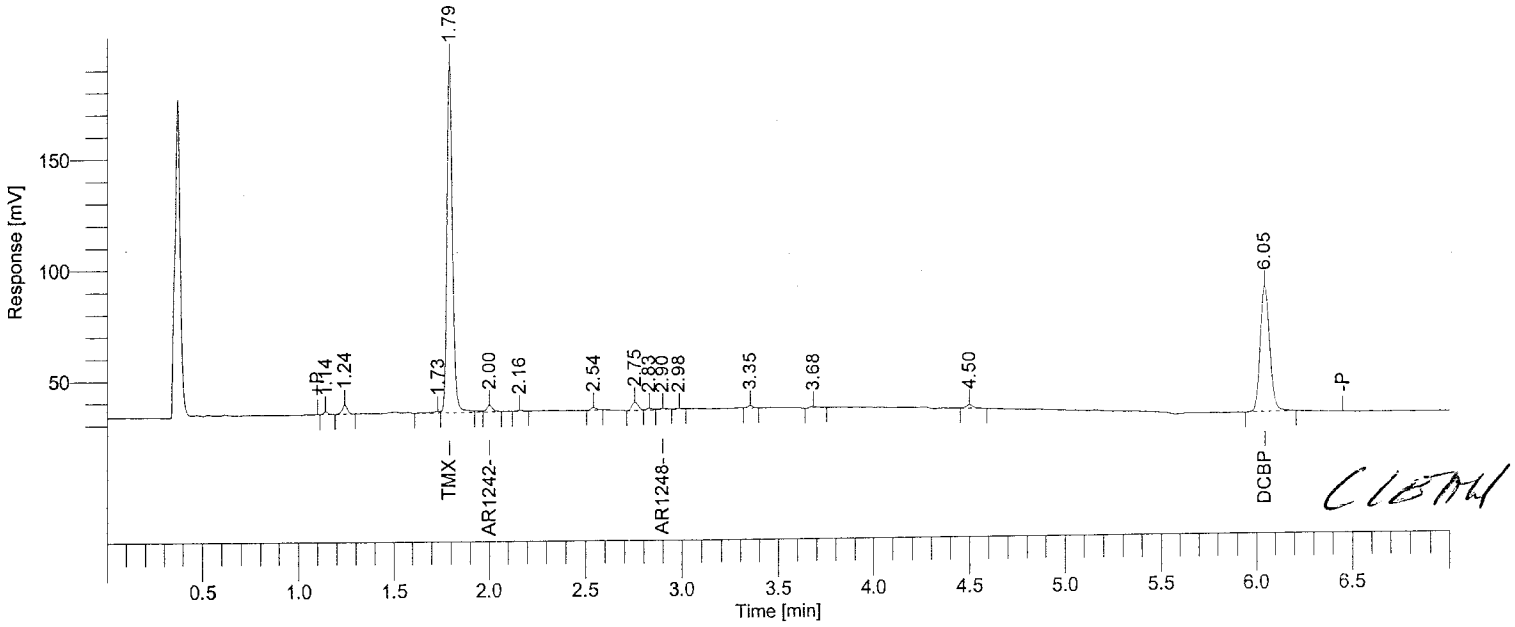
Chromatogram

Sample Name : ICM3KZ Sample #: 0.03NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19A72165.raw
Date : 10/05/2006 07:55:10
Method : SDPCBINS Time of Injection: 10/05/2006 00:26:18
Start Time : 0.00 min End Time : 7.00 min Low Point : 22.75 mV High Point : 194.92 mV
Scale Factor: 1.0 Plot Offset: 22.75 mV Plot Scale: 172.2 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 07:55:09
Reprocess Number	: buf2042: 123129		
Operator	: tchrom	Sample Name	: ICM3KZ
Sample Number	: 0.03NG	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/05/2006 00:26:18	Cycle	: 22

Raw Data File : H:\TURBO6\5890-19\19A72165.raw <Modified>
Result File : H:\TURBO6\5890-19\19A72165.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A72165.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A72165.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(09-25-06).mth from H:\TURBO6\5890-19\19A72165.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
4	1.79	VV	316108	TMX	0.0288	-------	0
	2.00		6815	~~AR1242~~	0.0045	0.0011	4
15	6.05	BB	201332	DCBP	0.0291	-------	0
			524255			0.0011	

10/5/06

10/05/2006 07:55:09 Result: H:\TURBO6\5890-19\19A72165.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
5	2.00	VV	6815	AR1242-A	0.0330	0.0082	4
-	2.33		0	AR1242-B	0.0000	-------	-
-	2.46		0	AR1242-C	0.0000	-------	-
-	2.65		0	AR1242-D	0.0000	-------	-
			6815			0.0082	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
10	2.90	VV	1967	AR1248-A	0.0063	0.0016	4
-	3.06		0	AR1248-B	0.0000	-------	-
-	3.14		0	AR1248-C	0.0000	-------	-
-	3.21		0	AR1248-D	0.0000	-------	-
			1967			0.0016	

10/5/06

Group Report For : AR1254

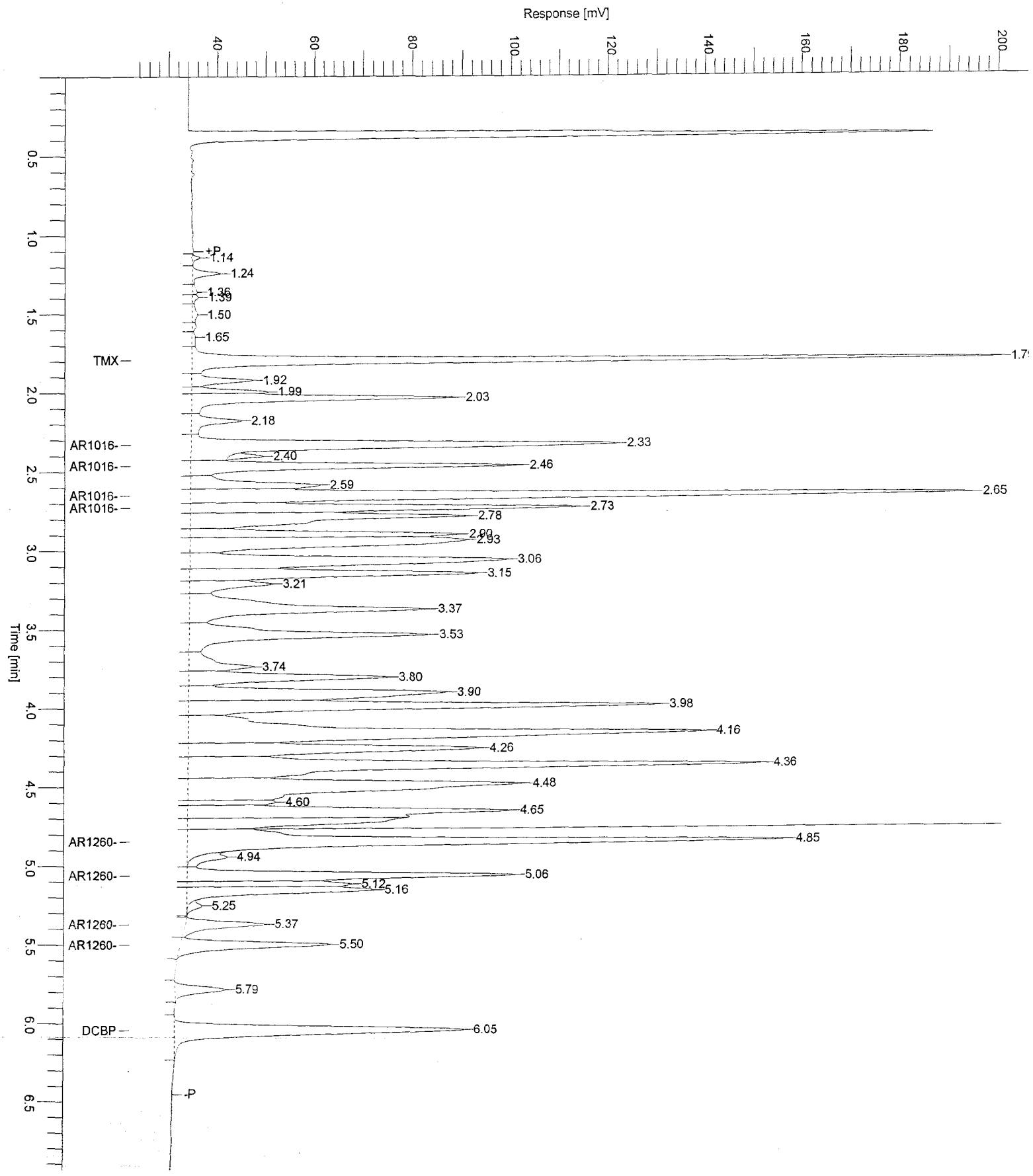
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	3.74		0	AR1254-A	0.0000	-------	-
-	3.81		0	AR1254-B	0.0000	-------	-
-	4.36		0	AR1254-C	0.0000	-------	-
-	4.56		0	AR1254-D	0.0000	-------	-
			0			0.0000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	4.85		0	AR1260-A	0.0000	-------	-
-	5.06		0	AR1260-B	0.0000	-------	-
-	5.37		0	AR1260-C	0.0000	-------	-
-	5.50		0	AR1260-D	0.0000	-------	-
			0			0.0000	

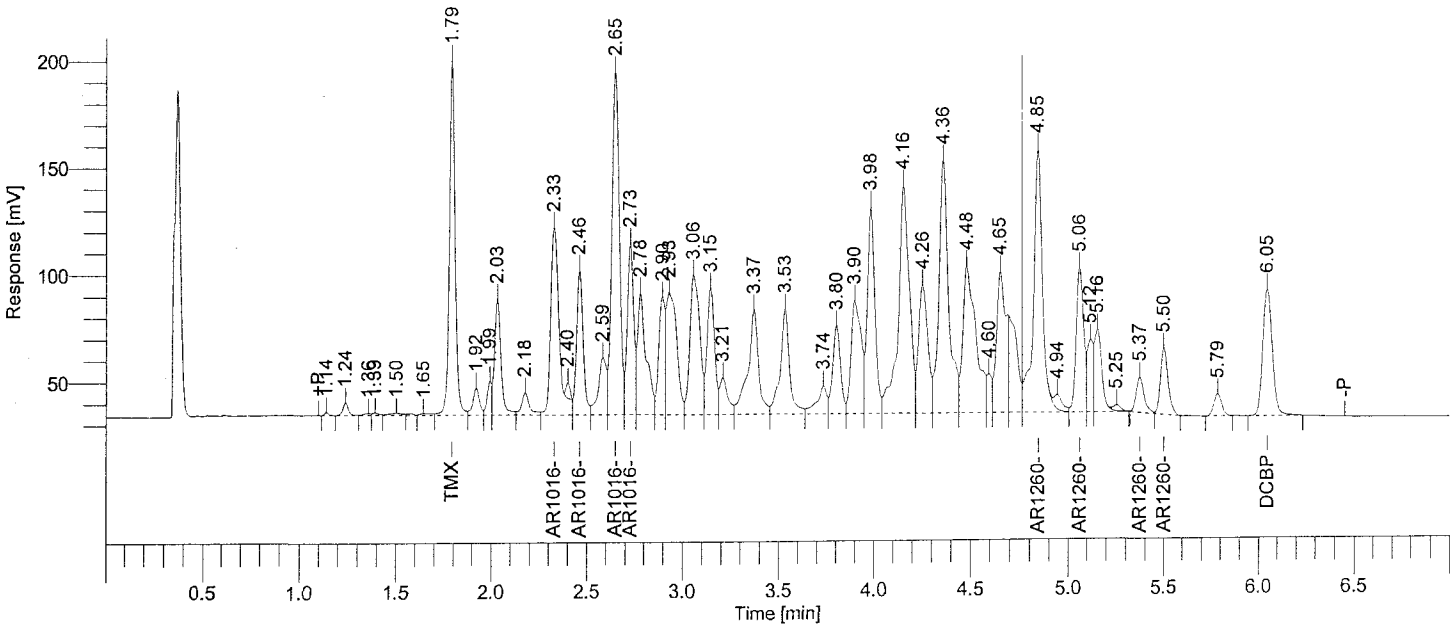
Chromatogram

Sample Name : ICM66OK Sample #: 0.5NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19A72176.raw
Date : 10/05/2006 09:37:07
Method : SDPCBINS Time of Injection: 10/05/2006 08:51:41
Start Time : 0.00 min End Time : 7.00 min Low Point : 22.19 mV High Point : 200.42 mV
Scale Factor: 1.0 Plot Offset: 22.19 mV Plot Scale: 178.2 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 09:37:05
Reprocess Number	: buf2042: 123169		
Operator	: tchrom	Sample Name	: ICM66OK
Sample Number	: 0.5NG	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/05/2006 08:51:41	Cycle	: 4

Raw Data File : H:\TURBO6\5890-19\19A72176.raw <Modified>
Result File : H:\TURBO6\5890-19\19A72176.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A72176.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A72176.rst
Calib Method : h:\turbo6\5890-19\sa66(09-25-06).mth from H:\TURBO6\5890-19\19A72176.rst
Report Format File: h:\turbo6\5890-19\s%d.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
1.79	VV	344842	TMX	0.0319	1.0805e+07	6.8968e+05	6.4	1.72 - 1.86
2.65		1047505	AR1016	0.5270	1.9877e+06	2.0950e+06	5.4	2.58 - 2.72
4.85		725869	AR1260	0.5117	1.4187e+06	1.4517e+06	2.3	4.78 - 4.92
6.05	BB	210538	DCBP	0.0307	6.8497e+06	4.2108e+05	2.5	5.98 - 6.12
		2328754		1.1013		4.6575e+06		

10/5/06

10/05/2006 09:37:05 Result: H:\TURBO6\5890-19\19A72176.rst

Group Report For : AR1016

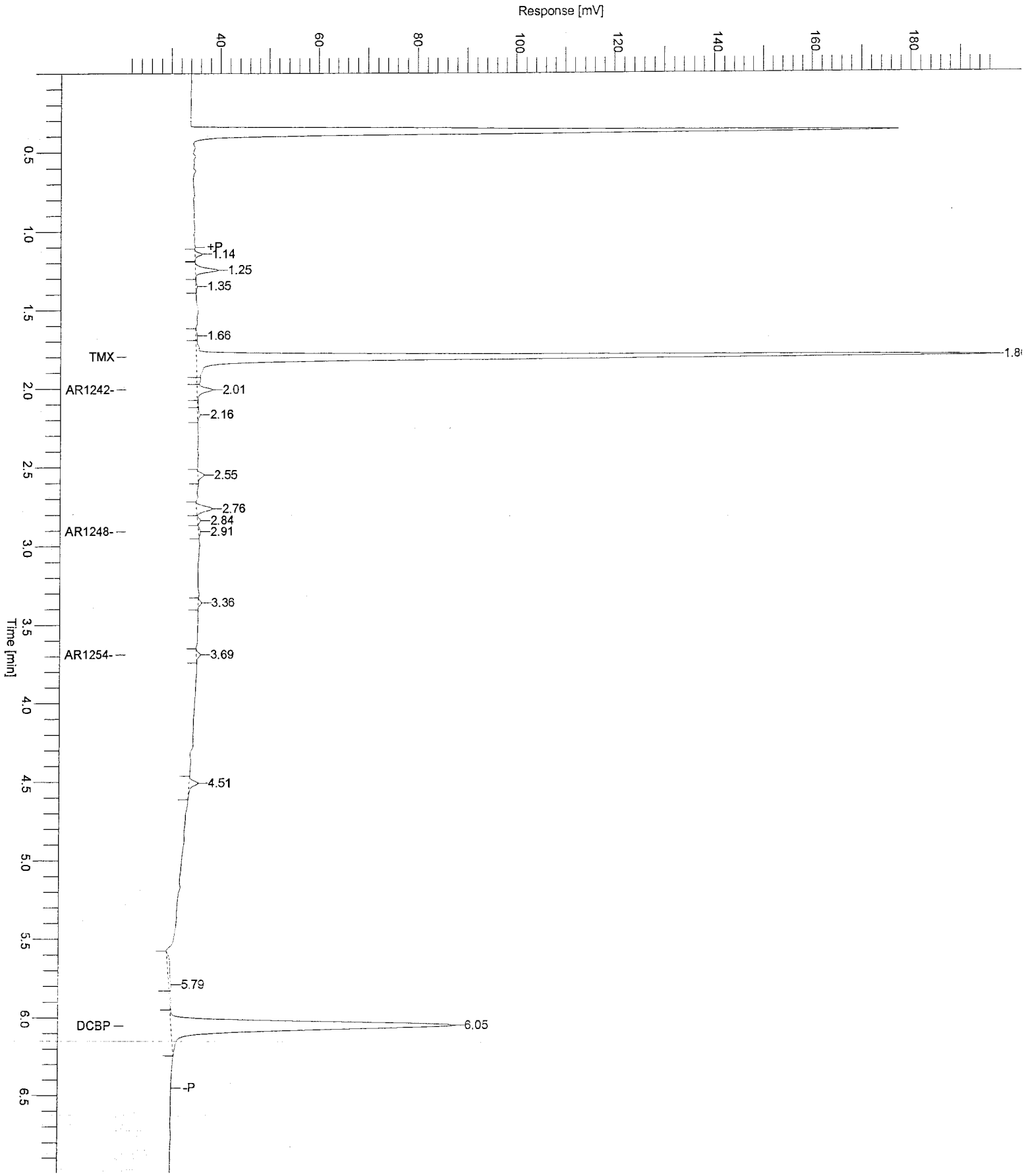
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
2.33	VE	271029	AR1016-A	0.5395	5.0239e+05	5.4206e+05	7.9	2.26 - 2.40
2.46	VV	162049	AR1016-B	0.5363	3.0216e+05	3.2410e+05	7.3	2.39 - 2.53
2.65	VV	424654	AR1016-C	0.5191	8.1813e+05	8.4931e+05	3.8	2.58 - 2.72
2.73	VV	189773	AR1016-D	0.5203	3.6471e+05	3.7955e+05	4.1	2.66 - 2.80
		1047505		2.1152		2.0950e+06		

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
4.85	VE	406222	AR1260-A	0.5138	7.9062e+05	8.1244e+05	2.8	4.78 - 4.92
5.06	VV	185798	AR1260-B	0.5078	3.6586e+05	3.7160e+05	1.6	4.99 - 5.13
5.37	BV	47185	AR1260-C	0.5110	92345.2483	94370.5977	2.2	5.30 - 5.44
5.50	VB	86664	AR1260-D	0.5102	1.6986e+05	1.7333e+05	2.0	5.43 - 5.57
		725869		2.0428		1.4517e+06		

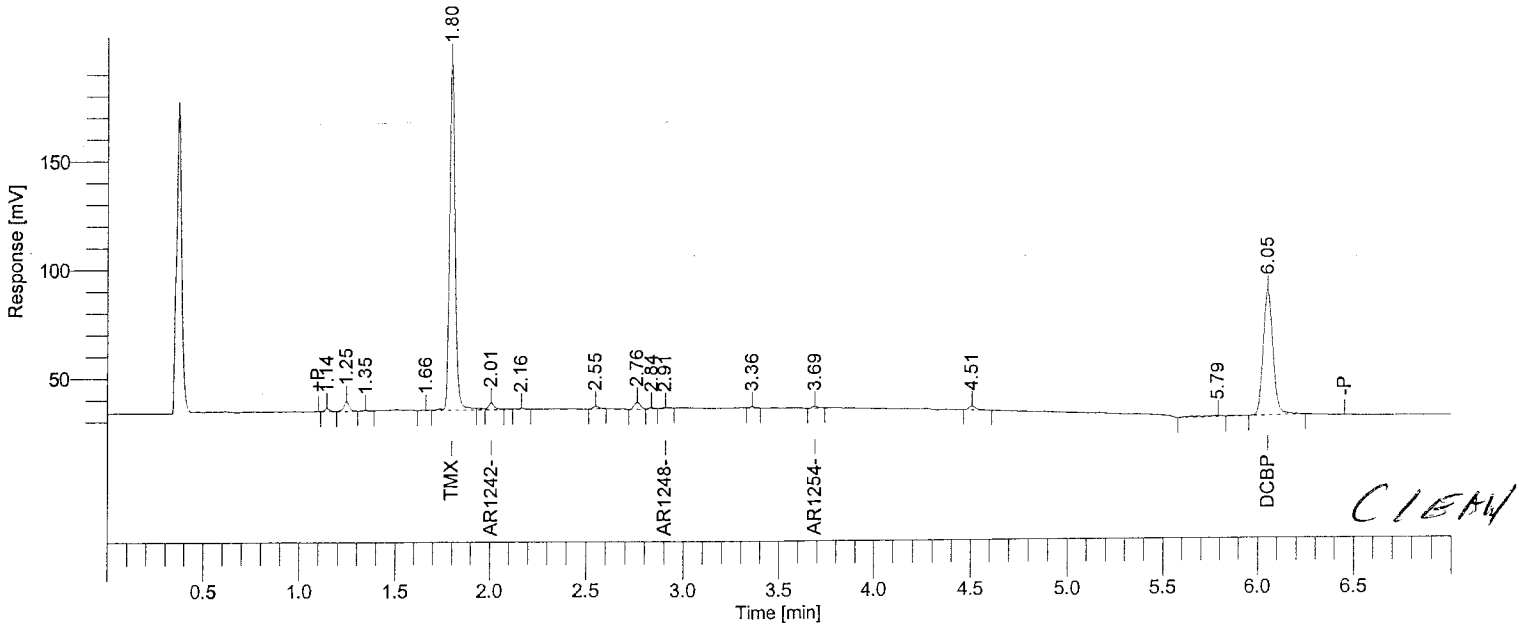
Chromatogram

Sample Name : ICM3KZ
Sample #: 0.03NG
Page 1 of 1
FileName : H:\TURBO6\5890-19\19A72177.raw
Date : 10/05/2006 09:37:12
Method : SDPCBINS
Time of Injection: 10/05/2006 09:13:44
Start Time : 0.00 min
End Time : 7.00 min
Low Point : 21.07 mV
High Point : 196.93 mV
Scale Factor: 1.0
Plot Offset: 21.07 mV
Plot Scale: 175.9 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 09:37:11
Reprocess Number	: buf2042: 123171		
Operator	: tchrom	Sample Name	: ICM3KZ
Sample Number	: 0.03NG	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/05/2006 09:13:44	Cycle	: 5

Raw Data File : H:\TURBO6\5890-19\19A72177.raw <Modified>
Result File : H:\TURBO6\5890-19\19A72177.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A72177.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A72177.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(09-25-06).mth from H:\TURBO6\5890-19\19A72177.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



C1EAH

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
5	1.80	VV	323985	TMX	0.0297	-------	0
	2.01		7133	~~AR1242~~	~~0.0047~~	0.0012	4
16	6.05	VB	206764	DCBP	0.0300	-------	0
			537881			0.0012	

10/5/06
BD

10/05/2006 09:37:11 Result: H:\TURBO6\5890-19\19A72177.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
6	2.01	VV	7133	AR1242-A	0.0345	0.0086	4
-	2.33		0	AR1242-B	0.0000	-------	-
-	2.46		0	AR1242-C	0.0000	-------	-
-	2.65		0	AR1242-D	0.0000	-------	-
			7133			0.0086	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
11	2.91	VB	1082	AR1248-A	0.0035	8.6e-04	4
-	3.06		0	AR1248-B	0.0000	-------	-
-	3.14		0	AR1248-C	0.0000	-------	-
-	3.21		0	AR1248-D	0.0000	-------	-
			1082			8.6e-04	

10/15/06 CAD

Group Report For : AR1254

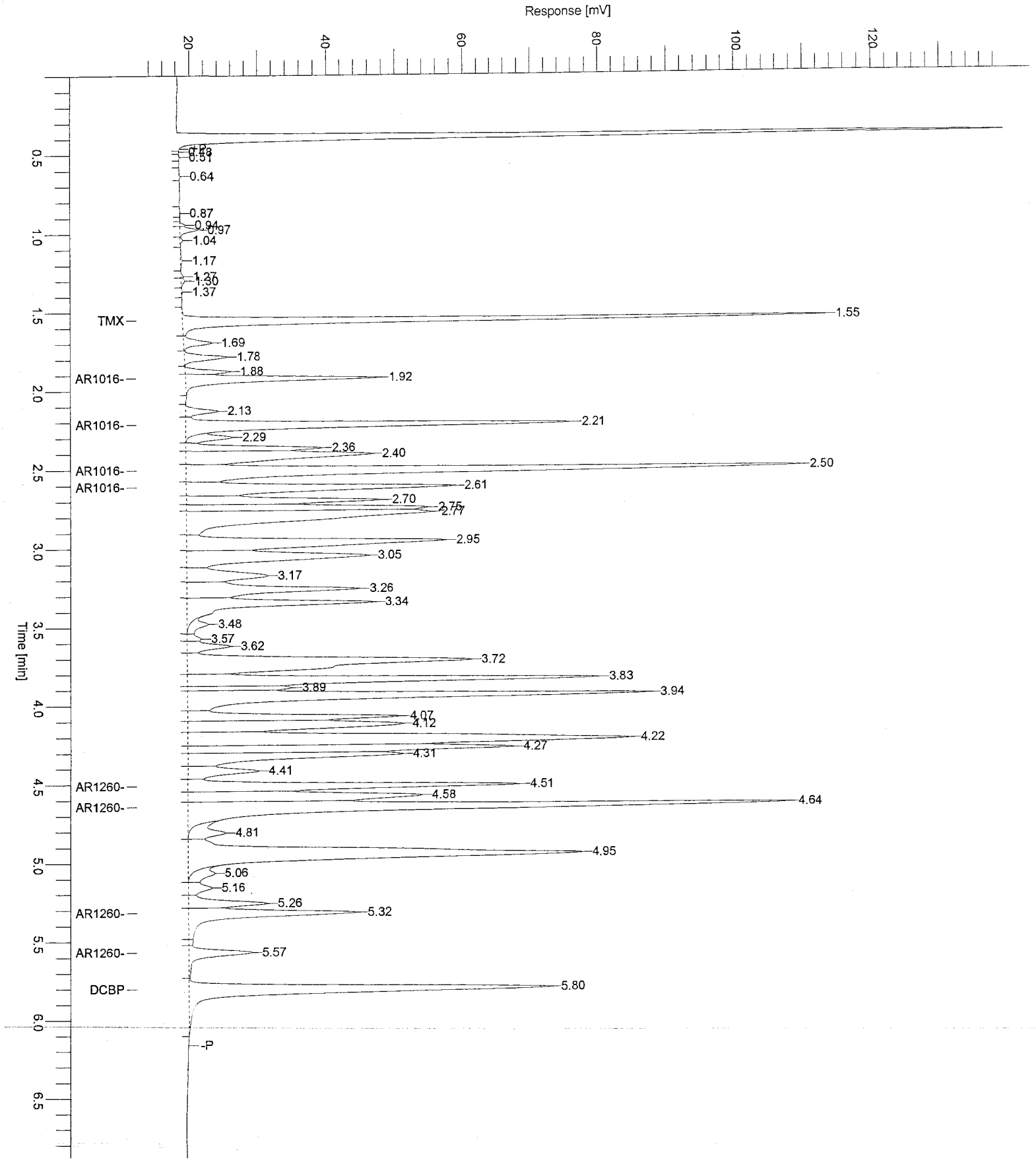
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
13	3.69	BB	1780	AR1254-A	0.0027	6.8e-04	4
-	3.81		0	AR1254-B	0.0000	-------	-
-	4.36		0	AR1254-C	0.0000	-------	-
-	4.56		0	AR1254-D	0.0000	-------	-
			1780			6.8e-04	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	4.85		0	AR1260-A	0.0000	-------	-
-	5.06		0	AR1260-B	0.0000	-------	-
-	5.37		0	AR1260-C	0.0000	-------	-
-	5.50		0	AR1260-D	0.0000	-------	-
			0			0.0000	

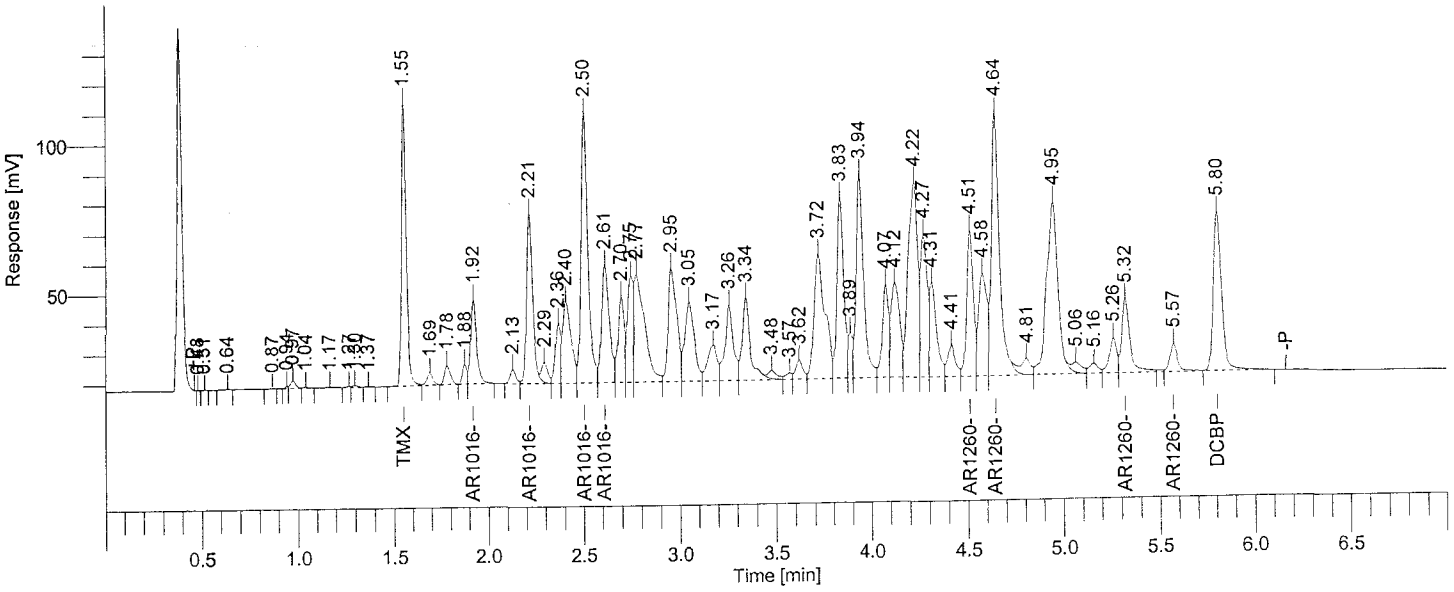
Chromatogram

Sample Name : ICM66OK
Sample #: 0.5NG
Page 1 of 1
FileName : H:\TURBO6\5890-19\19B72152.raw
Date : 10/05/2006 07:53:17
Method : SDPCBINS
Time of Injection: 10/04/2006 20:16:00
Start Time : 0.00 min
End Time : 7.00 min
Low Point : 12.13 mV
High Point : 139.47 mV
Scale Factor: 1.0
Plot Offset: 12.13 mV
Plot Scale: 127.3 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 07:53:15
Reprocess Number	: buf2042: 123104		
Operator	: tchrom	Sample Name	: ICM66OK
Sample Number	: 0.5NG	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/04/2006 20:16:00	Cycle	: 9

Raw Data File : H:\TURBO6\5890-19\19B72152.raw <Modified>
Result File : H:\TURBO6\5890-19\19B72152.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B72152.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B72152.rst
Calib Method : h:\turbo6\5890-19\sb66(09-25-06).mth from H:\TURBO6\5890-19\19B72152.rst
Report Format File: h:\turbo6\5890-19\s%d.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
1.55	BV	168623	TMX	0.0318	5.3064e+06	3.3725e+05	5.9	1.48 - 1.62
2.50		526658	AR1016	0.5192	1.0144e+06	1.0533e+06	3.8	2.43 - 2.57
4.64		489152	AR1260	0.5633	8.6836e+05	9.7830e+05	12.7	4.57 - 4.71
5.80	VB	162314	DCBP	0.0332	4.8913e+06	3.2463e+05	10.6	5.73 - 5.87
		1346747		1.1475		2.6935e+06		

10/5/06

10/05/2006 07:53:15 Result: H:\TURBO6\5890-19\19B72152.rst

Group Report For : AR1016

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
1.92	VB	60881	AR1016-A	0.5001	1.2173e+05	1.2176e+05	0.0	1.85 - 1.99
2.21	VE	130853	AR1016-B	0.5251	2.4918e+05	2.6171e+05	5.0	2.14 - 2.28
2.50	VV	227055	AR1016-C	0.5149	4.4098e+05	4.5411e+05	3.0	2.43 - 2.57
2.61	VV	107869	AR1016-D	0.5327	2.0249e+05	2.1574e+05	6.5	2.54 - 2.68
		526658		2.0729		1.0533e+06		

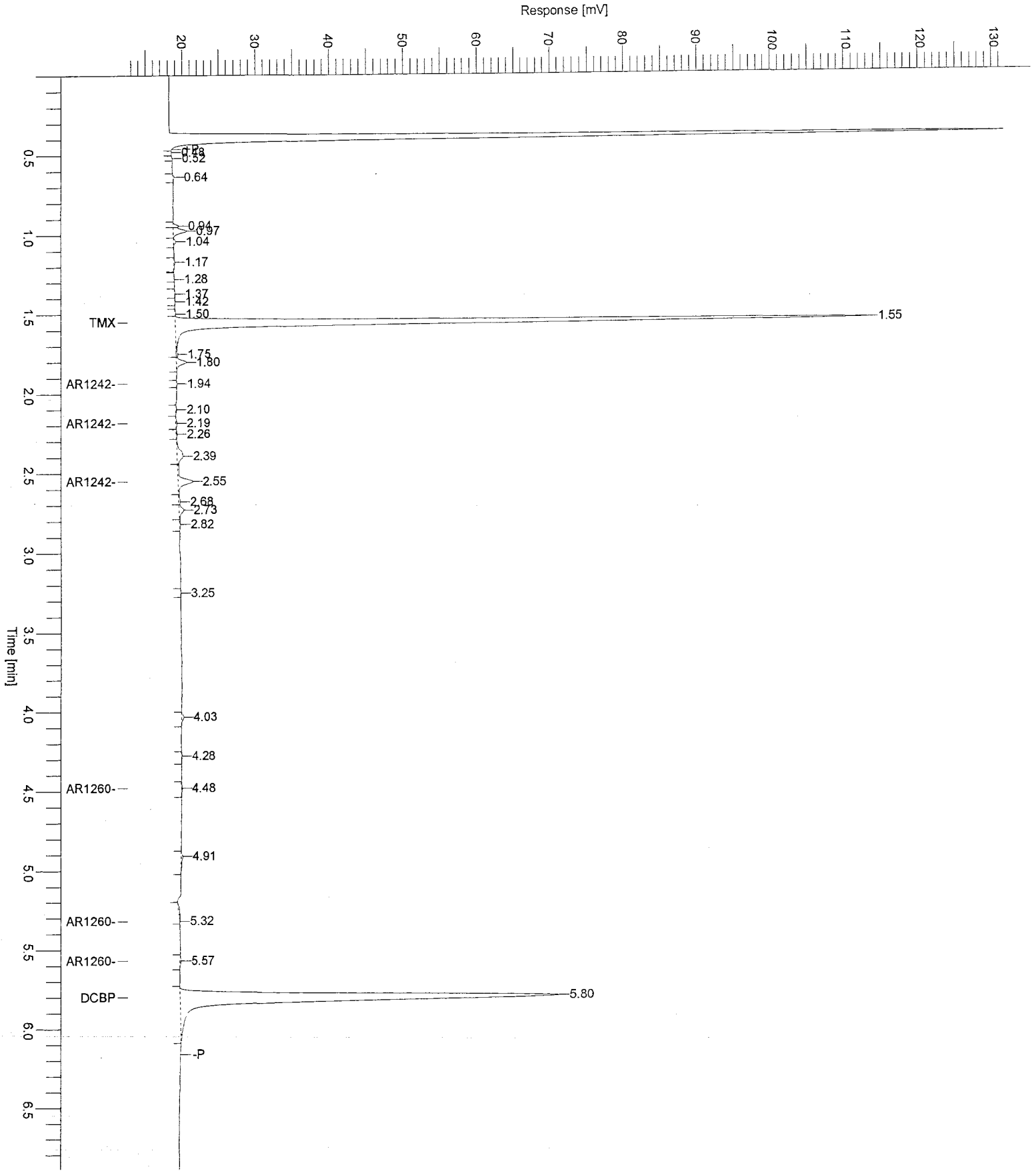
Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
4.51	VV	117117	AR1260-A	0.5451	2.1484e+05	2.3423e+05	9.0	4.44 - 4.58
4.64	VE	271943	AR1260-B	0.5703	4.7688e+05	5.4389e+05	14.1	4.57 - 4.71
5.32	VV	73621	AR1260-C	0.5634	1.3067e+05	1.4724e+05	12.7	5.25 - 5.39
5.57	VV	26471	AR1260-D	0.5751	46031.3598	52941.7800	15.0	5.50 - 5.64
		489152		2.2539		9.7830e+05		

Chromatogram

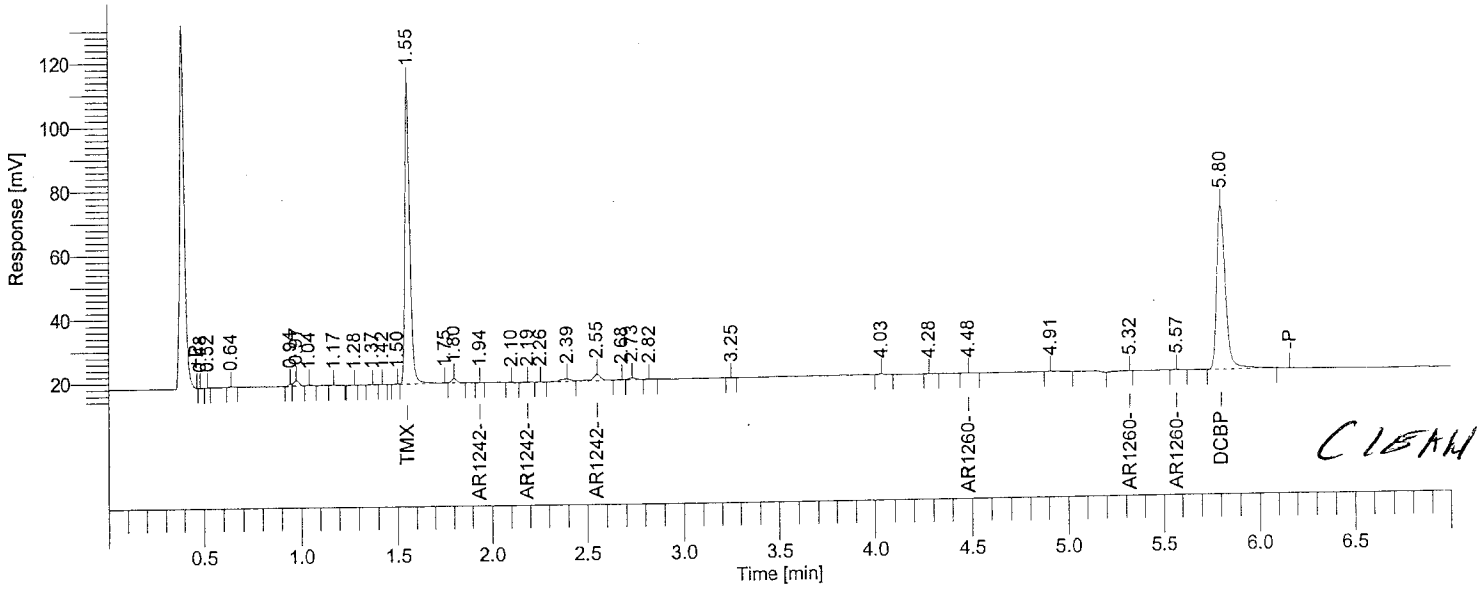
Sample Name : ICM3KZ
FileName : H:\TURBO6\5890-19\19B72153.raw
Date : 10/05/2006 07:53:27
Method : SDPCBINS
Start Time : 0.00 min
Scale Factor: 1.0

Sample #: 0.03NG
Page 1 of 1
Time of Injection: 10/04/2006 20:35:17
End Time : 7.00 min
Plot Offset: 12.50 mV
Low Point : 12.50 mV
Plot Scale: 119.2 mV
High Point : 131.70 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 07:53:25
Reprocess Number	: buf2042: 123106		
Operator	: tchrom	Sample Name	: ICM3KZ
Sample Number	: 0.03NG	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/04/2006 20:35:17	Cycle	: 10

Raw Data File : H:\TURBO6\5890-19\19B72153.raw <Modified>
Result File : H:\TURBO6\5890-19\19B72153.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B72153.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B72153.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(09-25-06).mth from H:\TURBO6\5890-19\19B72153.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
12	1.55	VE	168848	TMX	0.0318	-------	0
	2.55		6519	~~AR1242~~	0.0079	0.0020	4
31	5.80	BB	157559	DCBP	0.0320	-------	0
			332926			0.0020	

10/5/06

10/05/2006 07:53:25 Result: H:\TURBO6\5890-19\19B72153.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
15	1.94	BB	124	AR1242-A	0.0012	3.1e-04	4
17	2.19	BV	420	AR1242-B	0.0021	5.2e-04	4
20	2.55	VV	5975	AR1242-C	0.0165	0.0041	4
-	2.61		0	AR1242-D	0.0000	-------	-
			6519			0.0050	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	2.95		0	AR1248-A	0.0000	-------	-
-	3.05		0	AR1248-B	0.0000	-------	-
-	3.18		0	AR1248-C	0.0000	-------	-
-	3.40		0	AR1248-D	0.0000	-------	-
			0			0.0000	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	3.70		0	AR1254-A	0.0000	-------	-
-	3.94		0	AR1254-B	0.0000	-------	-
-	4.11		0	AR1254-C	0.0000	-------	-
-	4.22		0	AR1254-D	0.0000	-------	-
			0			0.0000	

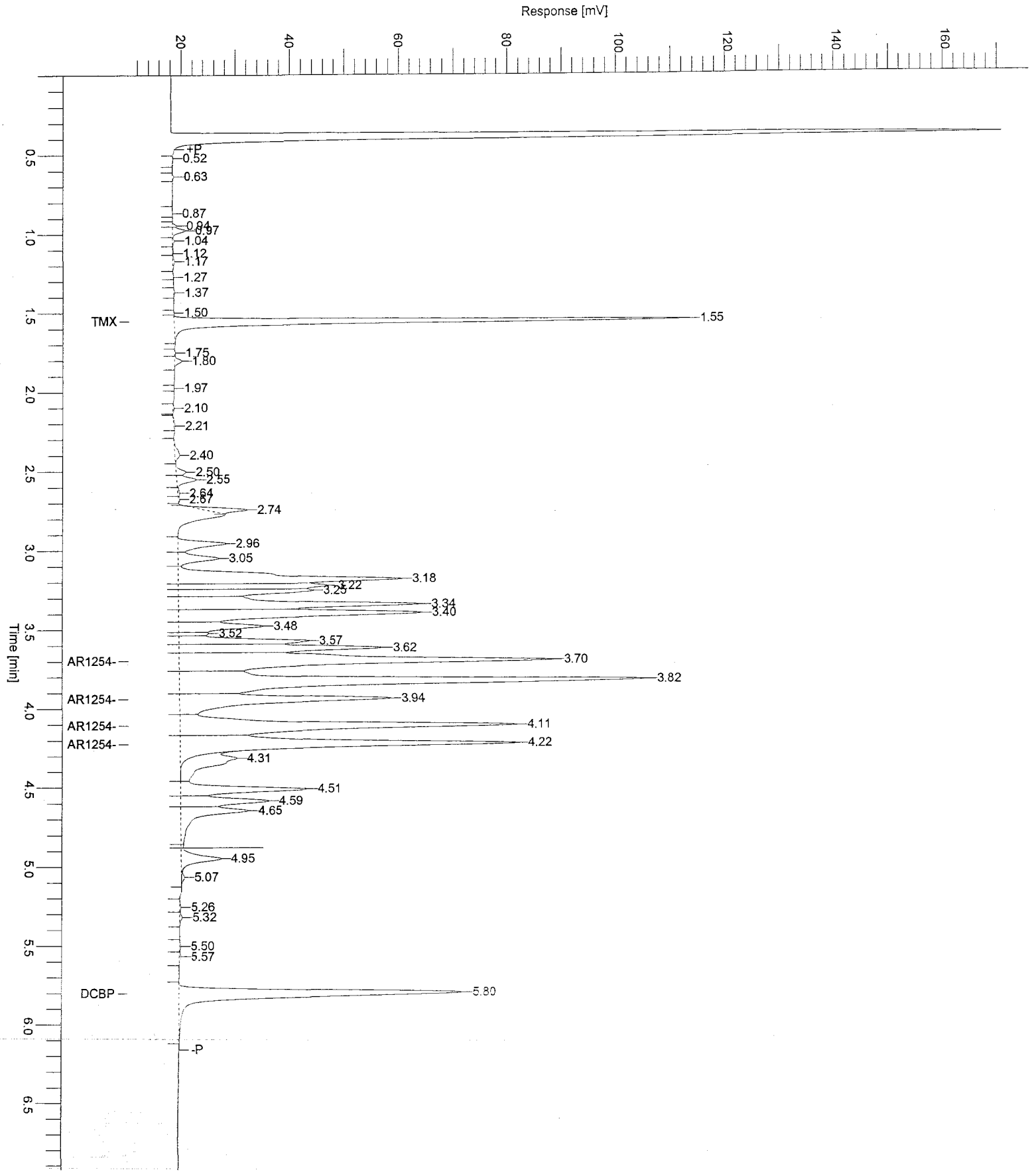
10/5 kk 085

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
27	4.48	BB	290	AR1260-A	-0.0189	-5e-03	4
-	4.65		0	AR1260-B	0.0000	-------	-
29	5.32	BB	807	AR1260-C	-1e-03	-3e-04	4
30	5.57	BB	403	AR1260-D	0.0148	0.0037	4
			1500			-1e-03	

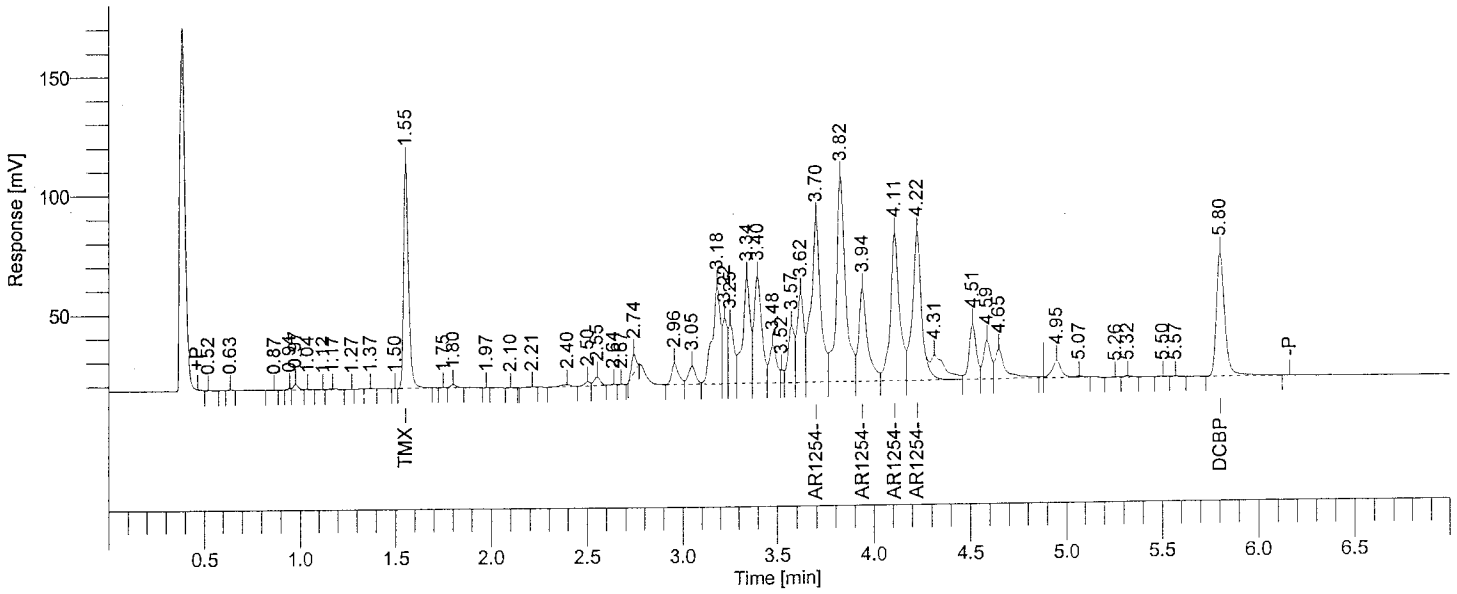
Chromatogram

Sample Name : ICM54WE Sample #: 0.5NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19B72164.raw
Date : 10/05/2006 07:55:07
Method : SDPCBINS Time of Injection: 10/05/2006 00:07:11
Start Time : 0.00 min End Time : 7.00 min Low Point : 10.44 mV High Point : 170.81 mV
Scale Factor: 1.0 Plot Offset: 10.44 mV Plot Scale: 160.4 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 07:55:06
Reprocess Number	: buf2042: 123128		
Operator	: tchrom	Sample Name	: ICM54WE
Sample Number	: 0.5NG	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/05/2006 00:07:11	Cycle	: 21

Raw Data File : H:\TURBO6\5890-19\19B72164.raw <Modified>
Result File : H:\TURBO6\5890-19\19B72164.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B72164.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B72164.rst
Calib Method : h:\turbo6\5890-19\sb54(09-25-06).mth from H:\TURBO6\5890-19\19B72164.rst
Report Format File: h:\turbo6\5890-19\s%d.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
1.55	VB	169316	TMX	0.0319	5.3023e+06	3.3863e+05	6.4	1.48 - 1.62
3.70		771625	AR1254	0.5167	1.4934e+06	1.5433e+06	3.3	3.63 - 3.77
5.80	BB	159357	DCBP	0.0325	4.9097e+06	3.1871e+05	8.2	5.73 - 5.87
		1100298		0.5811		2.2006e+06		

10/5/06

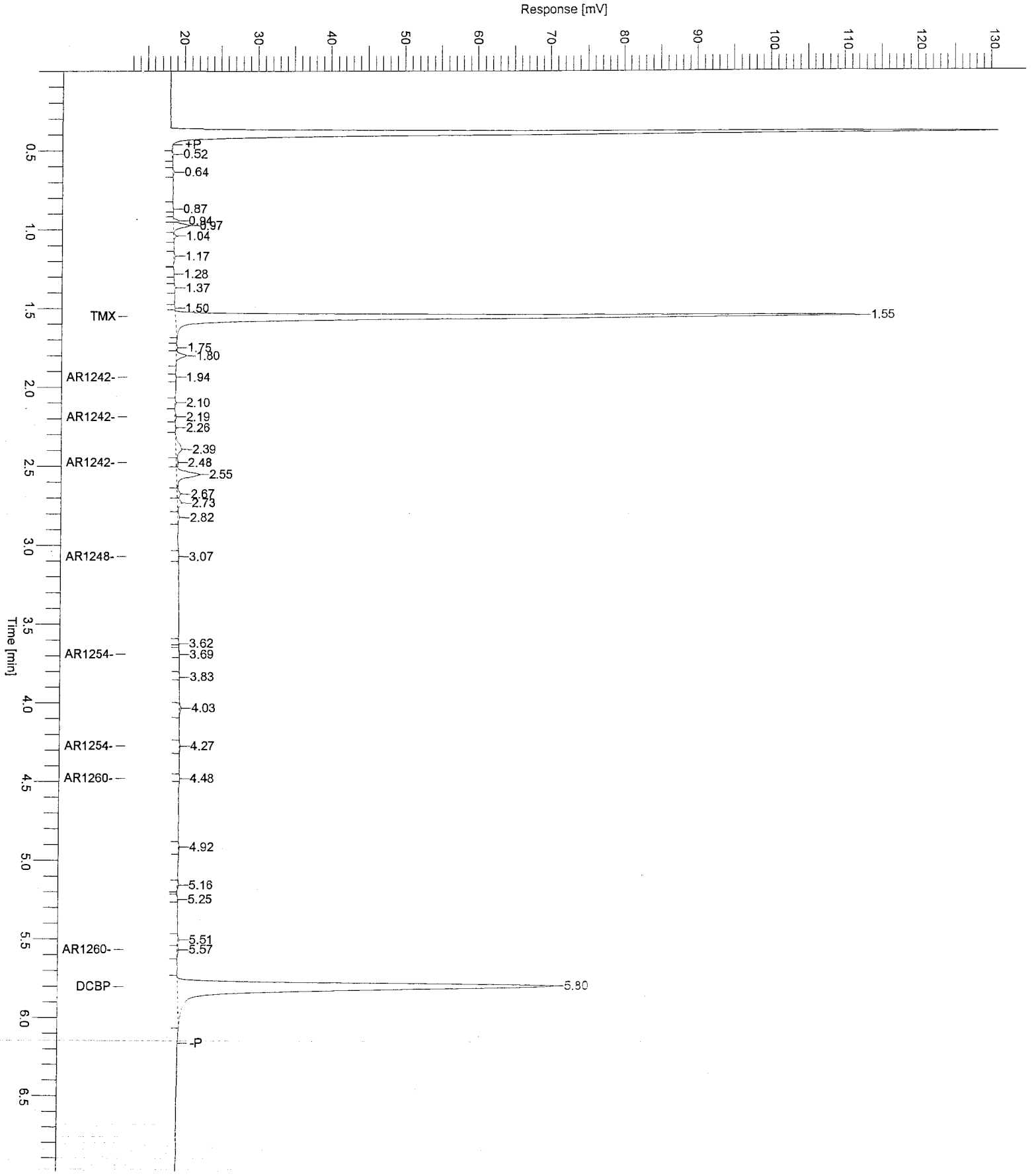
10/05/2006 07:55:06 Result: H:\TURBO6\5890-19\19B72164.rst

Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
3.70	VV	239211	AR1254-A	0.5160	4.6355e+05	4.7842e+05	3.2	3.63 - 3.77
3.94	VV	125316	AR1254-B	0.5329	2.3515e+05	2.5063e+05	6.6	3.87 - 4.01
4.11	VV	202388	AR1254-C	0.5029	4.0242e+05	4.0478e+05	0.6	4.04 - 4.18
4.22	VE	204710	AR1254-D	0.5219	3.9226e+05	4.0942e+05	4.4	4.15 - 4.29
		771625		2.0738		1.5433e+06		

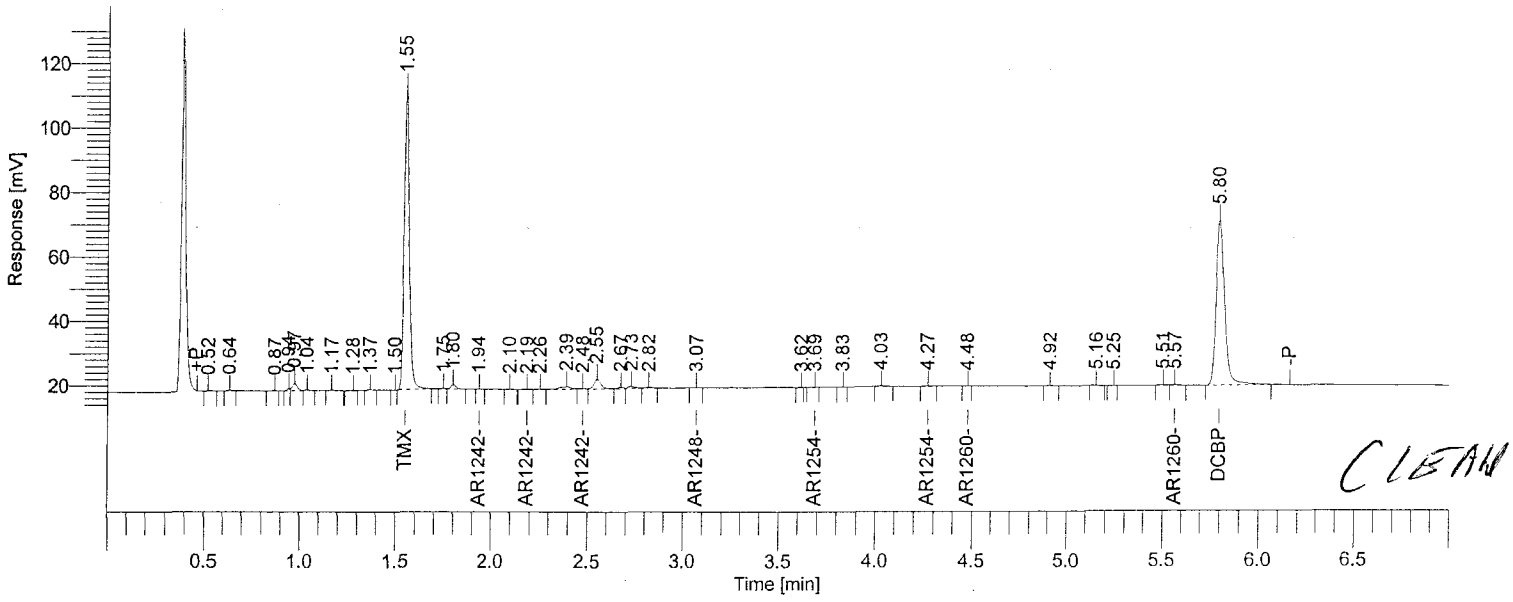
Chromatogram

Sample Name : ICM3KZ Sample #: 0.03NG Page 1 of 1
FileName : H:\TURBO6\5890-19\19B72165.raw
Date : 10/05/2006 07:55:14
Method : SDPCBINS Time of Injection: 10/05/2006 00:26:18
Start Time : 0.00 min End Time : 7.00 min Low Point : 12.37 mV High Point : 130.92 mV
Scale Factor: 1.0 Plot Offset: 12.37 mV Plot Scale: 118.5 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 07:55:13
Reprocess Number	: buf2042: 123130		
Operator	: tchrom	Sample Name	: ICM3KZ
Sample Number	: 0.03NG	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/05/2006 00:26:18	Cycle	: 22

Raw Data File : H:\TURBO6\5890-19\19B72165.raw <Modified>
Result File : H:\TURBO6\5890-19\19B72165.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B72165.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B72165.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(09-25-06).mth from H:\TURBO6\5890-19\19B72165.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
11	1.55	VB	166184	TMX	0.0312	-------	0
36	5.80	BB	156283	DCBP	0.0317	-------	0
			322467			0.0000	

10/5/06 BD

10/05/2006 07:55:13 Result: H:\TURBO6\5890-19\19B72165.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
14	1.94	BB	119	AR1242-A	0.0012	3.0e-04	4
16	2.19	BV	426	AR1242-B	0.0021	5.3e-04	4
19	2.48	VV	743	AR1242-C	0.0020	5.1e-04	4
-	2.61		0	AR1242-D	0.0000	-------	-
			1287			0.0013	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	2.95		0	AR1248-A	0.0000	-------	-
24	3.07	BB	169	AR1248-B	7.1e-04	1.8e-04	4
-	3.18		0	AR1248-C	0.0000	-------	-
-	3.40		0	AR1248-D	0.0000	-------	-
			169			1.8e-04	

10/5/06 DD

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
26	3.69	VB	115	AR1254-A	2.5e-04	6.2e-05	4
-	3.94		0	AR1254-B	0.0000	-------	-
-	4.11		0	AR1254-C	0.0000	-------	-
29	4.27	BB	297	AR1254-D	7.6e-04	1.9e-04	4
			411			2.5e-04	

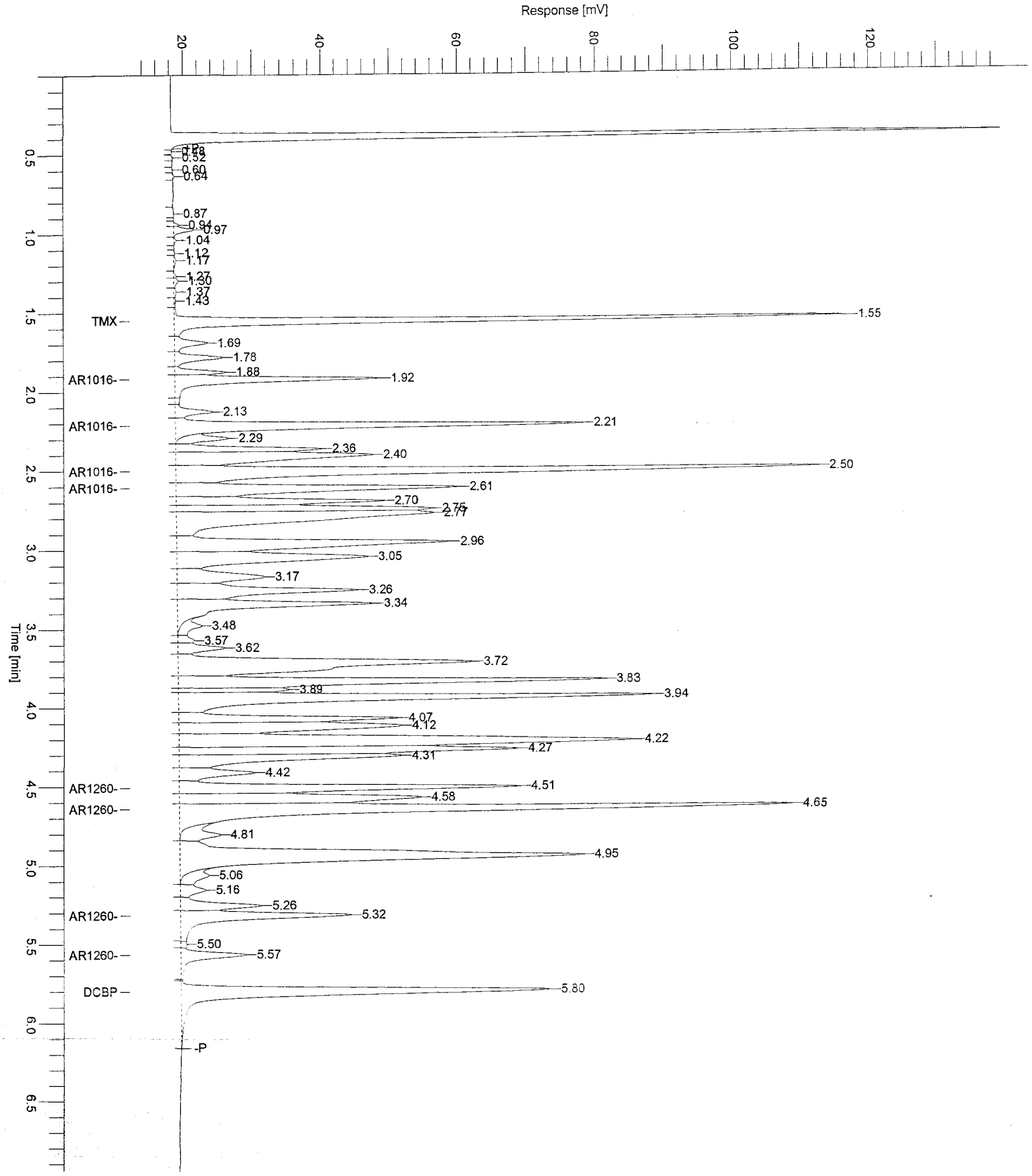
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
30	4.48	BB	74	AR1260-A	-0.0199	-5e-03	4
-	4.65		0	AR1260-B	0.0000	-------	-
-	5.32		0	AR1260-C	0.0000	-------	-
35	5.57	VB	471	AR1260-D	0.0162	0.0041	4
			545			-9e-04	

Chromatogram

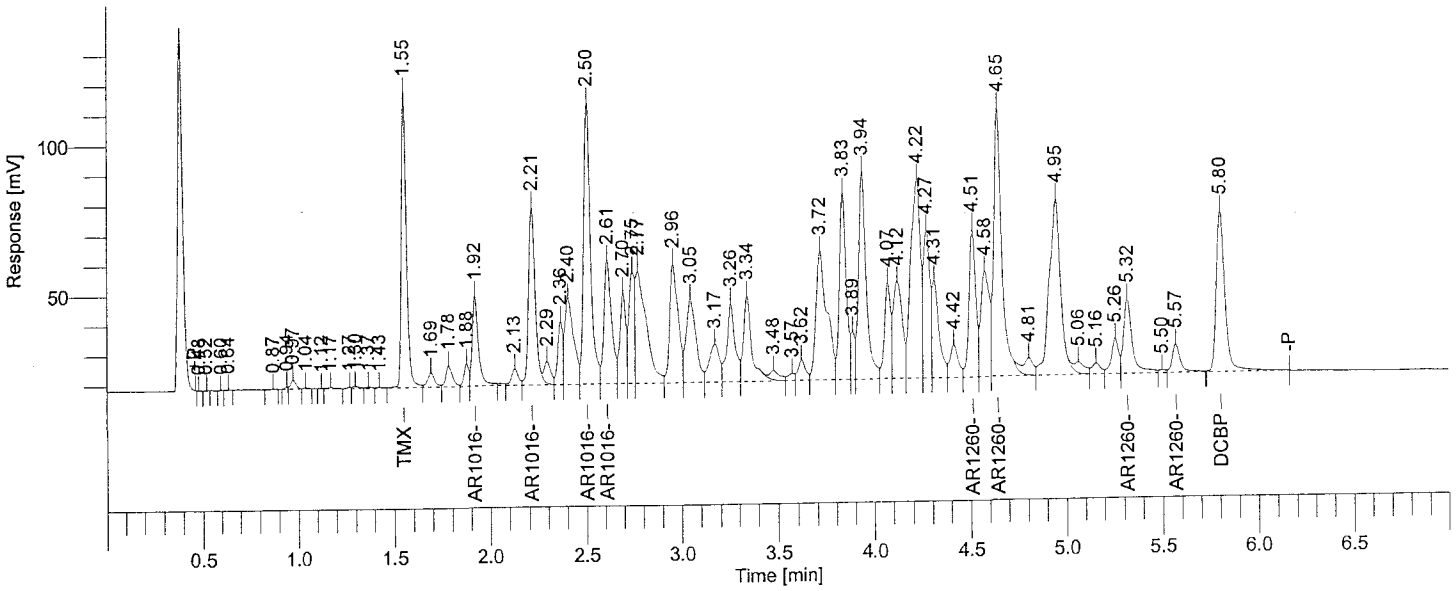
Sample Name : ICM66OK
FileName : H:\TURBO6\5890-19\19B72176.raw
Date : 10/05/2006 09:37:10
Method : SDPCBINS
Start Time : 0.00 min End Time : 7.00 min
Scale Factor: 1.0 Plot Offset: 12.20 mV

Sample #: 0.5NG Page 1 of 1
Time of Injection: 10/05/2006 08:51:41
Low Point : 12.20 mV High Point : 139.38 mV
Plot Scale: 127.2 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 09:37:08
Reprocess Number	: buf2042: 123170		
Operator	: tchrom	Sample Name	: ICM66OK
Sample Number	: 0.5NG	Study	: CCV
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 8000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/05/2006 08:51:41	Cycle	: 4

Raw Data File : H:\TURBO6\5890-19\19B72176.raw <Modified>
Result File : H:\TURBO6\5890-19\19B72176.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B72176.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B72176.rst
Calib Method : h:\turbo6\5890-19\sb66(09-25-06).mth from H:\TURBO6\5890-19\19B72176.rst
Report Format File: h:\turbo6\5890-19\s%d.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Window
1.55	VV	178082	TMX	0.0339	5.2498e+06	3.5616e+05	13.1	1.48	-	1.62
2.50		565027	AR1016	0.5618	1.0057e+06	1.1301e+06	12.4	2.43	-	2.57
4.65		509180	AR1260	0.5888	8.6472e+05	1.0184e+06	17.8	4.58	-	4.72
5.80	*VB	168958	DCBP	0.0348	4.8503e+06	3.3792e+05	16.1	5.73	-	5.87
		1421247		1.2194		2.8425e+06				

10/5/06
GD

10/05/2006 09:37:08 Result: H:\TURBO6\5890-19\19B72176.rst

Group Report For : AR1016

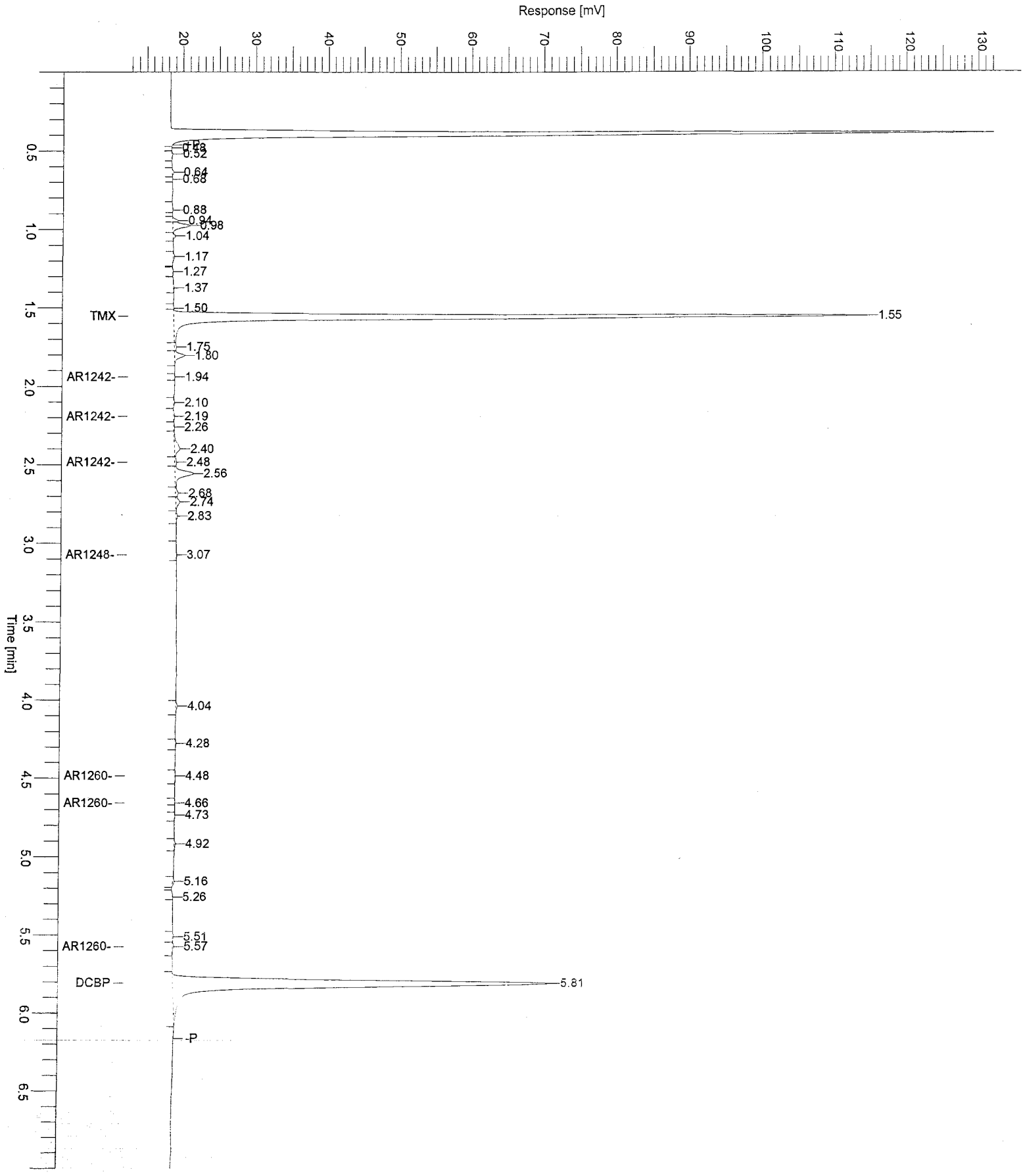
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
1.92	VV	69349	AR1016-A	0.5771	1.2017e+05	1.3870e+05	15.4	1.85 - 1.99
2.21	VE	140094	AR1016-B	0.5673	2.4696e+05	2.8019e+05	13.5	2.14 - 2.28
2.50	VV	240554	AR1016-C	0.5496	4.3768e+05	4.8111e+05	9.9	2.43 - 2.57
2.61	VV	115030	AR1016-D	0.5720	2.0109e+05	2.3006e+05	14.4	2.54 - 2.68
		565027		2.2660		1.1301e+06		

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
4.51	VV	121392	AR1260-A	0.5673	2.1399e+05	2.4278e+05	13.5	4.44 - 4.58
4.65	VE	282355	AR1260-B	0.5947	4.7481e+05	5.6471e+05	18.9	4.58 - 4.72
5.32	VV	76802	AR1260-C	0.5897	1.3023e+05	1.5360e+05	17.9	5.25 - 5.39
5.57	VV	28631	AR1260-D	0.6241	45878.7098	57261.8293	24.8	5.50 - 5.64
		509180		2.3757		1.0184e+06		

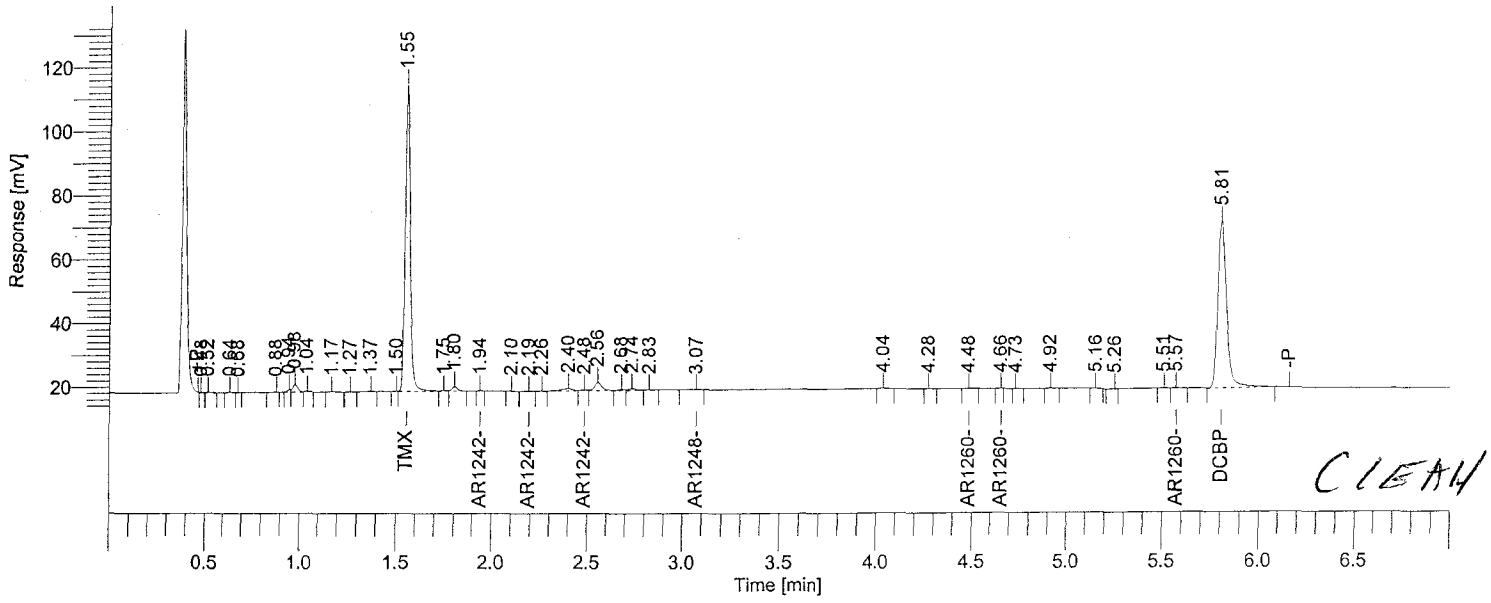
Chromatogram

Sample Name : ICM3KZ
Sample #: 0.03NG
Page 1 of 1
FileName : H:\TURBO6\5890-19\19B72177.raw
Date : 10/05/2006 09:37:15
Method : SDPCBINS
Time of Injection: 10/05/2006 09:13:44
Start Time : 0.00 min
End Time : 7.00 min
Low Point : 12.51 mV
High Point : 132.11 mV
Scale Factor: 1.0
Plot Offset: 12.51 mV
Plot Scale: 119.6 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 09:37:14
Reprocess Number	: buf2042: 123172		
Operator	: tchrom	Sample Name	: ICM3KZ
Sample Number	: 0.03NG	Study	: IBLK
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/05/2006 09:13:44	Cycle	: 5

Raw Data File : H:\TURBO6\5890-19\19B72177.raw <Modified>
Result File : H:\TURBO6\5890-19\19B72177.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B72177.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B72177.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(09-25-06).mth from H:\TURBO6\5890-19\19B72177.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



CIEAH

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
13	1.55	VV	172993	TMX	0.0328	-------	0
37	5.81	BB	161474	DCBP	0.0330	-------	0
			334467			0.0000	

10/5/06

10/05/2006 09:37:14 Result: H:\TURBO6\5890-19\19B72177.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
16	1.94	BB	106	AR1242-A	0.0011	2.7e-04	4
18	2.19	BV	445	AR1242-B	0.0022	5.5e-04	4
21	2.48	VV	736	AR1242-C	0.0020	5.1e-04	4
-	2.61		0	AR1242-D	0.0000	-------	-
			1287			0.0013	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	2.95		0	AR1248-A	0.0000	-------	-
26	3.07	BB	195	AR1248-B	8.2e-04	2.1e-04	4
-	3.18		0	AR1248-C	0.0000	-------	-
-	3.40		0	AR1248-D	0.0000	-------	-
			195			2.1e-04	

10/5/06 BTD

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	3.70		0	AR1254-A	0.0000	-------	-
-	3.94		0	AR1254-B	0.0000	-------	-
-	4.11		0	AR1254-C	0.0000	-------	-
-	4.22		0	AR1254-D	0.0000	-------	-
			0			0.0000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
29	4.48	BB	234	AR1260-A	-0.0192	-5e-03	4
30	4.66	BB	28	AR1260-B	-0.0272	-7e-03	4
-	5.32		0	AR1260-C	0.0000	-------	-
36	5.57	VB	472	AR1260-D	0.0163	0.0041	4
			734			-8e-03	

Raw QC Data

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

Method Blank

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B2746402

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 19A72155.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: _____ _____

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 10/04/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/04/2006

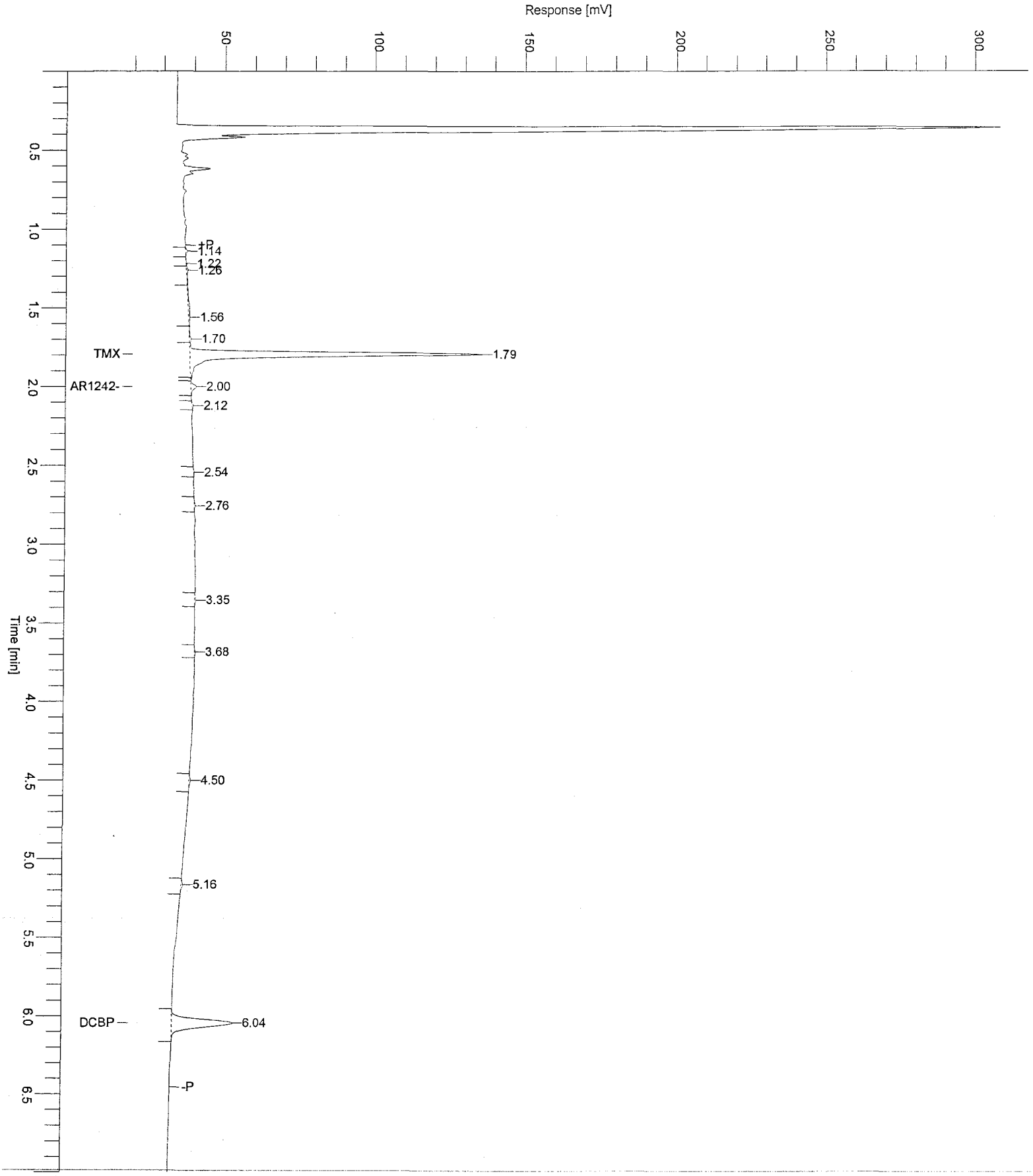
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.50	U
11104-28-2	Aroclor 1221	0.50	U
11141-16-5	Aroclor 1232	0.50	U
53469-21-9	Aroclor 1242	0.50	U
12672-29-6	Aroclor 1248	0.50	U
11097-69-1	Aroclor 1254	0.50	U
11096-82-5	Aroclor 1260	0.50	U

Chromatogram

Sample Name : AW60032444MBLK Sample #: A6B2746402 Page 1 of 1
FileName : H:\TURBO6\5890-19\19A72155.raw
Date : 10/05/2006 07:53:42
Method : SDPCBINS Time of Injection: 10/04/2006 21:13:52
Start Time : 0.00 min End Time : 7.00 min Low Point : 19.65 mV High Point : 308.29 mV
Scale Factor: 1.0 Plot Offset: 19.65 mV Plot Scale: 288.6 mV



10/05/2006 07:53:40 Result: H:\TURBO6\5890-19\19A72155.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
7	2.00	VB	3581	AR1242-A	0.0173	0.0043	4
-	2.33		0	AR1242-B	0.0000	-------	-
-	2.46		0	AR1242-C	0.0000	-------	-
-	2.65		0	AR1242-D	0.0000	-------	-
			3581			0.0043	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	2.90		0	AR1248-A	0.0000	-------	-
-	3.06		0	AR1248-B	0.0000	-------	-
-	3.14		0	AR1248-C	0.0000	-------	-
-	3.21		0	AR1248-D	0.0000	-------	-
			0			0.0000	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	3.74		0	AR1254-A	0.0000	-------	-
-	3.81		0	AR1254-B	0.0000	-------	-
-	4.36		0	AR1254-C	0.0000	-------	-
-	4.56		0	AR1254-D	0.0000	-------	-
			0			0.0000	

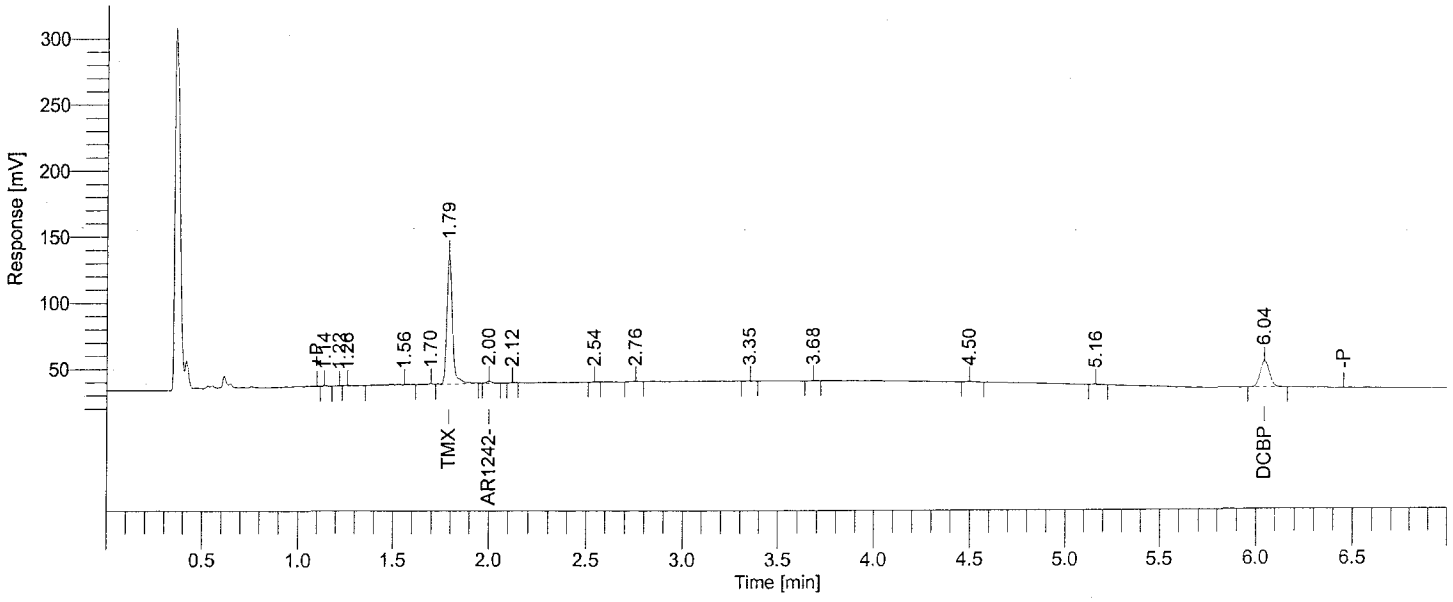
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	4.85		0	AR1260-A	0.0000	-------	-
-	5.06		0	AR1260-B	0.0000	-------	-
-	5.37		0	AR1260-C	0.0000	-------	-
-	5.50		0	AR1260-D	0.0000	-------	-
			0			0.0000	

10-5-06

Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 07:53:40
Reprocess Number	: buf2042: 123109		
Operator	: tchrom	Sample Name	: AW60032444MBLK
Sample Number	: A6B2746402	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/04/2006 21:13:52	Cycle	: 12

Raw Data File : H:\TURBO6\5890-19\19A72155.raw <Modified>
Result File : H:\TURBO6\5890-19\19A72155.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A72155.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A72155.rst
Calib Method : h:\turbo6\5890-19\sa-4pcb(09-25-06).mth from H:\TURBO6\5890-19\19A72155.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq

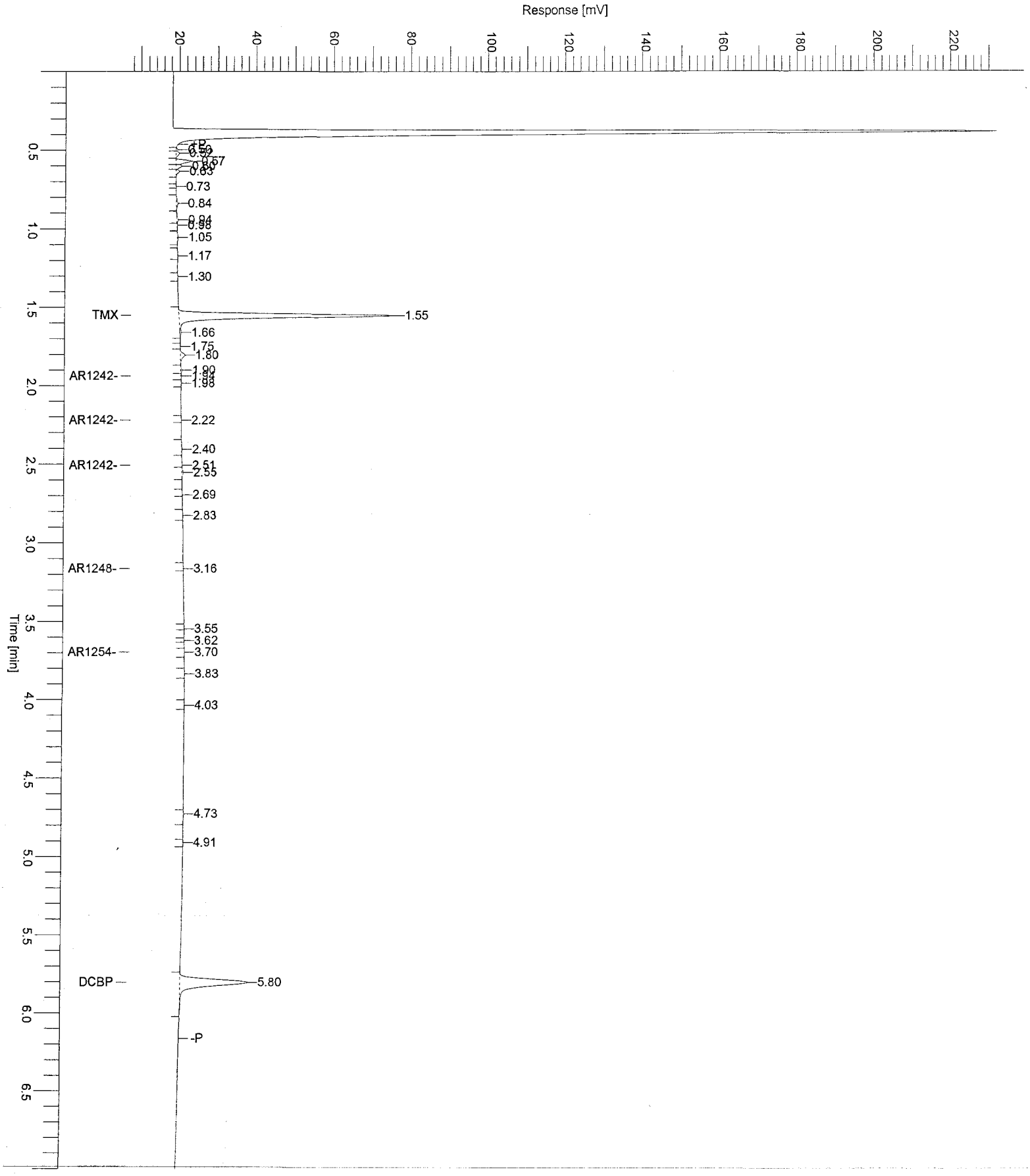


Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
6	1.79	VV	197352	TMX	0.0168	-------	0
15	6.04	BB	67046	DCBP	0.0077	-------	0
			264398			0.0000	

AB 10-5-06

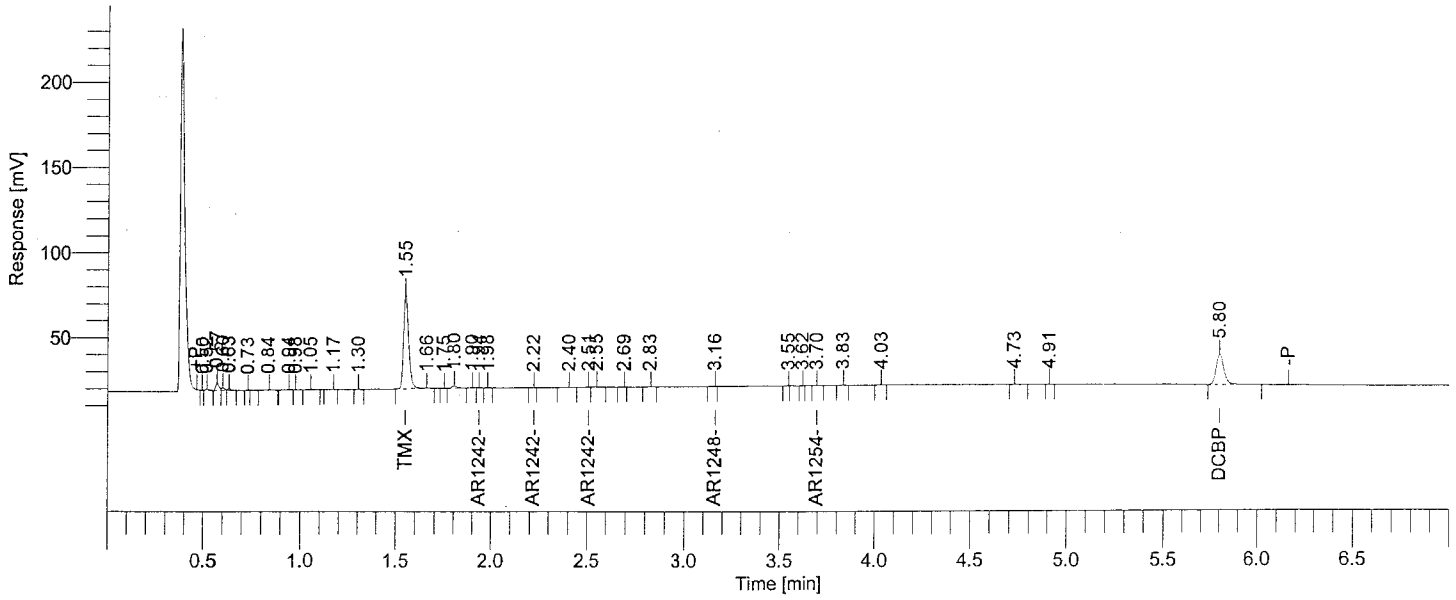
Chromatogram

Sample Name : AW60032444MBLK Sample #: A6B2746402 Page 1 of 1
FileName : H:\TURBO6\5890-19\19B72155.raw
Date : 10/05/2006 07:53:47
Method : SDPCBINS Time of Injection: 10/04/2006 21:13:52
Start Time : 0.00 min End Time : 7.00 min Low Point : 7.48 mV High Point : 231.94 mV
Scale Factor: 1.0 Plot Offset: 7.48 mV Plot Scale: 224.5 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 07:53:45
Reprocess Number	: buf2042: 123110		
Operator	: tchrom	Sample Name	: AW60032444MBLK
Sample Number	: A6B2746402	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/04/2006 21:13:52	Cycle	: 12

Raw Data File : H:\TURBO6\5890-19\19B72155.raw <Modified>
Result File : H:\TURBO6\5890-19\19B72155.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B72155.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B72155.rst
Calib Method : h:\turbo6\5890-19\sb-4pcb(09-25-06).mth from H:\TURBO6\5890-19\19B72155.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc	AVG NG CONC (4 peaks)	# PEAKS USED
13	1.55	BE	98690	TMX	0.0173	-------	0
34	5.80	BB	51138	DCBP	0.0086	-------	0
			149828			0.0000	

10-5-06

10/05/2006 07:53:45 Result: H:\TURBO6\5890-19\19B72155.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
18	1.94	VV	296	AR1242-A	0.0030	7.4e-04	4
20	2.22	BB	61	AR1242-B	3.0e-04	7.6e-05	4
22	2.51	VV	223	AR1242-C	6.1e-04	1.5e-04	4
-	2.61		0	AR1242-D	0.0000	-------	-
			580			9.7e-04	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	2.95		0	AR1248-A	0.0000	-------	-
-	3.05		0	AR1248-B	0.0000	-------	-
26	3.16	BB	57	AR1248-C	1.6e-04	4.0e-05	4
-	3.40		0	AR1248-D	0.0000	-------	-
			57			4.0e-05	

10.5.06

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
29	3.70	BB	104	AR1254-A	2.2e-04	5.6e-05	4
-	3.94		0	AR1254-B	0.0000	-------	-
-	4.11		0	AR1254-C	0.0000	-------	-
-	4.22		0	AR1254-D	0.0000	-------	-
			104			5.6e-05	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	4.51		0	AR1260-A	0.0000	-------	-
-	4.65		0	AR1260-B	0.0000	-------	-
-	5.32		0	AR1260-C	0.0000	-------	-
-	5.57		0	AR1260-D	0.0000	-------	-
			0			0.0000	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

Matrix Spike Blank

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B2746401

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 19A72154.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: _____ _____

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 10/04/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/04/2006

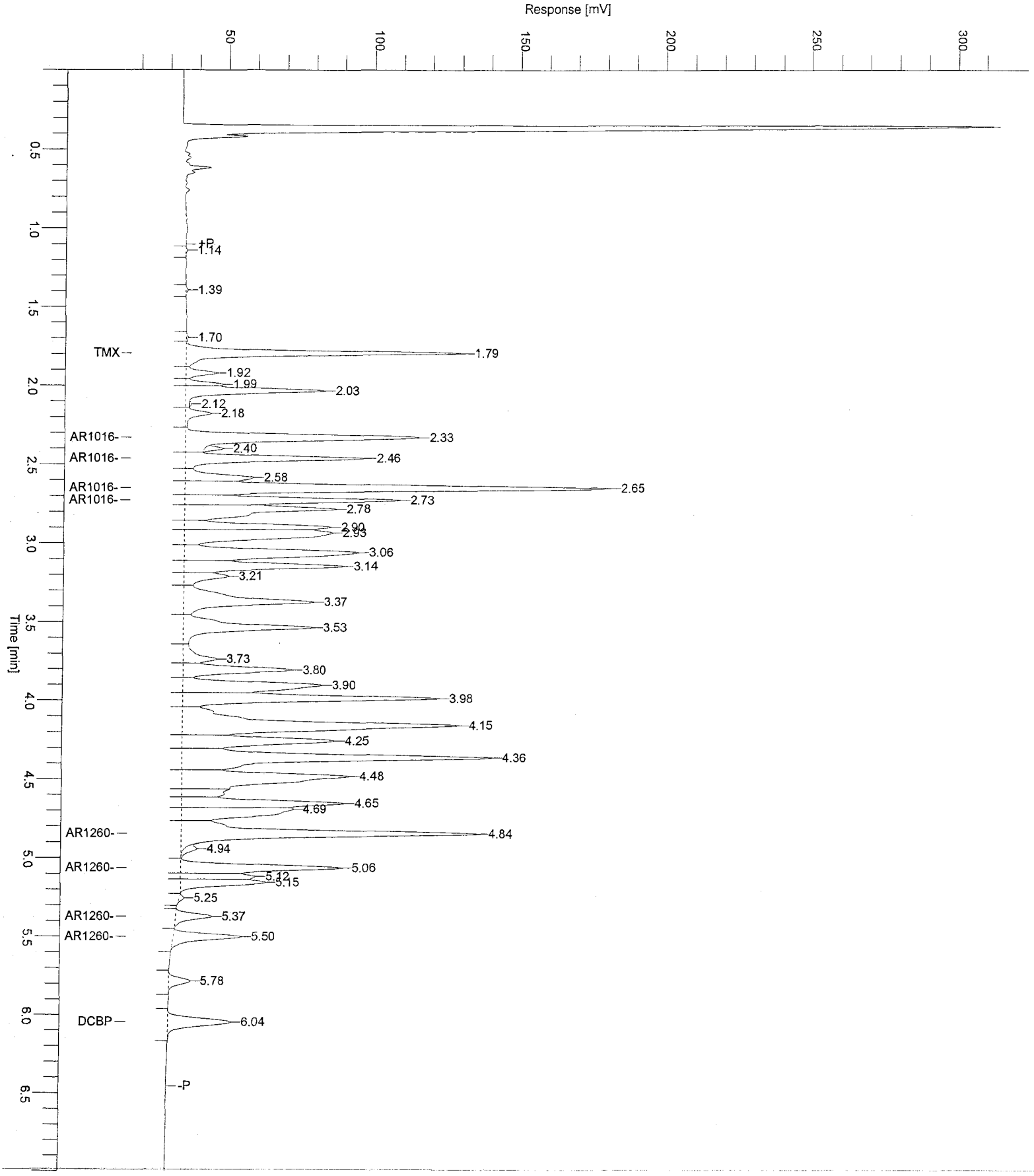
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	4.7	
11104-28-2	Aroclor 1221	0.50	U
11141-16-5	Aroclor 1232	0.50	U
53469-21-9	Aroclor 1242	0.50	U
12672-29-6	Aroclor 1248	0.50	U
11097-69-1	Aroclor 1254	0.50	U
11096-82-5	Aroclor 1260	3.8	

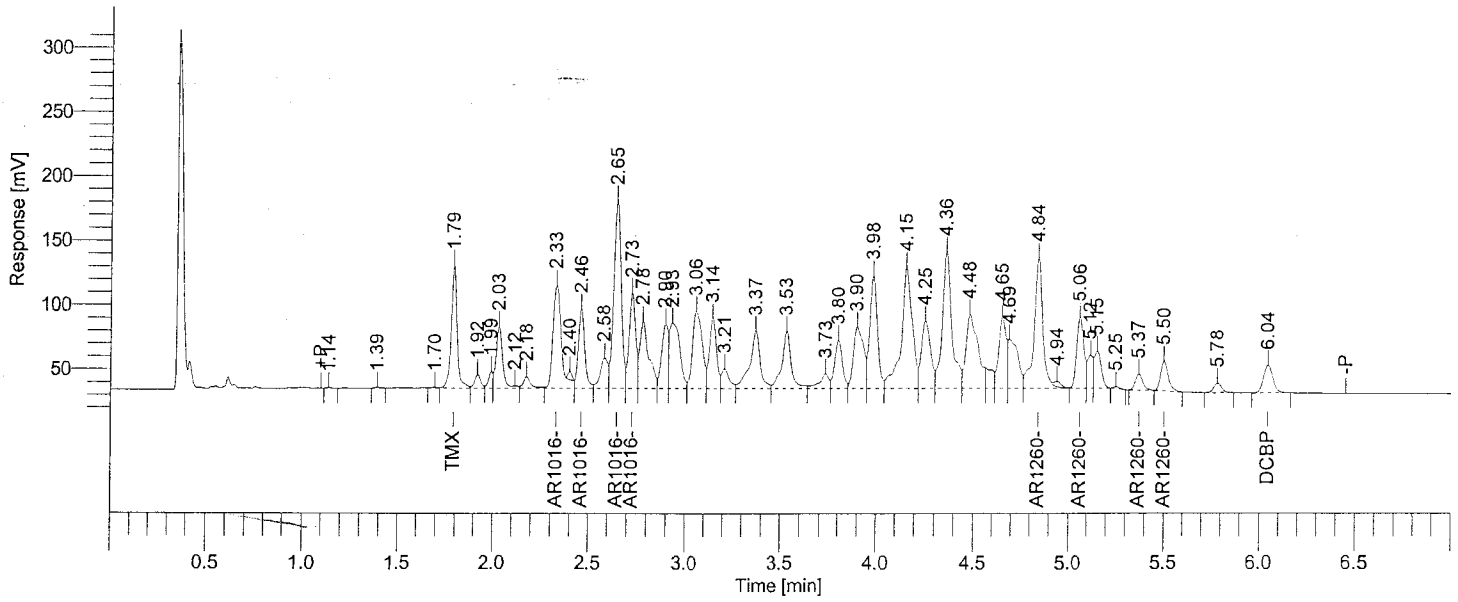
Chromatogram

Sample Name : AW60032443MSB Sample #: A6B2746401 Page 1 of 1
FileName : H:\TURBO6\5890-19\19A72154.raw
Date : 10/05/2006 07:53:32
Method : SDPCBINS Time of Injection: 10/04/2006 20:54:36
Start Time : 0.00 min End Time : 7.00 min Low Point : 16.90 mV High Point : 314.31 mV
Scale Factor: 1.0 Plot Offset: 16.90 mV Plot Scale: 297.4 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 07:53:31
Reprocess Number	: buf2042: 123107		
Operator	: tchrom	Sample Name	: AW60032443MSB
Sample Number	: A6B2746401	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/04/2006 20:54:36	Cycle	: 11

Raw Data File : H:\TURBO6\5890-19\19A72154.raw <Modified>
Result File : H:\TURBO6\5890-19\19A72154.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A72154.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A72154.rst
Calib Method : h:\turbo6\5890-19\sa66(09-25-06).mth from H:\TURBO6\5890-19\19A72154.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
4	1.79	VV	203422	TMX	0.0174	-------	0
	2.65		947944	AR1016	0.4699	0.1175	4
	4.84		576047	AR1260	0.3972	0.0993	4
43	6.04	BB	73100	DCBP	0.0086	-------	0
			1800514			0.2168	

AS 10-5-06

10/05/2006 07:53:31 Result: H:\TURBO6\5890-19\19A72154.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
10	2.33	VE	242902	AR1016-A	0.4747	0.1187	4
12	2.46	VV	147998	AR1016-B	0.4829	0.1207	4
14	2.65	VV	383855	AR1016-C	0.4631	0.1158	4
15	2.73	VV	173189	AR1016-D	0.4678	0.1169	4
			947944			0.4721	

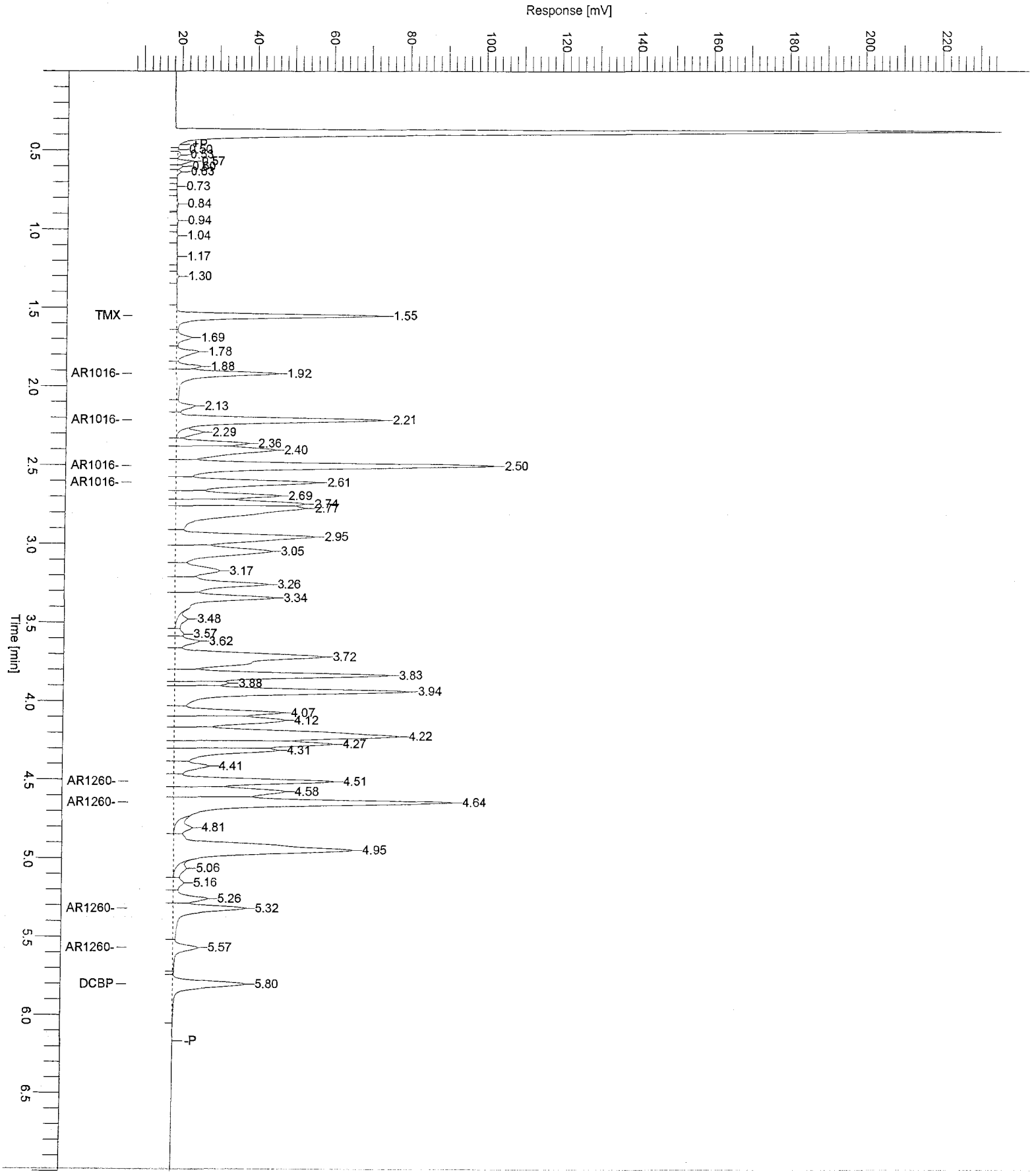
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
34	4.84	VE	329082	AR1260-A	0.4083	0.1021	4
36	5.06	VV	149212	AR1260-B	0.3996	0.0999	4
40	5.37	BB	33273	AR1260-C	0.3505	0.0876	4
41	5.50	BB	64480	AR1260-D	0.3654	0.0914	4
			576047			0.3810	

10-5-06

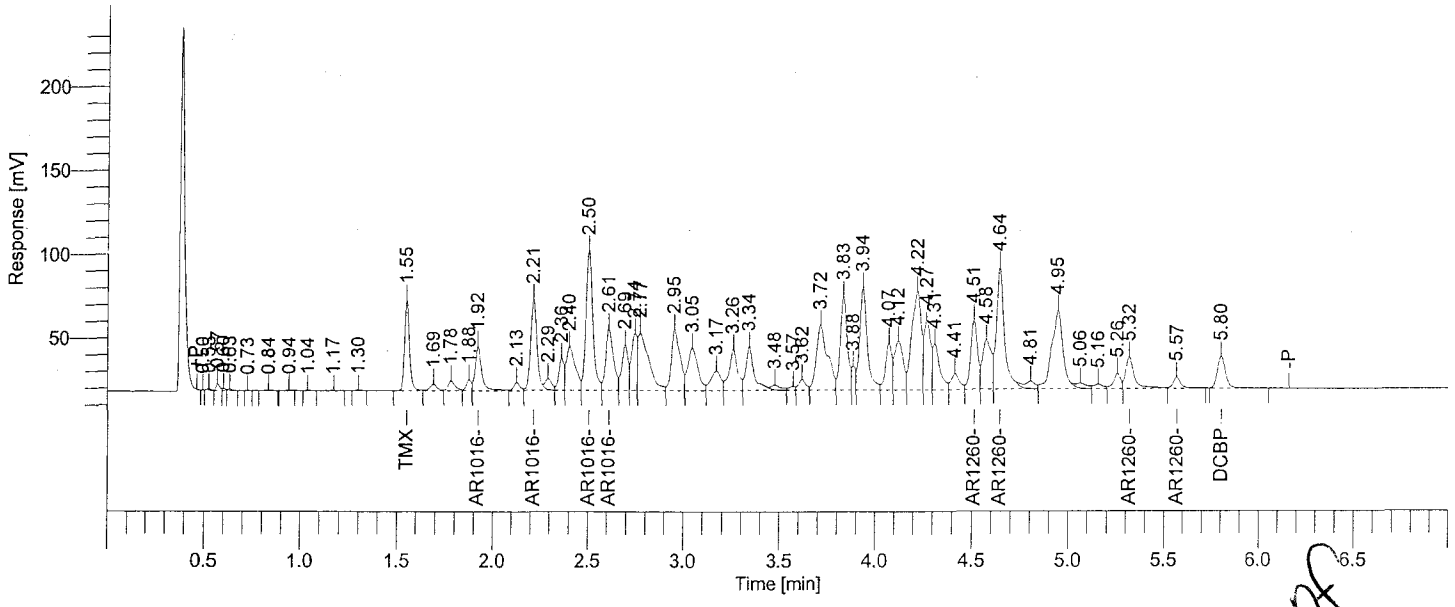
Chromatogram

Sample Name : AW60032443MSB Sample #: A6B2746401 Page 1 of 1
FileName : H:\TURBO6\5890-19\19B72154.raw
Date : 10/05/2006 07:53:37
Method : SDPCBINS Time of Injection: 10/04/2006 20:54:36
Start Time : 0.00 min End Time : 7.00 min Low Point : 7.28 mV High Point : 235.28 mV
Scale Factor: 1.0 Plot Offset: 7.28 mV Plot Scale: 228.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 07:53:36
Reprocess Number	: buf2042: 123108		
Operator	: tchrom	Sample Name	: AW60032443MSB
Sample Number	: A6B2746401	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/04/2006 20:54:36	Cycle	: 11

Raw Data File : H:\TURBO6\5890-19\19B72154.raw <Modified>
Result File : H:\TURBO6\5890-19\19B72154.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B72154.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B72154.rst
Calib Method : h:\turbo6\5890-19\sb66(09-25-06).mth from H:\TURBO6\5890-19\19B72154.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



conf

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
12	1.55	BV	97573	TMX	0.0171	-------	0
	2.50		505170	AR1016	0.4955	0.1239	4
	4.64		412733	AR1260	0.4672	0.1168	4
55	5.80	VB	56410	DCBP	0.0097	-------	0
			1071885			0.2407	

AJ 10-5-06

10/05/2006 07:53:36 Result: H:\TURBO6\5890-19\19B72154.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
16	1.92	VV	64422	AR1016-A	0.5321	0.1330	4
18	2.21	VE	126979	AR1016-B	0.5076	0.1269	4
22	2.50	VV	210057	AR1016-C	0.4716	0.1179	4
23	2.61	VV	103711	AR1016-D	0.5100	0.1275	4
			505170			0.5053	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
45	4.51	VV	102271	AR1260-A	0.4692	0.1173	4
47	4.64	VE	231563	AR1260-B	0.4768	0.1192	4
53	5.32	VV	59170	AR1260-C	0.4458	0.1114	4
54	5.57	VV	19729	AR1260-D	0.4249	0.1062	4
			412733			0.4542	

10-5-06

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-02-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B30504MS

Sample wt/vol: 1035.00 (g/mL) ML Lab File ID: 19A72160.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 09/27/2006 09/29/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 10/04/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/04/2006

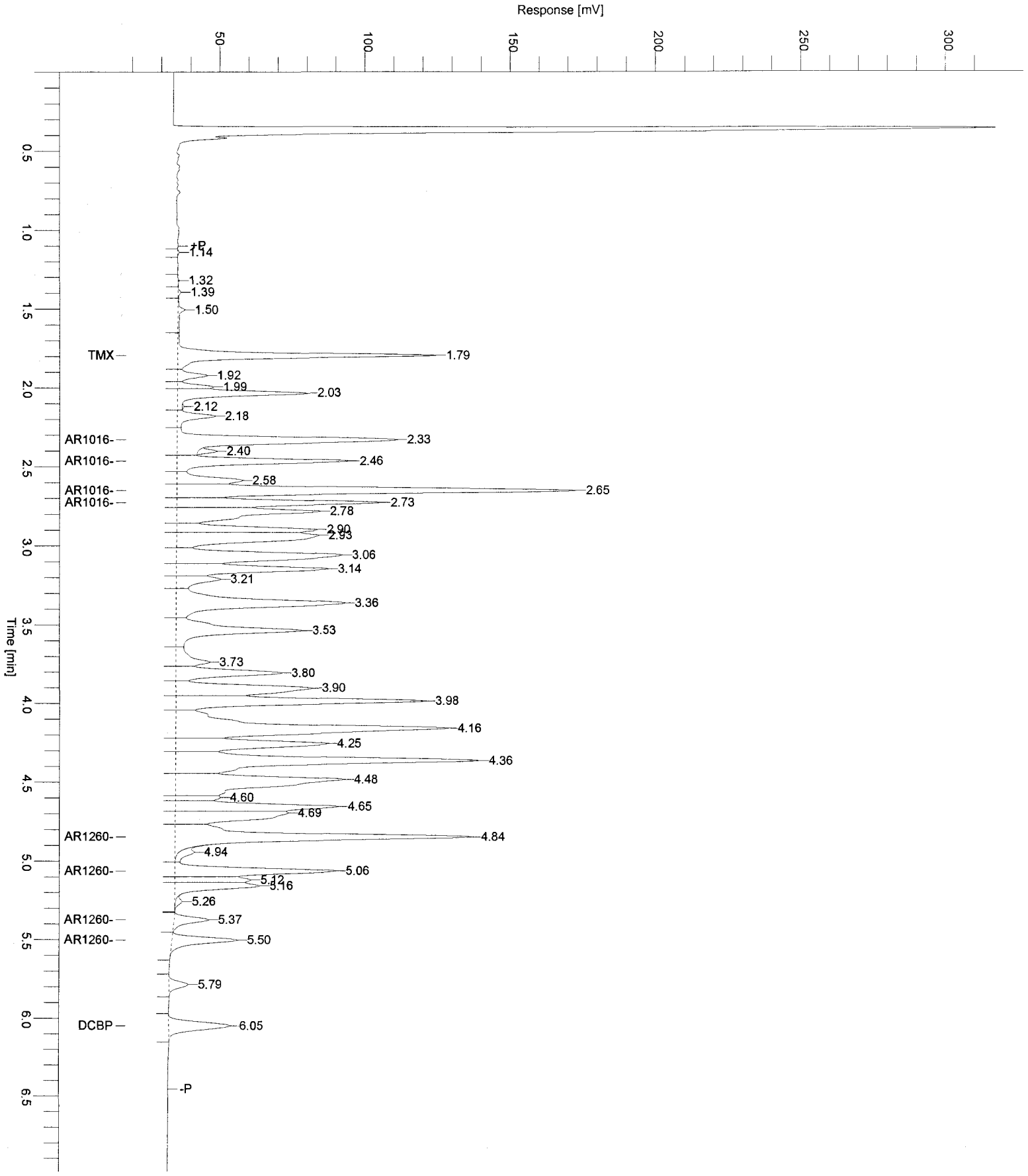
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	4.4	
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	3.7	

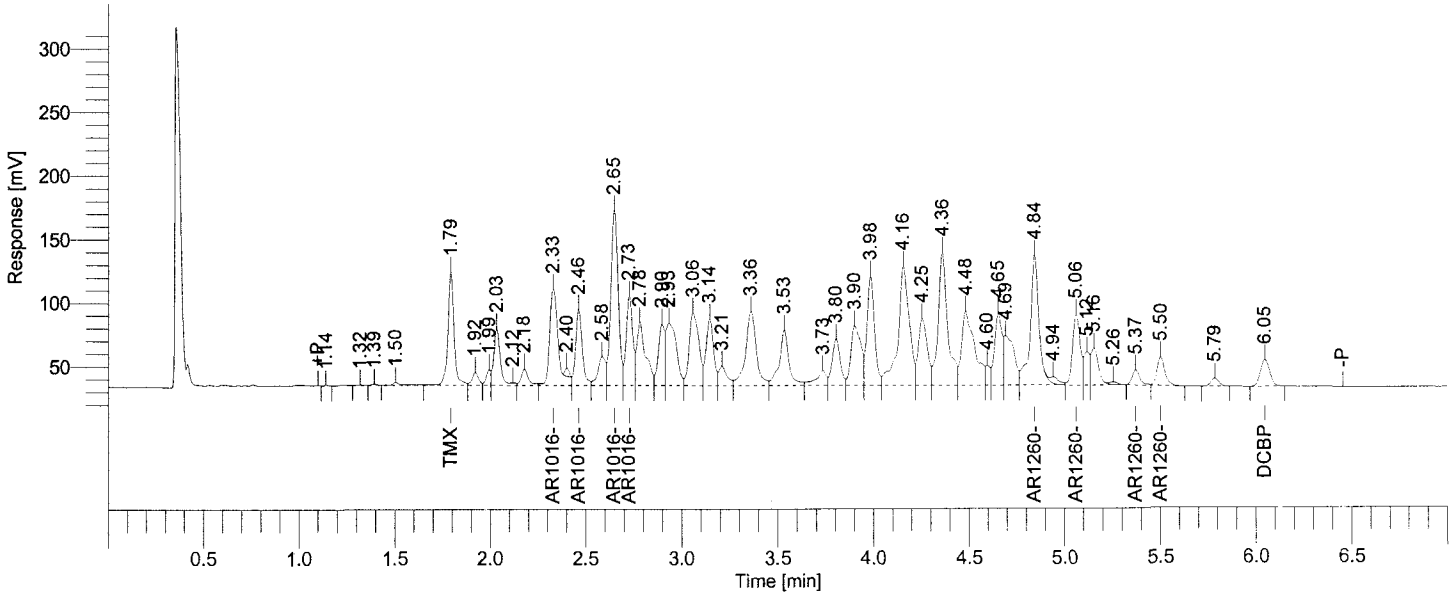
Chromatogram

Sample Name : AW60032449MS Sample #: A6B30504MS Page 1 of 1
FileName : H:\TURBO6\5890-19\19A72160.raw
Date : 10/05/2006 07:54:31
Method : SDPCBINS Time of Injection: 10/04/2006 22:50:14
Start Time : 0.00 min End Time : 7.00 min Low Point : 17.57 mV High Point : 317.20 mV
Scale Factor: 1.0 Plot Offset: 17.57 mV Plot Scale: 299.6 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 07:54:30
Reprocess Number	: buf2042: 123119		
Operator	: tchrom	Sample Name	: AW60032449MS
Sample Number	: A6B30504MS	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/04/2006 22:50:14	Cycle	: 17

Raw Data File : H:\TURBO6\5890-19\19A72160.raw <Modified>
Result File : H:\TURBO6\5890-19\19A72160.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A72160.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A72160.rst
Calib Method : h:\turbo6\5890-19\sa66(09-25-06).mth from H:\TURBO6\5890-19\19A72160.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
5	1.79	VV	198775	TMX	0.0169	-------	0
	2.65		910368	AR1016	0.4485	0.1121	4
	4.84		586896	AR1260	0.4054	0.1014	4
45	6.05	BB	71439	DCBP	0.0083	-------	0
			1767479			0.2135	

10-6-06

10/05/2006 07:54:30 Result: H:\TURBO6\5890-19\19A72160.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
11	2.33	VE	236622	AR1016-A	0.4604	0.1151	4
13	2.46	VV	145018	AR1016-B	0.4717	0.1179	4
15	2.65	VV	363067	AR1016-C	0.4349	0.1087	4
16	2.73	VV	165661	AR1016-D	0.4441	0.1110	4
			910368			0.4528	

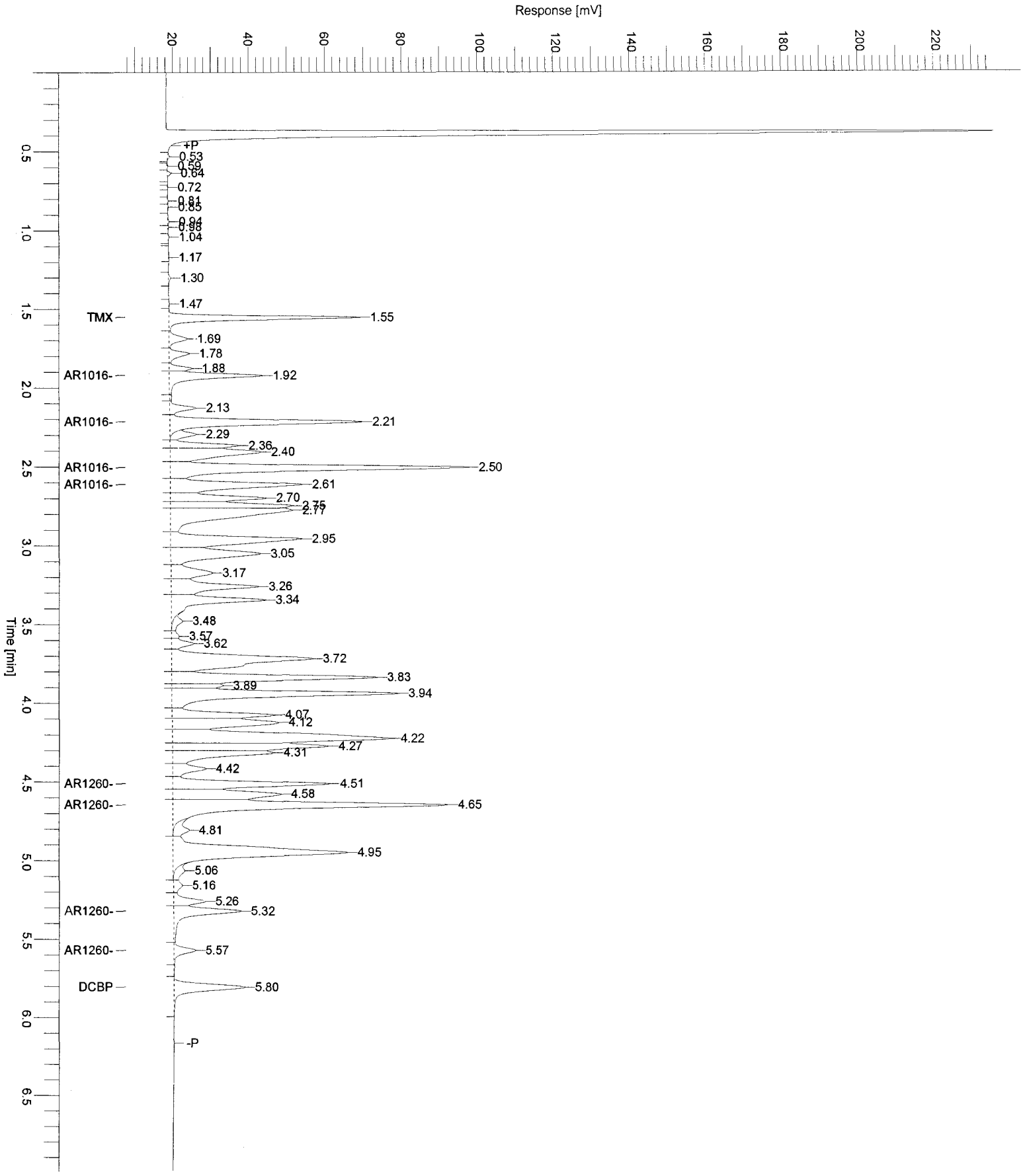
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
36	4.84	VE	337713	AR1260-A	0.4200	0.1050	4
38	5.06	VV	154542	AR1260-B	0.4152	0.1038	4
42	5.37	BV	32080	AR1260-C	0.3368	0.0842	4
43	5.50	VB	62562	AR1260-D	0.3530	0.0883	4
			586896			0.3813	

10-6-06

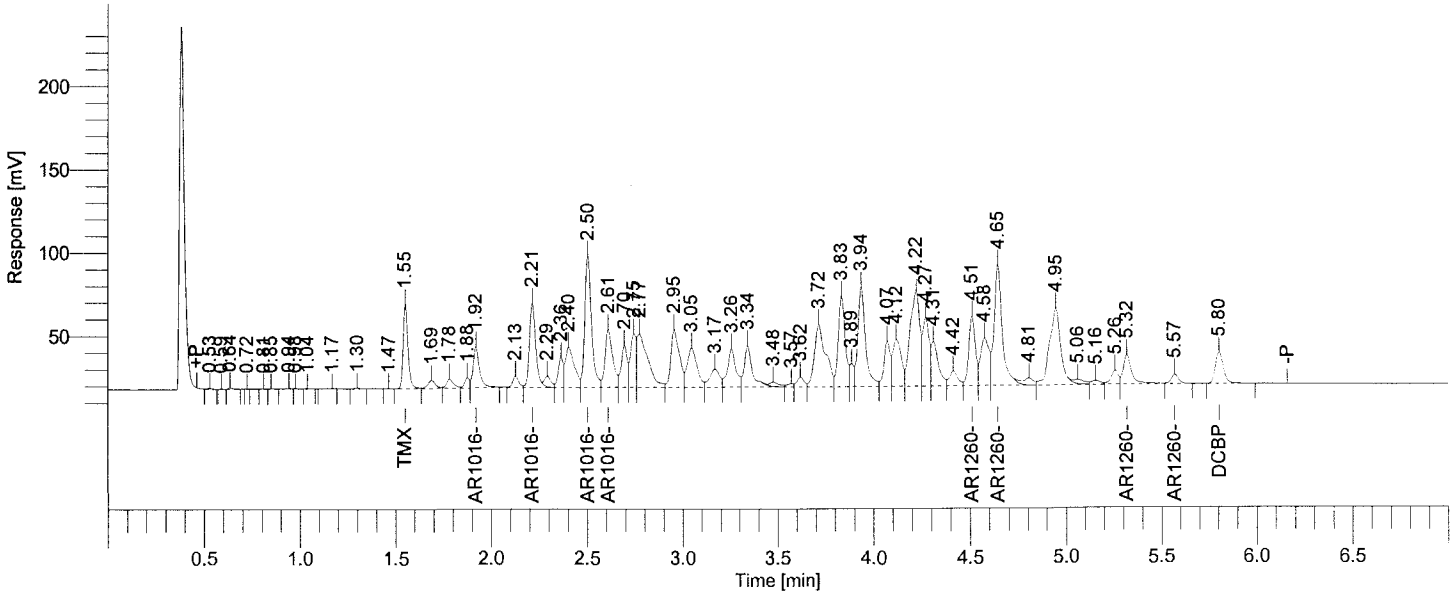
Chromatogram

Sample Name : AW60032449MS Sample #: A6B30504MS Page 1 of 1
FileName : H:\TURBO6\5890-19\19B72160.raw
Date : 10/05/2006 07:54:35
Method : SDPCBINS Time of Injection: 10/04/2006 22:50:14
Start Time : 0.00 min End Time : 7.00 min Low Point : 7.28 mV High Point : 235.92 mV
Scale Factor: 1.0 Plot Offset: 7.28 mV Plot Scale: 228.6 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 07:54:34
Reprocess Number	: buf2042: 123120		
Operator	: tchrom	Sample Name	: AW60032449MS
Sample Number	: A6B30504MS	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/04/2006 22:50:14	Cycle	: 17

Raw Data File : H:\TURBO6\5890-19\19B72160.raw <Modified>
Result File : H:\TURBO6\5890-19\19B72160.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B72160.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B72160.rst
Calib Method : h:\turbo6\5890-19\sb66(09-25-06).mth from H:\TURBO6\5890-19\19B72160.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
13	1.55	VV	89584	TMX	0.0155	-------	0
	2.50		468634	AR1016	0.4556	0.1139	4
	4.65		395493	AR1260	0.4458	0.1114	4
56	5.80	VB	54680	DCBP	0.0093	-------	0
			1008390			0.2253	

10-16-06

10/05/2006 07:54:34 Result: H:\TURBO6\5890-19\19B72160.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
17	1.92	VV	57506	AR1016-A	0.4699	0.1175	4
19	2.21	VE	118011	AR1016-B	0.4674	0.1168	4
23	2.50	VV	196241	AR1016-C	0.4367	0.1092	4
24	2.61	VV	96876	AR1016-D	0.4731	0.1183	4
			468634			0.4618	

VV 10-6-06

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
46	4.51	VV	99335	AR1260-A	0.4543	0.1136	4
48	4.65	VE	226450	AR1260-B	0.4651	0.1163	4
54	5.32	VV	54212	AR1260-C	0.4061	0.1015	4
55	5.57	VV	15496	AR1260-D	0.3326	0.0831	4
			395493			0.4145	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

NM-MW-02-GW

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B30504SD

Sample wt/vol: 1030.00 (g/mL) ML Lab File ID: 19A72161.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 09/27/2006 09/29/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 10/04/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/04/2006

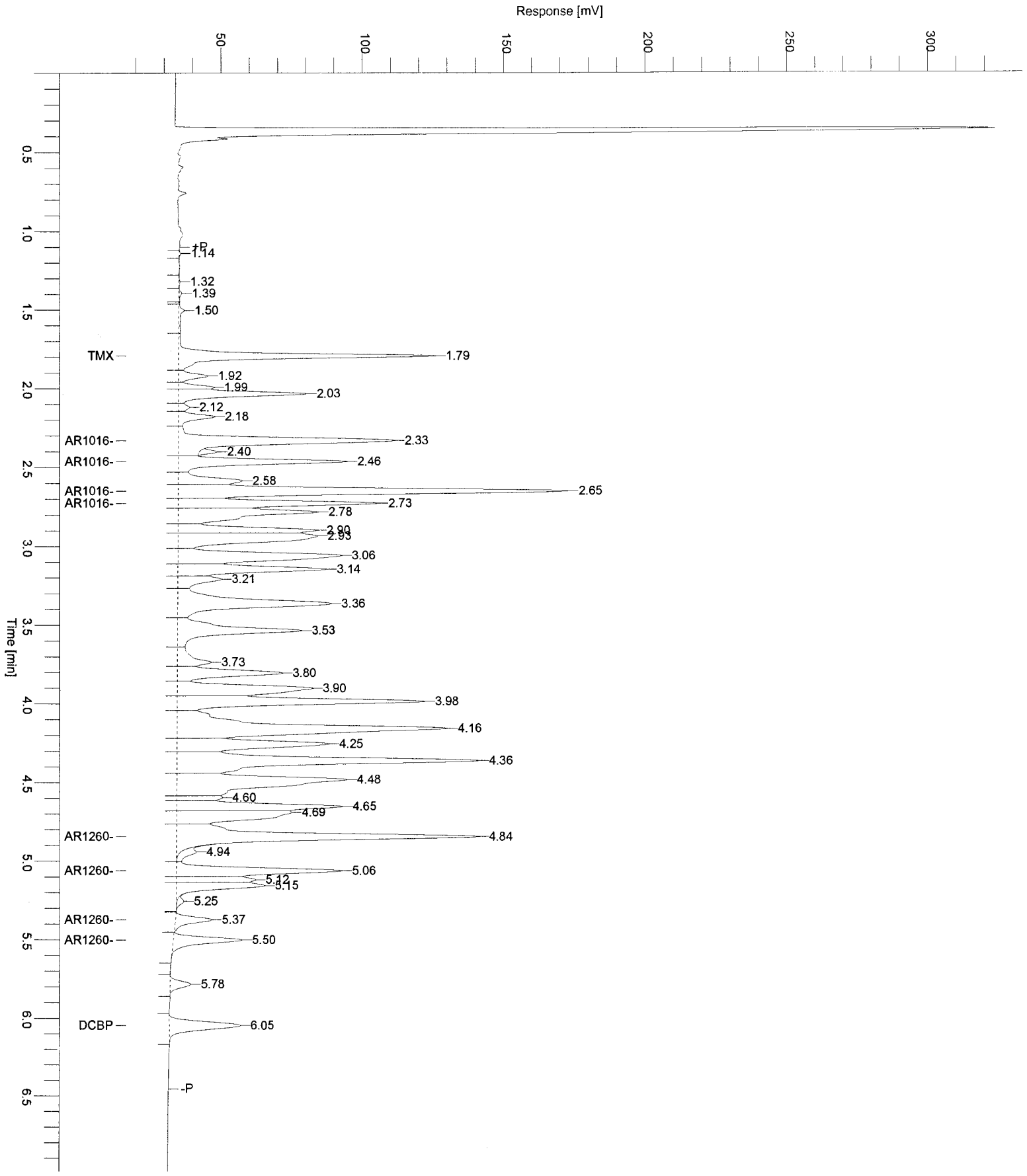
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	4.4	
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	4.0	

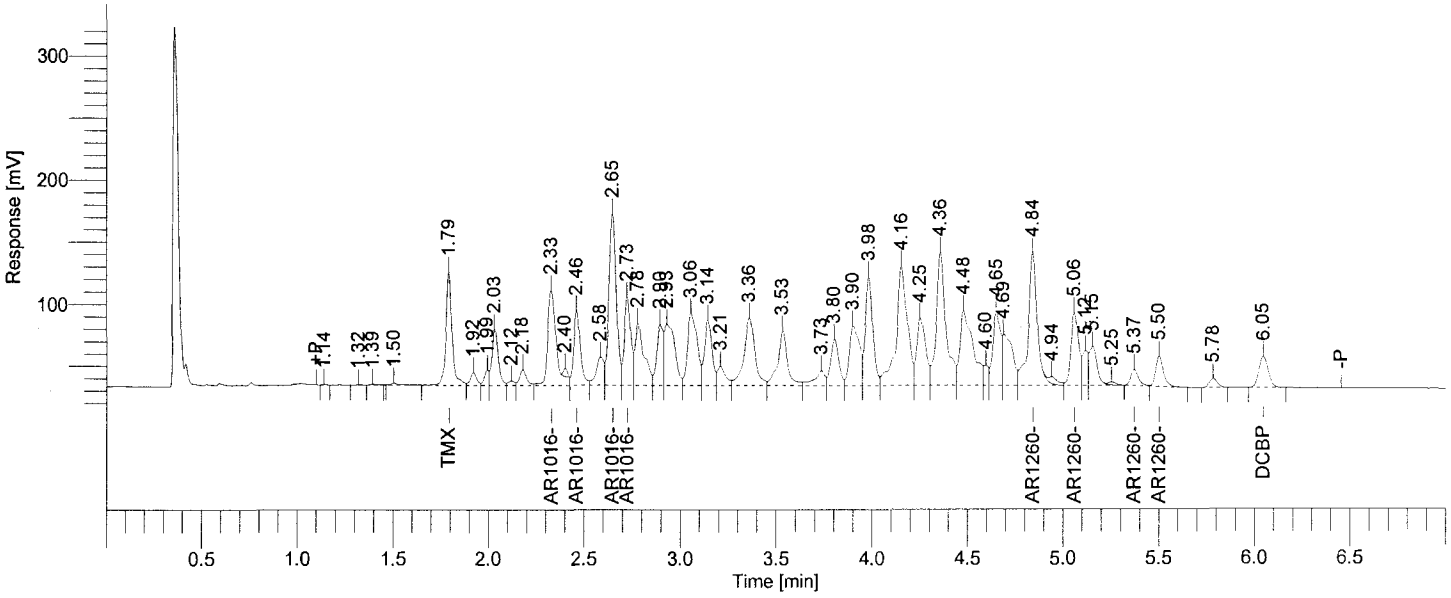
Chromatogram

Sample Name : AW60032450SD Sample #: A6B30504SD Page 1 of 1
FileName : H:\TURBO6\5890-19\19A72161.raw
Date : 10/05/2006 07:54:39
Method : SDPCBINS Time of Injection: 10/04/2006 23:09:32
Start Time : 0.00 min End Time : 7.00 min Low Point : 16.35 mV High Point : 323.66 mV
Scale Factor: 1.0 Plot Offset: 16.35 mV Plot Scale: 307.3 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 07:54:38
Reprocess Number	: buf2042: 123121		
Operator	: tchrom	Sample Name	: AW60032450SD
Sample Number	: A6B30504SD	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: A
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/04/2006 23:09:32	Cycle	: 18

Raw Data File : H:\TURBO6\5890-19\19A72161.raw <Modified>
Result File : H:\TURBO6\5890-19\19A72161.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19A72161.raw
Proc Method : h:\turbo6\5890-19\saproc.mth from H:\TURBO6\5890-19\19A72161.rst
Calib Method : h:\turbo6\5890-19\sa66(09-25-06).mth from H:\TURBO6\5890-19\19A72161.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
5	1.79	VV	205278	TMX	0.0176	-------	0
	2.65		920941	AR1016	0.4545	0.1136	4
	4.84		621135	AR1260	0.4314	0.1079	4
45	6.05	BB	86046	DCBP	0.0104	-------	0
			1833400			0.2215	

10-6-06

10/05/2006 07:54:38 Result: H:\TURBO6\5890-19\19A72161.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
11	2.33	VE	242059	AR1016-A	0.4728	0.1182	4
13	2.46	VV	146105	AR1016-B	0.4758	0.1190	4
15	2.65	VV	365473	AR1016-C	0.4381	0.1095	4
16	2.73	VV	167304	AR1016-D	0.4493	0.1123	4
			920941			0.4590	

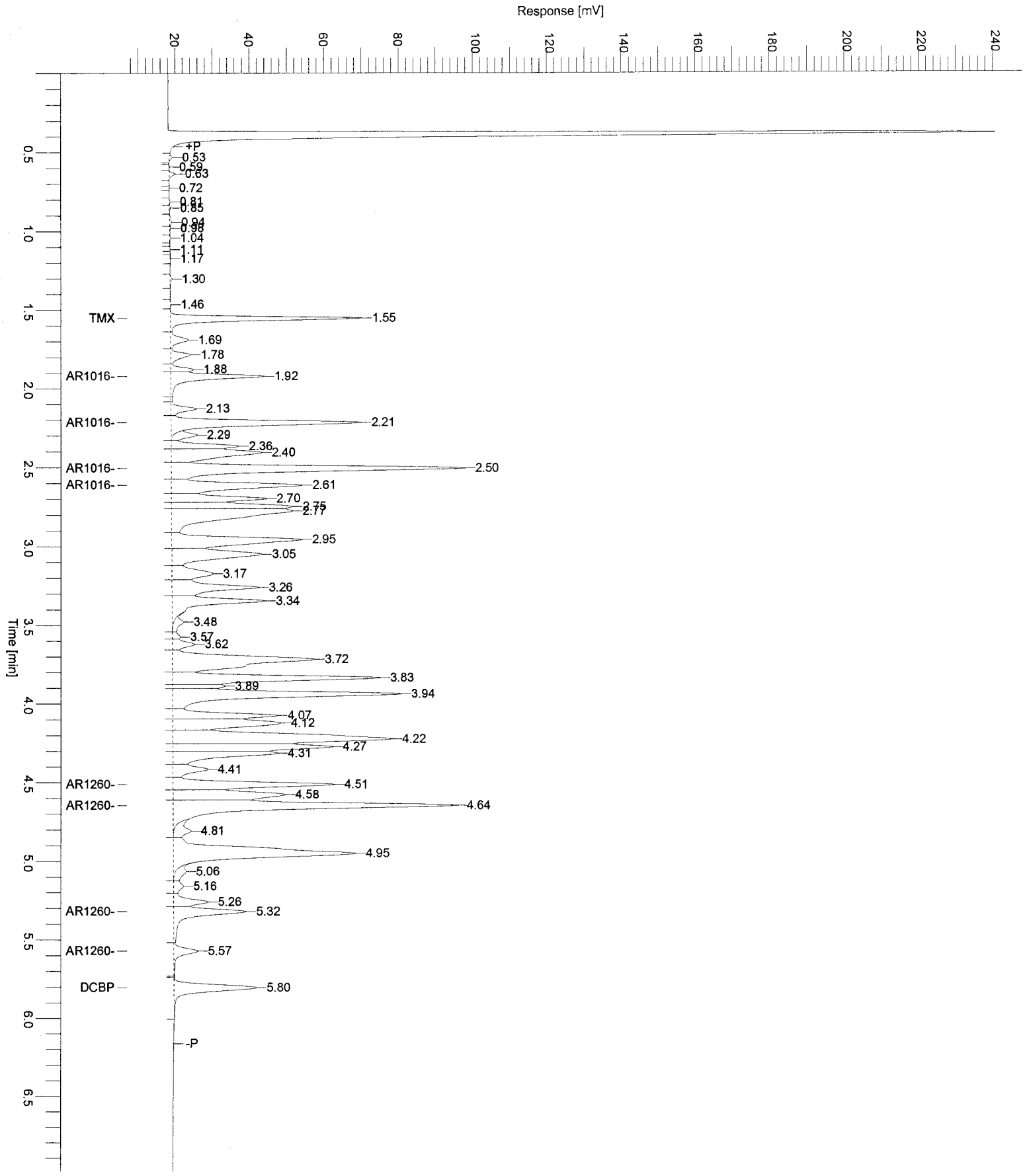
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
36	4.84	VE	354835	AR1260-A	0.4432	0.1108	4
38	5.06	VV	162674	AR1260-B	0.4392	0.1098	4
42	5.37	BV	35437	AR1260-C	0.3754	0.0938	4
43	5.50	VB	68189	AR1260-D	0.3894	0.0974	4
			621135			0.4118	

10-6-06

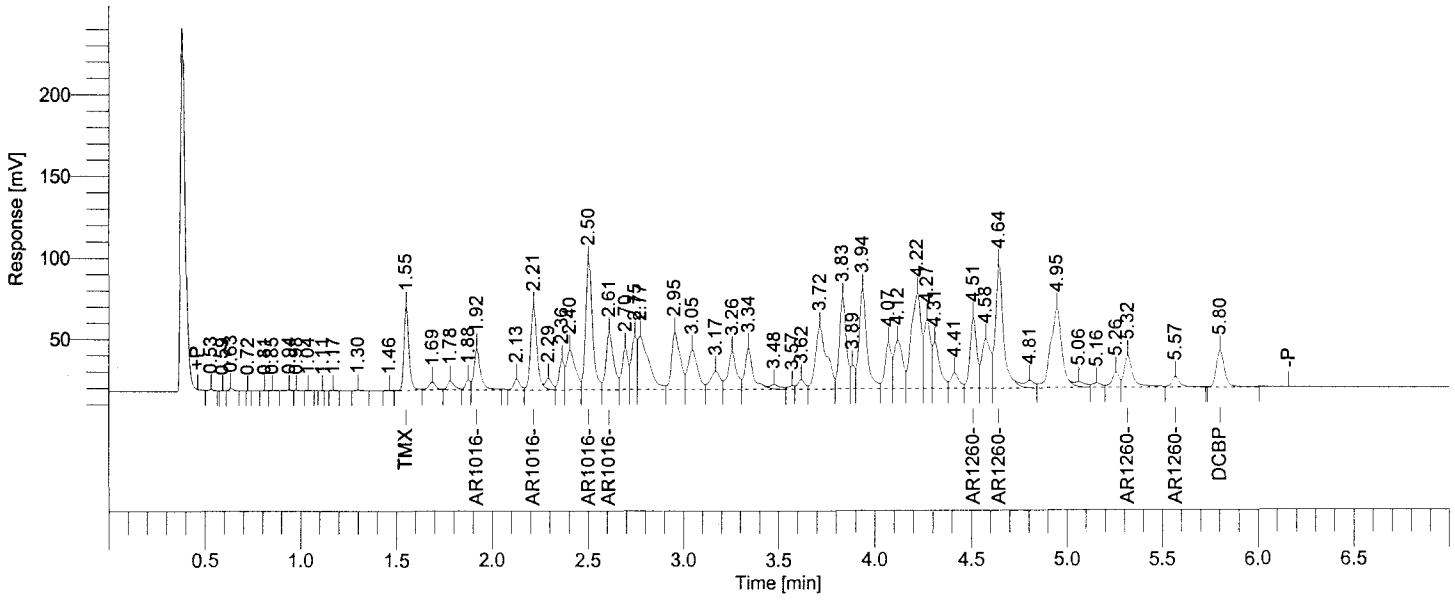
Chromatogram

Sample Name : AW60032450SD Sample #: A6B30504SD Page 1 of 1
FileName : H:\TURBO6\5890-19\19B72161.raw
Date : 10/05/2006 07:54:44
Method : SDPCBINS Time of Injection: 10/04/2006 23:09:32
Start Time : 0.00 min End Time : 7.00 min Low Point : 6.96 mV High Point : 240.77 mV
Scale Factor: 1.0 Plot Offset: 6.96 mV Plot Scale: 233.8 mV



Software Version	: 6.2.1.0.104:0104	Date	: 10/05/2006 07:54:42
Reprocess Number	: buf2042: 123122		
Operator	: tchrom	Sample Name	: AW600324505D
Sample Number	: A6B30504SD	Study	: CTA29794
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-19	Channel	: B
Interface Serial #	: 4251271896	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 5000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 10/04/2006 23:09:32	Cycle	: 18

Raw Data File : H:\TURBO6\5890-19\19B72161.raw <Modified>
Result File : H:\TURBO6\5890-19\19B72161.rst
Inst Method : H:\TURBO6\5890-19\SDPCBINS from H:\TURBO6\5890-19\19B72161.raw
Proc Method : h:\turbo6\5890-19\sbproc.mth from H:\TURBO6\5890-19\19B72161.rst
Calib Method : h:\turbo6\5890-19\sb66(09-25-06).mth from H:\TURBO6\5890-19\19B72161.rst
Report Format File: H:\TURBO6\5890-19\SSAMP.rpt
Sequence File : H:\TURBO6\5890-19\19D72.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
14	1.55	VV	92160	TMX	0.0160	-------	0
	2.50		476876	AR1016	0.4646	0.1161	4
	4.64		425665	AR1260	0.4833	0.1208	4
57	5.80	VB	65697	DCBP	0.0116	-------	0
			1060398			0.2370	

10-6-06

10/05/2006 07:54:42 Result: H:\TURBO6\5890-19\19B72161.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
18	1.92	VV	60267	AR1016-A	0.4946	0.1237	4
20	2.21	VE	119676	AR1016-B	0.4748	0.1187	4
24	2.50	VV	198592	AR1016-C	0.4426	0.1107	4
25	2.61	VV	98342	AR1016-D	0.4810	0.1202	4
			476876			0.4733	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
47	4.51	VV	104843	AR1260-A	0.4822	0.1206	4
49	4.64	VE	240899	AR1260-B	0.4982	0.1246	4
55	5.32	VV	60910	AR1260-C	0.4598	0.1149	4
56	5.57	VV	19013	AR1260-D	0.4091	0.1023	4
			425665			0.4623	

10-6-06

Organic Prep Log Book
(3510C) 8082 PCB WATERS
A6B27464 (Closed)

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 1000.00 ul

Date Ext/Initials: 10/04/2006 MW

Date Cleanup/Initials: 10/04/2006 MW

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: 10/04/2006 MW

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	Protoc	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A6B27464	A6B2746401	Z	MSB	AW60032443	PCBS	SW8463	8082	A00035	A00222		5.00	1000.0000	10.00
A6B27464	A6B2746402	Z	MBLK	AW60032444	PCBS	SW8463	8082	A00035			5.00	1000.0000	10.00
A06-B305	A6B30501	A	FS	AW60032445	PCBS	SW8463	8082	A00035			5.00	1050.0000	10.00
A06-B305	A6B30502	A	FS	AW60032446	PCBS	SW8463	8082	A00035			5.00	1050.0000	10.00
A06-B305	A6B30503	A	FS	AW60032447	PCBS	SW8463	8082	A00035			5.00	1050.0000	10.00
A06-B305	A6B30504	A	FS	AW60032448	PCBS	SW8463	8082	A00035			5.00	1030.0000	10.00
A06-B305	A6B30504MS	A	MS	AW60032449	PCBS	SW8463	8082	A00035	A00222		5.00	1035.0000	10.00
A06-B305	A6B30504SD	A	SD	AW60032450	PCBS	SW8463	8082	A00035	A00222		5.00	1030.0000	10.00
A06-B305	A6B30505	A	FS	AW60032451	PCBS	SW8463	8082	A00035			5.00	1050.0000	10.00
A06-B305	A6B30506	A	FS	AW60032452	PCBS	SW8463	8082	A00035			5.00	1000.0000	10.00
A06-B305	A6B30507	A	FS	AW60032453	PCBS	SW8463	8082	A00035			6.00	1050.0000	10.00
A06-B305	A6B30508	A	FS	AW60032454	PCBS	SW8463	8082	A00035			6.00	1050.0000	10.00
A06-B305	A6B30509	A	FS	AW60032455	PCBS	SW8463	8082	A00035			6.00	1050.0000	10.00
A06-B305	A6B30510	A	FS	AW60032456	PCBS	SW8463	8082	A00035			6.00	1055.0000	10.00
A06-B305	A6B30511	A	FS	AW60032457	PCBS	SW8463	8082	A00035			6.00	1045.0000	10.00
A06-B305	A6B30512	A	FS	AW60032458	PCBS	SW8463	8082	A00035			6.00	1050.0000	10.00

Organic Prep Log Book
(3510C) 8082 PCB WATERS
A6B27464 (Closed)

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 1000.00 ul

Date Ext/Initials: 10/04/2006 MW

Date Cleanup/Initials: 10/04/2006 MW

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: 10/04/2006 MW

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	Protoc	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A06-B305	A6B30513	A	FS	AW60032459	PCBS	SW8463	8082	A00035			6.00	1050.0000	10.00
A06-B305	A6B30514	A	FS	AW60032460	PCBS	SW8463	8082	A00035			6.00	1055.0000	10.00
A06-B305	A6B30515	A	FS	AW60032461	PCBS	SW8463	8082	A00035			6.00	1055.0000	10.00
A06-B306	A6B30602	A	FS	AW60032462	PCBS	SW8463	8082	A00035			7.00	1035.0000	10.00

Comments:

STL Buffalo
Date: 10/04/2006
Time: 07:19:34

Organic Prep Log Book
(3510C) 8082 PCB WATERS
A6B27464

Rept: AN0501

SURROGATE A35
Expiration Date: 4-30-07
Prepared by: CM
Spiked by: MW
Witnessed by:
1000.00 ul

MATRIX SPIKE A222
Expiration Date: 12-28-06
Prepared by: CM
Spiked by: MW
Witnessed by:
1000.00 ul

MeCl2: C35E26
Acetone:
Hexane: C27E10
Na2So4: 9-19-06
1:1 H2SO4: 45320
10 N NaOH:

Date Ext/Initials: 10-4-06 MW

Date Cleanup/Initials: 10-4-06 MW

Extraction Type: (SEPF) or CLLE (circle one)

AQUEOUS EXTRACTIONS

Date Conc/Initials: 10-4-06 MW

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	Protoc	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A6B27464	A6B2746401		MSB	AW60032443	PCBS	SW8463	8082	A00035	A00222	Clear	5	1000	10.0
A6B27464	A6B2746402		MBLK	AW60032444	PCBS	SW8463	8082	A00035		↓	↓	↓	
A06-B305	A6B30501	A	FS	AW60032445	PCBS	SW8463	8082	A00035		Peach	5	1050	
A06-B305	A6B30502		FS	AW60032446	PCBS	SW8463	8082	A00035		Yellow		1050	
A06-B305	A6B30503		FS	AW60032447	PCBS	SW8463	8082	A00035		Yellow		1050	
A06-B305	A6B30504		FS	AW60032448	PCBS	SW8463	8082	A00035		Peach		1030	
A06-B305	A6B30504MS		MS	AW60032449	PCBS	SW8463	8082	A00035	A00222	↓		1035	
A06-B305	A6B30504SD		SD	AW60032450	PCBS	SW8463	8082	A00035	A00222			1030	
A06-B305	A6B30505		FS	AW60032451	PCBS	SW8463	8082	A00035		Peach		1050	
A06-B305	A6B30506	A	FS	AW60032452	PCBS	SW8463	8082	A00035		Gray	5	1000	
A06-B305	A6B30507		FS	AW60032453	PCBS	SW8463	8082	A00035		Peach	6	1050	
A06-B305	A6B30508		FS	AW60032454	PCBS	SW8463	8082	A00035		↓	↓	1050	
A06-B305	A6B30509		FS	AW60032455	PCBS	SW8463	8082	A00035				1050	
A06-B305	A6B30510		FS	AW60032456	PCBS	SW8463	8082	A00035				1055	
A06-B305	A6B30511		FS	AW60032457	PCBS	SW8463	8082	A00035		↓		1045	
A06-B305	A6B30512		FS	AW60032458	PCBS	SW8463	8082	A00035		Yellow		1050	↓

STL Buffalo
Date: 10/04/2006
Time: 07:19:34

Organic Prep Log Book
(3510C) 8082 PCB WATERS
A6B27464

Rept: AN0501

SURROGATE
Expiration Date: _____
Prepared by: _____
Spiked by: _____ 0.00 ul
Witnessed by: _____

MATRIX SPIKE
Expiration Date: _____
Prepared by: _____
Spiked by: _____ 0.00 ul
Witnessed by: _____

MeCl2: _____
Acetone: _____
Hexane: _____
Na2So4: _____
1:1 H2SO4: _____
10 N NaOH: _____

Date Ext/Initials: _____ _____

Date Cleanup/Initials: _____ _____

Extraction Type: SEPF or CLLE (circle one)

AQUEOUS EXTRACTIONS

Date Conc/Initials: _____ _____

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	Protoc	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A06-B305	A6B30513	1	FS	AW60032459	PCBS	SW8463	8082	A00035		Peach	6	1050	10.0
A06-B305	A6B30514		FS	AW60032460	PCBS	SW8463	8082	A00035		Peach		1055	
A06-B305	A6B30515		FS	AW60032461	PCBS	SW8463	8082	A00035		Peach		1055	
A06-B306	A6B30602		FS	AW60032462	PCBS	SW8463	8082	A00035		Brown	7	1035	

Comments: Gas flow checked: 10-4-06 mw

relig 10-4-06 mw

GC INJECTION LOG BOOK

000016

INSTRUMENT ID HP5890-B COLUMN ID'S A ZB-5 B ZB-35 SEQUENCE 71

SYRINGE LOT # SOLVENT LOT #

DATE & INIT.	JOB #	A VIAL ID	A DF	B VIAL ID	B DF	FILE ID A	FILE ID B	GC METHOD	PROCESS Y/N	COMMENTS
9/22/95 CTH		ICM460D	6025			30				
		ICM460F	601			35				
9/25/95 CTH	—	Primer							—	Cut 2 Loops From Each
	—								—	
	—								—	
	CCV	ICM660K	.5							
		ICM51WE				40				
		ICM3KU HSJA 9-25-95								
		ICM42UA								
		ICM32TA								
		ICM21TA								
	IBLK	ICM3KU	.03			45				
9/25/95 CTH	—	Primer							—	
	—								—	
	—								—	
	—								—	
	—								—	
	—					50		NO AB	—	
	ICAL	ICM21TA	0.5							
	ACM	ACM21RA	0.6							
	ICAL	ICM32IA	0.5							
	ACM	ACM32DA	0.6							
	ICAL	ICM42UA	0.5			55				
	ACM	ACM42QA	0.6			56				

SEVERN TRENT LABORATORIES INC. — PAGE

REVIEWED BY

GC INJECTION LOG BOOK

INSTRUMENT ID HP5890/5 COLUMN ID'S A ZB-5 B ZB-35 SEQUENCE 71

SYRINGE LOT # SOLVENT LOT #

DATE & INIT.	JOB #	A VIAL ID	A DF	B VIAL ID	B DF	FILE ID A	FILE ID B	GC	PROCESS Y/N	COMMENTS
9/25/96 GTD	ICAL	ICM48TA	0.5			57				
	ACM	ACM480A	0.6							
	ICAL	ICM54WG	0.5							
	ACM	ACM54TA	0.6			60				
	ICAL	ICM66QD	2.5							
		OE	1.0							
		OK	0.5							
		OF	0.25							
		OG	0.1			65				
		OH	0.05							
		OI	0.025							
	ACM	MK6GB	0.6							
	CCV	ICM66OK	0.5							A OK B OK
	CCV	ICM54WG	0.5			70				A OK B OK
	CCV	ICM48TA	0.5							A OK B OK
	CCV	ICM42UA	0.5							A OK B OK
	CCV	ICM32IA	0.5							A OK B OK
	CCV	ICM21TA	0.5							A OK B OK
	IBLK	ICM3KU	0.3			75				A CLEAN B CLEAN
	A769	AW600031557 x2		31558 x2		76				
	CC	AW600031592 MSB				78				Cut
		31593 MBLK								
	A713	31582				80				
		31583								
		31584								
		31585								Cut
		31586				84				

SEVERN TRENT LABORATORIES, INC. – BUFFALO 000017 REVIEWED BY

397/686

2259 | 145

EVERN TRENT LABORATORIES, INC. — BUFFALO

GC INJECTION LOG BOOK

STRUMENT ID HP5890-19 COLUMN ID'S A ZB5 B ZB-35 SEQUENCE 72

RINGE LOT # SOLVENT LOT # JGA

DATE & INIT.	JOB #	A VIAL ID	A DF	B VIAL ID	B DF	FILE ID A	FILE ID B	GC METHOD	PROCESS Y / N	COMMENTS
2W	CCV	ICM54WE	0.5							A OK B OK
B-30	IBLK	ICM3K2	0.03			147				A CLEAN B CLEAN
0/4/4	GC.	AS600 32014	M5B							
B40		32015	M5BD							
		32016	MBLK			150				
	B427	32017								
	CCV	ICM66 OK	0.5							A OK B OK
	IBLK	ICM3K2	0.03							A CLEAN B CLEAN
	GC.	AW600 32443	M5B							
		32444	MBLK			155				
	B305	32445								
		32446								
		32447								
		32448								
		32449	M5			160				
		32450	5D							
		32451								
		32452								
	CCV	ICM54WE	0.5							A OK B OK
	IBLK	ICM3K2	0.03	[AW600 32453	RFIG	165				A CLEAN B CLEAN
	B305	AW600 32454								
		32455								
		32456								
		32457				170				
		32458				AD		#CH54WE 1/5/16 OD		
		32459								
		32460				173				

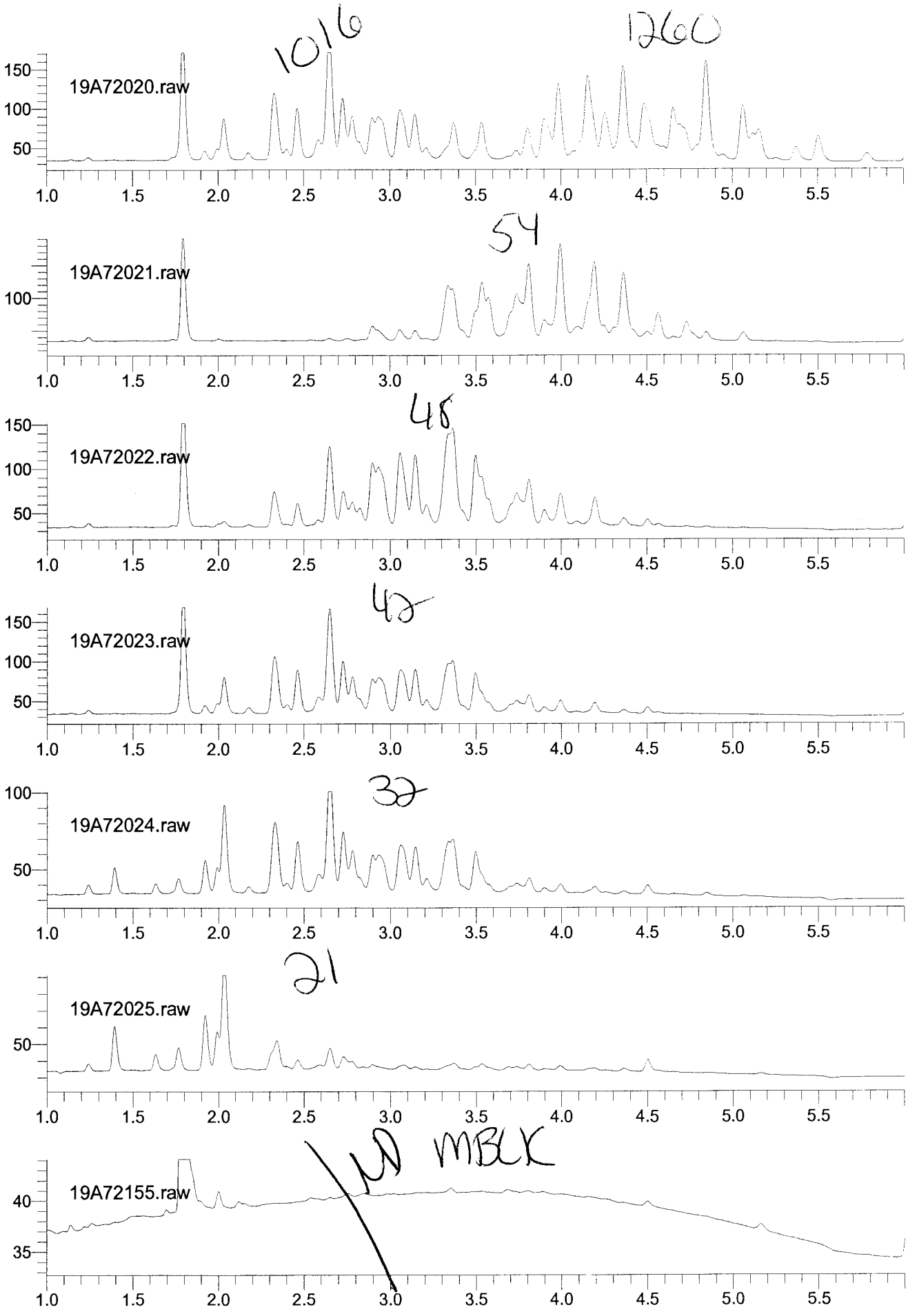
GC INJECTION LOG BOOK

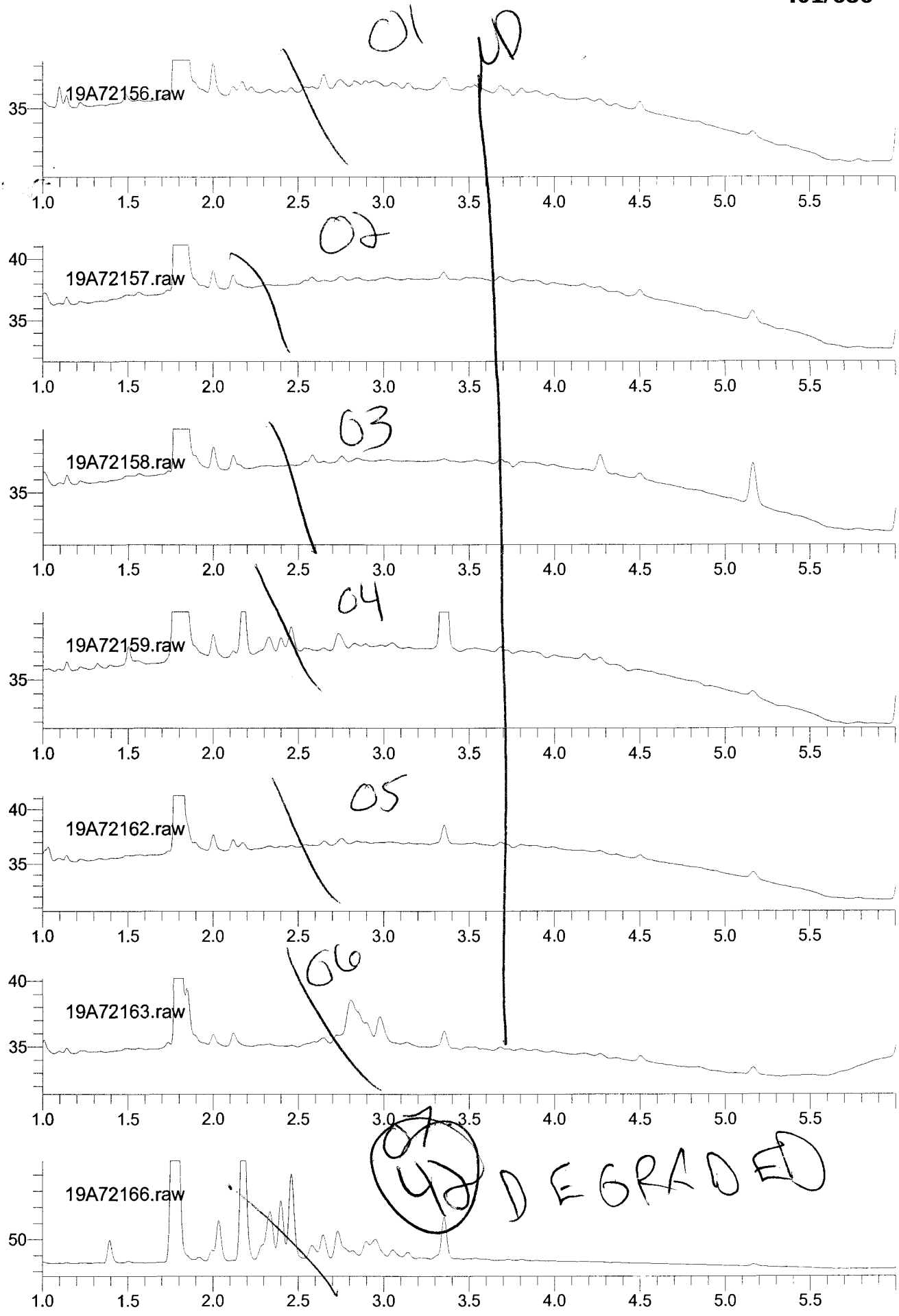
000030

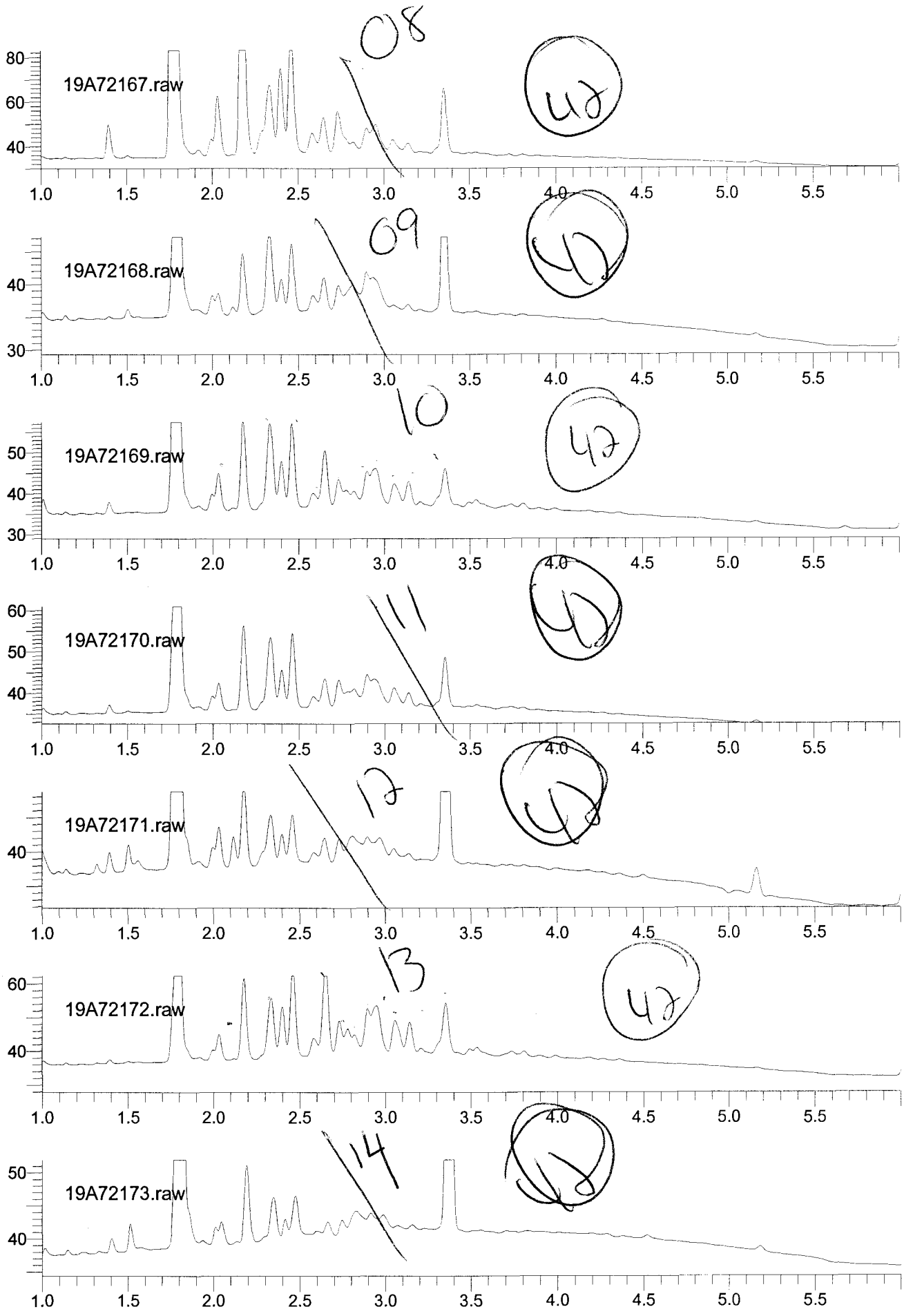
INSTRUMENT ID HP5890-19 COLUMN ID'S A ZB-5 B ZB-35 SEQUENCE 72

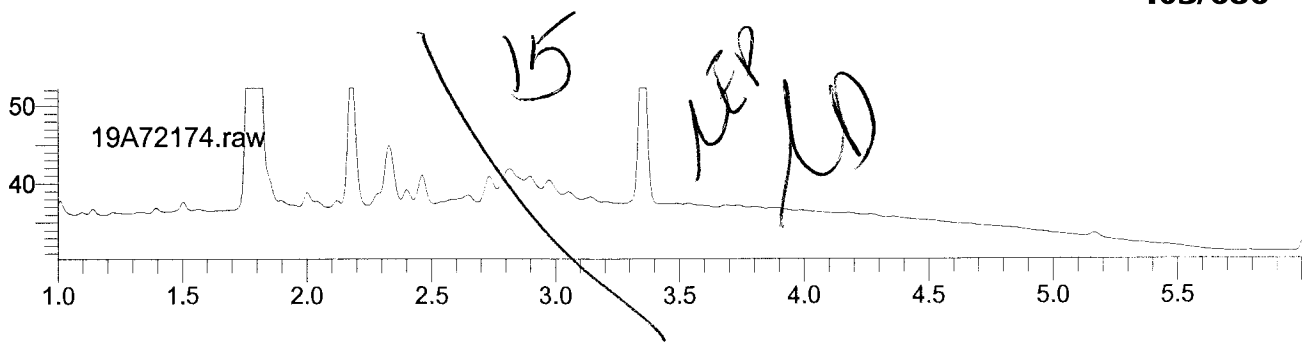
SYRINGE LOT # SOLVENT LOT #

DATE & INIT.	JOB #	A VIAL ID	A DF	B VIAL ID	B DF	FILE ID A	FILE ID B	QC METHOD	PROCESS Y/N	COMMENTS
10/4/06 DMS	B305	AWLC032461				~~173~~ 174		HCHA460 10/5/06 MS		
	B306	32462				175				
	CCV	ICM660K	0.5			~~175~~				A OK B 10/6 OK, 12:40 OK AM
	IBLK	ICM3K2	0.03							A CLEAN B CLEAN
10-5-06 MS	QC	AS60032092	MSB							
		32093	MSBD							
		32094	MBLK			180				
	B307	32095								
	QC	AS60032025	MSB							
		32026	MBLK							
	B307	32043								
		32044				185				
	B422	32027								
		32028	MS							
	CCV	ICM660K	.5							
	IBLK	ICM3K2	.03							
	B422	AS60032029	SD			190				
		32030								
		32031	MS							
		32032	SD							
	B304	32033								
	B306	32034				195				
	B287	32035								
	B380	32036								
		32037	X2							
		32038	X5							
	CCV	ICMS4WE	.5			200				


1016
1260
19A72020.raw
54
19A72021.raw
48
19A72022.raw
42
19A72023.raw
32
19A72024.raw
21
19A72025.raw
ND MBLK
19A72155.raw


01
UD
19A72156.raw
02
19A72157.raw
03
19A72158.raw
04
19A72159.raw
05
19A72162.raw
06
19A72163.raw
07
19A72166.raw
DEGRADED


19A72167.raw
08
42
19A72168.raw
09
42
19A72169.raw
10
42
19A72170.raw
11
42
19A72171.raw
12
42
19A72172.raw
13
42
19A72173.raw
14
42


19A72174.raw
50
40
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5
5.0
5.5

Metals Data

STL BUFFALO

Ecology & Environment, Inc.

COVER PAGE - INORGANIC ANALYSIS DATA PACKAGE

Contract: NY04-571 SDG No.: A06-B305

Lab Code: STLBLFO Case No.: SAS No.:

SOW No.:

Sample ID.	Lab Sample No.
NM-MPI-01-GW	A6B30510
NM-MPI-02-GW	A6B30511
NM-MPI-03-GW	A6B30513
NM-MPI-04-GW	A6B30507
NM-MPI-04-GW/D	A6B30508
NM-MPI-05-GW	A6B30514
NM-MPI-06-GW	A6B30509
NM-MW-01-GW	A6B30506
NM-MW-02-GW	A6B30504
NM-MW-02-GW\MS	A6B30504MS
NM-MW-02-GW\SD	A6B30504SD
NM-MW-03-GW	A6B30505
NM-MW-04-GW	A6B30501
NM-MW-05-GW	A6B30503
NM-MW-06-GW	A6B30502
NM-MW-DEC-GW	A6B30512
NM-MW-DOT-GW	A6B30515

Were ICP interelement corrections applied? Yes/No YES

Were ICP background corrections applied? Yes/No YES

If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Tony Bogolin Name: Tony Bogolin

Date: 10/19/06 Title: Project Manager

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MPI-01-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Matrix (soil/water): WATER Lab Sample ID: AD657924

Level (low/med): LOW Date Received: 9/29/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	933		NE	P
7440-41-7	Beryllium	0.08	B		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	192000		E	P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	91200		E	P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	37700		E	P
7439-96-5	Manganese	400		E	P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	3500		N	P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	7010		NE	P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MPI-02-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Matrix (soil/water): WATER Lab Sample ID: AD657925

Level (low/med): LOW Date Received: 9/29/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	941		NE	P
7440-41-7	Beryllium	0.12	B		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	202000		E	P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	93800		E	P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	36800		E	P
7439-96-5	Manganese	421		E	P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	3660		N	P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	7400		NE	P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MPI-03-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Matrix (soil/water): WATER Lab Sample ID: AD657927

Level (low/med): LOW Date Received: 9/29/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	910		NE	P
7440-41-7	Beryllium	0.16	B		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	208000		E	P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	90800		E	P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	36500		E	P
7439-96-5	Manganese	390		E	P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	3490		N	P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	5820		NE	P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MPI-04-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Matrix (soil/water): WATER Lab Sample ID: AD657921

Level (low/med): LOW Date Received: 9/29/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	790		NE	P
7440-41-7	Beryllium	0.10	B		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	172000		E	P
7440-47-3	Chromium	4.7			P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	87100		E	P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	32400		E	P
7439-96-5	Manganese	230		E	P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	3980		N	P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	7810		NE	P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MPI-04-GW/D

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Matrix (soil/water): WATER Lab Sample ID: AD657922

Level (low/med): LOW Date Received: 9/29/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	839		NE	P
7440-41-7	Beryllium	0.18	B		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	180000		E	P
7440-47-3	Chromium	4.8			P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	89500		E	P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	33600		E	P
7439-96-5	Manganese	236		E	P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	4080		N	P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	8180		NE	P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MPI-05-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Matrix (soil/water): WATER Lab Sample ID: AD657928

Level (low/med): LOW Date Received: 9/29/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	889		NE	P
7440-41-7	Beryllium	0.22	B		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	231000		E	P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	89400		E	P
7439-92-1	Lead	7.9			P
7439-95-4	Magnesium	35000		E	P
7439-96-5	Manganese	241		E	P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	3140		N	P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	11300		NE	P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MPI-06-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Matrix (soil/water): WATER Lab Sample ID: AD657923

Level (low/med): LOW Date Received: 9/29/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	825		NE	P
7440-41-7	Beryllium	0.14	B		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	210000		E	P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	78600		E	P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	40600		E	P
7439-96-5	Manganese	259		E	P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	2270		N	P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	7950		NE	P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-01-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Matrix (soil/water): WATER Lab Sample ID: AD657920

Level (low/med): LOW Date Received: 9/29/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	10000			P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	11.8			P
7440-39-3	Barium	81.2		NE	P
7440-41-7	Beryllium	0.32	B		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	26700		E	P
7440-47-3	Chromium	12.3			P
7440-48-4	Cobalt	4.2			P
7440-50-8	Copper	17.0			P
7439-89-6	Iron	10300		E	P
7439-92-1	Lead	6.1			P
7439-95-4	Magnesium	10700		E	P
7439-96-5	Manganese	189		E	P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	2820		N	P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	28500		NE	P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	16.0			P
7440-66-6	Zinc	31.5			P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-02-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Matrix (soil/water): WATER Lab Sample ID: AD657916

Level (low/med): LOW Date Received: 9/29/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	21.1			P
7440-39-3	Barium	191		NE	P
7440-41-7	Beryllium	0.18	B		P
7440-43-9	Cadmium	1.2			P
7440-70-2	Calcium	240000		E	P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	14.2			P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	223000		E	P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	58000		E	P
7439-96-5	Manganese	6820		E	P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	7500		N	P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	27300		NE	P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-03-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Matrix (soil/water): WATER Lab Sample ID: AD657919

Level (low/med): LOW Date Received: 9/29/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	12.7		NE	P
7440-41-7	Beryllium	0.09	B		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	63500		E	P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	7.0			P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	50400		E	P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	16500		E	P
7439-96-5	Manganese	3120		E	P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	500	U	N	P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	11500		NE	P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-04-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Matrix (soil/water): WATER Lab Sample ID: AD657913

Level (low/med): LOW Date Received: 9/29/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	951			P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	38.6			P
7440-39-3	Barium	83.7		NE	P
7440-41-7	Beryllium	0.24	B		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	52400		E	P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	6.0			P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	110000		E	P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	10200		E	P
7439-96-5	Manganese	1850		E	P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	1830		N	P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	6120		NE	P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-05-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Matrix (soil/water): WATER Lab Sample ID: AD657915

Level (low/med): LOW Date Received: 9/29/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	122		NE	P
7440-41-7	Beryllium	0.09	B		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	92500		E	P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	5.5			P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	29300		E	P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	18900		E	P
7439-96-5	Manganese	2950		E	P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	801		N	P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	26800		NE	P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-06-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Matrix (soil/water): WATER Lab Sample ID: AD657914

Level (low/med): LOW Date Received: 9/29/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1130			P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	114		NE	P
7440-41-7	Beryllium	0.15	B		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	65000		E	P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	11100		E	P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	15400		E	P
7439-96-5	Manganese	716		E	P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	1180		N	P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	58400		NE	P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-DEC-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Matrix (soil/water): WATER Lab Sample ID: AD657926

Level (low/med): LOW Date Received: 9/29/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	91.5		NE	P
7440-41-7	Beryllium	0.03	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	158000		E	P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	24700		E	P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	29900		E	P
7439-96-5	Manganese	794		E	P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	16500		N	P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	13800		NE	P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

NM-MW-DOT-GW

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Matrix (soil/water): WATER Lab Sample ID: AD657929

Level (low/med): LOW Date Received: 9/29/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	394			P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	733		NE	P
7440-41-7	Beryllium	0.17	B		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	237000		E	P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	89500		E	P
7439-92-1	Lead	5.0	U		P
7439-95-4	Magnesium	38500		E	P
7439-96-5	Manganese	324		E	P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	4570		N	P
7782-49-2	Selenium	15.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	11700		NE	P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum	18750.0	18997.04	101.3	25000.0	25389.08	101.6	25367.42	101.5	P
Antimony	375.0	387.15	103.2	500.0	513.22	102.6	512.80	102.6	P
Arsenic	375.0	376.93	100.5	500.0	500.60	100.1	497.49	99.5	P
Barium	375.0	390.78	104.2	500.0	518.81	103.8	516.22	103.2	P
Beryllium	375.0	383.52	102.3	500.0	511.21	102.2	509.89	102.0	P
Cadmium	375.0	371.31	99.0	500.0	494.90	99.0	494.36	98.9	P
Calcium	18750.0	18956.98	101.1	25000.0	25335.65	101.3	25278.11	101.1	P
Chromium	375.0	372.56	99.3	500.0	497.65	99.5	497.28	99.5	P
Cobalt	375.0	371.26	99.0	500.0	494.66	98.9	493.82	98.8	P
Copper	375.0	382.97	102.1	500.0	511.09	102.2	510.33	102.1	P
Iron	18750.0	18542.56	98.9	25000.0	24748.32	99.0	24804.37	99.2	P
Lead	375.0	377.81	100.7	500.0	503.72	100.7	500.74	100.1	P
Magnesium	18750.0	18675.97	99.6	25000.0	24873.60	99.5	24854.77	99.4	P
Manganese	375.0	380.53	101.5	500.0	507.74	101.5	508.54	101.7	P
Nickel	375.0	377.93	100.8	500.0	502.59	100.5	501.56	100.3	P
Potassium	18750.0	19051.30	101.6	25000.0	25423.99	101.7	25429.42	101.7	P
Selenium	375.0	387.59	103.4	500.0	518.28	103.7	510.34	102.1	P
Silver	375.0	372.69	99.4	500.0	499.45	99.9	500.55	100.1	P
Sodium	18750.0	18333.46	97.8	25000.0	24908.26	99.6	24695.65	98.8	P
Thallium	375.0	387.44	103.3	500.0	507.40	101.5	512.10	102.4	P
Vanadium	375.0	375.73	100.2	500.0	501.59	100.3	499.95	100.0	P
Zinc	375.0	379.60	101.2	500.0	504.78	101.0	501.97	100.4	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A06-B305

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				25000.0	25247.89	101.0	25273.50	101.1	P
Antimony				500.0	504.26	100.9	513.91	102.8	P
Arsenic				500.0	490.99	98.2	493.67	98.7	P
Barium				500.0	503.04	100.6	510.37	102.1	P
Beryllium				500.0	507.87	101.6	510.52	102.1	P
Cadmium				500.0	494.89	99.0	497.07	99.4	P
Calcium				25000.0	24925.98	99.7	25186.20	100.7	P
Chromium				500.0	499.99	100.0	499.90	100.0	P
Cobalt				500.0	496.07	99.2	497.35	99.5	P
Copper				500.0	509.35	101.9	509.42	101.9	P
Iron				25000.0	24952.37	99.8	24956.79	99.8	P
Lead				500.0	499.81	100.0	503.58	100.7	P
Magnesium				25000.0	24937.21	99.7	25060.85	100.2	P
Manganese				500.0	511.15	102.2	510.84	102.2	P
Nickel				500.0	499.03	99.8	501.34	100.3	P
Potassium				25000.0	25466.90	101.9	25347.16	101.4	P
Selenium				500.0	508.13	101.6	512.64	102.5	P
Silver				500.0	505.60	101.1	503.45	100.7	P
Sodium				25000.0	24665.24	98.7	24816.18	99.3	P
Thallium				500.0	508.01	101.6	507.59	101.5	P
Vanadium				500.0	498.40	99.7	499.70	99.9	P
Zinc				500.0	502.16	100.4	506.40	101.3	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				25000.0	25357.47	101.4	25109.21	100.4	P
Antimony				500.0	508.47	101.7	503.92	100.8	P
Arsenic				500.0	494.68	98.9	489.47	97.9	P
Barium				500.0	507.27	101.5	499.11	99.8	P
Beryllium				500.0	511.75	102.4	507.50	101.5	P
Cadmium				500.0	498.80	99.8	495.99	99.2	P
Calcium				25000.0	25185.51	100.7	24941.30	99.8	P
Chromium				500.0	502.51	100.5	499.19	99.8	P
Cobalt				500.0	498.99	99.8	496.69	99.3	P
Copper				500.0	510.43	102.1	504.67	100.9	P
Iron				25000.0	25076.28	100.3	24906.39	99.6	P
Lead				500.0	502.80	100.6	499.98	100.0	P
Magnesium				25000.0	25196.17	100.8	25050.72	100.2	P
Manganese				500.0	513.22	102.6	509.98	102.0	P
Nickel				500.0	503.04	100.6	499.88	100.0	P
Potassium				25000.0	25375.43	101.5	25219.86	100.9	P
Selenium				500.0	511.10	102.2	508.11	101.6	P
Silver				500.0	505.53	101.1	501.52	100.3	P
Sodium				25000.0	24774.08	99.1	24371.24	97.5	P
Thallium				500.0	508.56	101.7	504.30	100.9	P
Vanadium				500.0	501.88	100.4	497.02	99.4	P
Zinc				500.0	507.92	101.6	505.19	101.0	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				25000.0	25236.72	100.9			P
Antimony				500.0	505.09	101.0			P
Arsenic				500.0	492.67	98.5			P
Barium				500.0	504.61	100.9			P
Beryllium				500.0	509.01	101.8			P
Cadmium				500.0	495.62	99.1			P
Calcium				25000.0	25047.02	100.2			P
Chromium				500.0	499.61	99.9			P
Cobalt				500.0	495.55	99.1			P
Copper				500.0	507.77	101.6			P
Iron				25000.0	24860.19	99.4			P
Lead				500.0	500.80	100.2			P
Magnesium				25000.0	24988.40	100.0			P
Manganese				500.0	509.41	101.9			P
Nickel				500.0	499.66	99.9			P
Potassium				25000.0	25297.31	101.2			P
Selenium				500.0	508.66	101.7			P
Silver				500.0	503.43	100.7			P
Sodium				25000.0	24618.07	98.5			P
Thallium				500.0	504.41	100.9			P
Vanadium				500.0	497.24	99.4			P
Zinc				500.0	503.46	100.7			P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A06-B305

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Mercury	3.0	3.13	104.3	2.0	2.13	106.5	2.18	109.0	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A06-B305

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury				2.0	2.13	106.5	2.19	109.5	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury				2.0	2.16	108.0	2.14	107.0	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A06-B305

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury				2.0	2.16	108.0	2.13	106.5	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A06-B305

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury				2.0	2.15	107.5			CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

STL BUFFALO

Ecology & Environment, Inc.
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG No.: A06-B305

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Aluminum				200.0	183.08	91.5		
Antimony				20.0	23.45	117.2		
Arsenic				10.0	11.35	113.5		
Barium				2.0	2.22	111.0		
Beryllium				2.0	2.18	109.0		
Cadmium				1.0	1.16	116.0		
Calcium				500.0	458.62	91.7		
Chromium				4.0	3.91	97.8		
Cobalt				4.0	4.39	109.8		
Copper				10.0	10.65	106.5		
Iron				50.0	38.01	76.0		
Lead				5.0	5.63	112.6		
Magnesium				200.0	194.68	97.3		
Manganese				3.0	2.70	90.0		
Nickel				10.0	9.61	96.1		
Potassium				500.0	461.57	92.3		
Selenium				15.0	11.47	76.5		
Silver				3.0	3.19	106.3		
Sodium				1000.0	900.03	90.0		
Thallium				20.0	17.27	86.4		
Vanadium				5.0	5.03	100.6		
Zinc				10.0	13.77	137.7		

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-2B-

CRDL STANDARD FOR AA AND ICP

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG No.: A06-B305

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Mercury	0.2	0.17	85.0					

Comments:

STL BUFFALO

Ecology & Environment, Inc.
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG No.: A06-B305

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Mercury	0.2	0.21	105.0					

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	200.0	U	200.0	U	200.0	U	200.0	U	200.000	U	P
Antimony	20.0	U	20.0	U	20.0	U	20.0	U	20.000	U	P
Arsenic	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Barium	2.0	U	2.0	U	2.0	U	2.0	U	2.000	U	P
Beryllium	0.3	B	0.2	B	0.0	U	0.1	B	0.270	B	P
Cadmium	1.0	U	1.0	U	1.0	U	1.0	U	1.000	U	P
Calcium	500.0	U	500.0	U	500.0	U	500.0	U	500.000	U	P
Chromium	4.0	U	4.0	U	4.0	U	4.0	U	4.000	U	P
Cobalt	4.0	U	4.0	U	4.0	U	4.0	U	4.000	U	P
Copper	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Iron	50.0	U	50.0	U	50.0	U	50.0	U	50.000	U	P
Lead	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P
Magnesium	200.0	U	200.0	U	200.0	U	200.0	U	200.000	U	P
Manganese	3.0	U	3.0	U	3.0	U	3.0	U	3.000	U	P
Nickel	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Potassium	500.0	U	500.0	U	500.0	U	500.0	U	500.000	U	P
Selenium	15.0	U	15.0	U	15.0	U	15.0	U	15.000	U	P
Silver	3.0	U	3.0	U	3.0	U	3.0	U	3.000	U	P
Sodium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	1000.000	U	P
Thallium	20.0	U	20.0	U	20.0	U	20.0	U	20.000	U	P
Vanadium	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P
Zinc	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A06-B305

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C		Preparation Blank	C		M
Aluminum			200.0	U	200.0	U	200.0	U					P
Antimony			20.0	U	20.0	U	20.0	U					P
Arsenic			10.0	U	10.0	U	10.0	U					P
Barium			2.0	U	2.0	U	2.0	U					P
Beryllium			0.3	B	0.3	B	0.1	B					P
Cadmium			1.0	U	1.0	U	1.0	U					P
Calcium			500.0	U	500.0	U	500.0	U					P
Chromium			4.0	U	4.0	U	4.0	U					P
Cobalt			4.0	U	4.0	U	4.0	U					P
Copper			10.0	U	10.0	U	10.0	U					P
Iron			50.0	U	50.0	U	50.0	U					P
Lead			5.0	U	5.0	U	5.0	U					P
Magnesium			200.0	U	200.0	U	200.0	U					P
Manganese			3.0	U	3.0	U	3.0	U					P
Nickel			10.0	U	10.0	U	10.0	U					P
Potassium			500.0	U	500.0	U	500.0	U					P
Selenium			15.0	U	15.0	U	15.0	U					P
Silver			3.0	U	3.0	U	3.0	U					P
Sodium			1000.0	U	1000.0	U	1000.0	U					P
Thallium			20.0	U	20.0	U	20.0	U					P
Vanadium			5.0	U	5.0	U	5.0	U					P
Zinc			10.0	U	10.0	U	10.0	U					P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A06-B305

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			200.0	U							P
Antimony			20.0	U							P
Arsenic			10.0	U							P
Barium			2.0	U							P
Beryllium			0.2	B							P
Cadmium			1.0	U							P
Calcium			500.0	U							P
Chromium			4.0	U							P
Cobalt			4.0	U							P
Copper			10.0	U							P
Iron			50.0	U							P
Lead			5.0	U							P
Magnesium			200.0	U							P
Manganese			3.0	U							P
Nickel			10.0	U							P
Potassium			500.0	U							P
Selenium			15.0	U							P
Silver			3.0	U							P
Sodium			1000.0	U							P
Thallium			20.0	U							P
Vanadium			5.0	U							P
Zinc			10.0	U							P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A06-B305

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C		Preparation Blank	C		M
Mercury	0.1	U	0.1	U	0.1	U	0.1	U		0.200	U		CV

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A06-B305

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Mercury			0.1	U	0.1	U	0.1	U			CV

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-3-

BLANKS

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A06-B305

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Mercury			0.1	U	0.1	U	0.1	U			CV

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-4-

ICP INTERFERENCE CHECK SAMPLE

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A06-B305

ICP ID Number: SUPERTRACE2 ICS Source: ULTRA

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Aluminum	500000	500000	510271	519268.2	103.9			
Antimony		600	1	626.8	104.5			
Arsenic		100	-1	109.1	109.1			
Barium		500	1	551.4	110.3			
Beryllium		500	1	551.9	110.4			
Cadmium		1000	2	979.7	98.0			
Calcium	500000	500000	511527	522634.8	104.5			
Chromium		500	0	498.1	99.6			
Cobalt		500	1	486.9	97.4			
Copper		500	1	537.0	107.4			
Iron	200000	100000	192625	96642.3	96.6			
Lead		50	24	55.2	110.4			
Magnesium	500000	500000	507186	485463.9	97.1			
Manganese		500	0	512.5	102.5			
Nickel		1000	0	944.9	94.5			
Potassium			5	-4.4				
Selenium		50	-5	49.9	99.8			
Silver		200	0	220.8	110.4			
Sodium			-223	65.8				
Thallium		100	-5	95.1	95.1			
Vanadium		500	-2	501.8	100.4			
Zinc		1000	2	970.7	97.1			

STL BUFFALO

Ecology & Environment, Inc.

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

NM-MW-02-GW\MS

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	10141.9700		200.0000	U	10000.00	101.4		P
Antimony	75 - 125	206.8200		20.0000	U	200.00	103.4		P
Arsenic	75 - 125	205.0300		21.0700		200.00	92.0		P
Barium	75 - 125	274.9700		191.2000		200.00	41.9	N	P
Beryllium	75 - 125	201.4700		0.1800	B	200.00	100.6		P
Cadmium	75 - 125	196.1600		1.1800		200.00	97.5		P
Calcium		90928.6300		240427.5600		10000.00	-1495.0		P
Chromium	75 - 125	199.8100		4.0000	U	200.00	99.9		P
Cobalt	75 - 125	199.5100		14.2300		200.00	92.6		P
Copper	75 - 125	202.5300		10.0000	U	200.00	101.3		P
Iron		84491.8200		223190.5200		10000.00	-1387.0		P
Lead	75 - 125	197.9700		5.0000	U	200.00	99.0		P
Magnesium		29223.0200		58038.0300		10000.00	-288.2		P
Manganese		2456.6400		6822.7000		200.00	-2183.0		P
Nickel	75 - 125	206.6300		10.0000	U	200.00	103.3		P
Potassium	75 - 125	12992.9700		7497.6800		10000.00	55.0	N	P
Selenium	75 - 125	204.3400		15.0000	U	200.00	102.2		P
Mercury	75 - 125	6.1667		0.2000	U	6.67	92.5		CV
Silver	75 - 125	51.1400		3.0000	U	50.00	102.3		P
Sodium	75 - 125	19287.2200		27333.5200		10000.00	-80.5	N	P
Thallium	75 - 125	196.9300		20.0000	U	200.00	98.5		P
Vanadium	75 - 125	223.1600		5.0000	U	200.00	111.6		P
Zinc	75 - 125	199.6100		10.0000	U	200.00	99.8		P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

NM-MW-02-GW\SD

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	10249.5100		200.0000	U	10000.00	102.5		P
Antimony	75 - 125	208.0000		20.0000	U	200.00	104.0		P
Arsenic	75 - 125	211.0200		21.0700		200.00	95.0		P
Barium	75 - 125	280.0300		191.2000		200.00	44.4	N	P
Beryllium	75 - 125	204.9000		0.1800	B	200.00	102.4		P
Cadmium	75 - 125	198.9300		1.1800		200.00	98.9		P
Calcium		92800.6700		240427.5600		10000.00	-1476.3		P
Chromium	75 - 125	202.8800		4.0000	U	200.00	101.4		P
Cobalt	75 - 125	202.2800		14.2300		200.00	94.0		P
Copper	75 - 125	206.3200		10.0000	U	200.00	103.2		P
Iron		85317.1600		223190.5200		10000.00	-1378.7		P
Lead	75 - 125	201.2800		5.0000	U	200.00	100.6		P
Magnesium	75 - 125	29685.5500		58038.0300		10000.00	-283.5		P
Manganese		2489.1500		6822.7000		200.00	-2166.8		P
Nickel	75 - 125	209.7600		10.0000	U	200.00	104.9		P
Potassium	75 - 125	13100.2700		7497.6800		10000.00	56.0	N	P
Selenium	75 - 125	207.2300		15.0000	U	200.00	103.6		P
Mercury	75 - 125	6.9833		0.2000	U	6.67	104.7		CV
Silver	75 - 125	52.0500		3.0000	U	50.00	104.1		P
Sodium	75 - 125	19758.3200		27333.5200		10000.00	-75.8	N	P
Thallium	75 - 125	201.5500		20.0000	U	200.00	100.8		P
Vanadium	75 - 125	227.4300		5.0000	U	200.00	113.7		P
Zinc	75 - 125	202.0100		10.0000	U	200.00	101.0		P

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-5B-

POST DIGEST SPIKE SAMPLE RECOVERY

SAMPLE NO.

NM-MW-02-GWA

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A06-B305

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added(SA)	%R	Q	M
Aluminum	75 - 125	10221.91		200.00	U	10000.0	102.2		P
Antimony	75 - 125	209.56		20.00	U	200.0	104.8		P
Arsenic	75 - 125	210.65		21.07		200.0	94.8		P
Barium	75 - 125	273.12		191.20		200.0	41.0	*	P
Beryllium	75 - 125	205.28		0.18	B	200.0	102.6		P
Cadmium	75 - 125	203.88		1.18		200.0	101.4		P
Calcium	75 - 125	88670.64		240427.56		10000.0	-1517	*	P
Chromium	75 - 125	205.56		4.00	U	200.0	102.8		P
Cobalt	75 - 125	204.84		14.23		200.0	95.3		P
Copper	75 - 125	209.62		10.00	U	200.0	104.8		P
Iron	75 - 125	82819.61		223190.52		10000.0	-1403	*	P
Lead	75 - 125	205.96		5.00	U	200.0	103.0		P
Magnesium	75 - 125	29342.64		58038.03		10000.0	-287.0	*	P
Manganese	75 - 125	2426.16		6822.70		200.0	-2198	*	P
Nickel	75 - 125	205.39		10.00	U	200.0	102.7		P
Potassium	75 - 125	13102.87		7497.68		10000.0	56.1	*	P
Selenium	75 - 125	208.58		15.00	U	200.0	104.3		P
Silver	75 - 125	51.68		3.00	U	50.0	103.4		P
Sodium	75 - 125	19156.96		27333.52		10000.0	-81.8	*	P
Thallium	75 - 125	203.52		20.00	U	200.0	101.8		P
Vanadium	75 - 125	206.94		5.00	U	200.0	103.5		P
Zinc	75 - 125	203.54		10.00	U	200.0	101.8		P

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.
-6-
DUPLICATES

SAMPLE NO.

NM-MW-02-GW\SD

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		10141.9700		10249.5100		1.1		P
Antimony		206.8200		208.0000		0.6		P
Arsenic		205.0300		211.0200		2.9		P
Barium		274.9700		280.0300		1.8		P
Beryllium		201.4700		204.9000		1.7		P
Cadmium		196.1600		198.9300		1.4		P
Calcium		90928.6300		92800.6700		2.0		P
Chromium		199.8100		202.8800		1.5		P
Cobalt		199.5100		202.2800		1.4		P
Copper		202.5300		206.3200		1.9		P
Iron		84491.8200		85317.1600		1.0		P
Lead		197.9700		201.2800		1.7		P
Magnesium		29223.0200		29685.5500		1.6		P
Manganese		2456.6398		2489.1500		1.3		P
Nickel		206.6300		209.7600		1.5		P
Potassium		12992.9700		13100.2700		0.8		P
Selenium		204.3400		207.2300		1.4		P
Mercury		6.1667		6.9833		12.4		CV
Silver		51.1400		52.0500		1.8		P
Sodium		19287.2213		19758.3200		2.4		P
Thallium		196.9300		201.5500		2.3		P
Vanadium		223.1600		227.4300		1.9		P
Zinc		199.6100		202.0100		1.2		P

STL BUFFALO

Ecology & Environment, Inc.

-7-

LABORATORY CONTROL SAMPLE

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Solid LCS Source:

Aqueous LCS Source: ULTRA

Analyte	Aqueous (ug/L)			Solid (mg/kg)				
	True	Found	%R	True	Found	C	Limits	%R
Aluminum	10000.0	9742.15	97.4					
Antimony	200.0	201.22	100.6					
Arsenic	200.0	200.41	100.2					
Barium	200.0	198.77	99.4					
Beryllium	200.0	200.11	100.1					
Cadmium	200.0	198.72	99.4					
Calcium	10000.0	9546.59	95.5					
Chromium	200.0	201.02	100.5					
Cobalt	200.0	196.56	98.3					
Copper	200.0	199.48	99.7					
Iron	10000.0	9845.40	98.5					
Lead	200.0	199.39	99.7					
Magnesium	10000.0	9662.12	96.6					
Manganese	200.0	199.36	99.7					
Nickel	200.0	207.31	103.7					
Potassium	10000.0	9835.73	98.4					
Selenium	200.0	201.81	100.9					
Silver	50.0	50.90	101.8					
Sodium	10000.0	9739.15	97.4					
Thallium	200.0	202.54	101.3					
Vanadium	200.0	219.67	109.8					
Zinc	200.0	200.32	100.2					

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-7-

LABORATORY CONTROL SAMPLE

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A06-B305

Solid LCS Source: _____

Aqueous LCS Source: ULTRA

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Mercury	3.3	3.37	101.1						

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-9-

ICP SERIAL DILUTIONS

SAMPLE NO.

NM-MW-02-GWL

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A06-B305

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	42.44		1000.00	U	100.0		P
Antimony	20.00	U	100.00	U			P
Arsenic	21.07		50.00	U	100.0		P
Barium	191.20		63.05		67.0	E	P
Beryllium	0.18	B	0.15	U	100.0		P
Cadmium	1.18		5.00	U	100.0		P
Calcium	240427.56		80470.20		66.5	E	P
Chromium	1.98		20.00	U	100.0		P
Cobalt	14.23		20.00	U	100.0		P
Copper	10.00	U	50.00	U			P
Iron	223190.52		75988.10		66.0	E	P
Lead	5.00	U	25.00	U			P
Magnesium	58038.03		19586.00		66.3	E	P
Manganese	6822.70		2328.35		65.9	E	P
Nickel	10.00	U	50.00	U			P
Potassium	7497.68		2500.00	U	100.0		P
Selenium	15.00	U	75.00	U			P
Silver	3.00	U	15.00	U			P
Sodium	27333.52		8613.15		68.5	E	P
Thallium	20.00	U	100.00	U			P
Vanadium	4.11		25.00	U	100.0		P
Zinc	9.22		50.00	U	100.0		P

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-10-

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A06-B305

ICP ID Number: SUPERTRACE2 Date: 7/20/2006

Flame AA ID Number: _____

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	EQL (ug/L)	EQL (ug/L)	M
Aluminum	308.215		200	200	P
Antimony	206.838		20	20	P
Arsenic	189.042		10	10	P
Barium	493.409		2	2	P
Beryllium	313.042		2	0.03	P
Cadmium	226.502		1	1	P
Calcium	317.933		500	500	P
Chromium	267.716		4	4	P
Cobalt	228.616		4	4	P
Copper	324.753		10	10	P
Iron	271.441		50	50	P
Lead	220.353		5	5	P
Magnesium	279.078		200	200	P
Manganese	257.610		3	3	P
Nickel	231.604		10	10	P
Potassium	766.491		500	500	P
Selenium	296.026		15	15	P
Silver	328.068		3	3	P
Sodium	330.232		1000	1000	P
Thallium	190.864		20	20	P
Vanadium	292.402		5	5	P
Zinc	206.200		10	10	P

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-10-

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A06-B305

ICP ID Number: _____ Date: 9/25/2006

Flame AA ID Number: LEEMAN PS200II

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	EQL (ug/L)	EQL (ug/L)	M
Mercury	253.70		0.2	0.2	CV

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-11A-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

ICP ID Number: SUPERTRACE2 Date: 7/12/2006

Analyte	Wave-length (nm)	Interelement Correction Factors for: Al	Ca	Fe	B	Be
Aluminum	308.215	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.838	0.0000000	0.0000000	0.0000210	0.0000000	0.0000000
Arsenic	189.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.678	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000100	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	-0.0002500	0.0000000	0.0000000
Chromium	267.716	0.0000090	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.753	0.0000000	0.0000000	0.0000070	0.0000000	0.0000000
Iron	271.441	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.352	0.0004460	0.0000000	0.0000550	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.030	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.021	0.0000150	0.0000000	-0.0000400	0.0000000	0.0000960
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.864	0.0000000	0.0000000	-0.0001300	0.0000000	0.0000000
Tin	189.989	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000230	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	-0.0000400	0.0000000	0.0000000

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-11B-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

ICP ID Number: SUPERTRACE2 Date: 7/12/2006

Analyte	Wave-length (nm)	Interelement Correction Factors for: Cd	Co	Cr	Cu	Mn
Aluminum	308.215	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.838	0.0000000	0.0000000	0.0013200	0.0000000	0.0000000
Arsenic	189.042	0.0000000	0.0000000	-0.0024900	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.678	0.0000000	0.0003770	0.0046410	0.0000690	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	-0.0002000
Cobalt	228.616	0.0000000	0.0000000	-0.0003500	0.0000000	0.0000000
Copper	324.753	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.441	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.352	0.0000000	0.0000000	0.0000000	0.0000000	0.0001260
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.030	0.0000000	0.0002470	0.0000000	0.0000000	-0.0001500
Nickel	231.604	0.0000000	-0.0009000	0.0000000	0.0000000	-0.0001100
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.021	0.0000000	0.0001260	0.0000000	0.0000000	0.0005120
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	-0.0053100	0.0000000	0.0000000
Thallium	190.864	0.0000000	-0.0012900	0.0001020	0.0001660	0.0004590
Tin	189.989	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0005940	0.0000000	0.0000000

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-11B-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A06-B305

ICP ID Number: SUPERTRACE2 Date: 7/12/2006

Analyte	Wave-length (nm)	Interelement Correction Factors for: Na	Ni	Pb	Sb	Se
Aluminum	308.215	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.838	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.678	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0001280	0.0000000	0.0000000	0.0000000
Copper	324.753	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.441	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.352	0.0000000	0.0003470	0.0000000	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.030	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.021	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.864	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Tin	189.989	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-11B-

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

ICP ID Number: SUPERTRACE2 Date: 7/12/2006

Analyte	Wave-length (nm)	Interelement Correction Factors for: Tl	V	Zn		
Aluminum	308.215	0.0000000	0.0104990	0.0000000		
Antimony	206.838	0.0000000	0.0000000	0.0000000		
Arsenic	189.042	0.0000000	0.0000000	0.0000000		
Barium	493.409	0.0000000	0.0000000	0.0000000		
Beryllium	313.042	0.0000000	0.0001650	0.0000000		
Boron	249.678	0.0000000	0.0000000	0.0000000		
Cadmium	226.502	0.0000000	0.0000000	0.0000000		
Calcium	317.90	0.0000000	0.0000000	0.0000000		
Chromium	267.716	0.0000000	-0.0000200	0.0000000		
Cobalt	228.616	0.0000000	0.0000000	0.0000000		
Copper	324.753	0.0000000	0.0000000	0.0000000		
Iron	271.441	0.0000000	0.0093180	0.0000000		
Lead	220.352	0.0000000	0.0000640	0.0000000		
Magnesium	279.00	0.0000000	0.0000000	0.0000000		
Manganese	257.610	0.0000000	0.0000000	0.0000000		
Molybdenum	202.030	0.0000000	0.0000000	0.0000000		
Nickel	231.604	0.0000950	0.0000000	0.0000000		
Potassium	766.491	0.0000000	0.0000000	0.0000000		
Selenium	196.021	0.0000000	0.0001880	0.0000000		
Silver	328.068	0.0000000	0.0000000	0.0000000		
Sodium	330.232	0.0000000	0.0000000	0.0000000		
Thallium	190.864	0.0000000	-0.0009800	0.0000000		
Tin	189.989	0.0000000	0.0000000	0.0000000		
Titanium	337.28	0.0000000	-0.0000400	0.0000000		
Vanadium	292.402	0.0000000	0.0000000	0.0000000		
Zinc	206.20	0.0000000	0.0000000	0.0000000		

Comments:

STL BUFFALO

Ecology & Environment, Inc.
-12-
ICP LINEAR RANGES (QUARTERLY)

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A06-B305

ICP ID Number: SUPERTRACE2 Date: 7/13/2006

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Aluminum	15.00	500000	P
Antimony	15.00	50000	P
Arsenic	15.00	20000	P
Barium	15.00	10000	P
Beryllium	15.00	5000	P
Cadmium	15.00	30000	P
Calcium	15.00	400000	P
Chromium	15.00	40000	P
Cobalt	15.00	40000	P
Copper	15.00	25000	P
Iron	15.00	800000	P
Lead	15.00	40000	P
Magnesium	15.00	400000	P
Manganese	15.00	12000	P
Nickel	15.00	25000	P
Potassium	15.00	400000	P
Selenium	15.00	40000	P
Silver	15.00	2000	P
Sodium	15.00	600000	P
Thallium	15.00	40000	P
Vanadium	15.00	50000	P
Zinc	15.00	5000	P

Comments: _____

STL BUFFALO

Ecology & Environment, Inc.

-13-

PREPARATION LOG

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG NO.: A06-B305

Method: P Prep Method: _____

Sample ID	Preparation Date	Initial Volume	Final Volume (mL)
AD657931-LFB	10/3/2006	50.0	50.0
AD657932-MBLK	10/3/2006	50.0	50.0
NM-MW-04-GW	10/3/2006	50.0	50.0
NM-MW-06-GW	10/3/2006	50.0	50.0
NM-MW-05-GW	10/3/2006	50.0	50.0
NM-MW-02-GW	10/3/2006	50.0	50.0
NM-MW-02-GW\MS	10/3/2006	50.0	50.0
NM-MW-02-GW\SD	10/3/2006	50.0	50.0
NM-MW-03-GW	10/3/2006	50.0	50.0
NM-MW-01-GW	10/3/2006	50.0	50.0
NM-MPI-04-GW	10/3/2006	50.0	50.0
NM-MPI-04-GW/D	10/3/2006	50.0	50.0
NM-MPI-06-GW	10/3/2006	50.0	50.0
NM-MPI-01-GW	10/3/2006	50.0	50.0
NM-MPI-02-GW	10/3/2006	50.0	50.0
NM-MW-DEC-GW	10/3/2006	50.0	50.0
NM-MPI-03-GW	10/3/2006	50.0	50.0
NM-MPI-05-GW	10/3/2006	50.0	50.0
NM-MW-DOT-GW	10/3/2006	50.0	50.0

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-13-

PREPARATION LOG

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A06-B305

Method: CV Prep Method:

Sample ID	Preparation Date	Initial Volume	Final Volume(mL)
AD658438-LCS	10/4/2006	30.0	50.0
AD658439-MBLK	10/4/2006	30.0	50.0
NM-MW-04-GW	10/4/2006	30.0	50.0
NM-MW-06-GW	10/4/2006	30.0	50.0
NM-MW-05-GW	10/4/2006	30.0	50.0
NM-MW-02-GW	10/4/2006	30.0	50.0
NM-MW-02-GW\MS	10/4/2006	30.0	50.0
NM-MW-02-GW\SD	10/4/2006	30.0	50.0
NM-MW-03-GW	10/4/2006	30.0	50.0
NM-MW-01-GW	10/4/2006	30.0	50.0
NM-MPI-04-GW	10/4/2006	30.0	50.0
NM-MPI-04-GW/D	10/4/2006	30.0	50.0
NM-MPI-06-GW	10/4/2006	30.0	50.0
NM-MPI-01-GW	10/4/2006	30.0	50.0
NM-MPI-02-GW	10/4/2006	30.0	50.0
NM-MW-DEC-GW	10/4/2006	30.0	50.0
NM-MPI-03-GW	10/4/2006	30.0	50.0
NM-MPI-05-GW	10/4/2006	30.0	50.0
NM-MW-DOT-GW	10/4/2006	30.0	50.0

Comments:

STL BUFFALO

Ecology & Environment, Inc.

-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG No.: A06-B305

Instrument ID Number: SUPERTRACE2 Method: P

Start Date: 10/4/2006 End Date: 10/4/2006

Sample ID.	D/F	Time	% R	Analytes																									
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN		
STD BLK	1.00	01:43		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		
STD 1	1.00	01:48		X	X	X	X	X	X		X	X	X	X	X		X		X		X	X		X	X	X			
STD 2	1.00	01:52		X	X	X	X	X	X		X	X	X	X	X		X		X		X	X		X	X	X			
STD 3	1.00	01:57		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
STD 3 VER	1.00	02:02		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICV	1.00	02:07		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICB	1.00	02:12		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CRI	1.00	02:16		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICSA	1.00	02:21		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICSAB	1.00	02:26		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCV	1.00	02:32		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB	1.00	02:37		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.00	02:42																											
ZZZZZZ	1.00	02:47																											
ZZZZZZ	5.00	02:52																											
ZZZZZZ	1.00	02:57																											
ZZZZZZ	1.00	03:02																											
ZZZZZZ	1.00	03:07																											
ZZZZZZ	1.00	03:12																											
ZZZZZZ	1.00	03:16																											
ZZZZZZ	1.00	03:21																											
ZZZZZZ	1.00	03:26																											
CCV	1.00	03:33		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB	1.00	03:38		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.00	03:42																											
ZZZZZZ	1.00	03:47																											
ZZZZZZ	1.00	03:52																											
ZZZZZZ	1.00	03:57																											
ZZZZZZ	5.00	04:02																											
ZZZZZZ	1.00	04:07																											
ZZZZZZ	1.00	04:12																											
ZZZZZZ	1.00	04:17																											
ZZZZZZ	1.00	04:22																											

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

STL BUFFALO

Ecology & Environment, Inc.
-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG No.: A06-B305

Instrument ID Number: SUPERTRACE2 Method: P

Start Date: 10/4/2006 End Date: 10/4/2006

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	04:26																										
CCV	1.00	04:33		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	04:38		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	04:43																										
ZZZZZZ	1.00	04:48																										
ZZZZZZ	1.00	04:52																										
ZZZZZZ	1.00	04:57																										
ZZZZZZ	1.00	05:02																										
ZZZZZZ	1.00	05:07																										
ZZZZZZ	1.00	05:12																										
ZZZZZZ	1.00	05:17																										
ZZZZZZ	5.00	05:22																										
ZZZZZZ	1.00	05:27																										
CCV	1.00	05:33		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	05:38		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	05:43																										
ZZZZZZ	1.00	05:48																										
ZZZZZZ	1.00	05:53																										
ZZZZZZ	5.00	05:58																										
ZZZZZZ	1.00	06:02																										
ZZZZZZ	1.00	06:07																										
ZZZZZZ	1.00	06:12																										
AD657932-MBLK	1.00	06:17		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
AD657931-LFB	1.00	06:22		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MW-04-GW	1.00	06:27		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV	1.00	06:33		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	06:38		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MW-06-GW	1.00	06:43		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MW-05-GW	1.00	06:48		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MW-02-GW	1.00	06:53		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MW-02-GWL	5.00	06:58		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MW-02-GWA	1.00	07:03		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MW-02-GW\MS	1.00	07:08		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

STL BUFFALO

Ecology & Environment, Inc.
-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG No.: A06-B305

Instrument ID Number: SUPERTRACE2 Method: P

Start Date: 10/4/2006 End Date: 10/4/2006

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
NM-MW-02-GW\SD	1.00	07:12		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MW-03-GW	1.00	07:17		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MW-01-GW	1.00	07:22		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MPI-04-GW	1.00	07:27		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV	1.00	07:33		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	07:38		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MPI-04-GW/D	1.00	07:43		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MPI-06-GW	1.00	07:48		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MPI-01-GW	1.00	07:53		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MPI-02-GW	1.00	07:58		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MW-DEC-GW	1.00	08:03		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MPI-03-GW	1.00	08:08		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MPI-05-GW	1.00	08:13		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
NM-MW-DOT-GW	1.00	08:18		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	08:22																										
CCV	1.00	08:29		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	08:34		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

STL BUFFALO

Ecology & Environment, Inc.

-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG No.: A06-B305

Instrument ID Number: LEEMAN PS200II Method: CV

Start Date: 10/4/2006 End Date: 10/4/2006

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
ICV	1.00	11:17																X												
ICB	1.00	11:18																X												
CRA	1.00	11:19																X												
CCV	1.00	11:20																X												
CCB	1.00	11:21																X												
ZZZZZZ	1.00	11:22																												
ZZZZZZ	1.00	11:23																												
ZZZZZZ	1.00	11:25																												
ZZZZZZ	1.00	11:26																												
ZZZZZZ	1.00	11:27																												
ZZZZZZ	1.00	11:28																												
ZZZZZZ	1.00	11:30																												
ZZZZZZ	1.00	11:31																												
ZZZZZZ	1.00	11:32																												
ZZZZZZ	1.00	11:33																												
CCV	1.00	11:34																X												
CCB	1.00	11:36																X												
ZZZZZZ	1.00	11:37																												
ZZZZZZ	1.00	11:38																												
ZZZZZZ	1.00	11:39																												
ZZZZZZ	1.00	11:41																												
ZZZZZZ	1.00	11:42																												
ZZZZZZ	1.00	11:43																												
ZZZZZZ	1.00	11:44																												
ZZZZZZ	1.00	11:46																												
ZZZZZZ	1.00	11:47																												
ZZZZZZ	1.00	11:48																												
CCV	1.00	11:50																X												
CCB	1.00	11:51																X												
ZZZZZZ	1.00	11:52																												
ZZZZZZ	1.00	11:53																												
ZZZZZZ	1.00	11:55																												
ZZZZZZ	1.00	11:56																												

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

STL BUFFALO

Ecology & Environment, Inc.

-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBLFO Case No.: SAS No.: SDG No.: A06-B305

Instrument ID Number: LEEMAN PS200II Method: CV

Start Date: 10/4/2006 End Date: 10/4/2006

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	11:57																												
ZZZZZZ	1.00	11:58																												
ZZZZZZ	1.00	12:00																												
ZZZZZZ	1.00	12:01																												
ZZZZZZ	1.00	12:02																												
ZZZZZZ	1.00	12:03																												
CCV	1.00	12:04																X												
CCB	1.00	12:05																X												
ZZZZZZ	1.00	12:07																												
ZZZZZZ	1.00	12:08																												
ZZZZZZ	1.00	12:09																												
ZZZZZZ	1.00	12:10																												
ZZZZZZ	1.00	12:12																												
ZZZZZZ	1.00	12:13																												
ZZZZZZ	1.00	12:15																												
ZZZZZZ	1.00	12:16																												
ZZZZZZ	1.00	12:17																												
ZZZZZZ	1.00	12:18																												
CCV	1.00	12:19																X												
CCB	1.00	12:20																X												
ZZZZZZ	1.00	12:21																												
ZZZZZZ	1.00	12:22																												
ZZZZZZ	1.00	12:24																												
ZZZZZZ	1.00	12:25																												
ZZZZZZ	1.00	12:27																												
ZZZZZZ	1.00	12:28																												
ZZZZZZ	1.00	12:29																												
ZZZZZZ	1.00	12:30																												
NM-MW-04-GW	1.00	12:32																X												
NM-MW-06-GW	1.00	12:33																X												
CCV	1.00	12:34																X												
CCB	1.00	12:36																X												
NM-MW-05-GW	1.00	12:37																X												

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

STL BUFFALO

Ecology & Environment, Inc.

-14-

ANALYSIS RUN LOG

Contract: NY04-571

Lab Code: STLBLFO Case No.: _____ SAS No.: _____ SDG No.: A06-B305

Instrument ID Number: LEEMAN PS200II Method: CV

Start Date: 10/4/2006 End Date: 10/4/2006

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
NM-MW-02-GW	1.00	12:39																X									
ZZZZZZ	1.00	12:40																									
NM-MW-02-GW\MS	1.00	12:41																X									
NM-MW-02-GW\SD	1.00	12:43																X									
NM-MW-03-GW	1.00	12:45																X									
NM-MW-01-GW	1.00	12:46																X									
NM-MPI-04-GW	1.00	12:47																X									
NM-MPI-04-GW/D	1.00	12:48																X									
NM-MPI-06-GW	1.00	12:50																X									
CCV	1.00	12:51																X									
CCB	1.00	12:53																X									
NM-MPI-01-GW	1.00	12:54																X									
NM-MPI-02-GW	1.00	12:55																X									
NM-MW-DEC-GW	1.00	12:56																X									
NM-MPI-03-GW	1.00	12:58																X									
NM-MPI-05-GW	1.00	12:59																X									
NM-MW-DOT-GW	1.00	13:00																X									
ZZZZZZ	1.00	13:01																									
ZZZZZZ	1.00	13:03																									
ZZZZZZ	1.00	13:04																									
ZZZZZZ	1.00	13:06																									
CCV	1.00	13:07																X									
CCB	1.00	13:08																X									
ZZZZZZ	1.00	13:09																									
AD658438-LCS	1.00	13:10																X									
AD658439-MBLK	1.00	13:11																X									
CRA	1.00	13:13																X									
CCV	1.00	13:14																X									
CCB	1.00	13:15																X									

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

Metals Raw Data

Analysis Report 10/04/06 08:45:19 AM page 1

STL Buffalo Analyst: AK

Primary Review: JWS Date: 10/4/06 Secondary Review: AK Date: 10-4-06
Spikes: 5-MDL-18, 2-MDL-22, 8-058-E, 8-098-F, 2-MDL-17
Pippettes: 08-11-06-(1-14)

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	STD BLK 8-107-A	A100306	TRACE2	10/03/06	11:16		X	IR
2	STD 1 8-103-C	A100306	TRACE2	10/03/06	11:21		X	IR
3	STD 2 8-103-D	A100306	TRACE2	10/03/06	11:25		X	IR
4	STD 3 8-103-B	A100306	TRACE2	10/03/06	11:30		X	IR
5	STD 3 VER ↓	A100306	TRACE2	10/03/06	11:35	AK	B	CONC
6	ICV 8-107-E	A100306	TRACE2	10/03/06	11:40	AK	Q	CONC
7	ICV	A100306	TRACE2	10/03/06	11:52	AK	Q	CONC
8	ICB 8-107-A	A100306	TRACE2	10/03/06	11:57	AK	B	CONC
9	CRI 8-100-A	A100306	TRACE2	10/03/06	12:01	AK	B	CONC
10	ICSA 8-106-B	A100306	TRACE2	10/03/06	12:06	AK	Q	CONC
11	ICSAB 8-104-C	A100306	TRACE2	10/03/06	12:11	AK	Q	CONC
12	CCV 8-107-F	A100306	TRACE2	10/03/06	12:17	AK	Q	CONC
13	CCB 8-107-A	A100306	TRACE2	10/03/06	12:29	AK	B	CONC
14	AD657239/CLPSL	A100306	TRACE2	10/03/06	12:33	AK	S	CONC
15	AD657218 B159	A100306	TRACE2	10/03/06	12:38	AK	S	CONC
16	AD657219	A100306	TRACE2	10/03/06	12:43	AK	S	CONC
17	AD657220	A100306	TRACE2	10/03/06	12:48	AK	S	CONC
18	AD657221	A100306	TRACE2	10/03/06	12:53	AK	S	CONC
19	AD657222	A100306	TRACE2	10/03/06	12:58	AK	S	CONC
20	AD657223	A100306	TRACE2	10/03/06	13:03	AK	S	CONC
21	AD657224	A100306	TRACE2	10/03/06	13:08	AK	S	CONC
22	AD657225	A100306	TRACE2	10/03/06	13:12	AK	S	CONC
23	AD657226	A100306	TRACE2	10/03/06	13:17	AK	S	CONC
24	CCV	A100306	TRACE2	10/03/06	13:24	AK	Q	CONC
25	CCB	A100306	TRACE2	10/03/06	13:28	AK	B	CONC
26	AD657227	A100306	TRACE2	10/03/06	13:33	AK	S	CONC
27	AD657228	A100306	TRACE2	10/03/06	13:38	AK	S	CONC
28	AD657229	A100306	TRACE2	10/03/06	13:43	AK	S	CONC
29	AD657229/L (1:5)	A100306	TRACE2	10/03/06	13:48	AK	S	CONC
30	AD657229/PS	A100306	TRACE2	10/03/06	13:53	AK	S	CONC
31	AD657230/MS	A100306	TRACE2	10/03/06	13:58	AK	S	CONC
32	AD657231/SD	A100306	TRACE2	10/03/06	14:02	AK	S	CONC
33	AD657378/PB	A100306	TRACE2	10/03/06	14:10	AK	S	CONC
34	AD657377/FB	A100306	TRACE2	10/03/06	14:15	AK	S	CONC
35	AD657356 B196	A100306	TRACE2	10/03/06	14:20	AK	S	CONC
36	CCV	A100306	TRACE2	10/03/06	14:26	AK	Q	CONC
37	CCB	A100306	TRACE2	10/03/06	14:31	AK	B	CONC
38	AD657357 B197	A100306	TRACE2	10/03/06	14:36	AK	S	CONC
39	AD657357/L (1:5)	A100306	TRACE2	10/03/06	14:41	AK	S	CONC
40	AD657357/PS	A100306	TRACE2	10/03/06	15:15	AK	S	CONC
41	AD657358/MS	A100306	TRACE2	10/03/06	15:19	AK	S	CONC
42	AD657359/SD	A100306	TRACE2	10/03/06	15:24	AK	S	CONC
43	AD657360 B199	A100306	TRACE2	10/03/06	15:29	AK	S	CONC
44	AD657361 B200	A100306	TRACE2	10/03/06	15:34	AK	S	CONC
45	AD657362 B201	A100306	TRACE2	10/03/06	15:39	AK	S	CONC
46	AD657363 B203	A100306	TRACE2	10/03/06	15:44	AK	S	CONC
47	AD657374 B262	A100306	TRACE2	10/03/06	15:49	AK	S	CONC
48	CCV	A100306	TRACE2	10/03/06	15:55	AK	Q	CONC

Analysis Report Summary 10/04/06 08:45:19 AM page 2

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
49	CCB	A100306	TRACE2	10/03/06	16:00	AK	B	CONC
50	AD657372/(1:10) B231	A100306	TRACE2	10/03/06	16:05	AK	S	CONC
51	AD657655/PB	A100306	TRACE2	10/03/06	16:09	AK	S	CONC
52	AD657654/FB	A100306	TRACE2	10/03/06	16:14	AK	S	CONC
53	AD657636 B198	A100306	TRACE2	10/03/06	16:19	AK	S	CONC
54	AD657637	A100306	TRACE2	10/03/06	16:24	AK	S	CONC
55	AD657638 B302	A100306	TRACE2	10/03/06	16:29	AK	S	CONC
56	AD657639	A100306	TRACE2	10/03/06	16:34	AK	S	CONC
57	AD657640	A100306	TRACE2	10/03/06	16:39	AK	S	CONC
58	AD657641	A100306	TRACE2	10/03/06	16:43	AK	S	CONC
59	AD657642	A100306	TRACE2	10/03/06	16:48	AK	S	CONC
60	CCV	A100306	TRACE2	10/03/06	16:55	AK	Q	CONC
61	CCB	A100306	TRACE2	10/03/06	17:00	AK	B	CONC
62	AD657643	A100306	TRACE2	10/03/06	17:04	AK	S	CONC
63	AD657644	A100306	TRACE2	10/03/06	17:09	AK	S	CONC
64	AD657645	A100306	TRACE2	10/03/06	17:14	AK	S	CONC
65	AD657646	A100306	TRACE2	10/03/06	17:19	AK	S	CONC
66	AD657647	A100306	TRACE2	10/03/06	17:24	AK	S	CONC
67	AD657648	A100306	TRACE2	10/03/06	17:29	AK	S	CONC
68	AD657649	A100306	TRACE2	10/03/06	17:34	AK	S	CONC
69	AD657649/L (1:5)	A100306	TRACE2	10/03/06	17:38	AK	S	CONC
70	AD657649/PS	A100306	TRACE2	10/03/06	17:43	AK	S	CONC
71	AD657650/MS	A100306	TRACE2	10/03/06	17:48	AK	S	CONC
72	CCV	A100306	TRACE2	10/03/06	17:54	AK	Q	CONC
73	CCB	A100306	TRACE2	10/03/06	17:59	AK	B	CONC
74	AD657651/SD	A100306	TRACE2	10/03/06	18:04	AK	S	CONC
75	AD657652	A100306	TRACE2	10/03/06	18:09	AK	S	CONC
76	AD657653	A100306	TRACE2	10/03/06	18:14	AK	S	CONC
77	CCV	A100306	TRACE2	10/03/06	18:20	AK	Q	CONC
78	CCB	A100306	TRACE2	10/03/06	18:25	AK	B	CONC
79	STD BLK	A100306	TRACE2	10/03/06	18:35		X	IR
80	STD 1	A100306	TRACE2	10/03/06	18:40		X	IR
81	STD 2	A100306	TRACE2	10/03/06	18:44		X	IR
82	STD 3	A100306	TRACE2	10/03/06	18:49		X	IR
83	STD 3 VER	A100306	TRACE2	10/03/06	18:54	AK	B	CONC
84	ICV	A100306	TRACE2	10/03/06	18:58	AK	Q	CONC
85	ICB	A100306	TRACE2	10/03/06	19:03	AK	B	CONC
86	CRI	A100306	TRACE2	10/03/06	19:08	AK	B	CONC
87	ICSA	A100306	TRACE2	10/03/06	19:13	AK	Q	CONC
88	ICSAB	A100306	TRACE2	10/03/06	19:18	AK	Q	CONC
89	CCV	A100306	TRACE2	10/03/06	19:24	AK	Q	CONC
90	CCB	A100306	TRACE2	10/03/06	19:29	AK	B	CONC
91	AD657285/PB	A100306	TRACE2	10/03/06	19:34	AK	S	CONC
92	AD657284/FB	A100306	TRACE2	10/03/06	19:39	AK	S	CONC
93	AD657275 B222	A100306	TRACE2	10/03/06	19:44	AK	S	CONC
94	AD657276	A100306	TRACE2	10/03/06	19:49	AK	S	CONC
95	AD657277	A100306	TRACE2	10/03/06	19:53	AK	S	CONC
96	AD657278	A100306	TRACE2	10/03/06	19:58	AK	S	CONC
97	AD657279	A100306	TRACE2	10/03/06	20:03	AK	S	CONC
98	AD657280	A100306	TRACE2	10/03/06	20:08	AK	S	CONC
99	AD657281 B224	A100306	TRACE2	10/03/06	20:13	AK	S	CONC
100	AD657281/L (1:5)	A100306	TRACE2	10/03/06	20:18	AK	S	CONC
101	CCV	A100306	TRACE2	10/03/06	20:24	AK	Q	CONC
102	CCB	A100306	TRACE2	10/03/06	20:29	AK	B	CONC

Analysis Report Summary 10/04/06 08:45:19 AM page 3

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
103	AD657281/PS B224	A100306	TRACE2	10/03/06	20:34	AK	S	CONC
104	AD657282/MD	A100306	TRACE2	10/03/06	20:39	AK	S	CONC
105	AD657283/MS	A100306	TRACE2	10/03/06	20:44	AK	S	CONC
106	AD657675/PB	A100306	TRACE2	10/03/06	20:48	AK	S	CONC
107	AD657674/FB	A100306	TRACE2	10/03/06	20:53	AK	S	CONC
108	AD657656 B314	A100306	TRACE2	10/03/06	20:58	AK	S	CONC
109	AD657657	A100306	TRACE2	10/03/06	21:03	AK	S	CONC
110	CRI	A100306	TRACE2	10/03/06	21:12	AK	B	CONC
111	ICSA	A100306	TRACE2	10/03/06	21:17	AK	Q	CONC
112	ICSAB	A100306	TRACE2	10/03/06	21:22	AK	Q	CONC
113	CCV	A100306	TRACE2	10/03/06	21:28	AK	Q	CONC
114	CCB	A100306	TRACE2	10/03/06	21:33	AK	B	CONC
115	AD657658	A100306	TRACE2	10/03/06	21:38	AK	S	CONC
116	AD657658/L (1:5)	A100306	TRACE2	10/03/06	21:43	AK	S	CONC
117	AD657658/PS	A100306	TRACE2	10/03/06	21:48	AK	S	CONC
118	AD657659/MS	A100306	TRACE2	10/03/06	21:53	AK	S	CONC
119	AD657660/SD	A100306	TRACE2	10/03/06	21:57	AK	S	CONC
120	AD657661	A100306	TRACE2	10/03/06	22:02	AK	S	CONC
121	AD657662	A100306	TRACE2	10/03/06	22:07	AK	S	CONC
122	AD657663	A100306	TRACE2	10/03/06	22:12	AK	S	CONC
123	AD657664	A100306	TRACE2	10/03/06	22:17	AK	S	CONC
124	AD657665	A100306	TRACE2	10/03/06	22:22	AK	S	CONC
125	CCV	A100306	TRACE2	10/03/06	22:28	AK	Q	CONC
126	CCB	A100306	TRACE2	10/03/06	22:33	AK	B	CONC
127	AD657666	A100306	TRACE2	10/03/06	22:38	AK	S	CONC
128	AD657667	A100306	TRACE2	10/03/06	22:43	AK	S	CONC
129	AD657668	A100306	TRACE2	10/03/06	22:48	AK	S	CONC
130	AD657669	A100306	TRACE2	10/03/06	22:53	AK	S	CONC
131	AD657670	A100306	TRACE2	10/03/06	22:57	AK	S	CONC
132	AD657671	A100306	TRACE2	10/03/06	23:02	AK	S	CONC
133	AD657672	A100306	TRACE2	10/03/06	23:07	AK	S	CONC
134	AD657673	A100306	TRACE2	10/03/06	23:12	AK	S	CONC
135	AD658125/PB	A100306	TRACE2	10/03/06	23:17	AK	S	CONC
136	AD658124/FB	A100306	TRACE2	10/03/06	23:22	AK	S	CONC
137	CCV	A100306	TRACE2	10/03/06	23:28	AK	Q	CONC
138	CCB AK 10406	A100306	TRACE2	10/03/06	23:33	AK	B	CONC
139	AD657107 ~~B3~~ B260	A100306	TRACE2	10/03/06	23:38	AK	S	CONC
140	AD657108 B344	A100306	TRACE2	10/03/06	23:43	AK	S	CONC
141	AD657109	A100306	TRACE2	10/03/06	23:48	AK	S	CONC
142	AD657110	A100306	TRACE2	10/03/06	23:53	AK	S	CONC
143	AD657110/L (1:5)	A100306	TRACE2	10/03/06	23:58	AK	S	CONC
144	AD657110/PS	A100306	TRACE2	10/04/06	00:02	AK	S	CONC
145	AD657111/MS	A100306	TRACE2	10/04/06	00:07	AK	S	CONC
146	AD657112/SD	A100306	TRACE2	10/04/06	00:12	AK	S	CONC
147	AD657113	A100306	TRACE2	10/04/06	00:17	AK	S	CONC
148	AD657114	A100306	TRACE2	10/04/06	00:22	AK	S	CONC
149	CCV	A100306	TRACE2	10/04/06	00:28	AK	Q	CONC
150	CCB	A100306	TRACE2	10/04/06	00:33	AK	B	CONC
151	AD657115	A100306	TRACE2	10/04/06	00:38	AK	S	CONC
152	AD657116	A100306	TRACE2	10/04/06	00:43	AK	S	CONC
153	AD657117	A100306	TRACE2	10/04/06	00:48	AK	S	CONC
154	AD657118	A100306	TRACE2	10/04/06	00:53	AK	S	CONC
155	AD657119	A100306	TRACE2	10/04/06	00:58	AK	S	CONC
156	AD657120	A100306	TRACE2	10/04/06	01:03	AK	S	CONC

Analysis Report Summary 10/04/06 08:45:19 AM page 4

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
157	AD657121 B346	A100306	TRACE2	10/04/06	01:07	AK	S	CONC
158	AD657122	A100306	TRACE2	10/04/06	01:12	AK	S	CONC
159	AD657123 B364	A100306	TRACE2	10/04/06	01:17	AK	S	CONC
160	AD658106/PB	A100306	TRACE2	10/04/06	01:22	AK	S	CONC
161	CCV	A100306	TRACE2	10/04/06	01:28	AK	Q	CONC
162	CCB	A100306	TRACE2	10/04/06	01:33	AK	B	CONC
163	STD BLK	A100306	TRACE2	10/04/06	01:43		X	IR
164	STD 1	A100306	TRACE2	10/04/06	01:48		X	IR
165	STD 2	A100306	TRACE2	10/04/06	01:52		X	IR
166	STD 3	A100306	TRACE2	10/04/06	01:57		X	IR
167	STD 3 VER	A100306	TRACE2	10/04/06	02:02	AK	B	CONC
168	ICV	A100306	TRACE2	10/04/06	02:07	AK	Q	CONC
169	ICB	A100306	TRACE2	10/04/06	02:12	AK	B	CONC
170	CRI	A100306	TRACE2	10/04/06	02:16	AK	B	CONC
171	ICSA	A100306	TRACE2	10/04/06	02:21	AK	Q	CONC
172	ICSAB	A100306	TRACE2	10/04/06	02:26	AK	Q	CONC
173	CCV	A100306	TRACE2	10/04/06	02:32	AK	Q	CONC
174	CCB	A100306	TRACE2	10/04/06	02:37	AK	B	CONC
175	AD658105/CLPSL	A100306	TRACE2	10/04/06	02:42	AK	S	CONC
176	AD658086 B347	A100306	TRACE2	10/04/06	02:47	AK	S	CONC
177	AD658086/L (1:5)	A100306	TRACE2	10/04/06	02:52	AK	S	CONC
178	AD658086/PS	A100306	TRACE2	10/04/06	02:57	AK	S	CONC
179	AD658087	A100306	TRACE2	10/04/06	03:02	AK	S	CONC
180	AD658088	A100306	TRACE2	10/04/06	03:07	AK	S	CONC
181	AD658089	A100306	TRACE2	10/04/06	03:12	AK	S	CONC
182	AD658090	A100306	TRACE2	10/04/06	03:16	AK	S	CONC
183	AD658091	A100306	TRACE2	10/04/06	03:21	AK	S	CONC
184	AD658092	A100306	TRACE2	10/04/06	03:26	AK	S	CONC
185	CCV	A100306	TRACE2	10/04/06	03:33	AK	Q	CONC
186	CCB	A100306	TRACE2	10/04/06	03:38	AK	B	CONC
187	AD658093	A100306	TRACE2	10/04/06	03:42	AK	S	CONC
188	AD658094 B364	A100306	TRACE2	10/04/06	03:47	AK	S	CONC
189	AD658095	A100306	TRACE2	10/04/06	03:52	AK	S	CONC
190	AD658096	A100306	TRACE2	10/04/06	03:57	AK	S	CONC
191	AD658096/L (1:5)	A100306	TRACE2	10/04/06	04:02	AK	S	CONC
192	AD658096/PS	A100306	TRACE2	10/04/06	04:07	AK	S	CONC
193	AD658097/MS	A100306	TRACE2	10/04/06	04:12	AK	S	CONC
194	AD658098/SD	A100306	TRACE2	10/04/06	04:17	AK	S	CONC
195	AD658099	A100306	TRACE2	10/04/06	04:22	AK	S	CONC
196	AD658100	A100306	TRACE2	10/04/06	04:26	AK	S	CONC
197	CCV	A100306	TRACE2	10/04/06	04:33	AK	Q	CONC
198	CCB	A100306	TRACE2	10/04/06	04:38	AK	B	CONC
199	AD658101	A100306	TRACE2	10/04/06	04:43	AK	S	CONC
200	AD658102	A100306	TRACE2	10/04/06	04:48	AK	S	CONC
201	AD658103	A100306	TRACE2	10/04/06	04:52	AK	S	CONC
202	AD658104	A100306	TRACE2	10/04/06	04:57	AK	S	CONC
203	AD657828/PB	A100306	TRACE2	10/04/06	05:02	AK	S	CONC
204	AD657827/LCS	A100306	TRACE2	10/04/06	05:07	AK	S	CONC
205	AD657826/EBLK	A100306	TRACE2	10/04/06	05:12	AK	S	CONC
206	AD657820 B295	A100306	TRACE2	10/04/06	05:17	AK	S	CONC
207	AD657820/L (1:5)	A100306	TRACE2	10/04/06	05:22	AK	S	CONC
208	AD657820/PS	A100306	TRACE2	10/04/06	05:27	AK	S	CONC
209	CCV	A100306	TRACE2	10/04/06	05:33	AK	Q	CONC
210	CCB	A100306	TRACE2	10/04/06	05:38	AK	B	CONC

Analysis Report Summary 10/04/06 08:45:19 AM page 5

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
211	AD657821 B295	A100306	TRACE2	10/04/06	05:43	AK	S	CONC
212	AD657822	A100306	TRACE2	10/04/06	05:48	AK	S	CONC
213	AD657823 B304	A100306	TRACE2	10/04/06	05:53	AK	S	CONC
214	AD657823/L (1:5)	A100306	TRACE2	10/04/06	05:58	AK	S	CONC
215	AD657823/PS	A100306	TRACE2	10/04/06	06:02	AK	S	CONC
216	AD657824/MS	A100306	TRACE2	10/04/06	06:07	AK	S	CONC
217	AD657825/SD	A100306	TRACE2	10/04/06	06:12	AK	S	CONC
218	AD657932/PB	A100306	TRACE2	10/04/06	06:17	AK	S	CONC
219	AD657931/FB	A100306	TRACE2	10/04/06	06:22	AK	S	CONC
220	AD657913 B305	A100306	TRACE2	10/04/06	06:27	AK	S	CONC
221	CCV	A100306	TRACE2	10/04/06	06:33	AK	Q	CONC
222	CCB	A100306	TRACE2	10/04/06	06:38	AK	B	CONC
223	AD657914	A100306	TRACE2	10/04/06	06:43	AK	S	CONC
224	AD657915	A100306	TRACE2	10/04/06	06:48	AK	S	CONC
225	AD657916	A100306	TRACE2	10/04/06	06:53	AK	S	CONC
226	AD657916/L (1:5)	A100306	TRACE2	10/04/06	06:58	AK	S	CONC
227	AD657916/PS	A100306	TRACE2	10/04/06	07:03	AK	S	CONC
228	AD657917/MS	A100306	TRACE2	10/04/06	07:08	AK	S	CONC
229	AD657918/SD	A100306	TRACE2	10/04/06	07:12	AK	S	CONC
230	AD657919	A100306	TRACE2	10/04/06	07:17	AK	S	CONC
231	AD657920	A100306	TRACE2	10/04/06	07:22	AK	S	CONC
232	AD657921	A100306	TRACE2	10/04/06	07:27	AK	S	CONC
233	CCV	A100306	TRACE2	10/04/06	07:33	AK	Q	CONC
234	CCB	A100306	TRACE2	10/04/06	07:38	AK	B	CONC
235	AD657922	A100306	TRACE2	10/04/06	07:43	AK	S	CONC
236	AD657923	A100306	TRACE2	10/04/06	07:48	AK	S	CONC
237	AD657924	A100306	TRACE2	10/04/06	07:53	AK	S	CONC
238	AD657925	A100306	TRACE2	10/04/06	07:58	AK	S	CONC
239	AD657926	A100306	TRACE2	10/04/06	08:03	AK	S	CONC
240	AD657927	A100306	TRACE2	10/04/06	08:08	AK	S	CONC
241	AD657928	A100306	TRACE2	10/04/06	08:13	AK	S	CONC
242	AD657929	A100306	TRACE2	10/04/06	08:18	AK	S	CONC
243	AD657930 B347	A100306	TRACE2	10/04/06	08:22	AK	S	CONC
244	CCV	A100306	TRACE2	10/04/06	08:29	AK	Q	CONC
245	CCB	A100306	TRACE2	10/04/06	08:34	AK	B	CONC

Method: TRACE2
Mode: Concentration
Standards Table: NAKCAMG
Data File: AJUL0306

Element	Wavelength	Date-of-Fit	Type-of-Fit	Correlation
Ca3179	317.933	07/03/06 11:13	Full Fit	.999992
K_7664	766.491	07/03/06 11:13	Full Fit	.999954
Mg2790	279.078	07/03/06 11:14	Full Fit	.999994
Na3302	330.232	07/03/06 11:14	Full Fit	.999898

Calibration Report 07/03/06 10:41:21 AM page 1

Method: TRACE2 Standard Name: STD BLK Operator:
Run Time: 07/03/06 10:38:26
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	.0344627	-.036596	.0000000	.0106733
SDev	.0004614	.003850	.0000000	.0021472
%RSD	1.338853	10.51975	.0000000	20.11748
#1	.0347890	-.033873	.0000000	.0091550
#2	.0341364	-.039318	.0000000	.0121916
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3279	--	--	--	--	--	--
SDev	2.863817	--	--	--	--	--	--
%RSD	.0873401	--	--	--	--	--	--
#1	3277	--	--	--	--	--	--
#2	3281	--	--	--	--	--	--

Calibration Report 07/03/06 10:46:35 AM

Method: TRACE2 Standard Name: STD 1 Operator:
Run Time: 07/03/06 10:43:40
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	5.844689	7.884703	11.61444	.3555748
SDev	.009214	.048078	.01854	.0060760
%RSD	.1576412	.6097642	.1595989	1.708775
#1	5.851204	7.918699	11.62755	.3598711
#2	5.838174	7.850706	11.60134	.3512784
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3269	--	--	--	--	--	--
SDev	14.10675	--	--	--	--	--	--
%RSD	.4314682	--	--	--	--	--	--
#1	3260	--	--	--	--	--	--
#2	3279	--	--	--	--	--	--

Calibration Report 07/03/06 10:52:34 AM page 1

Method: TRACE2 Standard Name: STD 2 Operator:
Run Time: 07/03/06 10:49:39
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	28.59180	37.97916	57.94985	1.668861
SDev	.00439	.00512	.08909	.009460
%RSD	.0153494	.0134731	.1537312	.5668352
#1	28.59490	37.98278	58.01284	1.675550
#2	28.58869	37.97554	57.88686	1.662172
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3301	--	--	--	--	--	--
SDev	11.93243	--	--	--	--	--	--
%RSD	.3614696	--	--	--	--	--	--
#1	3293	--	--	--	--	--	--
#2	3310	--	--	--	--	--	--

Calibration Report 07/03/06 10:59:55 AM page 1

Method: TRACE2 Standard Name: STD 3 Operator:
Run Time: 07/03/06 10:57:00
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	56.91817	72.28409	117.0670	3.429753
SDev	.02744	.04008	.1599	.010142
%RSD	.0482012	.0554451	.1365853	.2956931
#1	56.93757	72.25575	117.1801	3.436924
#2	56.89877	72.31242	116.9540	3.422582
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3318	--	--	--	--	--	--
SDev	9.811107	--	--	--	--	--	--
%RSD	.2956900	--	--	--	--	--	--
#1	3311	--	--	--	--	--	--
#2	3325	--	--	--	--	--	--

Calibration Report 07/03/06 11:05:29 AM

Method: TRACE2 Standard Name: NAKCAMG100 Operator:
Run Time: 07/03/06 11:02:34
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	112.1613	135.0629	236.2956	7.066421
SDev	.0231	.1086	.1484	.003994
%RSD	.0206006	.0804129	.0628164	.0565185
#1	112.1450	134.9861	236.4006	7.063596
#2	112.1776	135.1397	236.1906	7.069244
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3288	--	--	--	--	--	--
SDev	3.659312	--	--	--	--	--	--
%RSD	.1113044	--	--	--	--	--	--
#1	3290	--	--	--	--	--	--
#2	3285	--	--	--	--	--	--

Calibration Report 07/03/06 11:12:19 AM

Method: TRACE2 Standard Name: NAKCAMG400 Operator:
Run Time: 07/03/06 11:09:24
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	411.4849	425.2530	970.2967	30.47959
SDev	.5925	.2075	2.0954	.06203
%RSD	.1440011	.0487907	.2159572	.2035245
#1	411.9039	425.1064	971.7784	30.43572
#2	411.0659	425.3998	968.8151	30.52345
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3119	--	--	--	--	--	--
SDev	12.67492	--	--	--	--	--	--
%RSD	.4063403	--	--	--	--	--	--
#1	3110	--	--	--	--	--	--
#2	3128	--	--	--	--	--	--

Analysis Report Summary 10/04/06 08:45:42 AM page 1

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	AD657107	A100306	TRACE2	10/03/06	23:38	AK	S	CONC
2	AD657107	A100306	TRACE2	10/03/06	23:38	AK	S	CONC
3	AD657108	A100306	TRACE2	10/03/06	23:43	AK	S	CONC
4	AD657108	A100306	TRACE2	10/03/06	23:43	AK	S	CONC
5	AD657110	A100306	TRACE2	10/03/06	23:53	AK	S	CONC
6	AD657110/L (1:5)	A100306	TRACE2	10/03/06	23:58	AK	S	CONC
7	AD657110	A100306	TRACE2	10/03/06	23:53	AK	S	CONC
8	AD657110	A100306	TRACE2	10/03/06	23:53	AK	S	CONC
9	AD657112/SD	A100306	TRACE2	10/04/06	00:12	AK	S	CONC
10	AD657113	A100306	TRACE2	10/04/06	00:17	AK	S	CONC
11	AD657114	A100306	TRACE2	10/04/06	00:22	AK	S	CONC
12	AD657115	A100306	TRACE2	10/04/06	00:38	AK	S	CONC
13	AD657112/SD	A100306	TRACE2	10/04/06	00:12	AK	S	CONC
14	AD657112/SD	A100306	TRACE2	10/04/06	00:12	AK	S	CONC
15	AD657112/SD	A100306	TRACE2	10/04/06	00:12	AK	S	CONC
16	AD657112/SD	A100306	TRACE2	10/04/06	00:12	AK	S	CONC
17	AD657112/SD	A100306	TRACE2	10/04/06	00:12	AK	S	CONC
18	AD657112/SD	A100306	TRACE2	10/04/06	00:12	AK	S	CONC
19	AD657112/SD	A100306	TRACE2	10/04/06	00:12	AK	S	CONC
20	AD657112/SD	A100306	TRACE2	10/04/06	00:12	AK	S	CONC
21	AD657112/SD	A100306	TRACE2	10/04/06	00:12	AK	S	CONC
22	AD657112/SD	A100306	TRACE2	10/04/06	00:12	AK	S	CONC
23	AD657112/SD	A100306	TRACE2	10/04/06	00:12	AK	S	CONC
24	AD657112/SD	A100306	TRACE2	10/04/06	00:12	AK	S	CONC
25	AD657112/SD	A100306	TRACE2	10/04/06	00:12	AK	S	CONC
26	AD657112/SD	A100306	TRACE2	10/04/06	00:12	AK	S	CONC
27	AD657112/SD	A100306	TRACE2	10/04/06	00:12	AK	S	CONC
28	AD657112/SD	A100306	TRACE2	10/04/06	00:12	AK	S	CONC
29	AD657112/SD	A100306	TRACE2	10/04/06	00:12	AK	S	CONC
30	AD657112/SD	A100306	TRACE2	10/04/06	00:12	AK	S	CONC
31	AD657283/MS	A100306	TRACE2	10/03/06	20:44	AK	S	CONC
32	AD657372/(1:10)	A100306	TRACE2	10/03/06	16:05	AK	S	CONC
33	AD657372/(1:10)	A100306	TRACE2	10/03/06	16:05	AK	S	CONC
34	AD657372/(1:10)	A100306	TRACE2	10/03/06	16:05	AK	S	CONC
35	AD657275	A100306	TRACE2	10/03/06	19:44	AK	S	CONC
36	AD657275	A100306	TRACE2	10/03/06	19:44	AK	S	CONC
37	AD657275	A100306	TRACE2	10/03/06	19:44	AK	S	CONC
38	AD657275	A100306	TRACE2	10/03/06	19:44	AK	S	CONC
39	AD657285/PB	A100306	TRACE2	10/03/06	19:34	AK	S	CONC
40	AD657285/PB	A100306	TRACE2	10/03/06	19:34	AK	S	CONC
41	AD657285/PB	A100306	TRACE2	10/03/06	19:34	AK	S	CONC
42	AD657362	A100306	TRACE2	10/03/06	15:39	AK	S	CONC
43	AD657639	A100306	TRACE2	10/03/06	16:34	AK	S	CONC
44	AD657639	A100306	TRACE2	10/03/06	16:34	AK	S	CONC
45	AD657639	A100306	TRACE2	10/03/06	16:34	AK	S	CONC
46	AD657639	A100306	TRACE2	10/03/06	16:34	AK	S	CONC
47	AD657639	A100306	TRACE2	10/03/06	16:34	AK	S	CONC
48	AD657639	A100306	TRACE2	10/03/06	16:34	AK	S	CONC
49	AD657639	A100306	TRACE2	10/03/06	16:34	AK	S	CONC
50	AD657637	A100306	TRACE2	10/03/06	16:24	AK	S	CONC
51	AD657637	A100306	TRACE2	10/03/06	16:24	AK	S	CONC
52	AD657637	A100306	TRACE2	10/03/06	16:24	AK	S	CONC
53	AD657637	A100306	TRACE2	10/03/06	16:24	AK	S	CONC

Analysis Report Summary 10/04/06 08:45:42 AM page 2

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
54	AD657637	A100306	TRACE2	10/03/06	16:24	AK	S	CONC
55	AD657276	A100306	TRACE2	10/03/06	19:49	AK	S	CONC
56	AD657276	A100306	TRACE2	10/03/06	19:49	AK	S	CONC
57	AD657276	A100306	TRACE2	10/03/06	19:49	AK	S	CONC
58	AD657641	A100306	TRACE2	10/03/06	16:43	AK	S	CONC
59	AD657641	A100306	TRACE2	10/03/06	16:43	AK	S	CONC
60	AD657641	A100306	TRACE2	10/03/06	16:43	AK	S	CONC
61	AD657653	A100306	TRACE2	10/03/06	18:14	AK	S	CONC
62	AD657653	A100306	TRACE2	10/03/06	18:14	AK	S	CONC
63	AD657653	A100306	TRACE2	10/03/06	18:14	AK	S	CONC
64	AD657653	A100306	TRACE2	10/03/06	18:14	AK	S	CONC
65	AD657653	A100306	TRACE2	10/03/06	18:14	AK	S	CONC
66	AD657653	A100306	TRACE2	10/03/06	18:14	AK	S	CONC
67	AD657827/LCS	A100306	TRACE2	10/04/06	05:07	AK	S	CONC
68	AD657827/LCS	A100306	TRACE2	10/04/06	05:07	AK	S	CONC
69	AD657827/LCS	A100306	TRACE2	10/04/06	05:07	AK	S	CONC
70	AD657827/LCS	A100306	TRACE2	10/04/06	05:07	AK	S	CONC
71	AD657827/LCS	A100306	TRACE2	10/04/06	05:07	AK	S	CONC
72	AD657827/LCS	A100306	TRACE2	10/04/06	05:07	AK	S	CONC
73	AD657827/LCS	A100306	TRACE2	10/04/06	05:07	AK	S	CONC
74	AD657827/LCS	A100306	TRACE2	10/04/06	05:07	AK	S	CONC
75	AD657277	A100306	TRACE2	10/03/06	19:53	AK	S	CONC
76	AD657277	A100306	TRACE2	10/03/06	19:53	AK	S	CONC
77	AD657277	A100306	TRACE2	10/03/06	19:53	AK	S	CONC
78	AD657277	A100306	TRACE2	10/03/06	19:53	AK	S	CONC
79	AD657277	A100306	TRACE2	10/03/06	19:53	AK	S	CONC
80	AD657277	A100306	TRACE2	10/03/06	19:53	AK	S	CONC
81	AD657277	A100306	TRACE2	10/03/06	19:53	AK	S	CONC
82	AD657277	A100306	TRACE2	10/03/06	19:53	AK	S	CONC
83	AD657277	A100306	TRACE2	10/03/06	19:53	AK	S	CONC
84	AD657277	A100306	TRACE2	10/03/06	19:53	AK	S	CONC
85	AD657277	A100306	TRACE2	10/03/06	19:53	AK	S	CONC
86	AD657277	A100306	TRACE2	10/03/06	19:53	AK	S	CONC
87	AD657277	A100306	TRACE2	10/03/06	19:53	AK	S	CONC
88	AD657277	A100306	TRACE2	10/03/06	19:53	AK	S	CONC
89	AD657278	A100306	TRACE2	10/03/06	19:58	AK	S	CONC
90	AD657278	A100306	TRACE2	10/03/06	19:58	AK	S	CONC
91	AD657278	A100306	TRACE2	10/03/06	19:58	AK	S	CONC
92	AD657278	A100306	TRACE2	10/03/06	19:58	AK	S	CONC
93	AD657278	A100306	TRACE2	10/03/06	19:58	AK	S	CONC
94	AD657278	A100306	TRACE2	10/03/06	19:58	AK	S	CONC
95	AD657278	A100306	TRACE2	10/03/06	19:58	AK	S	CONC
96	AD657278	A100306	TRACE2	10/03/06	19:58	AK	S	CONC
97	AD657279	A100306	TRACE2	10/03/06	20:03	AK	S	CONC
98	AD657279	A100306	TRACE2	10/03/06	20:03	AK	S	CONC
99	AD657279	A100306	TRACE2	10/03/06	20:03	AK	S	CONC
100	AD657279	A100306	TRACE2	10/03/06	20:03	AK	S	CONC
101	AD657675/PB	A100306	TRACE2	10/03/06	20:48	AK	S	CONC
102	AD657675/PB	A100306	TRACE2	10/03/06	20:48	AK	S	CONC
103	AD657675/PB	A100306	TRACE2	10/03/06	20:48	AK	S	CONC
104	AD657913	A100306	TRACE2	10/04/06	06:27	AK	S	CONC
105	AD657913	A100306	TRACE2	10/04/06	06:27	AK	S	CONC
106	AD657913	A100306	TRACE2	10/04/06	06:27	AK	S	CONC
107	AD657913	A100306	TRACE2	10/04/06	06:27	AK	S	CONC

Analysis Report Summary 10/04/06 08:45:42 AM page 3

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
108	AD657913	A100306	TRACE2	10/04/06	06:27	AK	S	CONC
109	AD657916/L (1:5)	A100306	TRACE2	10/04/06	06:58	AK	S	CONC
110	AD657916/L (1:5)	A100306	TRACE2	10/04/06	06:58	AK	S	CONC
111	AD657916/L (1:5)	A100306	TRACE2	10/04/06	06:58	AK	S	CONC
112	AD657916/L (1:5)	A100306	TRACE2	10/04/06	06:58	AK	S	CONC
113	AD657916/L (1:5)	A100306	TRACE2	10/04/06	06:58	AK	S	CONC
114	AD657916/L (1:5)	A100306	TRACE2	10/04/06	06:58	AK	S	CONC
115	AD657916/L (1:5)	A100306	TRACE2	10/04/06	06:58	AK	S	CONC
116	AD657916/L (1:5)	A100306	TRACE2	10/04/06	06:58	AK	S	CONC
117	AD657916/L (1:5)	A100306	TRACE2	10/04/06	06:58	AK	S	CONC
118	AD657916/L (1:5)	A100306	TRACE2	10/04/06	06:58	AK	S	CONC
119	AD657916/L (1:5)	A100306	TRACE2	10/04/06	06:58	AK	S	CONC
120	AD657916/L (1:5)	A100306	TRACE2	10/04/06	06:58	AK	S	CONC
121	AD657916/PS	A100306	TRACE2	10/04/06	07:03	AK	S	CONC
122	AD657916/PS	A100306	TRACE2	10/04/06	07:03	AK	S	CONC
123	AD657916/PS	A100306	TRACE2	10/04/06	07:03	AK	S	CONC
124	AD657927	A100306	TRACE2	10/04/06	08:08	AK	S	CONC
125	AD657927	A100306	TRACE2	10/04/06	08:08	AK	S	CONC
126	AD657927	A100306	TRACE2	10/04/06	08:08	AK	S	CONC
127	AD657927	A100306	TRACE2	10/04/06	08:08	AK	S	CONC
128	AD657931/FB	A100306	TRACE2	10/04/06	06:22	AK	S	CONC
129	AD657931/FB	A100306	TRACE2	10/04/06	06:22	AK	S	CONC
130	AD657931/FB	A100306	TRACE2	10/04/06	06:22	AK	S	CONC
131	AD657931/FB	A100306	TRACE2	10/04/06	06:22	AK	S	CONC
132	AD657917/MS	A100306	TRACE2	10/04/06	07:08	AK	S	CONC
133	AD657917/MS	A100306	TRACE2	10/04/06	07:08	AK	S	CONC
134	AD657917/MS	A100306	TRACE2	10/04/06	07:08	AK	S	CONC
135	AD657917/MS	A100306	TRACE2	10/04/06	07:08	AK	S	CONC
136	AD657917/MS	A100306	TRACE2	10/04/06	07:08	AK	S	CONC
137	AD657917/MS	A100306	TRACE2	10/04/06	07:08	AK	S	CONC
138	AD657917/MS	A100306	TRACE2	10/04/06	07:08	AK	S	CONC
139	AD657917/MS	A100306	TRACE2	10/04/06	07:08	AK	S	CONC
140	AD657917/MS	A100306	TRACE2	10/04/06	07:08	AK	S	CONC
141	AD657917/MS	A100306	TRACE2	10/04/06	07:08	AK	S	CONC
142	AD657917/MS	A100306	TRACE2	10/04/06	07:08	AK	S	CONC
143	AD657917/MS	A100306	TRACE2	10/04/06	07:08	AK	S	CONC
144	AD657917/MS	A100306	TRACE2	10/04/06	07:08	AK	S	CONC
145	AD657917/MS	A100306	TRACE2	10/04/06	07:08	AK	S	CONC
146	AD657917/MS	A100306	TRACE2	10/04/06	07:08	AK	S	CONC
147	AD657917/MS	A100306	TRACE2	10/04/06	07:08	AK	S	CONC
148	AD657917/MS	A100306	TRACE2	10/04/06	07:08	AK	S	CONC
149	AD657917/MS	A100306	TRACE2	10/04/06	07:08	AK	S	CONC
150	AD657917/MS	A100306	TRACE2	10/04/06	07:08	AK	S	CONC
151	AD657823/L (1:5)	A100306	TRACE2	10/04/06	05:58	AK	S	CONC
152	AD657823/L (1:5)	A100306	TRACE2	10/04/06	05:58	AK	S	CONC
153	AD657918/SD	A100306	TRACE2	10/04/06	07:12	AK	S	CONC
154	AD657918/SD	A100306	TRACE2	10/04/06	07:12	AK	S	CONC
155	AD657918/SD	A100306	TRACE2	10/04/06	07:12	AK	S	CONC
156	AD657918/SD	A100306	TRACE2	10/04/06	07:12	AK	S	CONC
157	AD657918/SD	A100306	TRACE2	10/04/06	07:12	AK	S	CONC
158	AD657918/SD	A100306	TRACE2	10/04/06	07:12	AK	S	CONC
159	AD657918/SD	A100306	TRACE2	10/04/06	07:12	AK	S	CONC
160	AD657920	A100306	TRACE2	10/04/06	07:22	AK	S	CONC
161	AD657920	A100306	TRACE2	10/04/06	07:22	AK	S	CONC

Analysis Report Summary 10/04/06 08:45:42 AM page 4

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
162	AD657920	A100306	TRACE2	10/04/06	07:22	AK	S	CONC
163	AD657920	A100306	TRACE2	10/04/06	07:22	AK	S	CONC
164	AD657920	A100306	TRACE2	10/04/06	07:22	AK	S	CONC
165	AD657920	A100306	TRACE2	10/04/06	07:22	AK	S	CONC
166	AD657920	A100306	TRACE2	10/04/06	07:22	AK	S	CONC
167	AD657920	A100306	TRACE2	10/04/06	07:22	AK	S	CONC
168	AD657920	A100306	TRACE2	10/04/06	07:22	AK	S	CONC
169	AD657920	A100306	TRACE2	10/04/06	07:22	AK	S	CONC
170	AD657823/PS	A100306	TRACE2	10/04/06	06:02	AK	S	CONC
171	AD657823/PS	A100306	TRACE2	10/04/06	06:02	AK	S	CONC
172	AD657823/PS	A100306	TRACE2	10/04/06	06:02	AK	S	CONC
173	AD657823/PS	A100306	TRACE2	10/04/06	06:02	AK	S	CONC
174	AD657823/PS	A100306	TRACE2	10/04/06	06:02	AK	S	CONC
175	AD657823/PS	A100306	TRACE2	10/04/06	06:02	AK	S	CONC
176	AD657823/PS	A100306	TRACE2	10/04/06	06:02	AK	S	CONC
177	AD657823/PS	A100306	TRACE2	10/04/06	06:02	AK	S	CONC
178	AD657823/PS	A100306	TRACE2	10/04/06	06:02	AK	S	CONC
179	AD657823/PS	A100306	TRACE2	10/04/06	06:02	AK	S	CONC
180	AD657823/PS	A100306	TRACE2	10/04/06	06:02	AK	S	CONC
181	AD657929	A100306	TRACE2	10/04/06	08:18	AK	S	CONC
182	AD657929	A100306	TRACE2	10/04/06	08:18	AK	S	CONC
183	AD657929	A100306	TRACE2	10/04/06	08:18	AK	S	CONC
184	AD657929	A100306	TRACE2	10/04/06	08:18	AK	S	CONC
185	AD657929	A100306	TRACE2	10/04/06	08:18	AK	S	CONC
186	AD657929	A100306	TRACE2	10/04/06	08:18	AK	S	CONC
187	AD657929	A100306	TRACE2	10/04/06	08:18	AK	S	CONC
188	AD657929	A100306	TRACE2	10/04/06	08:18	AK	S	CONC
189	AD657929	A100306	TRACE2	10/04/06	08:18	AK	S	CONC
190	AD657824/MS	A100306	TRACE2	10/04/06	06:07	AK	S	CONC
191	AD657824/MS	A100306	TRACE2	10/04/06	06:07	AK	S	CONC
192	AD658096/PS	A100306	TRACE2	10/04/06	04:07	AK	S	CONC
193	AD658096/PS	A100306	TRACE2	10/04/06	04:07	AK	S	CONC
194	AD658096/PS	A100306	TRACE2	10/04/06	04:07	AK	S	CONC
195	AD658096/PS	A100306	TRACE2	10/04/06	04:07	AK	S	CONC
196	AD658100	A100306	TRACE2	10/04/06	04:26	AK	S	CONC
197	AD658100	A100306	TRACE2	10/04/06	04:26	AK	S	CONC
198	AD658100	A100306	TRACE2	10/04/06	04:26	AK	S	CONC
199	AD658100	A100306	TRACE2	10/04/06	04:26	AK	S	CONC
200	AD658100	A100306	TRACE2	10/04/06	04:26	AK	S	CONC
201	AD658100	A100306	TRACE2	10/04/06	04:26	AK	S	CONC
202	AD658100	A100306	TRACE2	10/04/06	04:26	AK	S	CONC
203	AD658100	A100306	TRACE2	10/04/06	04:26	AK	S	CONC
204	AD658100	A100306	TRACE2	10/04/06	04:26	AK	S	CONC
205	AD658100	A100306	TRACE2	10/04/06	04:26	AK	S	CONC
206	AD657825/SD	A100306	TRACE2	10/04/06	06:12	AK	S	CONC
207	AD657825/SD	A100306	TRACE2	10/04/06	06:12	AK	S	CONC
208	AD657825/SD	A100306	TRACE2	10/04/06	06:12	AK	S	CONC
209	AD657825/SD	A100306	TRACE2	10/04/06	06:12	AK	S	CONC
210	AD657825/SD	A100306	TRACE2	10/04/06	06:12	AK	S	CONC
211	AD657825/SD	A100306	TRACE2	10/04/06	06:12	AK	S	CONC
212	AD657825/SD	A100306	TRACE2	10/04/06	06:12	AK	S	CONC
213	AD657825/SD	A100306	TRACE2	10/04/06	06:12	AK	S	CONC
214	AD657825/SD	A100306	TRACE2	10/04/06	06:12	AK	S	CONC
215	AD657825/SD	A100306	TRACE2	10/04/06	06:12	AK	S	CONC

Analysis Report Summary 10/04/06 08:45:42 AM page 5

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
216	AD657825/SD	A100306	TRACE2	10/04/06	06:12	AK	S	CONC
217	AD657825/SD	A100306	TRACE2	10/04/06	06:12	AK	S	CONC
218	AD657930	A100306	TRACE2	10/04/06	08:22	AK	S	CONC
219	AD657930	A100306	TRACE2	10/04/06	08:22	AK	S	CONC
220	AD657930	A100306	TRACE2	10/04/06	08:22	AK	S	CONC
221	AD657930	A100306	TRACE2	10/04/06	08:22	AK	S	CONC
222	AD657930	A100306	TRACE2	10/04/06	08:22	AK	S	CONC
223	AD657930	A100306	TRACE2	10/04/06	08:22	AK	S	CONC
224	AD657930	A100306	TRACE2	10/04/06	08:22	AK	S	CONC
225	AD657930	A100306	TRACE2	10/04/06	08:22	AK	S	CONC
226	AD657930	A100306	TRACE2	10/04/06	08:22	AK	S	CONC
227	AD657930	A100306	TRACE2	10/04/06	08:22	AK	S	CONC
228	AD657930	A100306	TRACE2	10/04/06	08:22	AK	S	CONC
229	AD657930	A100306	TRACE2	10/04/06	08:22	AK	S	CONC
230	AD657930	A100306	TRACE2	10/04/06	08:22	AK	S	CONC
231	AD657930	A100306	TRACE2	10/04/06	08:22	AK	S	CONC
232	AD657930	A100306	TRACE2	10/04/06	08:22	AK	S	CONC
233	AD657930	A100306	TRACE2	10/04/06	08:22	AK	S	CONC
234	AD657930	A100306	TRACE2	10/04/06	08:22	AK	S	CONC
235	AD657930	A100306	TRACE2	10/04/06	08:22	AK	S	CONC
236	AD657930	A100306	TRACE2	10/04/06	08:22	AK	S	CONC
237	AD657930	A100306	TRACE2	10/04/06	08:22	AK	S	CONC
238	AD657930	A100306	TRACE2	10/04/06	08:22	AK	S	CONC
239	AD657930	A100306	TRACE2	10/04/06	08:22	AK	S	CONC
240	AD657930	A100306	TRACE2	10/04/06	08:22	AK	S	CONC
241	AD657930	A100306	TRACE2	10/04/06	08:22	AK	S	CONC
242	AD657930	A100306	TRACE2	10/04/06	08:22	AK	S	CONC
243	AD657930	A100306	TRACE2	10/04/06	08:22	AK	S	CONC
244	CCV	A100306	TRACE2	10/04/06	08:29	AK	Q	CONC
245	CCV	A100306	TRACE2	10/04/06	08:29	AK	Q	CONC

Analysis Report Averages 10/04/06 08:45:42 AM page 6

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
1	AD657107	.13688	.04940	6.6746	.40175	.00011	179.44
2	AD657107	.13688	.04940	6.6746	.40175	.00011	179.44
3	AD657108	3.3931	.00348	.07422	.19656	.00017	136.54
4	AD657108	3.3931	.00348	.07422	.19656	.00017	136.54
5	AD657110	.01838	.00189	.11930	.02387	.00003	67.548
6	AD657110/L (1:5)	.00637	.00124	.02579	.00509	.00002	13.733
7	AD657110	.01838	.00189	.11930	.02387	.00003	67.548
8	AD657110	.01838	.00189	.11930	.02387	.00003	67.548
9	AD657112/SD	10.359	.20883	.32130	.23523	.20675	79.589
10	AD657113	.21168	.00239	.25747	.14867	.00013	161.15
11	AD657114	.01600	.00009	.13562	.02274	.00005	113.64
12	AD657115	.48761	.00075	.07514	.02865	.00009	80.866
13	AD657112/SD	10.359	.20883	.32130	.23523	.20675	79.589
14	AD657112/SD	10.359	.20883	.32130	.23523	.20675	79.589
15	AD657112/SD	10.359	.20883	.32130	.23523	.20675	79.589
16	AD657112/SD	10.359	.20883	.32130	.23523	.20675	79.589
17	AD657112/SD	10.359	.20883	.32130	.23523	.20675	79.589
18	AD657112/SD	10.359	.20883	.32130	.23523	.20675	79.589
19	AD657112/SD	10.359	.20883	.32130	.23523	.20675	79.589
20	AD657112/SD	10.359	.20883	.32130	.23523	.20675	79.589
21	AD657112/SD	10.359	.20883	.32130	.23523	.20675	79.589
22	AD657112/SD	10.359	.20883	.32130	.23523	.20675	79.589
23	AD657112/SD	10.359	.20883	.32130	.23523	.20675	79.589
24	AD657112/SD	10.359	.20883	.32130	.23523	.20675	79.589
25	AD657112/SD	10.359	.20883	.32130	.23523	.20675	79.589
26	AD657112/SD	10.359	.20883	.32130	.23523	.20675	79.589
27	AD657112/SD	10.359	.20883	.32130	.23523	.20675	79.589
28	AD657112/SD	10.359	.20883	.32130	.23523	.20675	79.589
29	AD657112/SD	10.359	.20883	.32130	.23523	.20675	79.589
30	AD657112/SD	10.359	.20883	.32130	.23523	.20675	79.589
31	AD657283/MS	2.0639	.04153	3.8117	3.2627	.04989	254.61
32	AD657372/(1:10)	.16236	.02440	.40850	.01891	.00020	14.767
33	AD657372/(1:10)	.16236	.02440	.40850	.01891	.00020	14.767
34	AD657372/(1:10)	.16236	.02440	.40850	.01891	.00020	14.767
35	AD657275	.05328	-.00069	.00315	.00047	.00003	.14473
36	AD657275	.05328	-.00069	.00315	.00047	.00003	.14473
37	AD657275	.05328	-.00069	.00315	.00047	.00003	.14473
38	AD657275	.05328	-.00069	.00315	.00047	.00003	.14473
39	AD657285/PB	.07381	.00105	.00085	.00015	.00007	.07645
40	AD657285/PB	.07381	.00105	.00085	.00015	.00007	.07645
41	AD657285/PB	.07381	.00105	.00085	.00015	.00007	.07645
42	AD657362	.20480	-.00037	.01971	.07121	.00007	63.627
43	AD657639	.03430	-.00038	2.7532	.63728	.00006	92.666
44	AD657639	.03430	-.00038	2.7532	.63728	.00006	92.666
45	AD657639	.03430	-.00038	2.7532	.63728	.00006	92.666
46	AD657639	.03430	-.00038	2.7532	.63728	.00006	92.666
47	AD657639	.03430	-.00038	2.7532	.63728	.00006	92.666
48	AD657639	.03430	-.00038	2.7532	.63728	.00006	92.666
49	AD657639	.03430	-.00038	2.7532	.63728	.00006	92.666
50	AD657637	.17627	-.00029	.03474	.11161	.00018	106.20
51	AD657637	.17627	-.00029	.03474	.11161	.00018	106.20
52	AD657637	.17627	-.00029	.03474	.11161	.00018	106.20
53	AD657637	.17627	-.00029	.03474	.11161	.00018	106.20

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
54	AD657637	.17627	-.00029	.03474	.11161	.00018	106.20
55	AD657276	.04258	.00096	1.4878	.43655	.00002	199.21
56	AD657276	.04258	.00096	1.4878	.43655	.00002	199.21
57	AD657276	.04258	.00096	1.4878	.43655	.00002	199.21
58	AD657641	.29388	.00093	.03420	.04355	.00009	58.875
59	AD657641	.29388	.00093	.03420	.04355	.00009	58.875
60	AD657641	.29388	.00093	.03420	.04355	.00009	58.875
61	AD657653	.16392	-.00073	.48517	.07321	.00020	79.121
62	AD657653	.16392	-.00073	.48517	.07321	.00020	79.121
63	AD657653	.16392	-.00073	.48517	.07321	.00020	79.121
64	AD657653	.16392	-.00073	.48517	.07321	.00020	79.121
65	AD657653	.16392	-.00073	.48517	.07321	.00020	79.121
66	AD657653	.16392	-.00073	.48517	.07321	.00020	79.121
67	AD657827/LCS	.00979	1.0109	.06702	.99097	.95508	.65767
68	AD657827/LCS	.00979	1.0109	.06702	.99097	.95508	.65767
69	AD657827/LCS	.00979	1.0109	.06702	.99097	.95508	.65767
70	AD657827/LCS	.00979	1.0109	.06702	.99097	.95508	.65767
71	AD657827/LCS	.00979	1.0109	.06702	.99097	.95508	.65767
72	AD657827/LCS	.00979	1.0109	.06702	.99097	.95508	.65767
73	AD657827/LCS	.00979	1.0109	.06702	.99097	.95508	.65767
74	AD657827/LCS	.00979	1.0109	.06702	.99097	.95508	.65767
75	AD657277	.02627	.01110	2.6176	2.4075	-.00002	195.84
76	AD657277	.02627	.01110	2.6176	2.4075	-.00002	195.84
77	AD657277	.02627	.01110	2.6176	2.4075	-.00002	195.84
78	AD657277	.02627	.01110	2.6176	2.4075	-.00002	195.84
79	AD657277	.02627	.01110	2.6176	2.4075	-.00002	195.84
80	AD657277	.02627	.01110	2.6176	2.4075	-.00002	195.84
81	AD657277	.02627	.01110	2.6176	2.4075	-.00002	195.84
82	AD657277	.02627	.01110	2.6176	2.4075	-.00002	195.84
83	AD657277	.02627	.01110	2.6176	2.4075	-.00002	195.84
84	AD657277	.02627	.01110	2.6176	2.4075	-.00002	195.84
85	AD657277	.02627	.01110	2.6176	2.4075	-.00002	195.84
86	AD657277	.02627	.01110	2.6176	2.4075	-.00002	195.84
87	AD657277	.02627	.01110	2.6176	2.4075	-.00002	195.84
88	AD657277	.02627	.01110	2.6176	2.4075	-.00002	195.84
89	AD657278	.00985	.00248	.54491	.04860	-.00003	189.62
90	AD657278	.00985	.00248	.54491	.04860	-.00003	189.62
91	AD657278	.00985	.00248	.54491	.04860	-.00003	189.62
92	AD657278	.00985	.00248	.54491	.04860	-.00003	189.62
93	AD657278	.00985	.00248	.54491	.04860	-.00003	189.62
94	AD657278	.00985	.00248	.54491	.04860	-.00003	189.62
95	AD657278	.00985	.00248	.54491	.04860	-.00003	189.62
96	AD657278	.00985	.00248	.54491	.04860	-.00003	189.62
97	AD657279	.03220	.01675	.03692	.42021	-.00006	169.19
98	AD657279	.03220	.01675	.03692	.42021	-.00006	169.19
99	AD657279	.03220	.01675	.03692	.42021	-.00006	169.19
100	AD657279	.03220	.01675	.03692	.42021	-.00006	169.19
101	AD657675/PB	H.32810	-.00043	H.08477	.00092	-.00004	H.79253
102	AD657675/PB	H.32810	-.00043	H.08477	.00092	-.00004	H.79253
103	AD657675/PB	H.32810	-.00043	H.08477	.00092	-.00004	H.79253
104	AD657913	.95114	.03855	.03321	.08368	.00024	52.356
105	AD657913	.95114	.03855	.03321	.08368	.00024	52.356
106	AD657913	.95114	.03855	.03321	.08368	.00024	52.356
107	AD657913	.95114	.03855	.03321	.08368	.00024	52.356

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
108	AD657913	.95114	.03855	.03321	.08368	.00024	52.356
109	AD657916/L (1:5)	-.01869	.00084	.00272	.01261	.00001	16.094
110	AD657916/L (1:5)	-.01869	.00084	.00272	.01261	.00001	16.094
111	AD657916/L (1:5)	-.01869	.00084	.00272	.01261	.00001	16.094
112	AD657916/L (1:5)	-.01869	.00084	.00272	.01261	.00001	16.094
113	AD657916/L (1:5)	-.01869	.00084	.00272	.01261	.00001	16.094
114	AD657916/L (1:5)	-.01869	.00084	.00272	.01261	.00001	16.094
115	AD657916/L (1:5)	-.01869	.00084	.00272	.01261	.00001	16.094
116	AD657916/L (1:5)	-.01869	.00084	.00272	.01261	.00001	16.094
117	AD657916/L (1:5)	-.01869	.00084	.00272	.01261	.00001	16.094
118	AD657916/L (1:5)	-.01869	.00084	.00272	.01261	.00001	16.094
119	AD657916/L (1:5)	-.01869	.00084	.00272	.01261	.00001	16.094
120	AD657916/L (1:5)	-.01869	.00084	.00272	.01261	.00001	16.094
121	AD657916/PS	10.222	.21065	.21542	.27312	.20528	88.671
122	AD657916/PS	10.222	.21065	.21542	.27312	.20528	88.671
123	AD657916/PS	10.222	.21065	.21542	.27312	.20528	88.671
124	AD657927	.00102	.00187	.03868	.90970	.00016	207.68
125	AD657927	.00102	.00187	.03868	.90970	.00016	207.68
126	AD657927	.00102	.00187	.03868	.90970	.00016	207.68
127	AD657927	.00102	.00187	.03868	.90970	.00016	207.68
128	AD657931/FB	9.7422	.20041	.19199	.19877	.20011	9.5466
129	AD657931/FB	9.7422	.20041	.19199	.19877	.20011	9.5466
130	AD657931/FB	9.7422	.20041	.19199	.19877	.20011	9.5466
131	AD657931/FB	9.7422	.20041	.19199	.19877	.20011	9.5466
132	AD657917/MS	10.142	.20503	.21113	.27497	.20147	90.929
133	AD657917/MS	10.142	.20503	.21113	.27497	.20147	90.929
134	AD657917/MS	10.142	.20503	.21113	.27497	.20147	90.929
135	AD657917/MS	10.142	.20503	.21113	.27497	.20147	90.929
136	AD657917/MS	10.142	.20503	.21113	.27497	.20147	90.929
137	AD657917/MS	10.142	.20503	.21113	.27497	.20147	90.929
138	AD657917/MS	10.142	.20503	.21113	.27497	.20147	90.929
139	AD657917/MS	10.142	.20503	.21113	.27497	.20147	90.929
140	AD657917/MS	10.142	.20503	.21113	.27497	.20147	90.929
141	AD657917/MS	10.142	.20503	.21113	.27497	.20147	90.929
142	AD657917/MS	10.142	.20503	.21113	.27497	.20147	90.929
143	AD657917/MS	10.142	.20503	.21113	.27497	.20147	90.929
144	AD657917/MS	10.142	.20503	.21113	.27497	.20147	90.929
145	AD657917/MS	10.142	.20503	.21113	.27497	.20147	90.929
146	AD657917/MS	10.142	.20503	.21113	.27497	.20147	90.929
147	AD657917/MS	10.142	.20503	.21113	.27497	.20147	90.929
148	AD657917/MS	10.142	.20503	.21113	.27497	.20147	90.929
149	AD657917/MS	10.142	.20503	.21113	.27497	.20147	90.929
150	AD657917/MS	10.142	.20503	.21113	.27497	.20147	90.929
151	AD657823/L (1:5)	.03954	.00100	.02351	.12247	.00010	47.985
152	AD657823/L (1:5)	.03954	.00100	.02351	.12247	.00010	47.985
153	AD657918/SD	10.250	.21102	.21256	.28003	.20490	92.801
154	AD657918/SD	10.250	.21102	.21256	.28003	.20490	92.801
155	AD657918/SD	10.250	.21102	.21256	.28003	.20490	92.801
156	AD657918/SD	10.250	.21102	.21256	.28003	.20490	92.801
157	AD657918/SD	10.250	.21102	.21256	.28003	.20490	92.801
158	AD657918/SD	10.250	.21102	.21256	.28003	.20490	92.801
159	AD657918/SD	10.250	.21102	.21256	.28003	.20490	92.801
160	AD657920	10.040	.01185	.05694	.08121	.00032	26.684
161	AD657920	10.040	.01185	.05694	.08121	.00032	26.684

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
162	AD657920	10.040	.01185	.05694	.08121	.00032	26.684
163	AD657920	10.040	.01185	.05694	.08121	.00032	26.684
164	AD657920	10.040	.01185	.05694	.08121	.00032	26.684
165	AD657920	10.040	.01185	.05694	.08121	.00032	26.684
166	AD657920	10.040	.01185	.05694	.08121	.00032	26.684
167	AD657920	10.040	.01185	.05694	.08121	.00032	26.684
168	AD657920	10.040	.01185	.05694	.08121	.00032	26.684
169	AD657920	10.040	.01185	.05694	.08121	.00032	26.684
170	AD657823/PS	.29851	1.0406	.11654	1.6046	1.0089	237.67
171	AD657823/PS	.29851	1.0406	.11654	1.6046	1.0089	237.67
172	AD657823/PS	.29851	1.0406	.11654	1.6046	1.0089	237.67
173	AD657823/PS	.29851	1.0406	.11654	1.6046	1.0089	237.67
174	AD657823/PS	.29851	1.0406	.11654	1.6046	1.0089	237.67
175	AD657823/PS	.29851	1.0406	.11654	1.6046	1.0089	237.67
176	AD657823/PS	.29851	1.0406	.11654	1.6046	1.0089	237.67
177	AD657823/PS	.29851	1.0406	.11654	1.6046	1.0089	237.67
178	AD657823/PS	.29851	1.0406	.11654	1.6046	1.0089	237.67
179	AD657823/PS	.29851	1.0406	.11654	1.6046	1.0089	237.67
180	AD657823/PS	.29851	1.0406	.11654	1.6046	1.0089	237.67
181	AD657929	.39379	.00512	.04296	.73260	.00017	237.21
182	AD657929	.39379	.00512	.04296	.73260	.00017	237.21
183	AD657929	.39379	.00512	.04296	.73260	.00017	237.21
184	AD657929	.39379	.00512	.04296	.73260	.00017	237.21
185	AD657929	.39379	.00512	.04296	.73260	.00017	237.21
186	AD657929	.39379	.00512	.04296	.73260	.00017	237.21
187	AD657929	.39379	.00512	.04296	.73260	.00017	237.21
188	AD657929	.39379	.00512	.04296	.73260	.00017	237.21
189	AD657929	.39379	.00512	.04296	.73260	.00017	237.21
190	AD657824/MS	.10799	.93353	.08521	1.3925	.86700	230.35
191	AD657824/MS	.10799	.93353	.08521	1.3925	.86700	230.35
192	AD658096/PS	36.053	.41028	.38150	.51552	.40283	23.120
193	AD658096/PS	36.053	.41028	.38150	.51552	.40283	23.120
194	AD658096/PS	36.053	.41028	.38150	.51552	.40283	23.120
195	AD658096/PS	36.053	.41028	.38150	.51552	.40283	23.120
196	AD658100	19.805	.02834	.00622	.14122	.00165	8.4734
197	AD658100	19.805	.02834	.00622	.14122	.00165	8.4734
198	AD658100	19.805	.02834	.00622	.14122	.00165	8.4734
199	AD658100	19.805	.02834	.00622	.14122	.00165	8.4734
200	AD658100	19.805	.02834	.00622	.14122	.00165	8.4734
201	AD658100	19.805	.02834	.00622	.14122	.00165	8.4734
202	AD658100	19.805	.02834	.00622	.14122	.00165	8.4734
203	AD658100	19.805	.02834	.00622	.14122	.00165	8.4734
204	AD658100	19.805	.02834	.00622	.14122	.00165	8.4734
205	AD658100	19.805	.02834	.00622	.14122	.00165	8.4734
206	AD657825/SD	.11591	.99732	.08631	1.4721	.92118	232.86
207	AD657825/SD	.11591	.99732	.08631	1.4721	.92118	232.86
208	AD657825/SD	.11591	.99732	.08631	1.4721	.92118	232.86
209	AD657825/SD	.11591	.99732	.08631	1.4721	.92118	232.86
210	AD657825/SD	.11591	.99732	.08631	1.4721	.92118	232.86
211	AD657825/SD	.11591	.99732	.08631	1.4721	.92118	232.86
212	AD657825/SD	.11591	.99732	.08631	1.4721	.92118	232.86
213	AD657825/SD	.11591	.99732	.08631	1.4721	.92118	232.86
214	AD657825/SD	.11591	.99732	.08631	1.4721	.92118	232.86
215	AD657825/SD	.11591	.99732	.08631	1.4721	.92118	232.86

Analysis Report Averages 10/04/06 08:45:42 AM page 10

#	Sample Name	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
216	AD657825/SD	.11591	.99732	.08631	1.4721	.92118	232.86
217	AD657825/SD	.11591	.99732	.08631	1.4721	.92118	232.86
218	AD657930	-.00818	.00175	.00379	.00027	.00000	.10063
219	AD657930	-.00818	.00175	.00379	.00027	.00000	.10063
220	AD657930	-.00818	.00175	.00379	.00027	.00000	.10063
221	AD657930	-.00818	.00175	.00379	.00027	.00000	.10063
222	AD657930	-.00818	.00175	.00379	.00027	.00000	.10063
223	AD657930	-.00818	.00175	.00379	.00027	.00000	.10063
224	AD657930	-.00818	.00175	.00379	.00027	.00000	.10063
225	AD657930	-.00818	.00175	.00379	.00027	.00000	.10063
226	AD657930	-.00818	.00175	.00379	.00027	.00000	.10063
227	AD657930	-.00818	.00175	.00379	.00027	.00000	.10063
228	AD657930	-.00818	.00175	.00379	.00027	.00000	.10063
229	AD657930	-.00818	.00175	.00379	.00027	.00000	.10063
230	AD657930	-.00818	.00175	.00379	.00027	.00000	.10063
231	AD657930	-.00818	.00175	.00379	.00027	.00000	.10063
232	AD657930	-.00818	.00175	.00379	.00027	.00000	.10063
233	AD657930	-.00818	.00175	.00379	.00027	.00000	.10063
234	AD657930	-.00818	.00175	.00379	.00027	.00000	.10063
235	AD657930	-.00818	.00175	.00379	.00027	.00000	.10063
236	AD657930	-.00818	.00175	.00379	.00027	.00000	.10063
237	AD657930	-.00818	.00175	.00379	.00027	.00000	.10063
238	AD657930	-.00818	.00175	.00379	.00027	.00000	.10063
239	AD657930	-.00818	.00175	.00379	.00027	.00000	.10063
240	AD657930	-.00818	.00175	.00379	.00027	.00000	.10063
241	AD657930	-.00818	.00175	.00379	.00027	.00000	.10063
242	AD657930	-.00818	.00175	.00379	.00027	.00000	.10063
243	AD657930	-.00818	.00175	.00379	.00027	.00000	.10063
244	CCV	25.237	.49267	.48664	.50461	.50901	25.047
245	CCV	25.237	.49267	.48664	.50461	.50901	25.047

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
1	AD657107	.00022	.03141	.03214	.00976	6.1472	398.54
2	AD657107	.00022	.03141	.03214	.00976	6.1472	398.54
3	AD657108	.00001	.00268	.00980	.01337	3.3589	5.5945
4	AD657108	.00001	.00268	.00980	.01337	3.3589	5.5945
5	AD657110	-.00008	.00053	.00306	.00018	.00157	6.2531
6	AD657110/L (1:5)	.00009	.00038	.00080	-.00069	.00542	1.1661
7	AD657110	-.00008	.00053	.00306	.00018	.00157	6.2531
8	AD657110	-.00008	.00053	.00306	.00018	.00157	6.2531
9	AD657112/SD	.20237	.20135	.20831	.20643	10.126	17.574
10	AD657113	.00002	.00056	.00199	.00102	.24981	7.8823
11	AD657114	-.00004	.00025	.00318	.00016	.01143	6.8709
12	AD657115	.00016	.00061	.00391	.00102	.55727	5.2023
13	AD657112/SD	.20237	.20135	.20831	.20643	10.126	17.574
14	AD657112/SD	.20237	.20135	.20831	.20643	10.126	17.574
15	AD657112/SD	.20237	.20135	.20831	.20643	10.126	17.574
16	AD657112/SD	.20237	.20135	.20831	.20643	10.126	17.574
17	AD657112/SD	.20237	.20135	.20831	.20643	10.126	17.574
18	AD657112/SD	.20237	.20135	.20831	.20643	10.126	17.574
19	AD657112/SD	.20237	.20135	.20831	.20643	10.126	17.574
20	AD657112/SD	.20237	.20135	.20831	.20643	10.126	17.574

Analysis Report Averages 10/04/06 08:45:42 AM page 11

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
21	AD657112/SD	.20237	.20135	.20831	.20643	10.126	17.574
22	AD657112/SD	.20237	.20135	.20831	.20643	10.126	17.574
23	AD657112/SD	.20237	.20135	.20831	.20643	10.126	17.574
24	AD657112/SD	.20237	.20135	.20831	.20643	10.126	17.574
25	AD657112/SD	.20237	.20135	.20831	.20643	10.126	17.574
26	AD657112/SD	.20237	.20135	.20831	.20643	10.126	17.574
27	AD657112/SD	.20237	.20135	.20831	.20643	10.126	17.574
28	AD657112/SD	.20237	.20135	.20831	.20643	10.126	17.574
29	AD657112/SD	.20237	.20135	.20831	.20643	10.126	17.574
30	AD657112/SD	.20237	.20135	.20831	.20643	10.126	17.574
31	AD657283/MS	.04792	.49622	.20119	.26343	21.235	77.189
32	AD657372/(1:10)	.00019	.00267	.05874	.00166	1.0455	25.254
33	AD657372/(1:10)	.00019	.00267	.05874	.00166	1.0455	25.254
34	AD657372/(1:10)	.00019	.00267	.05874	.00166	1.0455	25.254
35	AD657275	.00016	.00052	.00088	-.00021	.02204	.00234
36	AD657275	.00016	.00052	.00088	-.00021	.02204	.00234
37	AD657275	.00016	.00052	.00088	-.00021	.02204	.00234
38	AD657275	.00016	.00052	.00088	-.00021	.02204	.00234
39	AD657285/PB	.00036	.00096	.00062	-.00004	.02676	-.00598
40	AD657285/PB	.00036	.00096	.00062	-.00004	.02676	-.00598
41	AD657285/PB	.00036	.00096	.00062	-.00004	.02676	-.00598
42	AD657362	.00004	.00012	.00055	.00075	2.7964	3.7775
43	AD657639	.00084	.00071	.00139	.00357	4.7173	60.989
44	AD657639	.00084	.00071	.00139	.00357	4.7173	60.989
45	AD657639	.00084	.00071	.00139	.00357	4.7173	60.989
46	AD657639	.00084	.00071	.00139	.00357	4.7173	60.989
47	AD657639	.00084	.00071	.00139	.00357	4.7173	60.989
48	AD657639	.00084	.00071	.00139	.00357	4.7173	60.989
49	AD657639	.00084	.00071	.00139	.00357	4.7173	60.989
50	AD657637	.00019	.00057	.00074	.00137	2.2215	4.5933
51	AD657637	.00019	.00057	.00074	.00137	2.2215	4.5933
52	AD657637	.00019	.00057	.00074	.00137	2.2215	4.5933
53	AD657637	.00019	.00057	.00074	.00137	2.2215	4.5933
54	AD657637	.00019	.00057	.00074	.00137	2.2215	4.5933
55	AD657276	.00037	.00407	.00079	.00412	12.551	22.379
56	AD657276	.00037	.00407	.00079	.00412	12.551	22.379
57	AD657276	.00037	.00407	.00079	.00412	12.551	22.379
58	AD657641	.00053	.00054	.00159	.00651	.50018	11.523
59	AD657641	.00053	.00054	.00159	.00651	.50018	11.523
60	AD657641	.00053	.00054	.00159	.00651	.50018	11.523
61	AD657653	.00105	.00032	.00221	-.00013	1.3002	12.912
62	AD657653	.00105	.00032	.00221	-.00013	1.3002	12.912
63	AD657653	.00105	.00032	.00221	-.00013	1.3002	12.912
64	AD657653	.00105	.00032	.00221	-.00013	1.3002	12.912
65	AD657653	.00105	.00032	.00221	-.00013	1.3002	12.912
66	AD657653	.00105	.00032	.00221	-.00013	1.3002	12.912
67	AD657827/LCS	.98311	.95838	.92973	1.0171	.05779	1.6142
68	AD657827/LCS	.98311	.95838	.92973	1.0171	.05779	1.6142
69	AD657827/LCS	.98311	.95838	.92973	1.0171	.05779	1.6142
70	AD657827/LCS	.98311	.95838	.92973	1.0171	.05779	1.6142
71	AD657827/LCS	.98311	.95838	.92973	1.0171	.05779	1.6142
72	AD657827/LCS	.98311	.95838	.92973	1.0171	.05779	1.6142
73	AD657827/LCS	.98311	.95838	.92973	1.0171	.05779	1.6142
74	AD657827/LCS	.98311	.95838	.92973	1.0171	.05779	1.6142

Analysis Report Averages 10/04/06 08:45:42 AM page 12

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
75	AD657277	.00007	.00294	.00172	.00131	24.383	63.048
76	AD657277	.00007	.00294	.00172	.00131	24.383	63.048
77	AD657277	.00007	.00294	.00172	.00131	24.383	63.048
78	AD657277	.00007	.00294	.00172	.00131	24.383	63.048
79	AD657277	.00007	.00294	.00172	.00131	24.383	63.048
80	AD657277	.00007	.00294	.00172	.00131	24.383	63.048
81	AD657277	.00007	.00294	.00172	.00131	24.383	63.048
82	AD657277	.00007	.00294	.00172	.00131	24.383	63.048
83	AD657277	.00007	.00294	.00172	.00131	24.383	63.048
84	AD657277	.00007	.00294	.00172	.00131	24.383	63.048
85	AD657277	.00007	.00294	.00172	.00131	24.383	63.048
86	AD657277	.00007	.00294	.00172	.00131	24.383	63.048
87	AD657277	.00007	.00294	.00172	.00131	24.383	63.048
88	AD657277	.00007	.00294	.00172	.00131	24.383	63.048
89	AD657278	.00064	.01422	.00026	.00043	7.1811	11.368
90	AD657278	.00064	.01422	.00026	.00043	7.1811	11.368
91	AD657278	.00064	.01422	.00026	.00043	7.1811	11.368
92	AD657278	.00064	.01422	.00026	.00043	7.1811	11.368
93	AD657278	.00064	.01422	.00026	.00043	7.1811	11.368
94	AD657278	.00064	.01422	.00026	.00043	7.1811	11.368
95	AD657278	.00064	.01422	.00026	.00043	7.1811	11.368
96	AD657278	.00064	.01422	.00026	.00043	7.1811	11.368
97	AD657279	.00002	.00164	.00093	.00077	2.5622	2.7161
98	AD657279	.00002	.00164	.00093	.00077	2.5622	2.7161
99	AD657279	.00002	.00164	.00093	.00077	2.5622	2.7161
100	AD657279	.00002	.00164	.00093	.00077	2.5622	2.7161
101	AD657675/PB	.00003	.00021	.00093	.00075	.02127	.04359
102	AD657675/PB	.00003	.00021	.00093	.00075	.02127	.04359
103	AD657675/PB	.00003	.00021	.00093	.00075	.02127	.04359
104	AD657913	.00081	.00602	.00178	.00575	109.73	1.8321
105	AD657913	.00081	.00602	.00178	.00575	109.73	1.8321
106	AD657913	.00081	.00602	.00178	.00575	109.73	1.8321
107	AD657913	.00081	.00602	.00178	.00575	109.73	1.8321
108	AD657913	.00081	.00602	.00178	.00575	109.73	1.8321
109	AD657916/L (1:5)	.00000	.00070	-.00023	-.00001	15.198	.45667
110	AD657916/L (1:5)	.00000	.00070	-.00023	-.00001	15.198	.45667
111	AD657916/L (1:5)	.00000	.00070	-.00023	-.00001	15.198	.45667
112	AD657916/L (1:5)	.00000	.00070	-.00023	-.00001	15.198	.45667
113	AD657916/L (1:5)	.00000	.00070	-.00023	-.00001	15.198	.45667
114	AD657916/L (1:5)	.00000	.00070	-.00023	-.00001	15.198	.45667
115	AD657916/L (1:5)	.00000	.00070	-.00023	-.00001	15.198	.45667
116	AD657916/L (1:5)	.00000	.00070	-.00023	-.00001	15.198	.45667
117	AD657916/L (1:5)	.00000	.00070	-.00023	-.00001	15.198	.45667
118	AD657916/L (1:5)	.00000	.00070	-.00023	-.00001	15.198	.45667
119	AD657916/L (1:5)	.00000	.00070	-.00023	-.00001	15.198	.45667
120	AD657916/L (1:5)	.00000	.00070	-.00023	-.00001	15.198	.45667
121	AD657916/PS	.20388	.20484	.20556	.20962	82.820	13.103
122	AD657916/PS	.20388	.20484	.20556	.20962	82.820	13.103
123	AD657916/PS	.20388	.20484	.20556	.20962	82.820	13.103
124	AD657927	.00019	.00034	.00174	.00017	90.818	3.4889
125	AD657927	.00019	.00034	.00174	.00017	90.818	3.4889
126	AD657927	.00019	.00034	.00174	.00017	90.818	3.4889
127	AD657927	.00019	.00034	.00174	.00017	90.818	3.4889
128	AD657931/FB	.19872	.19656	.20102	.19948	9.8454	9.8357

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
129	AD657931/FB	.19872	.19656	.20102	.19948	9.8454	9.8357
130	AD657931/FB	.19872	.19656	.20102	.19948	9.8454	9.8357
131	AD657931/FB	.19872	.19656	.20102	.19948	9.8454	9.8357
132	AD657917/MS	.19616	.19951	.19981	.20253	84.492	12.993
133	AD657917/MS	.19616	.19951	.19981	.20253	84.492	12.993
134	AD657917/MS	.19616	.19951	.19981	.20253	84.492	12.993
135	AD657917/MS	.19616	.19951	.19981	.20253	84.492	12.993
136	AD657917/MS	.19616	.19951	.19981	.20253	84.492	12.993
137	AD657917/MS	.19616	.19951	.19981	.20253	84.492	12.993
138	AD657917/MS	.19616	.19951	.19981	.20253	84.492	12.993
139	AD657917/MS	.19616	.19951	.19981	.20253	84.492	12.993
140	AD657917/MS	.19616	.19951	.19981	.20253	84.492	12.993
141	AD657917/MS	.19616	.19951	.19981	.20253	84.492	12.993
142	AD657917/MS	.19616	.19951	.19981	.20253	84.492	12.993
143	AD657917/MS	.19616	.19951	.19981	.20253	84.492	12.993
144	AD657917/MS	.19616	.19951	.19981	.20253	84.492	12.993
145	AD657917/MS	.19616	.19951	.19981	.20253	84.492	12.993
146	AD657917/MS	.19616	.19951	.19981	.20253	84.492	12.993
147	AD657917/MS	.19616	.19951	.19981	.20253	84.492	12.993
148	AD657917/MS	.19616	.19951	.19981	.20253	84.492	12.993
149	AD657917/MS	.19616	.19951	.19981	.20253	84.492	12.993
150	AD657917/MS	.19616	.19951	.19981	.20253	84.492	12.993
151	AD657823/L (1:5)	.00056	.00248	-.00010	.00446	-.01549	.54412
152	AD657823/L (1:5)	.00056	.00248	-.00010	.00446	-.01549	.54412
153	AD657918/SD	.19893	.20228	.20288	.20632	85.317	13.100
154	AD657918/SD	.19893	.20228	.20288	.20632	85.317	13.100
155	AD657918/SD	.19893	.20228	.20288	.20632	85.317	13.100
156	AD657918/SD	.19893	.20228	.20288	.20632	85.317	13.100
157	AD657918/SD	.19893	.20228	.20288	.20632	85.317	13.100
158	AD657918/SD	.19893	.20228	.20288	.20632	85.317	13.100
159	AD657918/SD	.19893	.20228	.20288	.20632	85.317	13.100
160	AD657920	-.00009	.00420	.01233	.01695	10.293	2.8215
161	AD657920	-.00009	.00420	.01233	.01695	10.293	2.8215
162	AD657920	-.00009	.00420	.01233	.01695	10.293	2.8215
163	AD657920	-.00009	.00420	.01233	.01695	10.293	2.8215
164	AD657920	-.00009	.00420	.01233	.01695	10.293	2.8215
165	AD657920	-.00009	.00420	.01233	.01695	10.293	2.8215
166	AD657920	-.00009	.00420	.01233	.01695	10.293	2.8215
167	AD657920	-.00009	.00420	.01233	.01695	10.293	2.8215
168	AD657920	-.00009	.00420	.01233	.01695	10.293	2.8215
169	AD657920	-.00009	.00420	.01233	.01695	10.293	2.8215
170	AD657823/PS	1.0117	.99800	.98514	1.0200	.08726	3.5267
171	AD657823/PS	1.0117	.99800	.98514	1.0200	.08726	3.5267
172	AD657823/PS	1.0117	.99800	.98514	1.0200	.08726	3.5267
173	AD657823/PS	1.0117	.99800	.98514	1.0200	.08726	3.5267
174	AD657823/PS	1.0117	.99800	.98514	1.0200	.08726	3.5267
175	AD657823/PS	1.0117	.99800	.98514	1.0200	.08726	3.5267
176	AD657823/PS	1.0117	.99800	.98514	1.0200	.08726	3.5267
177	AD657823/PS	1.0117	.99800	.98514	1.0200	.08726	3.5267
178	AD657823/PS	1.0117	.99800	.98514	1.0200	.08726	3.5267
179	AD657823/PS	1.0117	.99800	.98514	1.0200	.08726	3.5267
180	AD657823/PS	1.0117	.99800	.98514	1.0200	.08726	3.5267
181	AD657929	.00001	.00108	.00217	.00010	89.481	4.5713
182	AD657929	.00001	.00108	.00217	.00010	89.481	4.5713

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
183	AD657929	.00001	.00108	.00217	.00010	89.481	4.5713
184	AD657929	.00001	.00108	.00217	.00010	89.481	4.5713
185	AD657929	.00001	.00108	.00217	.00010	89.481	4.5713
186	AD657929	.00001	.00108	.00217	.00010	89.481	4.5713
187	AD657929	.00001	.00108	.00217	.00010	89.481	4.5713
188	AD657929	.00001	.00108	.00217	.00010	89.481	4.5713
189	AD657929	.00001	.00108	.00217	.00010	89.481	4.5713
190	AD657824/MS	.88530	.88114	.83282	.93572	.09040	3.1672
191	AD657824/MS	.88530	.88114	.83282	.93572	.09040	3.1672
192	AD658096/PS	.40198	.39594	.44775	.43573	39.108	21.236
193	AD658096/PS	.40198	.39594	.44775	.43573	39.108	21.236
194	AD658096/PS	.40198	.39594	.44775	.43573	39.108	21.236
195	AD658096/PS	.40198	.39594	.44775	.43573	39.108	21.236
196	AD658100	.00346	.00477	.09863	.06017	46.258	1.2627
197	AD658100	.00346	.00477	.09863	.06017	46.258	1.2627
198	AD658100	.00346	.00477	.09863	.06017	46.258	1.2627
199	AD658100	.00346	.00477	.09863	.06017	46.258	1.2627
200	AD658100	.00346	.00477	.09863	.06017	46.258	1.2627
201	AD658100	.00346	.00477	.09863	.06017	46.258	1.2627
202	AD658100	.00346	.00477	.09863	.06017	46.258	1.2627
203	AD658100	.00346	.00477	.09863	.06017	46.258	1.2627
204	AD658100	.00346	.00477	.09863	.06017	46.258	1.2627
205	AD658100	.00346	.00477	.09863	.06017	46.258	1.2627
206	AD657825/SD	.93625	.93147	.88275	.99675	.09394	3.1929
207	AD657825/SD	.93625	.93147	.88275	.99675	.09394	3.1929
208	AD657825/SD	.93625	.93147	.88275	.99675	.09394	3.1929
209	AD657825/SD	.93625	.93147	.88275	.99675	.09394	3.1929
210	AD657825/SD	.93625	.93147	.88275	.99675	.09394	3.1929
211	AD657825/SD	.93625	.93147	.88275	.99675	.09394	3.1929
212	AD657825/SD	.93625	.93147	.88275	.99675	.09394	3.1929
213	AD657825/SD	.93625	.93147	.88275	.99675	.09394	3.1929
214	AD657825/SD	.93625	.93147	.88275	.99675	.09394	3.1929
215	AD657825/SD	.93625	.93147	.88275	.99675	.09394	3.1929
216	AD657825/SD	.93625	.93147	.88275	.99675	.09394	3.1929
217	AD657825/SD	.93625	.93147	.88275	.99675	.09394	3.1929
218	AD657930	.00003	.00004	.00056	-.00023	.01460	-.00200
219	AD657930	.00003	.00004	.00056	-.00023	.01460	-.00200
220	AD657930	.00003	.00004	.00056	-.00023	.01460	-.00200
221	AD657930	.00003	.00004	.00056	-.00023	.01460	-.00200
222	AD657930	.00003	.00004	.00056	-.00023	.01460	-.00200
223	AD657930	.00003	.00004	.00056	-.00023	.01460	-.00200
224	AD657930	.00003	.00004	.00056	-.00023	.01460	-.00200
225	AD657930	.00003	.00004	.00056	-.00023	.01460	-.00200
226	AD657930	.00003	.00004	.00056	-.00023	.01460	-.00200
227	AD657930	.00003	.00004	.00056	-.00023	.01460	-.00200
228	AD657930	.00003	.00004	.00056	-.00023	.01460	-.00200
229	AD657930	.00003	.00004	.00056	-.00023	.01460	-.00200
230	AD657930	.00003	.00004	.00056	-.00023	.01460	-.00200
231	AD657930	.00003	.00004	.00056	-.00023	.01460	-.00200
232	AD657930	.00003	.00004	.00056	-.00023	.01460	-.00200
233	AD657930	.00003	.00004	.00056	-.00023	.01460	-.00200
234	AD657930	.00003	.00004	.00056	-.00023	.01460	-.00200
235	AD657930	.00003	.00004	.00056	-.00023	.01460	-.00200
236	AD657930	.00003	.00004	.00056	-.00023	.01460	-.00200

Analysis Report Averages 10/04/06 08:45:42 AM page 150

#	Sample Name	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
237	AD657930	.00003	.00004	.00056	-.00023	.01460	-.00200
238	AD657930	.00003	.00004	.00056	-.00023	.01460	-.00200
239	AD657930	.00003	.00004	.00056	-.00023	.01460	-.00200
240	AD657930	.00003	.00004	.00056	-.00023	.01460	-.00200
241	AD657930	.00003	.00004	.00056	-.00023	.01460	-.00200
242	AD657930	.00003	.00004	.00056	-.00023	.01460	-.00200
243	AD657930	.00003	.00004	.00056	-.00023	.01460	-.00200
244	CCV	.49562	.49555	.49961	.50777	24.860	25.297
245	CCV	.49562	.49555	.49961	.50777	24.860	25.297

#	Sample Name	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
1	AD657107	79.444	.40537	.00401	H1038.9	.11020	-.00186
2	AD657107	79.444	.40537	.00401	H1038.9	.11020	-.00186
3	AD657108	29.996	.06245	.00105	83.828	.00447	-.00010
4	AD657108	29.996	.06245	.00105	83.828	.00447	-.00010
5	AD657110	29.978	.00055	.00756	97.447	.00089	-.00180
6	AD657110/L (1:5)	6.0282	.00050	.00215	18.857	.00028	-.00217
7	AD657110	29.978	.00055	.00756	97.447	.00089	-.00180
8	AD657110	29.978	.00055	.00756	97.447	.00089	-.00180
9	AD657112/SD	40.775	.20581	.21985	111.54	.21117	.20036
10	AD657113	50.653	.03921	.00203	111.52	.00254	-.00072
11	AD657114	35.856	.00095	.00411	122.08	.00153	-.00382
12	AD657115	17.935	.02535	.00350	85.008	.00257	-.00311
13	AD657112/SD	40.775	.20581	.21985	111.54	.21117	.20036
14	AD657112/SD	40.775	.20581	.21985	111.54	.21117	.20036
15	AD657112/SD	40.775	.20581	.21985	111.54	.21117	.20036
16	AD657112/SD	40.775	.20581	.21985	111.54	.21117	.20036
17	AD657112/SD	40.775	.20581	.21985	111.54	.21117	.20036
18	AD657112/SD	40.775	.20581	.21985	111.54	.21117	.20036
19	AD657112/SD	40.775	.20581	.21985	111.54	.21117	.20036
20	AD657112/SD	40.775	.20581	.21985	111.54	.21117	.20036
21	AD657112/SD	40.775	.20581	.21985	111.54	.21117	.20036
22	AD657112/SD	40.775	.20581	.21985	111.54	.21117	.20036
23	AD657112/SD	40.775	.20581	.21985	111.54	.21117	.20036
24	AD657112/SD	40.775	.20581	.21985	111.54	.21117	.20036
25	AD657112/SD	40.775	.20581	.21985	111.54	.21117	.20036
26	AD657112/SD	40.775	.20581	.21985	111.54	.21117	.20036
27	AD657112/SD	40.775	.20581	.21985	111.54	.21117	.20036
28	AD657112/SD	40.775	.20581	.21985	111.54	.21117	.20036
29	AD657112/SD	40.775	.20581	.21985	111.54	.21117	.20036
30	AD657112/SD	40.775	.20581	.21985	111.54	.21117	.20036
31	AD657283/MS	173.50	1.0091	.00052	181.63	.49987	.01904
32	AD657372/(1:10)	6.8811	.24445	.00825	446.02	.02231	.00102
33	AD657372/(1:10)	6.8811	.24445	.00825	446.02	.02231	.00102
34	AD657372/(1:10)	6.8811	.24445	.00825	446.02	.02231	.00102
35	AD657275	.04539	.00111	.00139	.09867	.00036	.00063
36	AD657275	.04539	.00111	.00139	.09867	.00036	.00063
37	AD657275	.04539	.00111	.00139	.09867	.00036	.00063
38	AD657275	.04539	.00111	.00139	.09867	.00036	.00063
39	AD657285/PB	.07259	.00045	.00021	-.08023	.00139	-.00352
40	AD657285/PB	.07259	.00045	.00021	-.08023	.00139	-.00352
41	AD657285/PB	.07259	.00045	.00021	-.08023	.00139	-.00352

#	Sample Name	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
42	AD657362	7.7766	.44731	.00089	33.296	.00079	.00400
43	AD657639	67.899	.21214	.00233	127.40	.00332	.00371
44	AD657639	67.899	.21214	.00233	127.40	.00332	.00371
45	AD657639	67.899	.21214	.00233	127.40	.00332	.00371
46	AD657639	67.899	.21214	.00233	127.40	.00332	.00371
47	AD657639	67.899	.21214	.00233	127.40	.00332	.00371
48	AD657639	67.899	.21214	.00233	127.40	.00332	.00371
49	AD657639	67.899	.21214	.00233	127.40	.00332	.00371
50	AD657637	13.142	.37546	.00158	192.12	.00161	.00149
51	AD657637	13.142	.37546	.00158	192.12	.00161	.00149
52	AD657637	13.142	.37546	.00158	192.12	.00161	.00149
53	AD657637	13.142	.37546	.00158	192.12	.00161	.00149
54	AD657637	13.142	.37546	.00158	192.12	.00161	.00149
55	AD657276	74.088	4.4725	.00054	93.422	.00988	-.00186
56	AD657276	74.088	4.4725	.00054	93.422	.00988	-.00186
57	AD657276	74.088	4.4725	.00054	93.422	.00988	-.00186
58	AD657641	18.371	.02304	.00242	2.5506	.00852	.00141
59	AD657641	18.371	.02304	.00242	2.5506	.00852	.00141
60	AD657641	18.371	.02304	.00242	2.5506	.00852	.00141
61	AD657653	22.882	.17201	.00061	81.852	.00111	.00153
62	AD657653	22.882	.17201	.00061	81.852	.00111	.00153
63	AD657653	22.882	.17201	.00061	81.852	.00111	.00153
64	AD657653	22.882	.17201	.00061	81.852	.00111	.00153
65	AD657653	22.882	.17201	.00061	81.852	.00111	.00153
66	AD657653	22.882	.17201	.00061	81.852	.00111	.00153
67	AD657827/LCS	.14558	.97639	1.0103	1024.7	.97507	.98711
68	AD657827/LCS	.14558	.97639	1.0103	1024.7	.97507	.98711
69	AD657827/LCS	.14558	.97639	1.0103	1024.7	.97507	.98711
70	AD657827/LCS	.14558	.97639	1.0103	1024.7	.97507	.98711
71	AD657827/LCS	.14558	.97639	1.0103	1024.7	.97507	.98711
72	AD657827/LCS	.14558	.97639	1.0103	1024.7	.97507	.98711
73	AD657827/LCS	.14558	.97639	1.0103	1024.7	.97507	.98711
74	AD657827/LCS	.14558	.97639	1.0103	1024.7	.97507	.98711
75	AD657277	141.33	.55337	.00112	137.65	.00793	-.00255
76	AD657277	141.33	.55337	.00112	137.65	.00793	-.00255
77	AD657277	141.33	.55337	.00112	137.65	.00793	-.00255
78	AD657277	141.33	.55337	.00112	137.65	.00793	-.00255
79	AD657277	141.33	.55337	.00112	137.65	.00793	-.00255
80	AD657277	141.33	.55337	.00112	137.65	.00793	-.00255
81	AD657277	141.33	.55337	.00112	137.65	.00793	-.00255
82	AD657277	141.33	.55337	.00112	137.65	.00793	-.00255
83	AD657277	141.33	.55337	.00112	137.65	.00793	-.00255
84	AD657277	141.33	.55337	.00112	137.65	.00793	-.00255
85	AD657277	141.33	.55337	.00112	137.65	.00793	-.00255
86	AD657277	141.33	.55337	.00112	137.65	.00793	-.00255
87	AD657277	141.33	.55337	.00112	137.65	.00793	-.00255
88	AD657277	141.33	.55337	.00112	137.65	.00793	-.00255
89	AD657278	49.222	5.5106	.00100	26.040	.02211	-.00352
90	AD657278	49.222	5.5106	.00100	26.040	.02211	-.00352
91	AD657278	49.222	5.5106	.00100	26.040	.02211	-.00352
92	AD657278	49.222	5.5106	.00100	26.040	.02211	-.00352
93	AD657278	49.222	5.5106	.00100	26.040	.02211	-.00352
94	AD657278	49.222	5.5106	.00100	26.040	.02211	-.00352
95	AD657278	49.222	5.5106	.00100	26.040	.02211	-.00352

#	Sample Name	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
96	AD657278	49.222	5.5106	.00100	26.040	.02211	-.00352
97	AD657279	54.727	1.1518	.00218	48.729	.00589	-.00156
98	AD657279	54.727	1.1518	.00218	48.729	.00589	-.00156
99	AD657279	54.727	1.1518	.00218	48.729	.00589	-.00156
100	AD657279	54.727	1.1518	.00218	48.729	.00589	-.00156
101	AD657675/PB	.06206	.00068	.00125	-.00018	.00029	-.00132
102	AD657675/PB	.06206	.00068	.00125	-.00018	.00029	-.00132
103	AD657675/PB	.06206	.00068	.00125	-.00018	.00029	-.00132
104	AD657913	10.220	1.8481	.00394	6.1246	.00246	-.00086
105	AD657913	10.220	1.8481	.00394	6.1246	.00246	-.00086
106	AD657913	10.220	1.8481	.00394	6.1246	.00246	-.00086
107	AD657913	10.220	1.8481	.00394	6.1246	.00246	-.00086
108	AD657913	10.220	1.8481	.00394	6.1246	.00246	-.00086
109	AD657916/L (1:5)	3.9172	.46567	-.00030	1.7226	-.00071	-.00006
110	AD657916/L (1:5)	3.9172	.46567	-.00030	1.7226	-.00071	-.00006
111	AD657916/L (1:5)	3.9172	.46567	-.00030	1.7226	-.00071	-.00006
112	AD657916/L (1:5)	3.9172	.46567	-.00030	1.7226	-.00071	-.00006
113	AD657916/L (1:5)	3.9172	.46567	-.00030	1.7226	-.00071	-.00006
114	AD657916/L (1:5)	3.9172	.46567	-.00030	1.7226	-.00071	-.00006
115	AD657916/L (1:5)	3.9172	.46567	-.00030	1.7226	-.00071	-.00006
116	AD657916/L (1:5)	3.9172	.46567	-.00030	1.7226	-.00071	-.00006
117	AD657916/L (1:5)	3.9172	.46567	-.00030	1.7226	-.00071	-.00006
118	AD657916/L (1:5)	3.9172	.46567	-.00030	1.7226	-.00071	-.00006
119	AD657916/L (1:5)	3.9172	.46567	-.00030	1.7226	-.00071	-.00006
120	AD657916/L (1:5)	3.9172	.46567	-.00030	1.7226	-.00071	-.00006
121	AD657916/PS	29.343	2.4262	.20897	19.157	.20539	.20637
122	AD657916/PS	29.343	2.4262	.20897	19.157	.20539	.20637
123	AD657916/PS	29.343	2.4262	.20897	19.157	.20539	.20637
124	AD657927	36.531	.38983	.00021	5.8242	-.00033	-.00058
125	AD657927	36.531	.38983	.00021	5.8242	-.00033	-.00058
126	AD657927	36.531	.38983	.00021	5.8242	-.00033	-.00058
127	AD657927	36.531	.38983	.00021	5.8242	-.00033	-.00058
128	AD657931/FB	9.6621	.19936	.20611	9.7392	.20731	.19858
129	AD657931/FB	9.6621	.19936	.20611	9.7392	.20731	.19858
130	AD657931/FB	9.6621	.19936	.20611	9.7392	.20731	.19858
131	AD657931/FB	9.6621	.19936	.20611	9.7392	.20731	.19858
132	AD657917/MS	29.223	2.4566	.20770	19.287	.20663	.19583
133	AD657917/MS	29.223	2.4566	.20770	19.287	.20663	.19583
134	AD657917/MS	29.223	2.4566	.20770	19.287	.20663	.19583
135	AD657917/MS	29.223	2.4566	.20770	19.287	.20663	.19583
136	AD657917/MS	29.223	2.4566	.20770	19.287	.20663	.19583
137	AD657917/MS	29.223	2.4566	.20770	19.287	.20663	.19583
138	AD657917/MS	29.223	2.4566	.20770	19.287	.20663	.19583
139	AD657917/MS	29.223	2.4566	.20770	19.287	.20663	.19583
140	AD657917/MS	29.223	2.4566	.20770	19.287	.20663	.19583
141	AD657917/MS	29.223	2.4566	.20770	19.287	.20663	.19583
142	AD657917/MS	29.223	2.4566	.20770	19.287	.20663	.19583
143	AD657917/MS	29.223	2.4566	.20770	19.287	.20663	.19583
144	AD657917/MS	29.223	2.4566	.20770	19.287	.20663	.19583
145	AD657917/MS	29.223	2.4566	.20770	19.287	.20663	.19583
146	AD657917/MS	29.223	2.4566	.20770	19.287	.20663	.19583
147	AD657917/MS	29.223	2.4566	.20770	19.287	.20663	.19583
148	AD657917/MS	29.223	2.4566	.20770	19.287	.20663	.19583
149	AD657917/MS	29.223	2.4566	.20770	19.287	.20663	.19583

#	Sample Name	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
150	AD657917/MS	29.223	2.4566	.20770	19.287	.20663	.19583
151	AD657823/L (1:5)	5.6364	.75505	-.00050	257.22	.00376	.00574
152	AD657823/L (1:5)	5.6364	.75505	-.00050	257.22	.00376	.00574
153	AD657918/SD	29.686	2.4892	.21049	19.758	.20976	.19838
154	AD657918/SD	29.686	2.4892	.21049	19.758	.20976	.19838
155	AD657918/SD	29.686	2.4892	.21049	19.758	.20976	.19838
156	AD657918/SD	29.686	2.4892	.21049	19.758	.20976	.19838
157	AD657918/SD	29.686	2.4892	.21049	19.758	.20976	.19838
158	AD657918/SD	29.686	2.4892	.21049	19.758	.20976	.19838
159	AD657918/SD	29.686	2.4892	.21049	19.758	.20976	.19838
160	AD657920	10.730	.18860	.00278	28.507	.00886	.00383
161	AD657920	10.730	.18860	.00278	28.507	.00886	.00383
162	AD657920	10.730	.18860	.00278	28.507	.00886	.00383
163	AD657920	10.730	.18860	.00278	28.507	.00886	.00383
164	AD657920	10.730	.18860	.00278	28.507	.00886	.00383
165	AD657920	10.730	.18860	.00278	28.507	.00886	.00383
166	AD657920	10.730	.18860	.00278	28.507	.00886	.00383
167	AD657920	10.730	.18860	.00278	28.507	.00886	.00383
168	AD657920	10.730	.18860	.00278	28.507	.00886	.00383
169	AD657920	10.730	.18860	.00278	28.507	.00886	.00383
170	AD657823/PS	27.287	4.6436	1.0913	H1049.7	1.1090	1.0337
171	AD657823/PS	27.287	4.6436	1.0913	H1049.7	1.1090	1.0337
172	AD657823/PS	27.287	4.6436	1.0913	H1049.7	1.1090	1.0337
173	AD657823/PS	27.287	4.6436	1.0913	H1049.7	1.1090	1.0337
174	AD657823/PS	27.287	4.6436	1.0913	H1049.7	1.1090	1.0337
175	AD657823/PS	27.287	4.6436	1.0913	H1049.7	1.1090	1.0337
176	AD657823/PS	27.287	4.6436	1.0913	H1049.7	1.1090	1.0337
177	AD657823/PS	27.287	4.6436	1.0913	H1049.7	1.1090	1.0337
178	AD657823/PS	27.287	4.6436	1.0913	H1049.7	1.1090	1.0337
179	AD657823/PS	27.287	4.6436	1.0913	H1049.7	1.1090	1.0337
180	AD657823/PS	27.287	4.6436	1.0913	H1049.7	1.1090	1.0337
181	AD657929	38.513	.32363	.00051	11.660	.00112	-.00160
182	AD657929	38.513	.32363	.00051	11.660	.00112	-.00160
183	AD657929	38.513	.32363	.00051	11.660	.00112	-.00160
184	AD657929	38.513	.32363	.00051	11.660	.00112	-.00160
185	AD657929	38.513	.32363	.00051	11.660	.00112	-.00160
186	AD657929	38.513	.32363	.00051	11.660	.00112	-.00160
187	AD657929	38.513	.32363	.00051	11.660	.00112	-.00160
188	AD657929	38.513	.32363	.00051	11.660	.00112	-.00160
189	AD657929	38.513	.32363	.00051	11.660	.00112	-.00160
190	AD657824/MS	16.070	3.5909	.91808	H1067.1	.88664	.89671
191	AD657824/MS	16.070	3.5909	.91808	H1067.1	.88664	.89671
192	AD658096/PS	21.129	.71981	.40994	19.373	.41392	.46023
193	AD658096/PS	21.129	.71981	.40994	19.373	.41392	.46023
194	AD658096/PS	21.129	.71981	.40994	19.373	.41392	.46023
195	AD658096/PS	21.129	.71981	.40994	19.373	.41392	.46023
196	AD658100	1.9105	.74888	.01048	.19874	.02217	.28071
197	AD658100	1.9105	.74888	.01048	.19874	.02217	.28071
198	AD658100	1.9105	.74888	.01048	.19874	.02217	.28071
199	AD658100	1.9105	.74888	.01048	.19874	.02217	.28071
200	AD658100	1.9105	.74888	.01048	.19874	.02217	.28071
201	AD658100	1.9105	.74888	.01048	.19874	.02217	.28071
202	AD658100	1.9105	.74888	.01048	.19874	.02217	.28071
203	AD658100	1.9105	.74888	.01048	.19874	.02217	.28071

Analysis Report Averages 10/04/06 08:45:42 AM page 19

#	Sample Name	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	2203/1
204	AD658100	1.9105	.74888	.01048	.19874	.02217	.28071
205	AD658100	1.9105	.74888	.01048	.19874	.02217	.28071
206	AD657825/SD	16.121	3.6474	.97397	H1076.2	.94183	.95034
207	AD657825/SD	16.121	3.6474	.97397	H1076.2	.94183	.95034
208	AD657825/SD	16.121	3.6474	.97397	H1076.2	.94183	.95034
209	AD657825/SD	16.121	3.6474	.97397	H1076.2	.94183	.95034
210	AD657825/SD	16.121	3.6474	.97397	H1076.2	.94183	.95034
211	AD657825/SD	16.121	3.6474	.97397	H1076.2	.94183	.95034
212	AD657825/SD	16.121	3.6474	.97397	H1076.2	.94183	.95034
213	AD657825/SD	16.121	3.6474	.97397	H1076.2	.94183	.95034
214	AD657825/SD	16.121	3.6474	.97397	H1076.2	.94183	.95034
215	AD657825/SD	16.121	3.6474	.97397	H1076.2	.94183	.95034
216	AD657825/SD	16.121	3.6474	.97397	H1076.2	.94183	.95034
217	AD657825/SD	16.121	3.6474	.97397	H1076.2	.94183	.95034
218	AD657930	.01093	-.00007	-.00037	-.01951	-.00016	-.00055
219	AD657930	.01093	-.00007	-.00037	-.01951	-.00016	-.00055
220	AD657930	.01093	-.00007	-.00037	-.01951	-.00016	-.00055
221	AD657930	.01093	-.00007	-.00037	-.01951	-.00016	-.00055
222	AD657930	.01093	-.00007	-.00037	-.01951	-.00016	-.00055
223	AD657930	.01093	-.00007	-.00037	-.01951	-.00016	-.00055
224	AD657930	.01093	-.00007	-.00037	-.01951	-.00016	-.00055
225	AD657930	.01093	-.00007	-.00037	-.01951	-.00016	-.00055
226	AD657930	.01093	-.00007	-.00037	-.01951	-.00016	-.00055
227	AD657930	.01093	-.00007	-.00037	-.01951	-.00016	-.00055
228	AD657930	.01093	-.00007	-.00037	-.01951	-.00016	-.00055
229	AD657930	.01093	-.00007	-.00037	-.01951	-.00016	-.00055
230	AD657930	.01093	-.00007	-.00037	-.01951	-.00016	-.00055
231	AD657930	.01093	-.00007	-.00037	-.01951	-.00016	-.00055
232	AD657930	.01093	-.00007	-.00037	-.01951	-.00016	-.00055
233	AD657930	.01093	-.00007	-.00037	-.01951	-.00016	-.00055
234	AD657930	.01093	-.00007	-.00037	-.01951	-.00016	-.00055
235	AD657930	.01093	-.00007	-.00037	-.01951	-.00016	-.00055
236	AD657930	.01093	-.00007	-.00037	-.01951	-.00016	-.00055
237	AD657930	.01093	-.00007	-.00037	-.01951	-.00016	-.00055
238	AD657930	.01093	-.00007	-.00037	-.01951	-.00016	-.00055
239	AD657930	.01093	-.00007	-.00037	-.01951	-.00016	-.00055
240	AD657930	.01093	-.00007	-.00037	-.01951	-.00016	-.00055
241	AD657930	.01093	-.00007	-.00037	-.01951	-.00016	-.00055
242	AD657930	.01093	-.00007	-.00037	-.01951	-.00016	-.00055
243	AD657930	.01093	-.00007	-.00037	-.01951	-.00016	-.00055
244	CCV	24.988	.50941	.51284	24.618	.49966	.50310
245	CCV	24.988	.50941	.51284	24.618	.49966	.50310

#	Sample Name	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
1	AD657107	.00098	.00003	.00068	.01318	.00544	-.00170
2	AD657107	.00098	.00003	.00068	.01318	.00544	-.00170
3	AD657108	.00320	.00210	.00184	.00005	.00330	.00111
4	AD657108	.00320	.00210	.00184	.00005	.00330	.00111
5	AD657110	-.00040	-.00087	.00583	-.00157	.01107	.00321
6	AD657110/L (1:5)	.00095	-.00008	.00214	.00276	.00351	.00146
7	AD657110	-.00040	-.00087	.00583	-.00157	.01107	.00321
8	AD657110	-.00040	-.00087	.00583	-.00157	.01107	.00321

Analysis Report Averages 10/04/06 08:45:42 AM page 20

#	Sample Name	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
9	AD657112/SD	.20437	.20303	.21306	.20844	.20911	.21503
10	AD657113	.00059	.00015	-.00079	.00056	.00158	-.00198
11	AD657114	.00060	-.00087	.01535	-.00011	.01899	.01353
12	AD657115	.00190	.00023	.00500	-.00054	.00882	.00310
13	AD657112/SD	.20437	.20303	.21306	.20844	.20911	.21503
14	AD657112/SD	.20437	.20303	.21306	.20844	.20911	.21503
15	AD657112/SD	.20437	.20303	.21306	.20844	.20911	.21503
16	AD657112/SD	.20437	.20303	.21306	.20844	.20911	.21503
17	AD657112/SD	.20437	.20303	.21306	.20844	.20911	.21503
18	AD657112/SD	.20437	.20303	.21306	.20844	.20911	.21503
19	AD657112/SD	.20437	.20303	.21306	.20844	.20911	.21503
20	AD657112/SD	.20437	.20303	.21306	.20844	.20911	.21503
21	AD657112/SD	.20437	.20303	.21306	.20844	.20911	.21503
22	AD657112/SD	.20437	.20303	.21306	.20844	.20911	.21503
23	AD657112/SD	.20437	.20303	.21306	.20844	.20911	.21503
24	AD657112/SD	.20437	.20303	.21306	.20844	.20911	.21503
25	AD657112/SD	.20437	.20303	.21306	.20844	.20911	.21503
26	AD657112/SD	.20437	.20303	.21306	.20844	.20911	.21503
27	AD657112/SD	.20437	.20303	.21306	.20844	.20911	.21503
28	AD657112/SD	.20437	.20303	.21306	.20844	.20911	.21503
29	AD657112/SD	.20437	.20303	.21306	.20844	.20911	.21503
30	AD657112/SD	.20437	.20303	.21306	.20844	.20911	.21503
31	AD657283/MS	.02252	.02136	.05172	.09943	.04919	.05299
32	AD657372/(1:10)	.00094	.00097	.00132	.00543	.00155	.00121
33	AD657372/(1:10)	.00094	.00097	.00132	.00543	.00155	.00121
34	AD657372/(1:10)	.00094	.00097	.00132	.00543	.00155	.00121
35	AD657275	.00071	.00068	.00187	.00203	.00321	.00120
36	AD657275	.00071	.00068	.00187	.00203	.00321	.00120
37	AD657275	.00071	.00068	.00187	.00203	.00321	.00120
38	AD657275	.00071	.00068	.00187	.00203	.00321	.00120
39	AD657285/PB	.00038	-.00091	-.00105	.00087	.00464	-.00391
40	AD657285/PB	.00038	-.00091	-.00105	.00087	.00464	-.00391
41	AD657285/PB	.00038	-.00091	-.00105	.00087	.00464	-.00391
42	AD657362	-.00309	-.00072	.00040	-.00154	.00176	-.00027
43	AD657639	.00038	.00149	.00070	.00008	.00255	-.00022
44	AD657639	.00038	.00149	.00070	.00008	.00255	-.00022
45	AD657639	.00038	.00149	.00070	.00008	.00255	-.00022
46	AD657639	.00038	.00149	.00070	.00008	.00255	-.00022
47	AD657639	.00038	.00149	.00070	.00008	.00255	-.00022
48	AD657639	.00038	.00149	.00070	.00008	.00255	-.00022
49	AD657639	.00038	.00149	.00070	.00008	.00255	-.00022
50	AD657637	-.00034	.00026	-.00043	.00103	-.00248	.00059
51	AD657637	-.00034	.00026	-.00043	.00103	-.00248	.00059
52	AD657637	-.00034	.00026	-.00043	.00103	-.00248	.00059
53	AD657637	-.00034	.00026	-.00043	.00103	-.00248	.00059
54	AD657637	-.00034	.00026	-.00043	.00103	-.00248	.00059
55	AD657276	-.00005	-.00065	.00073	.00085	.00412	-.00096
56	AD657276	-.00005	-.00065	.00073	.00085	.00412	-.00096
57	AD657276	-.00005	-.00065	.00073	.00085	.00412	-.00096
58	AD657641	.00140	.00140	.00406	.00020	.00209	.00505
59	AD657641	.00140	.00140	.00406	.00020	.00209	.00505
60	AD657641	.00140	.00140	.00406	.00020	.00209	.00505
61	AD657653	.00033	.00073	.00312	.00244	.00447	.00244
62	AD657653	.00033	.00073	.00312	.00244	.00447	.00244

Analysis Report Averages 10/04/06 08:45:42 AM page 21

#	Sample Name	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
63	AD657653	.00033	.00073	.00312	.00244	.00447	.00244
64	AD657653	.00033	.00073	.00312	.00244	.00447	.00244
65	AD657653	.00033	.00073	.00312	.00244	.00447	.00244
66	AD657653	.00033	.00073	.00312	.00244	.00447	.00244
67	AD657827/LCS	.97567	.97948	1.0180	1.0052	1.0207	1.0167
68	AD657827/LCS	.97567	.97948	1.0180	1.0052	1.0207	1.0167
69	AD657827/LCS	.97567	.97948	1.0180	1.0052	1.0207	1.0167
70	AD657827/LCS	.97567	.97948	1.0180	1.0052	1.0207	1.0167
71	AD657827/LCS	.97567	.97948	1.0180	1.0052	1.0207	1.0167
72	AD657827/LCS	.97567	.97948	1.0180	1.0052	1.0207	1.0167
73	AD657827/LCS	.97567	.97948	1.0180	1.0052	1.0207	1.0167
74	AD657827/LCS	.97567	.97948	1.0180	1.0052	1.0207	1.0167
75	AD657277	.00221	.00062	.00060	.00010	.00295	-.00056
76	AD657277	.00221	.00062	.00060	.00010	.00295	-.00056
77	AD657277	.00221	.00062	.00060	.00010	.00295	-.00056
78	AD657277	.00221	.00062	.00060	.00010	.00295	-.00056
79	AD657277	.00221	.00062	.00060	.00010	.00295	-.00056
80	AD657277	.00221	.00062	.00060	.00010	.00295	-.00056
81	AD657277	.00221	.00062	.00060	.00010	.00295	-.00056
82	AD657277	.00221	.00062	.00060	.00010	.00295	-.00056
83	AD657277	.00221	.00062	.00060	.00010	.00295	-.00056
84	AD657277	.00221	.00062	.00060	.00010	.00295	-.00056
85	AD657277	.00221	.00062	.00060	.00010	.00295	-.00056
86	AD657277	.00221	.00062	.00060	.00010	.00295	-.00056
87	AD657277	.00221	.00062	.00060	.00010	.00295	-.00056
88	AD657277	.00221	.00062	.00060	.00010	.00295	-.00056
89	AD657278	-.00005	-.00121	.00338	-.00018	.00786	.00114
90	AD657278	-.00005	-.00121	.00338	-.00018	.00786	.00114
91	AD657278	-.00005	-.00121	.00338	-.00018	.00786	.00114
92	AD657278	-.00005	-.00121	.00338	-.00018	.00786	.00114
93	AD657278	-.00005	-.00121	.00338	-.00018	.00786	.00114
94	AD657278	-.00005	-.00121	.00338	-.00018	.00786	.00114
95	AD657278	-.00005	-.00121	.00338	-.00018	.00786	.00114
96	AD657278	-.00005	-.00121	.00338	-.00018	.00786	.00114
97	AD657279	.00065	-.00008	.00028	.00034	.00481	-.00198
98	AD657279	.00065	-.00008	.00028	.00034	.00481	-.00198
99	AD657279	.00065	-.00008	.00028	.00034	.00481	-.00198
100	AD657279	.00065	-.00008	.00028	.00034	.00481	-.00198
101	AD657675/PB	.00059	-.00004	.00086	.00104	.00234	.000126
102	AD657675/PB	.00059	-.00004	.00086	.00104	.00234	.000126
103	AD657675/PB	.00059	-.00004	.00086	.00104	.00234	.000126
104	AD657913	.00287	.00162	.00118	.00411	.00083	.00135
105	AD657913	.00287	.00162	.00118	.00411	.00083	.00135
106	AD657913	.00287	.00162	.00118	.00411	.00083	.00135
107	AD657913	.00287	.00162	.00118	.00411	.00083	.00135
108	AD657913	.00287	.00162	.00118	.00411	.00083	.00135
109	AD657916/L (1:5)	.00137	.00089	-.00040	.00068	-.00126	.00002
110	AD657916/L (1:5)	.00137	.00089	-.00040	.00068	-.00126	.00002
111	AD657916/L (1:5)	.00137	.00089	-.00040	.00068	-.00126	.00002
112	AD657916/L (1:5)	.00137	.00089	-.00040	.00068	-.00126	.00002
113	AD657916/L (1:5)	.00137	.00089	-.00040	.00068	-.00126	.00002
114	AD657916/L (1:5)	.00137	.00089	-.00040	.00068	-.00126	.00002
115	AD657916/L (1:5)	.00137	.00089	-.00040	.00068	-.00126	.00002
116	AD657916/L (1:5)	.00137	.00089	-.00040	.00068	-.00126	.00002

Analysis Report Averages 10/04/06 08:45:42 AM page 22

#	Sample Name	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
117	AD657916/L (1:5)	.00137	.00089	-.00040	.00068	-.00126	.00002
118	AD657916/L (1:5)	.00137	.00089	-.00040	.00068	-.00126	.00002
119	AD657916/L (1:5)	.00137	.00089	-.00040	.00068	-.00126	.00002
120	AD657916/L (1:5)	.00137	.00089	-.00040	.00068	-.00126	.00002
121	AD657916/PS	.20576	.20596	.20858	.20956	.21203	.20686
122	AD657916/PS	.20576	.20596	.20858	.20956	.21203	.20686
123	AD657916/PS	.20576	.20596	.20858	.20956	.21203	.20686
124	AD657927	.00191	.00108	.00108	-.00127	.00294	.00016
125	AD657927	.00191	.00108	.00108	-.00127	.00294	.00016
126	AD657927	.00191	.00108	.00108	-.00127	.00294	.00016
127	AD657927	.00191	.00108	.00108	-.00127	.00294	.00016
128	AD657931/FB	.19979	.19939	.20181	.20122	.20095	.20225
129	AD657931/FB	.19979	.19939	.20181	.20122	.20095	.20225
130	AD657931/FB	.19979	.19939	.20181	.20122	.20095	.20225
131	AD657931/FB	.19979	.19939	.20181	.20122	.20095	.20225
132	AD657917/MS	.19904	.19797	.20434	.20682	.20255	.20523
133	AD657917/MS	.19904	.19797	.20434	.20682	.20255	.20523
134	AD657917/MS	.19904	.19797	.20434	.20682	.20255	.20523
135	AD657917/MS	.19904	.19797	.20434	.20682	.20255	.20523
136	AD657917/MS	.19904	.19797	.20434	.20682	.20255	.20523
137	AD657917/MS	.19904	.19797	.20434	.20682	.20255	.20523
138	AD657917/MS	.19904	.19797	.20434	.20682	.20255	.20523
139	AD657917/MS	.19904	.19797	.20434	.20682	.20255	.20523
140	AD657917/MS	.19904	.19797	.20434	.20682	.20255	.20523
141	AD657917/MS	.19904	.19797	.20434	.20682	.20255	.20523
142	AD657917/MS	.19904	.19797	.20434	.20682	.20255	.20523
143	AD657917/MS	.19904	.19797	.20434	.20682	.20255	.20523
144	AD657917/MS	.19904	.19797	.20434	.20682	.20255	.20523
145	AD657917/MS	.19904	.19797	.20434	.20682	.20255	.20523
146	AD657917/MS	.19904	.19797	.20434	.20682	.20255	.20523
147	AD657917/MS	.19904	.19797	.20434	.20682	.20255	.20523
148	AD657917/MS	.19904	.19797	.20434	.20682	.20255	.20523
149	AD657917/MS	.19904	.19797	.20434	.20682	.20255	.20523
150	AD657917/MS	.19904	.19797	.20434	.20682	.20255	.20523
151	AD657823/L (1:5)	.00661	.00632	-.00073	-.00036	.00476	-.00348
152	AD657823/L (1:5)	.00661	.00632	-.00073	-.00036	.00476	-.00348
153	AD657918/SD	.20273	.20128	.20723	.20800	.20328	.20921
154	AD657918/SD	.20273	.20128	.20723	.20800	.20328	.20921
155	AD657918/SD	.20273	.20128	.20723	.20800	.20328	.20921
156	AD657918/SD	.20273	.20128	.20723	.20800	.20328	.20921
157	AD657918/SD	.20273	.20128	.20723	.20800	.20328	.20921
158	AD657918/SD	.20273	.20128	.20723	.20800	.20328	.20921
159	AD657918/SD	.20273	.20128	.20723	.20800	.20328	.20921
160	AD657920	.00730	.00614	-.00254	.00098	-.00144	-.00309
161	AD657920	.00730	.00614	-.00254	.00098	-.00144	-.00309
162	AD657920	.00730	.00614	-.00254	.00098	-.00144	-.00309
163	AD657920	.00730	.00614	-.00254	.00098	-.00144	-.00309
164	AD657920	.00730	.00614	-.00254	.00098	-.00144	-.00309
165	AD657920	.00730	.00614	-.00254	.00098	-.00144	-.00309
166	AD657920	.00730	.00614	-.00254	.00098	-.00144	-.00309
167	AD657920	.00730	.00614	-.00254	.00098	-.00144	-.00309
168	AD657920	.00730	.00614	-.00254	.00098	-.00144	-.00309
169	AD657920	.00730	.00614	-.00254	.00098	-.00144	-.00309
170	AD657823/PS	1.0198	1.0244	1.0669	1.0204	1.0789	1.0609

Analysis Report Averages 10/04/06 08:45:42 AM page 23

#	Sample Name	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
171	AD657823/PS	1.0198	1.0244	1.0669	1.0204	1.0789	1.0609
172	AD657823/PS	1.0198	1.0244	1.0669	1.0204	1.0789	1.0609
173	AD657823/PS	1.0198	1.0244	1.0669	1.0204	1.0789	1.0609
174	AD657823/PS	1.0198	1.0244	1.0669	1.0204	1.0789	1.0609
175	AD657823/PS	1.0198	1.0244	1.0669	1.0204	1.0789	1.0609
176	AD657823/PS	1.0198	1.0244	1.0669	1.0204	1.0789	1.0609
177	AD657823/PS	1.0198	1.0244	1.0669	1.0204	1.0789	1.0609
178	AD657823/PS	1.0198	1.0244	1.0669	1.0204	1.0789	1.0609
179	AD657823/PS	1.0198	1.0244	1.0669	1.0204	1.0789	1.0609
180	AD657823/PS	1.0198	1.0244	1.0669	1.0204	1.0789	1.0609
181	AD657929	.00250	.00113	.00001	.00287	-.00076	.00040
182	AD657929	.00250	.00113	.00001	.00287	-.00076	.00040
183	AD657929	.00250	.00113	.00001	.00287	-.00076	.00040
184	AD657929	.00250	.00113	.00001	.00287	-.00076	.00040
185	AD657929	.00250	.00113	.00001	.00287	-.00076	.00040
186	AD657929	.00250	.00113	.00001	.00287	-.00076	.00040
187	AD657929	.00250	.00113	.00001	.00287	-.00076	.00040
188	AD657929	.00250	.00113	.00001	.00287	-.00076	.00040
189	AD657929	.00250	.00113	.00001	.00287	-.00076	.00040
190	AD657824/MS	.88996	.89221	.93701	.93376	.93484	.93810
191	AD657824/MS	.88996	.89221	.93701	.93376	.93484	.93810
192	AD658096/PS	.45682	.45796	.40872	.40198	.40980	.40818
193	AD658096/PS	.45682	.45796	.40872	.40198	.40980	.40818
194	AD658096/PS	.45682	.45796	.40872	.40198	.40980	.40818
195	AD658096/PS	.45682	.45796	.40872	.40198	.40980	.40818
196	AD658100	.28313	.28232	.00762	.00585	.00640	.00823
197	AD658100	.28313	.28232	.00762	.00585	.00640	.00823
198	AD658100	.28313	.28232	.00762	.00585	.00640	.00823
199	AD658100	.28313	.28232	.00762	.00585	.00640	.00823
200	AD658100	.28313	.28232	.00762	.00585	.00640	.00823
201	AD658100	.28313	.28232	.00762	.00585	.00640	.00823
202	AD658100	.28313	.28232	.00762	.00585	.00640	.00823
203	AD658100	.28313	.28232	.00762	.00585	.00640	.00823
204	AD658100	.28313	.28232	.00762	.00585	.00640	.00823
205	AD658100	.28313	.28232	.00762	.00585	.00640	.00823
206	AD657825/SD	.94793	.94873	.99991	.99102	.99380	1.0030
207	AD657825/SD	.94793	.94873	.99991	.99102	.99380	1.0030
208	AD657825/SD	.94793	.94873	.99991	.99102	.99380	1.0030
209	AD657825/SD	.94793	.94873	.99991	.99102	.99380	1.0030
210	AD657825/SD	.94793	.94873	.99991	.99102	.99380	1.0030
211	AD657825/SD	.94793	.94873	.99991	.99102	.99380	1.0030
212	AD657825/SD	.94793	.94873	.99991	.99102	.99380	1.0030
213	AD657825/SD	.94793	.94873	.99991	.99102	.99380	1.0030
214	AD657825/SD	.94793	.94873	.99991	.99102	.99380	1.0030
215	AD657825/SD	.94793	.94873	.99991	.99102	.99380	1.0030
216	AD657825/SD	.94793	.94873	.99991	.99102	.99380	1.0030
217	AD657825/SD	.94793	.94873	.99991	.99102	.99380	1.0030
218	AD657930	.00112	.00056	-.00203	-.00143	-.00272	-.00169
219	AD657930	.00112	.00056	-.00203	-.00143	-.00272	-.00169
220	AD657930	.00112	.00056	-.00203	-.00143	-.00272	-.00169
221	AD657930	.00112	.00056	-.00203	-.00143	-.00272	-.00169
222	AD657930	.00112	.00056	-.00203	-.00143	-.00272	-.00169
223	AD657930	.00112	.00056	-.00203	-.00143	-.00272	-.00169
224	AD657930	.00112	.00056	-.00203	-.00143	-.00272	-.00169

Analysis Report Averages 10/04/06 08:45:42 AM page 24

#	Sample Name	2203/2	PB2203	SE1960	Sb2068	1960/1	1960/2
225	AD657930	.00112	.00056	-.00203	-.00143	-.00272	-.00169
226	AD657930	.00112	.00056	-.00203	-.00143	-.00272	-.00169
227	AD657930	.00112	.00056	-.00203	-.00143	-.00272	-.00169
228	AD657930	.00112	.00056	-.00203	-.00143	-.00272	-.00169
229	AD657930	.00112	.00056	-.00203	-.00143	-.00272	-.00169
230	AD657930	.00112	.00056	-.00203	-.00143	-.00272	-.00169
231	AD657930	.00112	.00056	-.00203	-.00143	-.00272	-.00169
232	AD657930	.00112	.00056	-.00203	-.00143	-.00272	-.00169
233	AD657930	.00112	.00056	-.00203	-.00143	-.00272	-.00169
234	AD657930	.00112	.00056	-.00203	-.00143	-.00272	-.00169
235	AD657930	.00112	.00056	-.00203	-.00143	-.00272	-.00169
236	AD657930	.00112	.00056	-.00203	-.00143	-.00272	-.00169
237	AD657930	.00112	.00056	-.00203	-.00143	-.00272	-.00169
238	AD657930	.00112	.00056	-.00203	-.00143	-.00272	-.00169
239	AD657930	.00112	.00056	-.00203	-.00143	-.00272	-.00169
240	AD657930	.00112	.00056	-.00203	-.00143	-.00272	-.00169
241	AD657930	.00112	.00056	-.00203	-.00143	-.00272	-.00169
242	AD657930	.00112	.00056	-.00203	-.00143	-.00272	-.00169
243	AD657930	.00112	.00056	-.00203	-.00143	-.00272	-.00169
244	CCV	.49965	.50080	.50866	.50509	.51112	.50743
245	CCV	.49965	.50080	.50866	.50509	.51112	.50743

#	Sample Name	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
1	AD657107	.01668	-.00218	.01906	.01355	.00489	-.00005
2	AD657107	.01668	-.00218	.01906	.01355	.00489	-.00005
3	AD657108	.07300	-.00150	.02426	.01474	-.00132	-.00009
4	AD657108	.07300	-.00150	.02426	.01474	-.00132	-.00009
5	AD657110	.00018	-.00096	.01756	.00162	-.00059	-.00008
6	AD657110/L (1:5)	.00029	.00061	.00393	.00056	-.00124	-.00008
7	AD657110	.00018	-.00096	.01756	.00162	-.00059	-.00008
8	AD657110	.00018	-.00096	.01756	.00162	-.00059	-.00008
9	AD657112/SD	.20843	.20315	.24461	.20831	.20756	.05434
10	AD657113	.00552	-.00289	.01839	.00394	.00061	.00022
11	AD657114	-.00003	.00067	.01221	.00150	-.00085	-.00024
12	AD657115	.02079	-.00288	.01319	.00388	-.00117	.00038
13	AD657112/SD	.20843	.20315	.24461	.20831	.20756	.05434
14	AD657112/SD	.20843	.20315	.24461	.20831	.20756	.05434
15	AD657112/SD	.20843	.20315	.24461	.20831	.20756	.05434
16	AD657112/SD	.20843	.20315	.24461	.20831	.20756	.05434
17	AD657112/SD	.20843	.20315	.24461	.20831	.20756	.05434
18	AD657112/SD	.20843	.20315	.24461	.20831	.20756	.05434
19	AD657112/SD	.20843	.20315	.24461	.20831	.20756	.05434
20	AD657112/SD	.20843	.20315	.24461	.20831	.20756	.05434
21	AD657112/SD	.20843	.20315	.24461	.20831	.20756	.05434
22	AD657112/SD	.20843	.20315	.24461	.20831	.20756	.05434
23	AD657112/SD	.20843	.20315	.24461	.20831	.20756	.05434
24	AD657112/SD	.20843	.20315	.24461	.20831	.20756	.05434
25	AD657112/SD	.20843	.20315	.24461	.20831	.20756	.05434
26	AD657112/SD	.20843	.20315	.24461	.20831	.20756	.05434
27	AD657112/SD	.20843	.20315	.24461	.20831	.20756	.05434
28	AD657112/SD	.20843	.20315	.24461	.20831	.20756	.05434
29	AD657112/SD	.20843	.20315	.24461	.20831	.20756	.05434

Analysis Report Averages 10/04/06 08:45:42 AM page 25

#	Sample Name	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
30	AD657112/SD	.20843	.20315	.24461	.20831	.20756	.05434
31	AD657283/MS	.00127	.04701	.50981	.55346	.00158	.05274
32	AD657372/(1:10)	.02494	-.00212	.01114	.00653	.00759	-.00039
33	AD657372/(1:10)	.02494	-.00212	.01114	.00653	.00759	-.00039
34	AD657372/(1:10)	.02494	-.00212	.01114	.00653	.00759	-.00039
35	AD657275	.00049	-.00135	.00046	.00357	.00088	.00029
36	AD657275	.00049	-.00135	.00046	.00357	.00088	.00029
37	AD657275	.00049	-.00135	.00046	.00357	.00088	.00029
38	AD657275	.00049	-.00135	.00046	.00357	.00088	.00029
39	AD657285/PB	-.00007	.00105	.00031	.00146	.00067	.00008
40	AD657285/PB	-.00007	.00105	.00031	.00146	.00067	.00008
41	AD657285/PB	-.00007	.00105	.00031	.00146	.00067	.00008
42	AD657362	.00524	-.00213	-.00001	.00737	.00252	.00015
43	AD657639	.00051	-.00110	-.00019	.04399	.00287	-.00044
44	AD657639	.00051	-.00110	-.00019	.04399	.00287	-.00044
45	AD657639	.00051	-.00110	-.00019	.04399	.00287	-.00044
46	AD657639	.00051	-.00110	-.00019	.04399	.00287	-.00044
47	AD657639	.00051	-.00110	-.00019	.04399	.00287	-.00044
48	AD657639	.00051	-.00110	-.00019	.04399	.00287	-.00044
49	AD657639	.00051	-.00110	-.00019	.04399	.00287	-.00044
50	AD657637	.00268	.00000	.00053	.01584	.00185	-.00018
51	AD657637	.00268	.00000	.00053	.01584	.00185	-.00018
52	AD657637	.00268	.00000	.00053	.01584	.00185	-.00018
53	AD657637	.00268	.00000	.00053	.01584	.00185	-.00018
54	AD657637	.00268	.00000	.00053	.01584	.00185	-.00018
55	AD657276	.00013	-.00043	.00050	.30395	.00032	.00006
56	AD657276	.00013	-.00043	.00050	.30395	.00032	.00006
57	AD657276	.00013	-.00043	.00050	.30395	.00032	.00006
58	AD657641	.00821	-.00266	.00127	.02241	.00136	-.00039
59	AD657641	.00821	-.00266	.00127	.02241	.00136	-.00039
60	AD657641	.00821	-.00266	.00127	.02241	.00136	-.00039
61	AD657653	.00405	-.00222	.00089	.00503	.00127	-.00014
62	AD657653	.00405	-.00222	.00089	.00503	.00127	-.00014
63	AD657653	.00405	-.00222	.00089	.00503	.00127	-.00014
64	AD657653	.00405	-.00222	.00089	.00503	.00127	-.00014
65	AD657653	.00405	-.00222	.00089	.00503	.00127	-.00014
66	AD657653	.00405	-.00222	.00089	.00503	.00127	-.00014
67	AD657827/LCS	.00016	1.0334	.98435	.98908	.00122	1.0031
68	AD657827/LCS	.00016	1.0334	.98435	.98908	.00122	1.0031
69	AD657827/LCS	.00016	1.0334	.98435	.98908	.00122	1.0031
70	AD657827/LCS	.00016	1.0334	.98435	.98908	.00122	1.0031
71	AD657827/LCS	.00016	1.0334	.98435	.98908	.00122	1.0031
72	AD657827/LCS	.00016	1.0334	.98435	.98908	.00122	1.0031
73	AD657827/LCS	.00016	1.0334	.98435	.98908	.00122	1.0031
74	AD657827/LCS	.00016	1.0334	.98435	.98908	.00122	1.0031
75	AD657277	-.00005	-.00197	.00091	.03272	-.00006	-.00056
76	AD657277	-.00005	-.00197	.00091	.03272	-.00006	-.00056
77	AD657277	-.00005	-.00197	.00091	.03272	-.00006	-.00056
78	AD657277	-.00005	-.00197	.00091	.03272	-.00006	-.00056
79	AD657277	-.00005	-.00197	.00091	.03272	-.00006	-.00056
80	AD657277	-.00005	-.00197	.00091	.03272	-.00006	-.00056
81	AD657277	-.00005	-.00197	.00091	.03272	-.00006	-.00056
82	AD657277	-.00005	-.00197	.00091	.03272	-.00006	-.00056
83	AD657277	-.00005	-.00197	.00091	.03272	-.00006	-.00056

#	Sample Name	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
84	AD657277	-.00005	-.00197	.00091	.03272	-.00006	-.00056
85	AD657277	-.00005	-.00197	.00091	.03272	-.00006	-.00056
86	AD657277	-.00005	-.00197	.00091	.03272	-.00006	-.00056
87	AD657277	-.00005	-.00197	.00091	.03272	-.00006	-.00056
88	AD657277	-.00005	-.00197	.00091	.03272	-.00006	-.00056
89	AD657278	-.00024	-.00117	-.00006	.08182	-.00069	.00019
90	AD657278	-.00024	-.00117	-.00006	.08182	-.00069	.00019
91	AD657278	-.00024	-.00117	-.00006	.08182	-.00069	.00019
92	AD657278	-.00024	-.00117	-.00006	.08182	-.00069	.00019
93	AD657278	-.00024	-.00117	-.00006	.08182	-.00069	.00019
94	AD657278	-.00024	-.00117	-.00006	.08182	-.00069	.00019
95	AD657278	-.00024	-.00117	-.00006	.08182	-.00069	.00019
96	AD657278	-.00024	-.00117	-.00006	.08182	-.00069	.00019
97	AD657279	.00022	.00213	.00000	.00557	-.00021	-.00002
98	AD657279	.00022	.00213	.00000	.00557	-.00021	-.00002
99	AD657279	.00022	.00213	.00000	.00557	-.00021	-.00002
100	AD657279	.00022	.00213	.00000	.00557	-.00021	-.00002
101	AD657675/PB	.00050	-.00103	.00059	.00133	-.00181	.00005
102	AD657675/PB	.00050	-.00103	.00059	.00133	-.00181	.00005
103	AD657675/PB	.00050	-.00103	.00059	.00133	-.00181	.00005
104	AD657913	.02723	-.00218	.00218	.00666	.00047	-.00049
105	AD657913	.02723	-.00218	.00218	.00666	.00047	-.00049
106	AD657913	.02723	-.00218	.00218	.00666	.00047	-.00049
107	AD657913	.02723	-.00218	.00218	.00666	.00047	-.00049
108	AD657913	.02723	-.00218	.00218	.00666	.00047	-.00049
109	AD657916/L (1:5)	.00000	-.00206	-.00017	.00046	-.00029	-.00030
110	AD657916/L (1:5)	.00000	-.00206	-.00017	.00046	-.00029	-.00030
111	AD657916/L (1:5)	.00000	-.00206	-.00017	.00046	-.00029	-.00030
112	AD657916/L (1:5)	.00000	-.00206	-.00017	.00046	-.00029	-.00030
113	AD657916/L (1:5)	.00000	-.00206	-.00017	.00046	-.00029	-.00030
114	AD657916/L (1:5)	.00000	-.00206	-.00017	.00046	-.00029	-.00030
115	AD657916/L (1:5)	.00000	-.00206	-.00017	.00046	-.00029	-.00030
116	AD657916/L (1:5)	.00000	-.00206	-.00017	.00046	-.00029	-.00030
117	AD657916/L (1:5)	.00000	-.00206	-.00017	.00046	-.00029	-.00030
118	AD657916/L (1:5)	.00000	-.00206	-.00017	.00046	-.00029	-.00030
119	AD657916/L (1:5)	.00000	-.00206	-.00017	.00046	-.00029	-.00030
120	AD657916/L (1:5)	.00000	-.00206	-.00017	.00046	-.00029	-.00030
121	AD657916/PS	.21236	.20352	.20694	.20354	.20382	.05168
122	AD657916/PS	.21236	.20352	.20694	.20354	.20382	.05168
123	AD657916/PS	.21236	.20352	.20694	.20354	.20382	.05168
124	AD657927	.00010	-.00265	-.00049	.00162	.00035	-.00029
125	AD657927	.00010	-.00265	-.00049	.00162	.00035	-.00029
126	AD657927	.00010	-.00265	-.00049	.00162	.00035	-.00029
127	AD657927	.00010	-.00265	-.00049	.00162	.00035	-.00029
128	AD657931/FB	.20084	.20254	.21967	.20032	.19861	.05090
129	AD657931/FB	.20084	.20254	.21967	.20032	.19861	.05090
130	AD657931/FB	.20084	.20254	.21967	.20032	.19861	.05090
131	AD657931/FB	.20084	.20254	.21967	.20032	.19861	.05090
132	AD657917/MS	.20649	.19693	.22316	.19961	.19999	.05114
133	AD657917/MS	.20649	.19693	.22316	.19961	.19999	.05114
134	AD657917/MS	.20649	.19693	.22316	.19961	.19999	.05114
135	AD657917/MS	.20649	.19693	.22316	.19961	.19999	.05114
136	AD657917/MS	.20649	.19693	.22316	.19961	.19999	.05114
137	AD657917/MS	.20649	.19693	.22316	.19961	.19999	.05114

Analysis Report Averages 10/04/06 08:45:42 AM page 27

#	Sample Name	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
138	AD657917/MS	.20649	.19693	.22316	.19961	.19999	.05114
139	AD657917/MS	.20649	.19693	.22316	.19961	.19999	.05114
140	AD657917/MS	.20649	.19693	.22316	.19961	.19999	.05114
141	AD657917/MS	.20649	.19693	.22316	.19961	.19999	.05114
142	AD657917/MS	.20649	.19693	.22316	.19961	.19999	.05114
143	AD657917/MS	.20649	.19693	.22316	.19961	.19999	.05114
144	AD657917/MS	.20649	.19693	.22316	.19961	.19999	.05114
145	AD657917/MS	.20649	.19693	.22316	.19961	.19999	.05114
146	AD657917/MS	.20649	.19693	.22316	.19961	.19999	.05114
147	AD657917/MS	.20649	.19693	.22316	.19961	.19999	.05114
148	AD657917/MS	.20649	.19693	.22316	.19961	.19999	.05114
149	AD657917/MS	.20649	.19693	.22316	.19961	.19999	.05114
150	AD657917/MS	.20649	.19693	.22316	.19961	.19999	.05114
151	AD657823/L (1:5)	-.00012	-.00028	-.00032	.02242	-.00008	-.00007
152	AD657823/L (1:5)	-.00012	-.00028	-.00032	.02242	-.00008	-.00007
153	AD657918/SD	.21166	.20155	.22743	.20201	.20745	.05205
154	AD657918/SD	.21166	.20155	.22743	.20201	.20745	.05205
155	AD657918/SD	.21166	.20155	.22743	.20201	.20745	.05205
156	AD657918/SD	.21166	.20155	.22743	.20201	.20745	.05205
157	AD657918/SD	.21166	.20155	.22743	.20201	.20745	.05205
158	AD657918/SD	.21166	.20155	.22743	.20201	.20745	.05205
159	AD657918/SD	.21166	.20155	.22743	.20201	.20745	.05205
160	AD657920	.22096	.00065	.01601	.03150	-.00123	-.00039
161	AD657920	.22096	.00065	.01601	.03150	-.00123	-.00039
162	AD657920	.22096	.00065	.01601	.03150	-.00123	-.00039
163	AD657920	.22096	.00065	.01601	.03150	-.00123	-.00039
164	AD657920	.22096	.00065	.01601	.03150	-.00123	-.00039
165	AD657920	.22096	.00065	.01601	.03150	-.00123	-.00039
166	AD657920	.22096	.00065	.01601	.03150	-.00123	-.00039
167	AD657920	.22096	.00065	.01601	.03150	-.00123	-.00039
168	AD657920	.22096	.00065	.01601	.03150	-.00123	-.00039
169	AD657920	.22096	.00065	.01601	.03150	-.00123	-.00039
170	AD657823/PS	.00102	1.0216	1.0035	1.1239	.00143	1.0634
171	AD657823/PS	.00102	1.0216	1.0035	1.1239	.00143	1.0634
172	AD657823/PS	.00102	1.0216	1.0035	1.1239	.00143	1.0634
173	AD657823/PS	.00102	1.0216	1.0035	1.1239	.00143	1.0634
174	AD657823/PS	.00102	1.0216	1.0035	1.1239	.00143	1.0634
175	AD657823/PS	.00102	1.0216	1.0035	1.1239	.00143	1.0634
176	AD657823/PS	.00102	1.0216	1.0035	1.1239	.00143	1.0634
177	AD657823/PS	.00102	1.0216	1.0035	1.1239	.00143	1.0634
178	AD657823/PS	.00102	1.0216	1.0035	1.1239	.00143	1.0634
179	AD657823/PS	.00102	1.0216	1.0035	1.1239	.00143	1.0634
180	AD657823/PS	.00102	1.0216	1.0035	1.1239	.00143	1.0634
181	AD657929	.01838	-.00442	.00063	.00327	.00014	-.00029
182	AD657929	.01838	-.00442	.00063	.00327	.00014	-.00029
183	AD657929	.01838	-.00442	.00063	.00327	.00014	-.00029
184	AD657929	.01838	-.00442	.00063	.00327	.00014	-.00029
185	AD657929	.01838	-.00442	.00063	.00327	.00014	-.00029
186	AD657929	.01838	-.00442	.00063	.00327	.00014	-.00029
187	AD657929	.01838	-.00442	.00063	.00327	.00014	-.00029
188	AD657929	.01838	-.00442	.00063	.00327	.00014	-.00029
189	AD657929	.01838	-.00442	.00063	.00327	.00014	-.00029
190	AD657824/MS	.00039	.93416	.89986	.92524	.00260	.91937
191	AD657824/MS	.00039	.93416	.89986	.92524	.00260	.91937

#	Sample Name	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
192	AD658096/PS	1.0427	.40158	.47072	.60135	.42147	.09988
193	AD658096/PS	1.0427	.40158	.47072	.60135	.42147	.09988
194	AD658096/PS	1.0427	.40158	.47072	.60135	.42147	.09988
195	AD658096/PS	1.0427	.40158	.47072	.60135	.42147	.09988
196	AD658100	.53907	-.00434	.19377	.23757	.03465	.00029
197	AD658100	.53907	-.00434	.19377	.23757	.03465	.00029
198	AD658100	.53907	-.00434	.19377	.23757	.03465	.00029
199	AD658100	.53907	-.00434	.19377	.23757	.03465	.00029
200	AD658100	.53907	-.00434	.19377	.23757	.03465	.00029
201	AD658100	.53907	-.00434	.19377	.23757	.03465	.00029
202	AD658100	.53907	-.00434	.19377	.23757	.03465	.00029
203	AD658100	.53907	-.00434	.19377	.23757	.03465	.00029
204	AD658100	.53907	-.00434	.19377	.23757	.03465	.00029
205	AD658100	.53907	-.00434	.19377	.23757	.03465	.00029
206	AD657825/SD	.00070	1.0018	.95890	.97615	.00259	.97364
207	AD657825/SD	.00070	1.0018	.95890	.97615	.00259	.97364
208	AD657825/SD	.00070	1.0018	.95890	.97615	.00259	.97364
209	AD657825/SD	.00070	1.0018	.95890	.97615	.00259	.97364
210	AD657825/SD	.00070	1.0018	.95890	.97615	.00259	.97364
211	AD657825/SD	.00070	1.0018	.95890	.97615	.00259	.97364
212	AD657825/SD	.00070	1.0018	.95890	.97615	.00259	.97364
213	AD657825/SD	.00070	1.0018	.95890	.97615	.00259	.97364
214	AD657825/SD	.00070	1.0018	.95890	.97615	.00259	.97364
215	AD657825/SD	.00070	1.0018	.95890	.97615	.00259	.97364
216	AD657825/SD	.00070	1.0018	.95890	.97615	.00259	.97364
217	AD657825/SD	.00070	1.0018	.95890	.97615	.00259	.97364
218	AD657930	-.00022	-.00164	-.00014	.00141	.00037	.00002
219	AD657930	-.00022	-.00164	-.00014	.00141	.00037	.00002
220	AD657930	-.00022	-.00164	-.00014	.00141	.00037	.00002
221	AD657930	-.00022	-.00164	-.00014	.00141	.00037	.00002
222	AD657930	-.00022	-.00164	-.00014	.00141	.00037	.00002
223	AD657930	-.00022	-.00164	-.00014	.00141	.00037	.00002
224	AD657930	-.00022	-.00164	-.00014	.00141	.00037	.00002
225	AD657930	-.00022	-.00164	-.00014	.00141	.00037	.00002
226	AD657930	-.00022	-.00164	-.00014	.00141	.00037	.00002
227	AD657930	-.00022	-.00164	-.00014	.00141	.00037	.00002
228	AD657930	-.00022	-.00164	-.00014	.00141	.00037	.00002
229	AD657930	-.00022	-.00164	-.00014	.00141	.00037	.00002
230	AD657930	-.00022	-.00164	-.00014	.00141	.00037	.00002
231	AD657930	-.00022	-.00164	-.00014	.00141	.00037	.00002
232	AD657930	-.00022	-.00164	-.00014	.00141	.00037	.00002
233	AD657930	-.00022	-.00164	-.00014	.00141	.00037	.00002
234	AD657930	-.00022	-.00164	-.00014	.00141	.00037	.00002
235	AD657930	-.00022	-.00164	-.00014	.00141	.00037	.00002
236	AD657930	-.00022	-.00164	-.00014	.00141	.00037	.00002
237	AD657930	-.00022	-.00164	-.00014	.00141	.00037	.00002
238	AD657930	-.00022	-.00164	-.00014	.00141	.00037	.00002
239	AD657930	-.00022	-.00164	-.00014	.00141	.00037	.00002
240	AD657930	-.00022	-.00164	-.00014	.00141	.00037	.00002
241	AD657930	-.00022	-.00164	-.00014	.00141	.00037	.00002
242	AD657930	-.00022	-.00164	-.00014	.00141	.00037	.00002
243	AD657930	-.00022	-.00164	-.00014	.00141	.00037	.00002
244	CCV	.51903	.50441	.49724	.50346	.50997	.50343
245	CCV	.51903	.50441	.49724	.50346	.50997	.50343

Standardization Rpt. 10/04/06 01:48:30 AM page 1

Method: TRACE2 Standard: STD BLK
Run Time: 10/04/06 01:43:42

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	.08275	-.01121	.07183	.01965	.19690	.07437	-.02135
SDev	.00701	.02291	.01840	.00564	.00119	.00364	.00546
%RSD	8.4708	204.36	25.615	28.684	.60463	4.8978	25.564
#1	.08771	.00499	.05882	.02363	.19774	.07694	-.02521
#2	.07780	-.02741	.08484	.01566	.19606	.07179	-.01749

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	-.00497	.00394	.03574	.00865	-.02221	.03497	.00943
SDev	.00109	.00631	.00041	.00263	.02175	.00996	.00004
%RSD	21.923	160.16	1.1376	30.396	97.947	28.472	.41657
#1	-.00420	.00840	.03545	.01050	-.00683	.04202	.00945
#2	-.00574	-.00052	.03603	.00679	-.03759	.02793	.00940

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1
Avge	.02124	.01312	-.06411	.03500	-.02867	.00273	-.02475
SDev	.01601	.01524	.01825	.02107	.00192	.01991	.05840
%RSD	75.374	116.10	28.462	60.194	6.6878	730.73	235.95
#1	.03256	.02390	-.05121	.04989	-.02731	.01681	.01654
#2	.00992	.00235	-.07701	.02010	-.03002	-.01136	-.06605

Elem	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Avge	.09340	.10057	-.00603	.00118	.00131	-.00377	.00329
SDev	.03627	.01116	.01900	.00018	.00001	.01091	.01020
%RSD	38.833	11.094	315.18	15.302	.41656	289.03	309.54
#1	.06775	.10845	-.01947	.00105	.00131	.00394	.01050
#2	.11904	.09268	.00741	.00131	.00131	-.01149	-.00392

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3819	--	--	--	--	--	--
SDev	15.90990	--	--	--	--	--	--
%RSD	.4165659	--	--	--	--	--	--
#1	3808	--	--	--	--	--	--
#2	3831	--	--	--	--	--	--

Standardization Rpt. 10/04/06 01:52:56 AM page 1

Method: TRACE2 Standard: STD 1
Run Time: 10/04/06 01:48:34

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	8.2945	.98498	1.6465	4.2119	6.9993	13.074	.75341
SDev	.0863	.00318	.0262	.0460	.0766	.128	.00588
%RSD	1.0408	.32296	1.5911	1.0911	1.0950	.98193	.78039
#1	8.2335	.98722	1.6279	4.1794	6.9451	12.983	.74925
#2	8.3556	.98273	1.6650	4.2444	7.0535	13.164	.75756

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Mo2020	Ni2316	2203/1
Avge	1.9563	.91709	1.7557	1.3690	1.7135	5.2593	1.8236
SDev	.0181	.00728	.0210	.0145	.0277	.0264	.0387
%RSD	.92474	.79429	1.1978	1.0626	1.6178	.50223	2.1208
#1	1.9435	.91194	1.7409	1.3588	1.6939	5.2406	1.7963
#2	1.9691	.92224	1.7706	1.3793	1.7331	5.2780	1.8510

Elem	2203/2	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924
Avge	1.7777	.58419	.64755	1.3177	5.3521	.65008	.29176
SDev	.0059	.01488	.02755	.0291	.0563	.00077	.00313
%RSD	.33382	2.5468	4.2544	2.2050	1.0520	.11901	1.0739
#1	1.7819	.57367	.62807	1.2971	5.3123	.65063	.28954
#2	1.7735	.59471	.66703	1.3382	5.3919	.64954	.29397

Elem	Zn2062	Sn1899	Ag3280
Avge	.29215	2.9669	1.5520
SDev	.00332	.0377	.0170
%RSD	1.1360	1.2703	1.0947
#1	.28980	2.9403	1.5400
#2	.29449	2.9936	1.5640

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3861	--	--	--	--	--	--
SDev	24.50118	--	--	--	--	--	--
%RSD	.6345443	--	--	--	--	--	--
#1	3879	--	--	--	--	--	--
#2	3844	--	--	--	--	--	--

Standardization Rpt. 10/04/06 01:57:21 AM page 1

Method: TRACE2 Standard: STD 2
Run Time: 10/04/06 01:52:59

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	40.830	4.9145	7.9180	20.682	34.021	64.494	3.7603
SDev	.569	.0915	.1016	.265	.474	.882	.0508
%RSD	1.3941	1.8628	1.2836	1.2823	1.3932	1.3674	1.3505
#1	40.427	4.8497	7.8462	20.495	33.686	63.871	3.7244
#2	41.232	4.9792	7.9899	20.870	34.356	65.118	3.7962

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Mo2020	Ni2316	2203/1
Avge	9.6985	4.3915	8.7078	6.7637	8.5509	26.108	9.0421
SDev	.1400	.0676	.1253	.0983	.1688	.341	.1058
%RSD	1.4439	1.5388	1.4394	1.4530	1.9735	1.3066	1.1703
#1	9.5995	4.3437	8.6192	6.6942	8.4315	25.866	8.9673
#2	9.7975	4.4392	8.7965	6.8332	8.6702	26.349	9.1170

Elem	2203/2	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924
Avge	8.6183	2.9155	3.3980	6.0967	26.018	3.2984	1.4367
SDev	.1405	.0517	.0132	.0702	.371	.0679	.0209
%RSD	1.6297	1.7747	.38810	1.1512	1.4268	2.0578	1.4534
#1	8.5189	2.8789	3.4074	6.0471	25.755	3.2504	1.4219
#2	8.7176	2.9521	3.3887	6.1464	26.280	3.3464	1.4515

Elem	Zn2062	Sn1899	Ag3280
Avge	1.4060	14.995	7.7667
SDev	.0190	.254	.0952
%RSD	1.3485	1.6934	1.2253
#1	1.3926	14.816	7.6994
#2	1.4194	15.175	7.8339

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3865	--	--	--	--	--	--
SDev	34.52445	--	--	--	--	--	--
%RSD	.8931693	--	--	--	--	--	--
#1	3890	--	--	--	--	--	--
#2	3841	--	--	--	--	--	--

Standardization Rpt. 10/04/06 02:02:14 AM page 1

Method: TRACE2 Standard: STD 3
Run Time: 10/04/06 01:57:25

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	82.922	10.001	15.890	42.405	67.905	53.963	128.68
SDev	.252	.051	.069	.168	.131	.222	.18
%RSD	.30427	.50602	.43560	.39694	.19356	.41091	.13891
#1	82.744	9.9653	15.841	42.286	67.812	53.806	128.55
#2	83.101	10.037	15.939	42.525	67.998	54.120	128.81

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	7.5127	19.359	8.8313	17.323	69.907	105.22	13.465
SDev	.0075	.017	.0096	.008	.096	.25	.001
%RSD	.09928	.08800	.10834	.04378	.13683	.24080	.00955
#1	7.5074	19.347	8.8245	17.328	69.839	105.04	13.465
#2	7.5179	19.372	8.8380	17.317	69.975	105.40	13.464

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1
Avge	17.170	3.1328	52.607	18.041	17.358	5.9320	6.8908
SDev	.085	.0167	.117	.018	.091	.0294	.0022
%RSD	.49540	.53234	.22220	.09812	.52157	.49504	.03255
#1	17.109	3.1210	52.525	18.029	17.294	5.9113	6.8924
#2	17.230	3.1446	52.690	18.054	17.422	5.9528	6.8892

Elem	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Avge	12.360	52.976	6.6376	2.8858	2.7979	30.062	15.664
SDev	.091	.255	.0251	.0078	.0079	.025	.010
%RSD	.73303	.48180	.37799	.26910	.28178	.08381	.06614
#1	12.296	52.795	6.6198	2.8803	2.7923	30.044	15.657
#2	12.424	53.156	6.6553	2.8912	2.8035	30.080	15.672

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3825	--	--	--	--	--	--
SDev	5.144305	--	--	--	--	--	--
%RSD	.1344982	--	--	--	--	--	--
#1	3821	--	--	--	--	--	--
#2	3828	--	--	--	--	--	--

Standardization Report 10/04/06 02:02:14 AM page 1

Method: TRACE2 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	.608908	-.050331	10/04/06 01:57:25
As1890	189.042	Multiple	Standards	.100133	.001122	10/04/06 01:57:25
B_2496	249.678	Multiple	Standards	.064418	-.004627	10/04/06 01:57:25
Ba4934	493.409	Multiple	Standards	.023879	-.000469	10/04/06 01:57:25
Be3130	313.042	Multiple	Standards	.014753	-.002908	10/04/06 01:57:25
Ca3179	317.933	STD 3	STD BLK	1.05558	-.044037	10/04/06 01:57:25
Cd2265	226.502	Multiple	Standards	.007721	.000156	10/04/06 01:57:25
Co2286	228.616	Multiple	Standards	.132776	.000656	10/04/06 01:57:25
Cr2677	267.716	Multiple	Standards	.051499	-.000207	10/04/06 01:57:25
Cu3247	324.753	Multiple	Standards	.114038	-.004079	10/04/06 01:57:25
Fe2714	271.441	Multiple	Standards	2.87508	-.025055	10/04/06 01:57:25
K_7664	766.491	STD 3	STD BLK	1.03420	-.013626	10/04/06 01:57:25
Mg2790	279.078	STD 3	STD BLK	1.11285	-.027697	10/04/06 01:57:25
Mn2576	257.610	Multiple	Standards	.073966	-.000702	10/04/06 01:57:25
Mo2020	202.030	Multiple	Standards	.058661	-.001240	10/04/06 01:57:25
Na3302	330.232	STD 3	STD BLK	1.09596	-.003709	10/04/06 01:57:25
Ni2316	231.604	Multiple	Standards	.018940	.001207	10/04/06 01:57:25
2203/1	220.351	Multiple	Standards	.057045	-.001992	10/04/06 01:57:25
2203/2	220.352	Multiple	Standards	.056137	.001587	10/04/06 01:57:25
PB2203	220.353	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
SE1960	196.026	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Sb2068	206.838	Multiple	Standards	.170679	-.000458	10/04/06 01:57:25
1960/1	196.021	Multiple	Standards	.146416	.003638	10/04/06 01:57:25
1960/2	196.022	Multiple	Standards	.079997	-.007475	10/04/06 01:57:25
Ti3372	337.280	Multiple	Standards	.019082	-.001920	10/04/06 01:57:25
Tl1908	190.864	Multiple	Standards	.150124	.000911	10/04/06 01:57:25
V_2924	292.402	Multiple	Standards	.346707	-.000414	10/04/06 01:57:25
Zn2062	206.200	Multiple	Standards	.351930	-.000482	10/04/06 01:57:25
Sn1899	189.989	Multiple	Standards	.033417	.000132	10/04/06 01:57:25
Ag3280	328.068	Multiple	Standards	.064273	-.000207	10/04/06 01:57:25

Standardization Readback Report 10/04/06 02:02:14 AM page 1

Method: TRACE2

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	STD BLK	.000000	.000058	-.000058
		STD 1	5.00000	5.00028	-.000275
		STD 2	25.0000	24.8112	.188774
		STD 3	50.0000	50.4417	-.441723

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	STD BLK	.000000	-.000001	.000001
		STD 1	.100000	.099750	.000250
		STD 2	.500000	.493223	.006777
		STD 3	1.00000	1.00256	-.002558

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	STD BLK	.000000	.000001	-.000001
		STD 1	.100000	.101435	-.001435
		STD 2	.500000	.505438	-.005438
		STD 3	1.00000	1.01897	-.018970

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	STD BLK	.000000	.000000	-.000000
		STD 1	.100000	.100106	-.000106
		STD 2	.500000	.493404	.006596
		STD 3	1.00000	1.01213	-.012127

CorCoef: 0.99991

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.100355	-.000355
		STD 2	.500000	.499017	.000983
		STD 3	1.00000	.998910	.001090

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Ca3179	317.933	STD BLK	.034463	.074367	-.039904
		STD 3	56.9182	53.9630	2.955152

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	STD BLK	.000000	-.000009	.000009
		STD 1	.100000	.101098	-.001098
		STD 2	.500000	.498114	.001886
		STD 3	1.00000	.993698	.006302

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	STD BLK	.000000	-.000005	.000005
		STD 1	.100000	.100690	-.000690
		STD 2	.500000	.499929	.000071
		STD 3	1.00000	.998156	.001844

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	STD BLK	.000000	-.000004	.000004
		STD 1	.100000	.100540	-.000540
		STD 2	.500000	.499255	.000745
		STD 3	1.00000	.996787	.003213

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.100504	-.000504
		STD 2	.500000	.496715	.003285
		STD 3	1.00000	1.00302	-.003025

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	STD BLK	.000000	-.000198	.000198
		STD 1	5.00000	5.02280	-.022799
		STD 2	25.0000	25.0107	-.010660
		STD 3	50.0000	49.7786	.221352

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	STD BLK	-.036596	-.022210	-.014386
		STD 3	72.2841	69.9069	2.37720

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Mg2790	279.078	STD BLK	.011225	.034975	-.023749
		STD 3	117.067	105.220	11.8469

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	STD BLK	.000000	-.000005	.000005
		STD 1	.100000	.100561	-.000561
		STD 2	.500000	.499582	.000418
		STD 3	1.00000	.995225	.004775

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	STD BLK	.000000	.000006	-.000006
		STD 1	.100000	.099277	.000723
		STD 2	.500000	.500360	-.000360
		STD 3	1.00000	1.00594	-.005937

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	STD BLK	.010673	.013123	-.002450
		STD 3	3.42975	3.13282	.296931

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	STD BLK	.000000	-.000007	.000007
		STD 1	.100000	.100817	-.000817
		STD 2	.500000	.495681	.004319
		STD 3	1.00000	.997584	.002416

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	STD BLK	.000000	.000004	-.000004
		STD 1	.100000	.102036	-.002036
		STD 2	.500000	.513811	-.013811
		STD 3	1.00000	1.02716	-.027163

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	STD BLK	.000000	-.000023	.000023
		STD 1	.100000	.101379	-.001379
		STD 2	.500000	.485391	.014609
		STD 3	1.00000	.976025	.023975

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
PB2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
SE1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	STD BLK	.000000	.000007	-.000007
		STD 1	.100000	.099251	.000749
		STD 2	.500000	.497163	.002837
		STD 3	1.00000	1.01202	-.012019

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	STD BLK	.000000	.000014	-.000014
		STD 1	.100000	.098449	.001551
		STD 2	.500000	.501165	-.001165
		STD 3	1.00000	1.01256	-.012558

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	STD BLK	.000000	-.000004	.000004
		STD 1	.100000	.097935	.002065
		STD 2	.500000	.480242	.019758
		STD 3	1.00000	.981284	.018716

CorCoef: 0.99993

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3372	337.280	STD BLK	.000000	-.000001	.000001
		STD 1	.100000	.100209	-.000209
		STD 2	.500000	.494544	.005456
		STD 3	1.00000	1.00896	-.008958

CorCoef: 0.99994

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	STD BLK	.000000	.000006	-.000006
		STD 1	.100000	.098504	.001496
		STD 2	.500000	.496083	.003917
		STD 3	1.00000	.997368	.002632

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	STD BLK	.000000	-.000005	.000005
		STD 1	.100000	.100741	-.000741
		STD 2	.500000	.497697	.002303
		STD 3	1.00000	1.00010	-.000099

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	STD BLK	.000000	-.000021	.000021
		STD 1	.100000	.102333	-.002333
		STD 2	.500000	.494340	.005660
		STD 3	1.00000	.984185	.015815

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	STD BLK	.000000	.000006	-.000006
		STD 1	.100000	.099279	.000721
		STD 2	.500000	.501235	-.001235
		STD 3	1.00000	1.00474	-.004736

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	STD BLK	.000000	.000004	-.000004
		STD 1	.100000	.099546	.000454
		STD 2	.500000	.498979	.001021
		STD 3	1.00000	1.00658	-.006584

CorCoef: 0.99999

Analysis Report Blank Sample 10/04/06 02:07:07 AM page 1

Method: TRACE2 Sample Name: STD 3 VER Operator: AK
Run Time: 10/04/06 02:02:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	51.258	1.0355	1.0133	1.0478	1.0132	51.037	1.0027
SDev	.463	.0155	.0054	.0120	.0086	.521	.0077
%RSD	.90277	1.4939	.53359	1.1412	.84965	1.0210	.77078
#1	50.931	1.0246	1.0095	1.0394	1.0071	50.668	.99723
#2	51.585	1.0464	1.0171	1.0563	1.0193	51.405	1.0082
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0039	1.0023	1.0181	49.954	50.536	50.649	.99935
SDev	.0066	.0070	.0100	.293	.341	.395	.00597
%RSD	.65848	.69604	.98665	.58571	.67423	.78041	.59732
#1	.99925	.99742	1.0110	49.748	50.295	50.370	.99513
#2	1.0086	1.0073	1.0252	50.161	50.777	50.929	1.0036
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0186	50.981	1.0145	1.0070	1.0087	1.0081	1.0257
SDev	.0090	.421	.0094	.0050	.0145	.0113	.0119
%RSD	.88266	.82523	.92291	.49378	1.4366	1.1230	1.1629
#1	1.0122	50.683	1.0078	1.0035	.99843	1.0001	1.0173
#2	1.0250	51.278	1.0211	1.0105	1.0189	1.0161	1.0341
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0319	1.0123	1.0324	1.0373	1.0356	1.0140	.99692
SDev	.0087	.0053	.0153	.0128	.0172	.0095	.00809
%RSD	.84055	.51889	1.4787	1.2349	1.6571	.93693	.81159
#1	1.0258	1.0086	1.0216	1.0282	1.0235	1.0073	.99120
#2	1.0380	1.0160	1.0432	1.0464	1.0478	1.0207	1.0026
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	1.0107	1.0097
SDev	.0095	.0058
%RSD	.93871	.57670
#1	1.0039	1.0056
#2	1.0174	1.0138
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3818	--	--	--	--	--	--
SDev	21.74353	--	--	--	--	--	--
%RSD	.5695080	--	--	--	--	--	--
#1	3833	--	--	--	--	--	--
#2	3803	--	--	--	--	--	--

Analysis Report QC Standard 10/04/06 02:11:59 AM page 1

Method: TRACE2 Sample Name: ICV Operator: AK
Run Time: 10/04/06 02:07:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.997	.37693	.36773	.39079	.38353	18.957	.37132
SDev	.103	.00040	.00322	.00128	.00286	.127	.00282
%RSD	.54251	.10630	.87584	.32620	.74636	.66810	.76088
#1	18.924	.37665	.36545	.38989	.38150	18.867	.36932
#2	19.070	.37721	.37001	.39169	.38555	19.047	.37332
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	18.750	.37500	.37500	.37500	.37500	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37126	.37257	.38298	18.543	19.051	18.676	.38053
SDev	.00264	.00307	.00265	.153	.092	.124	.00285
%RSD	.71094	.82432	.69238	.82516	.48129	.66558	.74804
#1	.36940	.37040	.38110	18.434	18.986	18.588	.37852
#2	.37313	.37474	.38485	18.651	19.116	18.764	.38255
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500	.37500	.37500	18.750	18.750	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38703	18.333	.37793	.37646	.37849	.37782	.38759
SDev	.00322	.114	.00257	.00341	.00520	.00460	.00073
%RSD	.83208	.62098	.67919	.90537	1.3740	1.2185	.18792
#1	.38475	18.253	.37612	.37405	.37481	.37456	.38708
#2	.38931	18.414	.37975	.37887	.38217	.38107	.38811
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.37500	18.750	.37500			.37500	.37500
Range	5.0000	5.0000	5.0000			5.0000	5.0000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38716	.38132	.39073	Q.39680	.38744	.37574	.37961
SDev	.00417	.00000	.00109	.00224	.00486	.00272	.00275
%RSD	1.0760	.00015	.27956	.56479	1.2542	.72325	.72518
#1	.38421	.38132	.38996	Q.39522	.38401	.37382	.37766
#2	.39010	.38132	.39151	Q.39839	.39088	.37766	.38156
Errors	QC Pass	NOCHECK	NOCHECK	QC Fail	QC Pass	QC Pass	QC Pass
Value	.37500			.37500	.37500	.37500	.37500
Range	5.0000			5.0000	5.0000	5.0000	5.0000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.38262	.37270
SDev	.00507	.00257
%RSD	1.3260	.69077
#1	.37904	.37088
#2	.38621	.37452
Errors	QC Pass	QC Pass
Value	.37500	.37500
Range	5.0000	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3855	--	--	--	--	--	--
SDev	18.08422	--	--	--	--	--	--
%RSD	.4690880	--	--	--	--	--	--
#1	3868	--	--	--	--	--	--
#2	3842	--	--	--	--	--	--

Analysis Report Blank Sample 10/04/06 02:16:51 AM page 1

Method: TRACE2 Sample Name: ICB Operator: AK
Run Time: 10/04/06 02:12:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00171	.00083	.00058	.00025	.00032	-.01524	.00035
SDev	.00066	.00200	.00053	.00004	.00002	.00067	.00007
%RSD	38.423	240.26	91.681	17.433	6.8129	4.3789	19.991
#1	-.00124	-.00058	.00095	.00028	.00033	-.01477	.00030
#2	-.00217	.00224	.00020	.00022	.00030	-.01571	.00040
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00031	.00008	-.00012	-.00337	-.00661	.00958	-.00009
SDev	.00005	.00001	.00011	.00741	.01323	.00158	.00008
%RSD	15.624	11.759	88.628	220.02	200.15	16.531	94.384
#1	.00034	.00007	-.00019	-.00860	.00274	.01070	-.00003
#2	.00028	.00009	-.00004	.00187	-.01596	.00846	-.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00083	-.11687	-.00003	-.00187	.00159	.00044	-.00120
SDev	.00146	.05803	.00021	.00143	.00081	.00007	.00101
%RSD	175.96	49.653	757.37	76.266	51.000	15.208	83.793
#1	.00186	-.07583	-.00017	-.00086	.00102	.00039	-.00049
#2	-.00020	-.15790	.00012	-.00288	.00217	.00049	-.00191
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00072	-.00004	-.00178	.00004	.00040	-.00005	-.00007
SDev	.00010	.00547	.00122	.00030	.00045	.00000	.00019
%RSD	13.412	14349.	68.673	815.60	111.13	1.6795	277.37
#1	.00079	.00383	-.00265	.00024	.00072	-.00005	-.00021
#2	.00065	-.00390	-.00092	-.00017	.00009	-.00005	.00007
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00130	-.00009
SDev	.00061	.00043
%RSD	47.217	470.78
#1	-.00087	.00021
#2	-.00174	-.00039
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3844	--	--	--	--	--	--
SDev	.2121666	--	--	--	--	--	--
%RSD	.0055191	--	--	--	--	--	--
#1	3844	--	--	--	--	--	--
#2	3844	--	--	--	--	--	--

Analysis Report Blank Sample 10/04/06 02:21:42 AM page 1

Method: TRACE2 Sample Name: CRI Operator: AK
Run Time: 10/04/06 02:16:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18308	.01136	.04931	.00222	.00218	.45862	.00116
SDev	.00216	.00005	.00011	.00012	.00000	.00109	.00005
%RSD	1.1804	.47843	.22980	5.4272	.06172	.23782	4.6876
#1	.18461	.01132	.04923	.00231	.00218	.45939	.00120
#2	.18156	.01139	.04939	.00214	.00218	.45785	.00112
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.07500	.00300	.00300	.75000	.00150
Low	.10000	.00500	.02500	.00100	.00100	.25000	.00050

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00439	.00391	.01066	.03801	.46158	.19469	.00271
SDev	.00003	.00027	.00022	.00365	.00979	.00034	.00006
%RSD	.62553	6.8549	2.0510	9.5951	2.1200	.17515	2.4076
#1	.00437	.00372	.01081	.04059	.46849	.19445	.00275
#2	.00441	.00410	.01050	.03543	.45466	.19493	.00266
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01043	.90003	.00962	.00548	.00571	.00564	.01148
SDev	.00024	.03708	.00030	.00050	.00152	.00085	.00213
%RSD	2.2884	4.1201	3.0719	9.0462	26.588	15.042	18.549
#1	.01059	.92625	.00941	.00583	.00464	.00504	.01298
#2	.01026	.87381	.00983	.00513	.00678	.00623	.00997
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01500	1.5000	.01500			.00750	.02250
Low	.00500	.50000	.00500			.00250	.00750

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02346	.01240	.01102	.00501	.01728	.00504	.01378
SDev	.00212	.00174	.00232	.00001	.00091	.00007	.00001
%RSD	9.0347	14.043	21.085	.23903	5.2418	1.3494	.08080
#1	.02196	.01363	.01266	.00502	.01664	.00499	.01377
#2	.02496	.01117	.00937	.00500	.01792	.00509	.01379
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.03000			.00750	.03000	.00750	.01500
Low	.01000			.00250	.01000	.00250	.00500

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00600	.00319
SDev	.00019	.00034
%RSD	3.1953	10.647
#1	.00614	.00343
#2	.00587	.00295
Errors	LC Pass	LC Pass
High	.01500	.00450
Low	.00500	.00150

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3849	--	--	--	--	--	--
SDev	3.075983	--	--	--	--	--	--
%RSD	.0799133	--	--	--	--	--	--
#1	3851	--	--	--	--	--	--
#2	3847	--	--	--	--	--	--

Analysis Report QC Standard 10/04/06 02:26:34 AM page 1

Method: TRACE2 Sample Name: ICSA Operator: AK
Run Time: 10/04/06 02:21:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	510.27	-.00098	.00276	.00138	.00117	511.53	.00185
SDev	2.80	.00137	.00065	.00002	.00002	3.54	.00010
%RSD	.54923	140.01	23.486	1.7186	1.9520	.69278	5.4597
#1	508.29	-.00195	.00230	.00140	.00116	509.02	.00192
#2	512.25	-.00001	.00322	.00136	.00119	514.03	.00178
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value	500.00					500.00	
Range	100.00					100.00	

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00082	.00009	.00070	192.62	.00530	507.19	-.00010
SDev	.00024	.00004	.00008	.75	.00054	2.52	.00000
%RSD	28.733	37.522	11.993	.39142	10.119	.49741	.05139
#1	.00099	.00007	.00064	192.09	.00492	505.40	-.00010
#2	.00065	.00012	.00076	193.16	.00568	508.97	-.00010
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK	QC Pass	NOCHECK
Value				200.00		500.00	
Range				40.000		100.00	

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	-.22254	-.00029	.01548	.02870	.02429	-.00523
SDev	.00009	.00934	.00054	.00175	.00047	.00027	.00377
%RSD	115.53	4.1965	186.53	11.318	1.6482	1.1027	72.017
#1	.00014	-.21594	.00009	.01672	.02836	.02448	-.00790
#2	.00001	-.22914	-.00067	.01424	.02903	.02410	-.00257
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00093	-.01135	-.00218	.00120	-.00515	-.00189	.00177
SDev	.00158	.00319	.00406	.00006	.00058	.00019	.00038
%RSD	169.87	28.152	186.23	5.3735	11.211	9.9120	21.420
#1	.00205	-.01360	-.00505	.00124	-.00475	-.00203	.00150
#2	-.00019	-.00909	.00069	.00115	-.00556	-.00176	.00204
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00021	-.00006
SDev	.00026	.00033
%RSD	123.99	516.08
#1	-.00003	.00017
#2	-.00040	-.00030
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3583	--	--	--	--	--	--
SDev	.3181635	--	--	--	--	--	--
%RSD	.0088799	--	--	--	--	--	--
#1	3583	--	--	--	--	--	--
#2	3583	--	--	--	--	--	--

Analysis Report QC Standard 10/04/06 02:31:25 AM page 1

Method: TRACE2 Sample Name: ICSAB Operator: AK
Run Time: 10/04/06 02:26:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	519.27	.10906	.00307	.55141	.55188	522.63	.97966
SDev	2.28	.00260	.00048	.00515	.00334	4.25	.00406
%RSD	.43978	2.3880	15.758	.93386	.60490	.81313	.41446
#1	517.65	.10722	.00273	.54777	.54952	519.63	.97679
#2	520.88	.11090	.00341	.55505	.55424	525.64	.98253
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48686	.49813	.53701	96.642	-.00436	485.46	.51246
SDev	.00232	.00208	.00286	.348	.00652	2.15	.00146
%RSD	.47654	.41685	.53190	.36042	149.61	.44310	.28580
#1	.48522	.49666	.53499	96.396	.00025	483.94	.51142
#2	.48850	.49960	.53903	96.889	-.00897	486.98	.51350
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00009	.06581	.94486	.04996	.05776	.05516	.04995
SDev	.00034	.01178	.00516	.00237	.00142	.00174	.00344
%RSD	369.81	17.893	.54572	4.7484	2.4614	3.1512	6.8844
#1	-.00033	.07414	.94122	.04828	.05676	.05393	.04751
#2	.00015	.05749	.94851	.05164	.05877	.05639	.05238
Errors	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value			1.0000			.05000	.05000
Range			.20000			.01000	.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.62679	.05258	.04863	.00086	.09506	.50182	.97070
SDev	.00793	.00081	.00475	.00002	.00414	.00255	.00511
%RSD	1.2660	1.5377	9.7749	2.2408	4.3513	.50764	.52671
#1	.62118	.05201	.04527	.00084	.09213	.50002	.96709
#2	.63240	.05315	.05199	.00087	.09798	.50363	.97432
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.60000				.10000	.50000	1.0000
Range	.12000				.02000	.10000	.20000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00044	.22083
SDev	.00197	.00014
%RSD	450.94	.06252
#1	-.00095	.22092
#2	.00183	.22073
Errors	NOCHECK	QC Pass
Value		.20000
Range		.04000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3594	--	--	--	--	--	--
SDev	5.568466	--	--	--	--	--	--
%RSD	.1549459	--	--	--	--	--	--
#1	3598	--	--	--	--	--	--
#2	3590	--	--	--	--	--	--

Analysis Report QC Standard 10/04/06 02:37:44 AM page 1

Method: TRACE2 Sample Name: CCV Operator: AK
Run Time: 10/04/06 02:32:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.389	.50060	.48845	.51882	.51121	25.336	.49491
SDev	.103	.00199	.00322	.00083	.00285	.093	.00290
%RSD	.40658	.39670	.65918	.15988	.55770	.36894	.58679
#1	25.316	.50201	.48617	.51823	.50920	25.270	.49286
#2	25.462	.49920	.49073	.51940	.51323	25.402	.49696
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49467	.49765	.51110	24.748	25.424	24.874	.50774
SDev	.00260	.00311	.00134	.164	.068	.120	.00314
%RSD	.52585	.62451	.26250	.66159	.26825	.48329	.61932
#1	.49283	.49546	.51015	24.633	25.376	24.789	.50552
#2	.49651	.49985	.51205	24.864	25.472	24.959	.50996
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51314	24.908	.50260	.50015	.50551	.50373	.51829
SDev	.00519	.267	.00353	.00074	.00673	.00474	.00160
%RSD	1.0120	1.0735	.70217	.14834	1.3319	.94060	.30908
#1	.50947	24.719	.50010	.49962	.50075	.50038	.51715
#2	.51682	25.097	.50509	.50067	.51028	.50708	.51942
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51322	.51299	.52095	.52888	.50740	.50160	.50479
SDev	.00388	.00626	.00072	.00157	.00748	.00251	.00332
%RSD	.75608	1.2194	.13912	.29688	1.4745	.49977	.65810
#1	.51048	.50856	.52146	.52777	.50211	.49982	.50244
#2	.51596	.51741	.52043	.52999	.51269	.50337	.50713
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50913	.49946
SDev	.00364	.00310
%RSD	.71483	.62150
#1	.50655	.49726
#2	.51170	.50165
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3833	--	--	--	--	--	--
SDev	4.985138	--	--	--	--	--	--
%RSD	.1300524	--	--	--	--	--	--
#1	3837	--	--	--	--	--	--
#2	3830	--	--	--	--	--	--

Analysis Report Blank Sample 10/04/06 02:42:38 AM page 1

Method: TRACE2 Sample Name: CCB Operator: AK
Run Time: 10/04/06 02:37:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03583	.00251	.00078	.00017	.00023	.02164	.00036
SDev	.00471	.00010	.00006	.00006	.00005	.00209	.00009
%RSD	13.141	3.8648	7.5295	36.737	19.790	9.6367	25.231
#1	.03916	.00258	.00082	.00022	.00027	.02312	.00043
#2	.03250	.00244	.00073	.00013	.00020	.02017	.00030
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00033	.00026	.00026	.01166	.01301	.04775	-.00020
SDev	.00007	.00018	.00001	.00645	.01413	.00201	.00006
%RSD	22.843	71.033	4.2827	55.328	108.58	4.2034	27.778
#1	.00027	.00038	.00027	.01623	.02300	.04917	-.00016
#2	.00038	.00013	.00025	.00710	.00302	.04633	-.00024
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00062	-.03677	.00019	.00052	.00197	.00149	-.00108
SDev	.00030	.07266	.00010	.00004	.00115	.00076	.00692
%RSD	48.020	197.63	52.489	7.3029	58.392	50.767	642.38
#1	.00083	.01461	.00026	.00049	.00278	.00202	.00381
#2	.00041	-.08815	.00012	.00055	.00116	.00095	-.00597
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00121	.00438	-.00380	.00022	.00315	.00026	.00034
SDev	.00359	.01085	.00495	.00023	.00014	.00006	.00013
%RSD	295.51	247.87	130.14	103.02	4.3811	23.567	38.361
#1	.00375	.01205	-.00030	.00039	.00325	.00022	.00044
#2	-.00132	-.00329	-.00730	.00006	.00305	.00031	.00025
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00029	.00035
SDev	.00025	.00001
%RSD	88.702	2.9388
#1	.00046	.00035
#2	.00011	.00036
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3837	--	--	--	--	--	--
SDev	9.917104	--	--	--	--	--	--
%RSD	.2584371	--	--	--	--	--	--
#1	3830	--	--	--	--	--	--
#2	3844	--	--	--	--	--	--

Analysis Report 10/04/06 02:47:31 AM page 1

Method: TRACE2 Sample Name: AD658105/CLPSL Operator: AK
Run Time: 10/04/06 02:42:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	73.164	1.2357	1.1728	3.0633	.89828	37.262	.71153
SDev	.288	.0032	.0040	.0062	.00373	.127	.00287
%RSD	.39317	.25985	.34143	.20209	.41519	.34051	.40310
#1	72.960	1.2334	1.1700	3.0589	.89565	37.172	.70951
#2	73.367	1.2379	1.1757	3.0677	.90092	37.352	.71356
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	115.00	1.5700	1.5600	3.7400	1.0500	46.800	.78400
Low	50.600	1.0600	.74000	2.6400	.74400	31.600	.54600

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.73060	.69795	.66306	105.15	32.906	24.241	4.4668
SDev	.00309	.00385	.00213	.47	.065	.103	.0189
%RSD	.42249	.55131	.32134	.44739	.19698	.42665	.42317
#1	.72841	.69523	.66155	104.81	32.861	24.168	4.4534
#2	.73278	.70067	.66457	105.48	32.952	24.314	4.4802
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.86400	.88100	.80000	200.00	43.800	31.800	5.3600
Low	.59800	.57800	.57000	67.200	25.300	20.400	3.7000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49742	5.2892	.55350	1.2991	1.2858	1.2902	1.6099
SDev	.00365	.1552	.00169	.0001	.0057	.0038	.0040
%RSD	.73374	2.9334	.30604	.00574	.44433	.29727	.24674
#1	.49484	5.3990	.55230	1.2990	1.2817	1.2875	1.6070
#2	.50000	5.1795	.55470	1.2992	1.2898	1.2929	1.6127
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.58500	7.9900	.65800			1.5400	1.9700
Low	.38900	3.7700	.45600			1.0600	1.2500

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1582	1.6105	1.6096	2.7961	1.4939	.78508	1.6832
SDev	.0006	.0100	.0109	.0033	.0083	.00366	.0077
%RSD	.05223	.61916	.67993	.11741	.55484	.46603	.45977
#1	1.1577	1.6175	1.6018	2.7938	1.4880	.78250	1.6778
#2	1.1586	1.6034	1.6173	2.7984	1.4998	.78767	1.6887
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	1.9000			4.6300	1.6300	1.0200	2.1400
Low	.00690			.69000	1.0300	.64000	1.4000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	1.8121	1.0677
SDev	.0122	.0037
%RSD	.67274	.35006
#1	1.8035	1.0651
#2	1.8207	1.0704
Errors	LC Pass	LC Pass
High	2.2500	1.3500
Low	1.2100	.66900

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4229	--	--	--	--	--	--
SDev	7.371450	--	--	--	--	--	--
%RSD	.1743108	--	--	--	--	--	--
#1	4224	--	--	--	--	--	--
#2	4234	--	--	--	--	--	--

Analysis Report 10/04/06 02:52:24 AM page 1

Method: TRACE2 Sample Name: AD658086 Operator: AK
Run Time: 10/04/06 02:47:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	58.498	.01711	.01679	.30853	.00246	13.672	.00081
SDev	.136	.00186	.00020	.00079	.00000	.057	.00012
%RSD	.23202	10.885	1.1723	.25734	.15471	.41741	14.354
#1	58.402	.01579	.01665	.30797	.00245	13.631	.00089
#2	58.594	.01842	.01693	.30909	.00246	13.712	.00073
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04135	.07530	.04634	83.824	5.7930	14.747	.90077
SDev	.00039	.00084	.00031	.160	.0074	.046	.00157
%RSD	.94920	1.1130	.66044	.19065	.12783	.31025	.17399
#1	.04108	.07471	.04656	83.711	5.7877	14.714	.89966
#2	.04163	.07590	.04612	83.937	5.7982	14.779	.90188
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00464	.30657	.07457	.05628	.05941	.05836	.00235
SDev	.00003	.11224	.00036	.00015	.00077	.00056	.00124
%RSD	.60557	36.613	.48698	.26915	1.2989	.96826	52.995
#1	.00466	.22720	.07431	.05617	.05886	.05796	.00323
#2	.00462	.38594	.07482	.05638	.05995	.05876	.00147
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00211	-.00233	.00468	.79728	.00347	.11192	.23717
SDev	.00277	.00532	.00079	.00145	.00277	.00084	.00085
%RSD	131.57	228.69	16.959	.18206	80.013	.74815	.35773
#1	.00407	.00144	.00412	.79625	.00543	.11133	.23657
#2	.00015	-.00609	.00525	.79830	.00150	.11251	.23777
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.03022	-.00014
SDev	.00014	.00037
%RSD	.45682	274.51
#1	.03032	.00013
#2	.03013	-.00040
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4035	--	--	--	--	--	--
SDev	6.735296	--	--	--	--	--	--
%RSD	.1669172	--	--	--	--	--	--
#1	4030	--	--	--	--	--	--
#2	4040	--	--	--	--	--	--

Analysis Report 10/04/06 02:57:17 AM page 1

Method: TRACE2 Sample Name: AD658086/L (1:5) Operator: AK
Run Time: 10/04/06 02:52:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.507	.00535	.00351	.06709	.00058	2.9078	.00022
SDev	.089	.00128	.00074	.00043	.00000	.0243	.00008
%RSD	.71521	23.903	21.019	.63534	.75865	.83474	35.687
#1	12.443	.00445	.00403	.06679	.00058	2.8906	.00027
#2	12.570	.00626	.00299	.06739	.00058	2.9249	.00016
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00899	.01617	.00969	17.716	1.2295	3.1516	.18958
SDev	.00004	.00017	.00047	.100	.0080	.0180	.00111
%RSD	.42562	1.0700	4.8397	.56669	.65431	.57114	.58427
#1	.00901	.01629	.01003	17.645	1.2352	3.1388	.18880
#2	.00896	.01604	.00936	17.787	1.2238	3.1643	.19036
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00082	.11209	.01594	.01113	.01344	.01267	.00012
SDev	.00009	.09108	.00032	.00158	.00121	.00028	.00031
%RSD	11.177	81.258	1.9898	14.168	9.0111	2.2296	252.22
#1	.00088	.04769	.01617	.01002	.01430	.01287	-.00010
#2	.00075	.17650	.01572	.01225	.01258	.01247	.00034
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00091	.00043	-.00003	.19435	-.00041	.02414	.05079
SDev	.00016	.00257	.00082	.00420	.00047	.00027	.00011
%RSD	17.862	596.66	2721.3	2.1589	116.77	1.1105	.20876
#1	.00079	-.00139	.00055	.19138	-.00007	.02433	.05072
#2	.00102	.00225	-.00061	.19731	-.00074	.02395	.05087
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00567	.00013
SDev	.00033	.00011
%RSD	5.7903	80.813
#1	.00590	.00006
#2	.00544	.00021
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3898	--	--	--	--	--	--
SDev	7.848782	--	--	--	--	--	--
%RSD	.2013476	--	--	--	--	--	--
#1	3904	--	--	--	--	--	--
#2	3893	--	--	--	--	--	--

Analysis Report 10/04/06 03:02:11 AM page 1

Method: TRACE2 Sample Name: AD658086/PS Operator: AK
Run Time: 10/04/06 02:57:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	76.684	.41777	.38812	.71958	.39702	32.391	.39028
SDev	.022	.00245	.00023	.00088	.00030	.034	.00047
%RSD	.02860	.58607	.05900	.12275	.07646	.10374	.12086
#1	76.699	.41951	.38796	.71896	.39681	32.367	.38995
#2	76.668	.41604	.38828	.72021	.39724	32.415	.39062
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.42265	.46171	.44926	99.006	25.317	33.946	1.2489
SDev	.00005	.00036	.00012	.033	.010	.015	.0004
%RSD	.01288	.07804	.02655	.03322	.03789	.04435	.02833
#1	.42262	.46145	.44934	98.983	25.310	33.936	1.2486
#2	.42269	.46196	.44917	99.029	25.324	33.957	1.2491
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40206	19.603	.46880	.44313	.45089	.44831	.40171
SDev	.00092	.227	.00031	.00041	.00016	.00003	.00077
%RSD	.22961	1.1583	.06626	.09241	.03589	.00634	.19081
#1	.40140	19.764	.46902	.44284	.45101	.44829	.40225
#2	.40271	19.443	.46858	.44342	.45078	.44833	.40116
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40014	.39473	.40520	1.2011	.39105	.50225	.61374
SDev	.00220	.00137	.00046	.0018	.00003	.00056	.00052
%RSD	.55045	.34818	.11417	.14672	.00696	.11208	.08451
#1	.39859	.39570	.40553	1.1998	.39103	.50185	.61338
#2	.40170	.39376	.40487	1.2023	.39107	.50265	.61411
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.41691	.09725
SDev	.00060	.00017
%RSD	.14339	.17315
#1	.41649	.09713
#2	.41734	.09737
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3985	--	--	--	--	--	--
SDev	4.772971	--	--	--	--	--	--
%RSD	.1197742	--	--	--	--	--	--
#1	3982	--	--	--	--	--	--
#2	3988	--	--	--	--	--	--

Analysis Report 10/04/06 03:07:05 AM page 1

Method: TRACE2 Sample Name: AD658087 Operator: AK
Run Time: 10/04/06 03:02:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	74.026	.05261	.04089	.59801	.00379	H417.28	.00131
SDev	.079	.00069	.00027	.00075	.00001	.28	.00006
%RSD	.10635	1.3117	.65589	.12452	.25134	.06798	4.4201
#1	73.970	.05310	.04108	.59854	.00378	H417.08	.00127
#2	74.082	.05212	.04070	.59748	.00380	H417.48	.00135
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09256	.10956	.21455	154.41	12.823	126.50	7.4113
SDev	.00037	.00036	.00026	.48	.006	.25	.0263
%RSD	.39491	.32885	.11977	.30813	.04500	.19826	.35426
#1	.09230	.10931	.21436	154.08	12.819	126.33	7.3927
#2	.09282	.10982	.21473	154.75	12.827	126.68	7.4298
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00661	.89598	.20660	.06987	.07629	.07416	-.00227
SDev	.00023	.02627	.00016	.00164	.00239	.00105	.00092
%RSD	3.5478	2.9314	.07941	2.3542	3.1399	1.4159	40.451
#1	.00677	.87741	.20672	.07104	.07460	.07341	-.00293
#2	.00644	.91455	.20649	.06871	.07799	.07490	-.00162
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00494	-.00155	-.00263	1.6938	-.00396	.15437	.46524
SDev	.00020	.00009	.00143	.0002	.00129	.00003	.00091
%RSD	3.9722	5.8410	54.111	.01335	32.646	.02001	.19609
#1	.00508	-.00149	-.00364	1.6936	-.00488	.15435	.46459
#2	.00480	-.00162	-.00163	1.6940	-.00305	.15439	.46588
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.02791	-.00063
SDev	.00044	.00022
%RSD	1.5601	35.163
#1	.02822	-.00048
#2	.02761	-.00079
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4069	--	--	--	--	--	--
SDev	5.091134	--	--	--	--	--	--
%RSD	.1251254	--	--	--	--	--	--
#1	4065	--	--	--	--	--	--
#2	4072	--	--	--	--	--	--

Analysis Report 10/04/06 03:11:59 AM page 1

Method: TRACE2 Sample Name: AD658088 Operator: AK
Run Time: 10/04/06 03:07:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	81.018	.04520	.04327	.52019	.00400	173.50	.00164
SDev	.013	.00159	.00016	.00085	.00001	.28	.00016
%RSD	.01577	3.5219	.37416	.16322	.31188	.16381	9.7800
#1	81.009	.04633	.04316	.52079	.00399	173.30	.00152
#2	81.027	.04408	.04339	.51959	.00401	173.70	.00175
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06176	.11445	.16738	170.47	12.794	70.656	2.0318
SDev	.00009	.00034	.00049	.52	.010	.206	.0056
%RSD	.14706	.29611	.29317	.30485	.08002	.29117	.27778
#1	.06170	.11421	.16703	170.11	12.801	70.511	2.0278
#2	.06183	.11469	.16773	170.84	12.786	70.802	2.0358
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00380	.80317	.16315	.31813	.31842	.31832	.00288
SDev	.00052	.10983	.00030	.00085	.00092	.00090	.00047
%RSD	13.715	13.675	.18604	.26768	.29006	.28261	16.446
#1	.00343	.72551	.16293	.31753	.31777	.31769	.00255
#2	.00417	.88083	.16336	.31873	.31907	.31896	.00322
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00049	.00014	.00425	1.8270	-.00376	.16477	.47070
SDev	.00058	.00177	.00017	.0004	.00370	.00023	.00108
%RSD	118.00	1234.9	4.1066	.02069	98.366	.13812	.22840
#1	.00008	-.00111	.00438	1.8268	-.00638	.16461	.46994
#2	.00090	.00140	.00413	1.8273	-.00115	.16494	.47146
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.03582	-.00029
SDev	.00004	.00015
%RSD	.12169	54.119
#1	.03585	-.00039
#2	.03579	-.00018
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4118	--	--	--	--	--	--
SDev	2.916815	--	--	--	--	--	--
%RSD	.0708363	--	--	--	--	--	--
#1	4120	--	--	--	--	--	--
#2	4116	--	--	--	--	--	--

Analysis Report 10/04/06 03:16:53 AM page 1

Method: TRACE2 Sample Name: AD658089 Operator: AK
Run Time: 10/04/06 03:12:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	121.77	.04990	.05706	.86385	.00582	319.53	.00261
SDev	.06	.00011	.00057	.00210	.00002	.63	.00010
%RSD	.04717	.22418	.99297	.24326	.27917	.19631	3.8087
#1	121.81	.04982	.05666	.86534	.00581	319.08	.00253
#2	121.73	.04998	.05746	.86237	.00583	319.97	.00268
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09137	.18951	.22822	209.34	19.798	120.61	3.6420
SDev	.00016	.00038	.00001	.54	.024	.40	.0088
%RSD	.17844	.20281	.00362	.25681	.12288	.33329	.24148
#1	.09125	.18924	.22822	208.96	19.816	120.33	3.6358
#2	.09148	.18979	.22821	209.72	19.781	120.90	3.6482
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00985	.99785	.24799	.10071	.10461	.10331	.00070
SDev	.00023	.17180	.00084	.00317	.00336	.00119	.00170
%RSD	2.3018	17.217	.34032	3.1474	3.2133	1.1485	243.06
#1	.01001	1.1193	.24739	.10295	.10223	.10247	.00190
#2	.00969	.87637	.24858	.09847	.10699	.10415	-.00050
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00190	-.00578	.00394	2.4527	.00018	.22832	.55109
SDev	.00035	.00085	.00297	.0021	.00056	.00063	.00179
%RSD	18.324	14.703	75.370	.08451	307.77	.27520	.32432
#1	.00166	-.00639	.00604	2.4542	-.00021	.22787	.54983
#2	.00215	-.00518	.00184	2.4513	.00057	.22876	.55235
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.03124	-.00044
SDev	.00031	.00026
%RSD	.99757	59.645
#1	.03146	-.00025
#2	.03102	-.00062
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4172	--	--	--	--	--	--
SDev	3.023158	--	--	--	--	--	--
%RSD	.0724606	--	--	--	--	--	--
#1	4174	--	--	--	--	--	--
#2	4170	--	--	--	--	--	--

Analysis Report 10/04/06 03:21:48 AM page 1

Method: TRACE2 Sample Name: AD658090 Operator: AK
Run Time: 10/04/06 03:16:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	86.408	.04460	.03424	.46142	.00412	242.57	.00248
SDev	.298	.00077	.00105	.00142	.00002	.85	.00002
%RSD	.34438	1.7290	3.0817	.30822	.48371	.34877	.69739
#1	86.198	.04515	.03349	.46042	.00410	241.97	.00247
#2	86.619	.04406	.03498	.46243	.00413	243.17	.00249
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06835	.15472	.13738	173.45	9.6752	85.100	3.4484
SDev	.00019	.00030	.00084	.40	.0068	.277	.0066
%RSD	.28169	.19073	.61373	.22878	.06997	.32532	.19174
#1	.06849	.15451	.13679	173.17	9.6800	84.904	3.4438
#2	.06822	.15493	.13798	173.73	9.6704	85.296	3.4531
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01582	.68161	.16728	.19426	.19362	.19384	.00255
SDev	.00035	.03902	.00052	.00045	.00060	.00055	.00042
%RSD	2.2216	5.7249	.31241	.23107	.30774	.28216	16.429
#1	.01607	.65402	.16691	.19458	.19405	.19422	.00225
#2	.01557	.70920	.16765	.19394	.19320	.19345	.00285
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00042	-.00224	.00494	1.0870	-.00361	.16410	.54700
SDev	.00040	.00296	.00085	.0023	.00598	.00021	.00171
%RSD	96.674	132.25	17.224	.20931	165.88	.12553	.31180
#1	.00013	-.00433	.00555	1.0854	-.00783	.16395	.54580
#2	.00070	-.00015	.00434	1.0886	.00062	.16424	.54821
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.03368	.00026
SDev	.00188	.00019
%RSD	5.5707	73.416
#1	.03501	.00040
#2	.03235	.00013
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4035	--	--	--	--	--	--
SDev	12.25059	--	--	--	--	--	--
%RSD	.3035941	--	--	--	--	--	--
#1	4027	--	--	--	--	--	--
#2	4044	--	--	--	--	--	--

Analysis Report 10/04/06 03:26:43 AM page 1

Method: TRACE2 Sample Name: AD658091 Operator: AK
Run Time: 10/04/06 03:21:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	75.126	.03083	.04422	.55166	.00379	H457.54	.00096
SDev	.124	.00100	.00127	.00229	.00001	2.71	.00002
%RSD	.16492	3.2585	2.8773	.41582	.37315	.59282	2.3331
#1	75.038	.03154	.04332	.55004	.00378	H455.62	.00098
#2	75.213	.03012	.04512	.55328	.00380	H459.45	.00094
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05882	.14529	.17375	141.60	13.574	132.48	3.5800
SDev	.00040	.00039	.00017	.12	.022	.43	.0032
%RSD	.67078	.26845	.10053	.08750	.15872	.32081	.09015
#1	.05854	.14501	.17363	141.52	13.589	132.18	3.5777
#2	.05910	.14556	.17388	141.69	13.559	132.78	3.5823
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01406	1.0535	.15068	.06189	.06294	.06259	-.00121
SDev	.00006	.0472	.00033	.00200	.00095	.00003	.00048
%RSD	.41474	4.4826	.21618	3.2404	1.5102	.05398	39.133
#1	.01410	1.0869	.15091	.06330	.06227	.06261	-.00088
#2	.01402	1.0201	.15045	.06047	.06361	.06257	-.00155
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00168	-.00181	-.00092	1.8697	-.00297	.15326	.50597
SDev	.00085	.00409	.00133	.0078	.00018	.00088	.00134
%RSD	50.588	225.94	145.14	.41497	6.0664	.57262	.26481
#1	.00108	.00108	-.00186	1.8643	-.00284	.15264	.50502
#2	.00228	-.00470	.00002	1.8752	-.00310	.15388	.50692
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.03581	-.00030
SDev	.00052	.00034
%RSD	1.4552	111.67
#1	.03618	-.00006
#2	.03544	-.00054
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4026	--	--	--	--	--	--
SDev	.7954952	--	--	--	--	--	--
%RSD	.0197566	--	--	--	--	--	--
#1	4027	--	--	--	--	--	--
#2	4026	--	--	--	--	--	--

Analysis Report 10/04/06 03:31:38 AM page 1

Method: TRACE2 Sample Name: AD658092 Operator: AK
Run Time: 10/04/06 03:26:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	35.087	.07816	.02771	.63183	.00257	219.30	.00199
SDev	.063	.00016	.00008	.00066	.00002	.48	.00005
%RSD	.17933	.20524	.29061	.10489	.58014	.21770	2.6273
#1	35.131	.07827	.02777	.63230	.00258	219.64	.00195
#2	35.042	.07804	.02766	.63136	.00256	218.97	.00203
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04336	.06060	.17900	128.83	5.8907	45.831	1.8917
SDev	.00010	.00051	.00079	.14	.0194	.083	.0025
%RSD	.22736	.84791	.44237	.10941	.32890	.18105	.12958
#1	.04329	.06096	.17956	128.93	5.9044	45.890	1.8935
#2	.04343	.06024	.17844	128.73	5.8770	45.772	1.8900
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01243	.54898	.12070	.74508	.75507	.75174	.00239
SDev	.00022	.04907	.00028	.00838	.00204	.00415	.00186
%RSD	1.7561	8.9381	.23019	1.1244	.26973	.55180	77.786
#1	.01258	.58367	.12089	.75100	.75651	.75468	.00108
#2	.01228	.51428	.12050	.73915	.75363	.74881	.00371
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00534	.00015	.00352	.95192	-.00208	.09207	.42479
SDev	.00259	.00171	.00365	.00303	.00035	.00012	.00158
%RSD	48.478	1172.5	103.73	.31841	16.640	.12886	.37104
#1	.00718	.00136	.00094	.94977	-.00183	.09198	.42590
#2	.00351	-.00106	.00609	.95406	-.00232	.09215	.42368
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.04231	-.00004
SDev	.00122	.00014
%RSD	2.8803	312.97
#1	.04317	-.00014
#2	.04145	.00005
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3928	--	--	--	--	--	--
SDev	18.24339	--	--	--	--	--	--
%RSD	.4644477	--	--	--	--	--	--
#1	3915	--	--	--	--	--	--
#2	3941	--	--	--	--	--	--

Analysis Report QC Standard 10/04/06 03:37:58 AM page 1

Method: TRACE2 Sample Name: CCV Operator: AK
Run Time: 10/04/06 03:33:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.367	.49750	.48745	.51622	.50990	25.278	.49437
SDev	.084	.00459	.00300	.00035	.00179	.071	.00212
%RSD	.33071	.92271	.61617	.06828	.35139	.27982	.42922
#1	25.308	.49425	.48533	.51597	.50863	25.228	.49287
#2	25.427	.50074	.48957	.51647	.51117	25.328	.49587
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49383	.49729	.51033	24.804	25.429	24.855	.50854
SDev	.00149	.00217	.00209	.154	.070	.075	.00243
%RSD	.30148	.43719	.40884	.62096	.27648	.30242	.47868
#1	.49277	.49575	.50886	24.695	25.380	24.802	.50682
#2	.49488	.49882	.51181	24.913	25.479	24.908	.51026
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51185	24.696	.50157	.49750	.50236	.50075	.51035
SDev	.00363	.010	.00165	.00096	.00458	.00273	.00287
%RSD	.70813	.03958	.32871	.19341	.91060	.54534	.56192
#1	.50929	24.689	.50040	.49818	.49913	.49881	.50832
#2	.51441	24.703	.50273	.49682	.50560	.50268	.51238
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51280	.50293	.51407	.52438	.51210	.49996	.50197
SDev	.00234	.00143	.00359	.00138	.00571	.00147	.00128
%RSD	.45728	.28390	.69792	.26252	1.1150	.29340	.25591
#1	.51115	.50192	.51153	.52341	.50806	.49892	.50106
#2	.51446	.50394	.51660	.52536	.51614	.50099	.50288
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.51058	.50055
SDev	.00201	.00160
%RSD	.39428	.32046
#1	.50916	.49942
#2	.51201	.50169
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3832	--	--	--	--	--	--
SDev	9.280777	--	--	--	--	--	--
%RSD	.2421764	--	--	--	--	--	--
#1	3839	--	--	--	--	--	--
#2	3826	--	--	--	--	--	--

Analysis Report Blank Sample 10/04/06 03:42:53 AM page 1

Method: TRACE2 Sample Name: CCB Operator: AK
Run Time: 10/04/06 03:38:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00711	.00048	.00001	.00007	.00001	.05550	.00009
SDev	.00790	.00021	.00056	.00007	.00002	.01740	.00012
%RSD	111.21	45.237	5430.8	95.419	135.48	31.353	137.44
#1	.01270	.00063	.00041	.00012	.00000	.06780	.00000
#2	.00152	.00032	-.00038	.00002	.00003	.04319	.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	.00008	.00006	.02671	-.00364	.02533	.00056
SDev	.00020	.00028	.00005	.00737	.00667	.00535	.00018
%RSD	182.88	338.04	81.396	27.579	183.26	21.117	31.324
#1	-.00025	.00028	.00002	.03192	.00108	.02912	.00069
#2	.00003	-.00011	.00009	.02150	-.00835	.02155	.00044
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	-.16191	-.00051	-.00052	.00181	.00104	-.00048
SDev	.00053	.09892	.00011	.00013	.00020	.00009	.00060
%RSD	984.77	61.097	20.930	25.167	10.982	8.5969	124.31
#1	.00043	-.09196	-.00043	-.00062	.00196	.00110	-.00006
#2	-.00032	-.23186	-.00058	-.00043	.00167	.00097	-.00090
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	.00043	-.00093	.00030	-.00047	-.00010	.00002
SDev	.00145	.00216	.00197	.00031	.00210	.00045	.00006
%RSD	10513.	501.94	211.28	102.40	451.86	457.16	269.06
#1	.00101	-.00110	.00046	.00052	.00102	.00022	-.00002
#2	-.00104	.00196	-.00233	.00008	-.00195	-.00041	.00007
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00023	-.00051
SDev	.00186	.00024
%RSD	823.40	46.518
#1	.00109	-.00068
#2	-.00154	-.00034
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3832	--	--	--	--	--	--
SDev	4.189642	--	--	--	--	--	--
%RSD	.1093327	--	--	--	--	--	--
#1	3835	--	--	--	--	--	--
#2	3829	--	--	--	--	--	--

Analysis Report 10/04/06 03:47:45 AM page 1

Method: TRACE2 Sample Name: AD658093 Operator: AK
Run Time: 10/04/06 03:42:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	117.70	.04450	.04181	.73497	.00514	53.420	.00130
SDev	.14	.00033	.00031	.00072	.00002	.008	.00003
%RSD	.12043	.74664	.75135	.09788	.44523	.01445	2.1424
#1	117.80	.04427	.04159	.73446	.00512	53.426	.00128
#2	117.60	.04474	.04204	.73548	.00515	53.415	.00132
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05874	.18993	.17584	190.18	14.834	53.382	2.2622
SDev	.00017	.00058	.00017	.44	.043	.047	.0052
%RSD	.28820	.30704	.09655	.23394	.29323	.08811	.23056
#1	.05886	.19034	.17596	190.50	14.865	53.415	2.2659
#2	.05863	.18952	.17572	189.87	14.804	53.348	2.2585
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00512	.80288	.20267	.06949	.07121	.07064	.00179
SDev	.00037	.04621	.00050	.00021	.00007	.00002	.00028
%RSD	7.1906	5.7562	.24640	.30482	.09841	.03368	15.696
#1	.00486	.77020	.20303	.06934	.07126	.07062	.00199
#2	.00539	.83556	.20232	.06964	.07116	.07065	.00159
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00165	-.00090	.00313	1.8036	-.00128	.19993	.60520
SDev	.00062	.00290	.00187	.0016	.00201	.00008	.00147
%RSD	37.608	320.88	59.676	.08725	156.13	.04149	.24312
#1	.00209	-.00295	.00446	1.8025	.00013	.19987	.60624
#2	.00121	.00115	.00181	1.8047	-.00270	.19999	.60416
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.03145	-.00016
SDev	.00057	.00014
%RSD	1.8249	88.599
#1	.03186	-.00006
#2	.03105	-.00027
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4404	--	--	--	--	--	--
SDev	21.10721	--	--	--	--	--	--
%RSD	.4792572	--	--	--	--	--	--
#1	4389	--	--	--	--	--	--
#2	4419	--	--	--	--	--	--

Analysis Report 10/04/06 03:52:38 AM page 1

Method: TRACE2 Sample Name: AD658094 Operator: AK
Run Time: 10/04/06 03:47:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	14.916	.06430	.00829	.52720	.00295	22.384	.03744
SDev	.035	.00061	.00047	.00259	.00000	.076	.00006
%RSD	.23568	.94905	5.7214	.49177	.10575	.33917	.16945
#1	14.891	.06474	.00795	.52536	.00295	22.330	.03740
#2	14.941	.06387	.00862	.52903	.00296	22.438	.03749
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00974	.13608	.11386	85.199	1.0084	3.5578	1.2744
SDev	.00002	.00008	.00013	.053	.0160	.0099	.0006
%RSD	.20295	.05632	.11073	.06171	1.5892	.27784	.04620
#1	.00973	.13602	.11395	85.162	1.0197	3.5508	1.2740
#2	.00976	.13613	.11377	85.236	.99706	3.5648	1.2748
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.81815	.13373	.03485	.22092	.22540	.22391	.00632
SDev	.00115	.03965	.00046	.00291	.00354	.00140	.00035
%RSD	.14120	29.652	1.3165	1.3157	1.5728	.62373	5.5121
#1	.81734	.16176	.03452	.22298	.22289	.22292	.00656
#2	.81897	.10569	.03517	.21887	.22790	.22489	.00607
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00591	.00851	.00522	1.0841	.08206	.44875	.42341
SDev	.00164	.00112	.00004	.0064	.00034	.00168	.00078
%RSD	27.763	13.161	.71720	.58680	.41572	.37463	.18455
#1	.00475	.00930	.00520	1.0796	.08182	.44756	.42286
#2	.00707	.00772	.00525	1.0886	.08230	.44993	.42396
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.03685	-.00048
SDev	.00010	.00002
%RSD	.28109	4.6211
#1	.03692	-.00049
#2	.03678	-.00046
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4281	--	--	--	--	--	--
SDev	13.36425	--	--	--	--	--	--
%RSD	.3121595	--	--	--	--	--	--
#1	4272	--	--	--	--	--	--
#2	4291	--	--	--	--	--	--

Analysis Report 10/04/06 03:57:31 AM page 1

Method: TRACE2 Sample Name: AD658095 Operator: AK
Run Time: 10/04/06 03:52:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.797	.06431	.00482	.53988	.00415	22.079	.04228
SDev	.007	.00158	.00017	.00140	.00001	.051	.00003
%RSD	.03875	2.4636	3.4667	.25976	.20300	.23144	.07104
#1	16.801	.06319	.00493	.54087	.00416	22.115	.04231
#2	16.792	.06543	.00470	.53889	.00415	22.043	.04226
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00910	.15142	.11417	101.52	1.0460	3.4810	1.0718
SDev	.00019	.00034	.00009	.06	.0091	.0048	.0012
%RSD	2.0847	.22178	.08252	.05546	.87394	.13698	.11042
#1	.00923	.15119	.11424	101.56	1.0525	3.4844	1.0727
#2	.00896	.15166	.11411	101.48	1.0396	3.4776	1.0710
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3885	.02360	.03922	.24280	.24666	.24538	.00785
SDev	.0016	.02435	.00001	.00165	.00033	.00033	.00145
%RSD	.11178	103.17	.03139	.67802	.13254	.13455	18.542
#1	1.3874	.00638	.03923	.24397	.24643	.24561	.00682
#2	1.3896	.04081	.03921	.24164	.24689	.24514	.00888
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00620	.00330	.01012	1.1962	.07589	.62435	.43890
SDev	.00050	.00098	.00169	.0028	.00050	.00041	.00090
%RSD	8.0355	29.682	16.728	.23251	.66377	.06609	.20472
#1	.00655	.00260	.00892	1.1982	.07625	.62464	.43954
#2	.00585	.00399	.01132	1.1943	.07554	.62405	.43827
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.03537	-.00083
SDev	.00106	.00029
%RSD	2.9888	35.152
#1	.03612	-.00062
#2	.03462	-.00103
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4364	--	--	--	--	--	--
SDev	9.545941	--	--	--	--	--	--
%RSD	.2187304	--	--	--	--	--	--
#1	4358	--	--	--	--	--	--
#2	4371	--	--	--	--	--	--

Analysis Report 10/04/06 04:02:24 AM page 1

Method: TRACE2 Sample Name: AD658096 Operator: AK
Run Time: 10/04/06 03:57:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	17.121	.01200	-.00068	.11664	.00119	4.2709	.00266
SDev	.035	.00038	.00103	.00023	.00001	.0114	.00018
%RSD	.20428	3.1565	151.94	.19570	.38390	.26739	6.9410
#1	17.096	.01173	.00005	.11680	.00119	4.2628	.00253
#2	17.146	.01227	-.00141	.11648	.00119	4.2790	.00279
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00239	.04781	.02326	19.708	1.0974	1.2403	.32824
SDev	.00014	.00032	.00063	.074	.0111	.0016	.00205
%RSD	5.7847	.66676	2.6993	.37638	1.0070	.12801	.62520
#1	.00229	.04758	.02282	19.655	1.1052	1.2391	.32678
#2	.00249	.04803	.02371	19.760	1.0896	1.2414	.32969
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00503	.04618	.01338	.06444	.06741	.06642	.00225
SDev	.00058	.01944	.00016	.00317	.00052	.00071	.00017
%RSD	11.453	42.096	1.2081	4.9268	.77797	1.0652	7.5905
#1	.00544	.03243	.01350	.06220	.06778	.06592	.00213
#2	.00462	.05992	.01327	.06669	.06704	.06692	.00237
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00165	-.00066	.00370	.67011	-.00232	.07471	.21735
SDev	.00174	.00425	.00238	.00375	.00216	.00012	.00050
%RSD	105.42	641.52	64.254	.55974	92.901	.15418	.23178
#1	.00042	.00234	.00202	.66746	-.00385	.07479	.21699
#2	.00289	-.00367	.00539	.67276	-.00080	.07463	.21771
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.02562	-.00009
SDev	.00080	.00001
%RSD	3.1273	12.622
#1	.02505	-.00008
#2	.02618	-.00010
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4028	--	--	--	--	--	--
SDev	7.000288	--	--	--	--	--	--
%RSD	.1738090	--	--	--	--	--	--
#1	4033	--	--	--	--	--	--
#2	4023	--	--	--	--	--	--

Analysis Report 10/04/06 04:07:17 AM page 1

Method: TRACE2 Sample Name: AD658096/L (1:5) Operator: AK
Run Time: 10/04/06 04:02:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.4413	.00266	-.00038	.02313	.00016	.83732	.00050
SDev	.0298	.00250	.00111	.00011	.00004	.00836	.00009
%RSD	.86579	94.027	295.66	.47440	22.628	.99889	17.022
#1	3.4203	.00089	-.00116	.02305	.00014	.83141	.00044
#2	3.4624	.00442	.00041	.02321	.00019	.84323	.00056
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00011	.00961	.00481	4.0178	.20437	.24963	.06641
SDev	.00067	.00041	.00077	.0463	.00257	.00051	.00063
%RSD	632.77	4.2710	16.008	1.1521	1.2563	.20337	.94803
#1	-.00037	.00932	.00427	3.9851	.20619	.24927	.06597
#2	.00058	.00990	.00535	4.0505	.20256	.24999	.06686
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	-.05646	.00261	.01466	.01384	.01411	.00058
SDev	.00037	.03316	.00001	.00117	.00119	.00040	.00087
%RSD	4019.2	58.739	.23673	7.9710	8.6042	2.8706	149.46
#1	.00025	-.03301	.00261	.01549	.01300	.01383	-.00003
#2	-.00027	-.07991	.00261	.01383	.01468	.01440	.00120
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00054	.00246	-.00036	.13765	-.00118	.01494	.04401
SDev	.00225	.00460	.00360	.00025	.00258	.00018	.00053
%RSD	417.80	186.67	1001.0	.18362	218.07	1.1980	1.2026
#1	-.00213	.00572	-.00291	.13748	-.00301	.01482	.04363
#2	.00105	-.00079	.00219	.13783	.00064	.01507	.04438
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00430	.00002
SDev	.00050	.00005
%RSD	11.577	194.95
#1	.00395	.00005
#2	.00465	-.00001
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3902	--	--	--	--	--	--
SDev	29.59249	--	--	--	--	--	--
%RSD	.7583734	--	--	--	--	--	--
#1	3923	--	--	--	--	--	--
#2	3881	--	--	--	--	--	--

Analysis Report 10/04/06 04:12:11 AM page 1

Method: TRACE2 Sample Name: AD658096/PS Operator: AK
Run Time: 10/04/06 04:07:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	36.053	.41029	.38151	.51553	.40283	23.120	.40199
SDev	.075	.00044	.00096	.00189	.00137	.092	.00157
%RSD	.20933	.10676	.25143	.36635	.34117	.39595	.39081
#1	36.000	.40998	.38083	.51419	.40186	23.055	.40088
#2	36.107	.41060	.38219	.51686	.40380	23.185	.40310
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.39594	.44775	.43573	39.108	21.236	21.129	.71982
SDev	.00130	.00137	.00193	.095	.025	.070	.00169
%RSD	.32936	.30610	.44200	.24207	.11948	.32944	.23531
#1	.39502	.44678	.43437	39.041	21.218	21.080	.71862
#2	.39687	.44872	.43709	39.175	21.254	21.178	.72102
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40994	19.373	.41392	.46024	.45683	.45796	.40872
SDev	.00254	.065	.00115	.00012	.00386	.00254	.00386
%RSD	.62004	.33421	.27855	.02557	.84543	.55395	.94469
#1	.40814	19.327	.41311	.46032	.45410	.45617	.40599
#2	.41174	19.419	.41474	.46016	.45956	.45976	.41145
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40198	.40981	.40818	1.0427	.40158	.47072	.60135
SDev	.00595	.00047	.00603	.0054	.00466	.00085	.00198
%RSD	1.4799	.11541	1.4768	.52000	1.1591	.17974	.32848
#1	.39778	.41014	.40392	1.0389	.39829	.47012	.59996
#2	.40619	.40947	.41245	1.0466	.40488	.47132	.60275
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.42148	.09989
SDev	.00164	.00023
%RSD	.38924	.23494
#1	.42032	.09972
#2	.42264	.10006
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4023	--	--	--	--	--	--
SDev	4.189642	--	--	--	--	--	--
%RSD	.1041471	--	--	--	--	--	--
#1	4020	--	--	--	--	--	--
#2	4026	--	--	--	--	--	--

Analysis Report 10/04/06 04:17:05 AM page 1

Method: TRACE2 Sample Name: AD658097/MS Operator: AK
Run Time: 10/04/06 04:12:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	33.368	.39951	.37844	.49310	.40295	22.163	.39409
SDev	.096	.00055	.00021	.00182	.00087	.080	.00071
%RSD	.28770	.13696	.05513	.36934	.21625	.36043	.18113
#1	33.300	.39913	.37859	.49182	.40234	22.106	.39359
#2	33.436	.39990	.37829	.49439	.40357	22.219	.39460
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.39244	.43970	.43078	35.034	20.603	20.324	.65649
SDev	.00049	.00069	.00097	.018	.025	.051	.00046
%RSD	.12498	.15730	.22628	.05216	.11950	.25289	.07032
#1	.39209	.43921	.43009	35.021	20.585	20.288	.65617
#2	.39279	.44018	.43147	35.047	20.620	20.361	.65682
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41394	19.497	.42053	.47903	.47785	.47825	.40101
SDev	.00258	.067	.00090	.00036	.00346	.00219	.00024
%RSD	.62425	.34359	.21420	.07413	.72349	.45745	.05917
#1	.41211	19.449	.41989	.47928	.47541	.47670	.40118
#2	.41576	19.544	.42117	.47878	.48030	.47979	.40084
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.39080	.39698	.40303	.90512	.39505	.49873	.54779
SDev	.00007	.00463	.00267	.00456	.00042	.00082	.00140
%RSD	.01760	1.1652	.66216	.50414	.10693	.16405	.25543
#1	.39075	.39371	.40492	.90189	.39475	.49816	.54680
#2	.39085	.40025	.40115	.90835	.39535	.49931	.54878
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.42962	.10112
SDev	.00074	.00050
%RSD	.17278	.49402
#1	.42909	.10147
#2	.43014	.10077
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3936	--	--	--	--	--	--
SDev	12.67475	--	--	--	--	--	--
%RSD	.3220549	--	--	--	--	--	--
#1	3927	--	--	--	--	--	--
#2	3945	--	--	--	--	--	--

Analysis Report 10/04/06 04:21:59 AM page 1

Method: TRACE2 Sample Name: AD658098/SD Operator: AK
Run Time: 10/04/06 04:17:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	33.870	.39841	.37418	.50184	.39558	21.963	.38667
SDev	.002	.00072	.00056	.00067	.00065	.059	.00008
%RSD	.00599	.18193	.15003	.13394	.16442	.27003	.02029
#1	33.871	.39892	.37378	.50137	.39512	21.921	.38672
#2	33.868	.39790	.37458	.50232	.39604	22.004	.38661
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38362	.43308	.43628	35.444	20.799	20.099	.62955
SDev	.00028	.00051	.00011	.006	.023	.024	.00004
%RSD	.07223	.11870	.02593	.01813	.10897	.11884	.00641
#1	.38381	.43271	.43636	35.439	20.815	20.082	.62952
#2	.38342	.43344	.43620	35.448	20.783	20.116	.62958
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40591	19.546	.41582	.54821	.55100	.55007	.39977
SDev	.00149	.267	.00033	.00445	.00247	.00313	.00298
%RSD	.36664	1.3659	.08006	.81131	.44730	.56811	.74450
#1	.40486	19.357	.41559	.54507	.54925	.54786	.39767
#2	.40696	19.734	.41606	.55136	.55274	.55228	.40188
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38353	.39719	.40107	.92478	.39024	.49590	.53316
SDev	.00227	.00123	.00385	.00311	.00263	.00105	.00092
%RSD	.59130	.30997	.95967	.33658	.67399	.21223	.17331
#1	.38514	.39632	.39834	.92258	.38838	.49516	.53251
#2	.38193	.39806	.40379	.92698	.39210	.49665	.53382
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.41499	.09889
SDev	.00276	.00019
%RSD	.66565	.18954
#1	.41304	.09876
#2	.41695	.09903
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3953	--	--	--	--	--	--
SDev	15.27358	--	--	--	--	--	--
%RSD	.3863476	--	--	--	--	--	--
#1	3964	--	--	--	--	--	--
#2	3943	--	--	--	--	--	--

Analysis Report 10/04/06 04:26:53 AM page 1

Method: TRACE2 Sample Name: AD658099 Operator: AK
Run Time: 10/04/06 04:22:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.058	.03207	.00706	.13819	.00179	7.3108	.00290
SDev	.003	.00155	.00054	.00031	.00002	.0037	.00012
%RSD	.01411	4.8489	7.6329	.22609	1.2284	.05062	4.0268
#1	22.056	.03097	.00668	.13841	.00180	7.3082	.00282
#2	22.060	.03317	.00744	.13797	.00177	7.3134	.00299
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00441	.09533	.07340	44.960	1.3917	2.0399	.44100
SDev	.00027	.00028	.00003	.093	.0040	.0016	.00023
%RSD	6.1258	.28806	.04291	.20644	.28433	.07746	.05160
#1	.00422	.09514	.07338	44.894	1.3945	2.0388	.44084
#2	.00460	.09552	.07342	45.025	1.3889	2.0410	.44116
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01149	.13384	.02363	.41145	.41645	.41479	.00506
SDev	.00059	.02273	.00015	.00009	.00484	.00326	.00096
%RSD	5.0984	16.987	.65404	.02273	1.1620	.78564	19.039
#1	.01190	.11776	.02374	.41139	.41303	.41248	.00438
#2	.01107	.14991	.02353	.41152	.41988	.41709	.00574
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00593	.00515	.00501	.60464	-.00196	.19884	.20627
SDev	.00091	.00354	.00321	.00082	.00187	.00007	.00012
%RSD	15.301	68.703	64.123	.13508	95.600	.03611	.05873
#1	.00529	.00765	.00274	.60522	-.00329	.19889	.20619
#2	.00657	.00265	.00729	.60407	-.00064	.19879	.20636
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.03738	.00025
SDev	.00028	.00033
%RSD	.76322	133.18
#1	.03758	.00049
#2	.03718	.00001
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4061	--	--	--	--	--	--
SDev	12.03860	--	--	--	--	--	--
%RSD	.2964670	--	--	--	--	--	--
#1	4069	--	--	--	--	--	--
#2	4052	--	--	--	--	--	--

Analysis Report 10/04/06 04:31:48 AM page 1

Method: TRACE2 Sample Name: AD658100 Operator: AK
Run Time: 10/04/06 04:26:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.805	.02835	.00623	.14123	.00165	8.4734	.00347
SDev	.029	.00140	.00100	.00048	.00001	.0104	.00007
%RSD	.14846	4.9528	16.040	.34048	.53055	.12231	2.1216
#1	19.826	.02934	.00693	.14157	.00166	8.4807	.00341
#2	19.784	.02735	.00552	.14089	.00164	8.4661	.00352
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00478	.09863	.06017	46.258	1.2627	1.9105	.74888
SDev	.00007	.00047	.00039	.033	.0189	.0039	.00018
%RSD	1.5047	.47709	.64966	.07212	1.4929	.20317	.02355
#1	.00483	.09830	.06045	46.234	1.2760	1.9133	.74876
#2	.00473	.09897	.05990	46.281	1.2494	1.9078	.74901
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01049	.19875	.02218	.28071	.28313	.28233	.00762
SDev	.00006	.14488	.00053	.00183	.00117	.00017	.00045
%RSD	.57242	72.896	2.3910	.65192	.41413	.06116	5.9197
#1	.01053	.09630	.02255	.28201	.28230	.28221	.00794
#2	.01044	.30119	.02180	.27942	.28396	.28245	.00730
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00586	.00641	.00823	.53907	-.00434	.19378	.23758
SDev	.00069	.00220	.00178	.00085	.00082	.00046	.00018
%RSD	11.844	34.376	21.604	.15705	18.954	.23740	.07634
#1	.00537	.00485	.00949	.53967	-.00492	.19410	.23745
#2	.00635	.00796	.00697	.53847	-.00376	.19345	.23771
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.03465	.00029
SDev	.00035	.00008
%RSD	1.0073	26.960
#1	.03490	.00035
#2	.03440	.00024
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4043	--	--	--	--	--	--
SDev	3.234979	--	--	--	--	--	--
%RSD	.0800071	--	--	--	--	--	--
#1	4041	--	--	--	--	--	--
#2	4046	--	--	--	--	--	--

Analysis Report QC Standard 10/04/06 04:38:08 AM page 1

Method: TRACE2 Sample Name: CCV Operator: AK
Run Time: 10/04/06 04:33:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.248	.49099	.48796	.50305	.50788	24.926	.49490
SDev	.263	.00417	.00737	.00383	.00635	.325	.00668
%RSD	1.0421	.84939	1.5098	.76238	1.2511	1.3049	1.3499
#1	25.062	.48805	.48275	.50033	.50339	24.696	.49017
#2	25.434	.49394	.49317	.50576	.51237	25.156	.49962
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49608	.50000	.50935	24.952	25.467	24.937	.51115
SDev	.00694	.00718	.00563	.333	.206	.346	.00680
%RSD	1.3998	1.4357	1.1045	1.3363	.81018	1.3891	1.3298
#1	.49117	.49492	.50538	24.717	25.321	24.692	.50635
#2	.50099	.50507	.51333	25.188	25.613	25.182	.51596
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51489	24.665	.49904	.50582	.49681	.49981	.50814
SDev	.00851	.258	.00713	.00580	.00768	.00706	.00545
%RSD	1.6520	1.0461	1.4278	1.1461	1.5468	1.4117	1.0727
#1	.50887	24.483	.49400	.50172	.49138	.49482	.50428
#2	.52090	24.848	.50408	.50992	.50225	.50480	.51199
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50427	.51085	.50679	.51464	.50801	.49840	.50216
SDev	.00492	.00384	.00626	.00523	.00848	.00755	.00855
%RSD	.97675	.75144	1.2346	1.0163	1.6702	1.5156	1.7034
#1	.50078	.50814	.50236	.51094	.50201	.49306	.49611
#2	.50775	.51357	.51121	.51833	.51401	.50375	.50821
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.51054	.50561
SDev	.00704	.00632
%RSD	1.3794	1.2496
#1	.50556	.50114
#2	.51552	.51008
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3808	--	--	--	--	--	--
SDev	33.09263	--	--	--	--	--	--
%RSD	.8691204	--	--	--	--	--	--
#1	3831	--	--	--	--	--	--
#2	3784	--	--	--	--	--	--

Analysis Report Blank Sample 10/04/06 04:43:03 AM page 1

Method: TRACE2 Sample Name: CCB Operator: AK
Run Time: 10/04/06 04:38:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01015	.00050	.00048	.00015	.00012	-.02313	.00019
SDev	.00499	.00090	.00003	.00001	.00001	.00291	.00001
%RSD	49.194	179.56	6.2264	3.2192	9.3059	12.600	7.5252
#1	-.00662	.00114	.00050	.00016	.00011	-.02107	.00020
#2	-.01368	-.00014	.00046	.00015	.00013	-.02519	.00018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00038	.00016	.00031	-.00322	.00098	.00359	-.00018
SDev	.00005	.00019	.00055	.00108	.01167	.00158	.00008
%RSD	13.036	121.74	177.17	33.637	1194.1	44.172	46.153
#1	.00041	.00029	.00070	-.00245	.00923	.00247	-.00012
#2	.00034	.00002	-.00008	-.00398	-.00728	.00471	-.00024
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00097	.01907	-.00045	.00034	.00108	.00083	-.00035
SDev	.00052	.08020	.00001	.00112	.00099	.00028	.00008
%RSD	53.799	420.54	2.6319	325.30	91.496	34.184	23.920
#1	.00134	-.03764	-.00046	.00114	.00038	.00063	-.00040
#2	.00060	.07578	-.00044	-.00045	.00178	.00104	-.00029
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00231	-.00026	-.00039	.00029	.00121	.00004	-.00002
SDev	.00063	.00074	.00024	.00006	.00048	.00013	.00000
%RSD	27.214	288.25	62.340	18.850	39.571	314.68	1.0159
#1	.00187	-.00078	-.00022	.00025	.00087	.00013	-.00002
#2	.00276	.00026	-.00056	.00033	.00155	-.00005	-.00002
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00040	.00020
SDev	.00160	.00017
%RSD	403.01	84.908
#1	-.00153	.00031
#2	.00074	.00008
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3818	--	--	--	--	--	--
SDev	3.181981	--	--	--	--	--	--
%RSD	.0833443	--	--	--	--	--	--
#1	3816	--	--	--	--	--	--
#2	3820	--	--	--	--	--	--

Analysis Report 10/04/06 04:47:58 AM page 1

Method: TRACE2 Sample Name: AD658101 Operator: AK
Run Time: 10/04/06 04:43:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	26.424	.02852	.00032	.06616	.00165	2.7063	.00247
SDev	.126	.00089	.00023	.00037	.00001	.0088	.00008
%RSD	.47662	3.1387	70.526	.56060	.29765	.32549	3.1201
#1	26.335	.02915	.00016	.06590	.00165	2.7001	.00252
#2	26.513	.02788	.00049	.06642	.00164	2.7125	.00241
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00253	.09925	.04883	44.939	1.2522	1.5597	.24970
SDev	.00017	.00025	.00007	.084	.0053	.0025	.00023
%RSD	6.9441	.25072	.13631	.18649	.42481	.16300	.09333
#1	.00265	.09907	.04888	44.880	1.2560	1.5579	.24953
#2	.00240	.09943	.04878	44.998	1.2485	1.5615	.24986
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00719	.12608	.01720	.28242	.28380	.28334	.00338
SDev	.00020	.12345	.00017	.00119	.00060	.00000	.00062
%RSD	2.8120	97.908	1.0095	.42183	.21165	.00139	18.473
#1	.00733	.21337	.01708	.28326	.28337	.28334	.00382
#2	.00705	.03879	.01732	.28158	.28422	.28334	.00294
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00750	.00204	.00405	.79172	-.00268	.15749	.19294
SDev	.00160	.00002	.00093	.00435	.00011	.00046	.00057
%RSD	21.356	.81254	22.915	.54925	4.1984	.28862	.29434
#1	.00637	.00205	.00470	.78864	-.00276	.15717	.19254
#2	.00864	.00202	.00339	.79479	-.00260	.15781	.19334
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.03676	-.00009
SDev	.00012	.00036
%RSD	.33663	401.63
#1	.03667	.00017
#2	.03684	-.00035
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4136	--	--	--	--	--	--
SDev	11.19010	--	--	--	--	--	--
%RSD	.2705840	--	--	--	--	--	--
#1	4128	--	--	--	--	--	--
#2	4143	--	--	--	--	--	--

Analysis Report 10/04/06 04:52:53 AM page 1

Method: TRACE2 Sample Name: AD658102 Operator: AK
Run Time: 10/04/06 04:48:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.950	.02230	.00438	.25640	.00164	22.178	.00638
SDev	.054	.00247	.00022	.00024	.00004	.121	.00012
%RSD	.33707	11.083	4.9681	.09307	2.2263	.54398	1.8125
#1	15.912	.02056	.00453	.25623	.00161	22.092	.00630
#2	15.989	.02405	.00422	.25657	.00166	22.263	.00646
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00947	.25568	.06034	107.44	1.5290	5.4760	3.6483
SDev	.00010	.00139	.00039	.56	.0018	.0272	.0151
%RSD	1.0043	.54220	.63901	.52464	.11531	.49666	.41490
#1	.00941	.25470	.06007	107.04	1.5303	5.4567	3.6376
#2	.00954	.25666	.06062	107.84	1.5278	5.4952	3.6590
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02064	.20575	.02829	.35277	.35059	.35131	.00480
SDev	.00028	.02348	.00056	.00082	.00379	.00280	.00000
%RSD	1.3704	11.413	1.9675	.23137	1.0812	.79707	.05444
#1	.02084	.22236	.02790	.35219	.34791	.34933	.00480
#2	.02044	.18915	.02869	.35335	.35327	.35329	.00480
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00533	.00468	.00487	.80352	-.00606	.29507	.44693
SDev	.00300	.00127	.00063	.00261	.00051	.00085	.00341
%RSD	56.295	27.176	12.980	.32488	8.3442	.28972	.76245
#1	.00321	.00558	.00442	.80167	-.00642	.29447	.44452
#2	.00745	.00378	.00531	.80536	-.00570	.29567	.44934
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.04205	.00037
SDev	.00130	.00063
%RSD	3.0857	172.49
#1	.04114	-.00008
#2	.04297	.00081
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4041	--	--	--	--	--	--
SDev	11.77343	--	--	--	--	--	--
%RSD	.2913765	--	--	--	--	--	--
#1	4049	--	--	--	--	--	--
#2	4032	--	--	--	--	--	--

Analysis Report 10/04/06 04:57:45 AM page 1

Method: TRACE2 Sample Name: AD658103 Operator: AK
Run Time: 10/04/06 04:52:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.172	.02429	.00703	.09098	.00143	7.9431	.00417
SDev	.088	.00172	.00012	.00058	.00001	.0293	.00005
%RSD	.36338	7.0627	1.7045	.64146	.49800	.36862	1.2301
#1	24.234	.02308	.00712	.09139	.00144	7.9638	.00413
#2	24.110	.02550	.00695	.09056	.00143	7.9224	.00420
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00504	.14475	.08822	61.602	1.6027	2.6791	1.0338
SDev	.00006	.00030	.00002	.202	.0103	.0056	.0028
%RSD	1.2848	.20972	.02265	.32861	.64294	.21029	.26901
#1	.00499	.14496	.08823	61.746	1.6100	2.6831	1.0357
#2	.00508	.14454	.08820	61.459	1.5954	2.6751	1.0318
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01886	.19327	.02456	.55950	.56151	.56084	.00730
SDev	.00052	.08517	.00055	.00026	.00114	.00085	.00122
%RSD	2.7370	44.067	2.2236	.04716	.20304	.15125	16.716
#1	.01850	.13305	.02417	.55931	.56071	.56024	.00816
#2	.01923	.25350	.02495	.55968	.56232	.56144	.00644
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00976	.00392	.00899	.96242	-.00448	.17062	.32298
SDev	.00063	.00102	.00132	.00629	.00214	.00055	.00143
%RSD	6.4032	25.923	14.707	.65357	47.733	.32079	.44114
#1	.01020	.00464	.00992	.96686	-.00599	.17100	.32398
#2	.00932	.00320	.00805	.95797	-.00297	.17023	.32197
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.05692	.00065
SDev	.00001	.00071
%RSD	.01331	108.95
#1	.05693	.00015
#2	.05692	.00115
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3977	--	--	--	--	--	--
SDev	11.34910	--	--	--	--	--	--
%RSD	.2853450	--	--	--	--	--	--
#1	3969	--	--	--	--	--	--
#2	3985	--	--	--	--	--	--

Analysis Report 10/04/06 05:02:38 AM page 1

Method: TRACE2 Sample Name: AD658104 Operator: AK
Run Time: 10/04/06 04:57:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.273	.00688	.00470	.19529	.00156	13.515	.00623
SDev	.509	.00002	.00133	.00813	.00017	.559	.00041
%RSD	4.1455	.30669	28.237	4.1618	10.797	4.1351	6.5784
#1	11.914	.00686	.00376	.18954	.00144	13.120	.00594
#2	12.633	.00689	.00564	.20104	.00168	13.911	.00652
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00196	.06755	.06666	14.835	1.5967	2.4391	.59289
SDev	.00008	.00321	.00305	.631	.0419	.1127	.02488
%RSD	4.2881	4.7485	4.5738	4.2502	2.6241	4.6224	4.1955
#1	.00190	.06528	.06451	14.389	1.5670	2.3594	.57530
#2	.00202	.06982	.06882	15.281	1.6263	2.5188	.61048
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00432	.02575	.01701	.51932	.51592	.51705	.00246
SDev	.00055	.03794	.00073	.01728	.01049	.01275	.00207
%RSD	12.618	147.34	4.2883	3.3267	2.0325	2.4654	84.038
#1	.00393	-.00108	.01650	.50710	.50851	.50804	.00393
#2	.00470	.05258	.01753	.53154	.52334	.52607	.00100
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00282	.00156	.00292	.59600	.00146	.06708	.26628
SDev	.00134	.00302	.00462	.02352	.00141	.00266	.01152
%RSD	47.635	194.12	158.34	3.9463	97.090	3.9596	4.3268
#1	.00187	-.00058	.00618	.57937	.00046	.06520	.25814
#2	.00377	.00370	-.00035	.61263	.00246	.06896	.27443
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.02937	-.00034
SDev	.00237	.00007
%RSD	8.0639	19.351
#1	.02770	-.00038
#2	.03105	-.00029
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3917	--	--	--	--	--	--
SDev	128.9762	--	--	--	--	--	--
%RSD	3.292960	--	--	--	--	--	--
#1	4008	--	--	--	--	--	--
#2	3826	--	--	--	--	--	--

Analysis Report 10/04/06 05:07:31 AM page 1

Method: TRACE2 Sample Name: AD657828/PB Operator: AK
Run Time: 10/04/06 05:02:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00116	-.00053	.00193	-.00003	-.00005	-.00094	.00006
SDev	.00127	.00048	.00031	.00001	.00002	.00138	.00001
%RSD	110.03	90.907	15.894	34.723	50.099	147.02	14.605
#1	-.00205	-.00019	.00172	-.00004	-.00007	-.00192	.00006
#2	-.00026	-.00087	.00215	-.00002	-.00003	.00004	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00016	.00020	.00007	.00163	-.01473	-.00168	.00052
SDev	.00017	.00022	.00075	.01062	.00645	.00282	.00012
%RSD	104.01	109.61	995.06	650.19	43.760	168.36	22.163
#1	.00004	.00036	.00060	-.00588	-.01017	.00032	.00044
#2	.00028	.00005	-.00045	.00915	-.01929	-.00367	.00060
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00072	-.10950	-.00018	.00025	.00105	.00078	-.00207
SDev	.00060	.04651	.00007	.00067	.00089	.00081	.00342
%RSD	82.992	42.477	38.459	266.64	84.823	104.20	165.01
#1	-.00115	-.14239	-.00023	-.00022	.00042	.00021	-.00449
#2	-.00030	-.07661	-.00013	.00072	.00167	.00136	.00035
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00090	.00102	-.00362	.00030	-.00170	-.00028	.00147
SDev	.00062	.00671	.00178	.00012	.00232	.00006	.00008
%RSD	69.224	659.40	49.097	40.158	136.59	22.226	5.1506
#1	-.00046	-.00372	-.00487	.00021	-.00006	-.00024	.00141
#2	-.00134	.00576	-.00236	.00038	-.00334	-.00032	.00152
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00072	-.00016
SDev	.00022	.00000
%RSD	30.064	.17799
#1	-.00057	-.00016
#2	-.00088	-.00016
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3883	--	--	--	--	--	--
SDev	21.95570	--	--	--	--	--	--
%RSD	.5654569	--	--	--	--	--	--
#1	3898	--	--	--	--	--	--
#2	3867	--	--	--	--	--	--

Analysis Report 10/04/06 05:12:24 AM page 1

Method: TRACE2 Sample Name: AD657827/LCS Operator: AK
Run Time: 10/04/06 05:07:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00979	1.0109	.06702	.99098	.95508	.65767	.98312
SDev	.00040	.0038	.00029	.00401	.00305	.00296	.00304
%RSD	4.0681	.38039	.43570	.40462	.31948	.44940	.30907
#1	.00951	1.0082	.06681	.98814	.95293	.65558	.98097
#2	.01007	1.0136	.06723	.99381	.95724	.65976	.98526
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	LC Pass
High		1.2000		1.2000	1.2000		1.2000
Low		.80000		.80000	.80000		.80000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.95838	.92973	1.0171	.05780	1.6142	.14559	.97639
SDev	.00149	.00226	.0008	.00275	.0038	.00194	.00106
%RSD	.15543	.24310	.07393	4.7630	.23438	1.3325	.10899
#1	.95733	.92814	1.0165	.05585	1.6169	.14421	.97564
#2	.95944	.93133	1.0176	.05974	1.6116	.14696	.97715
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	1.2000	1.2000	1.2000				1.2000
Low	.80000	.80000	.80000				.80000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0103	1024.7	.97507	.98711	.97568	.97949	1.0180
SDev	.0039	.4	.00359	.00388	.00220	.00276	.0039
%RSD	.38380	.03458	.36837	.39318	.22540	.28171	.38331
#1	1.0075	1025.0	.97253	.98437	.97412	.97753	1.0153
#2	1.0130	1024.5	.97761	.98985	.97723	.98144	1.0208
Errors	LC Pass	NOCHECK	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	1.2000		1.2000			1.2000	1.2000
Low	.80000		.80000			.80000	.80000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0052	1.0207	1.0167	.00017	1.0334	.98435	.98908
SDev	.0070	.0041	.0038	.00009	.0063	.00342	.00401
%RSD	.69903	.40356	.37314	51.422	.60880	.34730	.40581
#1	1.0002	1.0178	1.0140	.00011	1.0290	.98194	.98625
#2	1.0101	1.0236	1.0194	.00023	1.0379	.98677	.99192
Errors	LC Pass	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.2000				1.2000	1.2000	1.2000
Low	.80000				.80000	.80000	.80000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00123	1.0031
SDev	.00155	.0009
%RSD	126.20	.08840
#1	.00013	1.0038
#2	.00233	1.0025
Errors	NOCHECK	LC Pass
High		1.2000
Low		.80000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3640	--	--	--	--	--	--
SDev	.3181635	--	--	--	--	--	--
%RSD	.0087414	--	--	--	--	--	--
#1	3640	--	--	--	--	--	--
#2	3640	--	--	--	--	--	--

Analysis Report 10/04/06 05:17:18 AM page 1

Method: TRACE2 Sample Name: AD657826/EBLK Operator: AK
Run Time: 10/04/06 05:12:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01334	.00268	H.07542	H.00281	.00010	H.69167	.00019
SDev	.00193	.00070	.00047	.00006	.00003	.00543	.00011
%RSD	14.439	26.155	.62644	2.1184	25.857	.78434	60.486
#1	.01470	.00218	H.07576	H.00285	.00012	H.68783	.00011
#2	.01197	.00317	H.07509	H.00277	.00008	H.69550	.00027
Errors	LC Pass	LC Pass	LC High	LC High	LC Pass	LC High	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00033	.00100	.00168	.00872	H1.7164	.15616	.00231
SDev	.00000	.00014	.00016	.00898	.0063	.00126	.00005
%RSD	.25412	14.244	9.4584	103.00	.36802	.80737	2.0905
#1	.00033	.00090	.00179	.00237	H1.7119	.15705	.00234
#2	.00033	.00110	.00157	.01507	H1.7208	.15527	.00227
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00237	H1076.3	.00042	-.00073	.00392	.00237	.00026
SDev	.00070	3.2	.00013	.00133	.00001	.00044	.00117
%RSD	29.633	.29967	30.668	182.03	.13307	18.505	444.02
#1	.00287	H1074.1	.00033	.00021	.00392	.00268	.00109
#2	.00188	H1078.6	.00051	-.00167	.00393	.00206	-.00056
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00396	.00343	-.00132	-.00011	-.00282	.00035	H.01216
SDev	.00056	.00198	.00077	.00008	.00008	.00027	.00024
%RSD	14.273	57.653	58.002	69.500	2.7836	77.990	1.9878
#1	.00436	.00483	-.00078	-.00006	-.00277	.00015	H.01199
#2	.00356	.00203	-.00186	-.00017	-.00288	.00054	H.01233
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC High
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00246	.00002
SDev	.00005	.00012
%RSD	2.0863	599.63
#1	.00249	.00011
#2	.00242	-.00007
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3662	--	--	--	--	--	--
SDev	10.81877	--	--	--	--	--	--
%RSD	.2954737	--	--	--	--	--	--
#1	3669	--	--	--	--	--	--
#2	3654	--	--	--	--	--	--

Analysis Report 10/04/06 05:22:11 AM page 1

Method: TRACE2 Sample Name: AD657820 Operator: AK
Run Time: 10/04/06 05:17:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06969	.00046	.08223	.94150	.00048	389.95	.00288
SDev	.00082	.00010	.00052	.00193	.00001	1.49	.00012
%RSD	1.1830	21.587	.62767	.20463	1.9446	.38289	3.9928
#1	.06911	.00053	.08186	.94014	.00047	388.90	.00280
#2	.07027	.00039	.08259	.94287	.00049	391.01	.00296
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05333	.00057	.00852	.09749	2.3104	64.041	5.0264
SDev	.00080	.00003	.00009	.00977	.0002	.233	.0255
%RSD	1.4996	4.3053	1.0247	10.020	.00898	.36415	.50770
#1	.05276	.00056	.00858	.09059	2.3105	63.876	5.0083
#2	.05390	.00059	.00846	.10440	2.3102	64.206	5.0444
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00033	H1088.0	.04428	.01296	.01526	.01449	-.00091
SDev	.00016	1.5	.00024	.00229	.00029	.00096	.00136
%RSD	47.803	.13348	.54088	17.662	1.9259	6.6119	148.98
#1	-.00022	H1087.0	.04411	.01458	.01547	.01517	-.00187
#2	-.00044	H1089.1	.04445	.01134	.01505	.01382	.00005
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00165	.00231	-.00252	.00009	-.00297	-.00013	.02573
SDev	.00148	.00344	.00376	.00018	.00112	.00014	.00005
%RSD	90.147	149.02	149.00	202.60	37.819	104.40	.19534
#1	.00060	.00474	-.00518	.00021	-.00217	-.00003	.02570
#2	.00270	-.00012	.00014	-.00004	-.00376	-.00022	.02577
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00143	-.00023
SDev	.00130	.00010
%RSD	90.961	44.550
#1	.00051	-.00030
#2	.00235	-.00015
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3625	--	--	--	--	--	--
SDev	6.894291	--	--	--	--	--	--
%RSD	.1901886	--	--	--	--	--	--
#1	3630	--	--	--	--	--	--
#2	3620	--	--	--	--	--	--

Analysis Report 10/04/06 05:27:05 AM page 1

Method: TRACE2 Sample Name: AD657820/L (1:5) Operator: AK
Run Time: 10/04/06 05:22:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00700	.00199	.01703	.18729	.00015	76.876	.00062
SDev	.00130	.00237	.00041	.00089	.00002	.402	.00012
%RSD	18.582	119.29	2.4268	.47498	12.356	.52230	18.910
#1	-.00608	.00367	.01674	.18666	.00016	76.592	.00071
#2	-.00792	.00031	.01733	.18791	.00014	77.160	.00054
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01109	-.00018	.00149	-.00266	.33943	13.007	1.0345
SDev	.00026	.00006	.00019	.00045	.01443	.073	.0067
%RSD	2.3828	31.984	12.879	16.798	4.2496	.55906	.64325
#1	.01090	-.00022	.00136	-.00234	.34963	12.956	1.0297
#2	.01128	-.00014	.00163	-.00298	.32923	13.059	1.0392
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00044	264.67	.00881	.00262	.00373	.00336	-.00254
SDev	.00048	1.02	.00006	.00184	.00042	.00033	.00243
%RSD	109.80	.38415	.74137	70.104	11.148	9.9384	95.356
#1	-.00010	263.95	.00885	.00392	.00343	.00359	-.00426
#2	-.00077	265.39	.00876	.00132	.00402	.00312	-.00083
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	-.00045	-.00359	-.00017	-.00500	-.00014	.00528
SDev	.00019	.00138	.00433	.00022	.00065	.00026	.00024
%RSD	43.705	305.41	120.65	132.55	13.034	184.83	4.5516
#1	.00031	.00053	-.00665	-.00001	-.00454	.00004	.00545
#2	.00058	-.00143	-.00053	-.00032	-.00546	-.00032	.00511
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00027	.00000
SDev	.00127	.00078
%RSD	476.93	24487.
#1	.00063	.00055
#2	-.00117	-.00055
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3787	--	--	--	--	--	--
SDev	14.79624	--	--	--	--	--	--
%RSD	.3906792	--	--	--	--	--	--
#1	3798	--	--	--	--	--	--
#2	3777	--	--	--	--	--	--

Analysis Report 10/04/06 05:31:59 AM page 1

Method: TRACE2 Sample Name: AD657820/PS Operator: AK
Run Time: 10/04/06 05:27:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06876	1.0166	.07826	1.8955	.97010	380.27	.97351
SDev	.00244	.0110	.00017	.0098	.00686	2.77	.00636
%RSD	3.5499	1.0774	.21528	.51472	.70718	.72888	.65333
#1	.07049	1.0088	.07814	1.8886	.96525	378.31	.96902
#2	.06704	1.0243	.07838	1.9024	.97495	382.23	.97801
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0087	.95619	.99457	.16175	2.2948	63.149	5.9597
SDev	.0077	.00747	.00498	.00219	.0101	.405	.0422
%RSD	.76345	.78086	.50107	1.3555	.44037	.64189	.70804
#1	1.0032	.95091	.99105	.16330	2.3020	62.863	5.9299
#2	1.0141	.96147	.99809	.16020	2.2877	63.436	5.9896
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0628	H1072.6	1.0978	.98816	.97487	.97929	1.0399
SDev	.0134	2.4	.0067	.00371	.00715	.00601	.0060
%RSD	1.2642	.22098	.60939	.37541	.73382	.61339	.57363
#1	1.0533	H1070.9	1.0931	.98554	.96981	.97505	1.0357
#2	1.0723	H1074.3	1.1025	.99078	.97992	.98354	1.0441
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0026	1.0435	1.0382	-.00007	1.0047	.97720	.99904
SDev	.0178	.0023	.0078	.00006	.0000	.00771	.00785
%RSD	1.7735	.22326	.74972	78.652	.00112	.78951	.78540
#1	.99001	1.0418	1.0326	-.00011	1.0048	.97175	.99349
#2	1.0152	1.0451	1.0437	-.00003	1.0047	.98266	1.0046
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00166	1.0528
SDev	.00084	.0059
%RSD	50.218	.56435
#1	.00107	1.0486
#2	.00225	1.0570
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3617	--	--	--	--	--	--
SDev	12.72792	--	--	--	--	--	--
%RSD	.3518527	--	--	--	--	--	--
#1	3626	--	--	--	--	--	--
#2	3608	--	--	--	--	--	--

Analysis Report QC Standard 10/04/06 05:38:19 AM page 1

Method: TRACE2 Sample Name: CCV Operator: AK
Run Time: 10/04/06 05:33:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.274	.49368	.48881	.51038	.51052	25.186	.49708
SDev	.176	.00376	.00288	.00312	.00325	.187	.00270
%RSD	.69545	.76231	.58916	.61118	.63584	.74115	.54358
#1	25.149	.49101	.48677	.50817	.50823	25.054	.49517
#2	25.398	.49634	.49085	.51258	.51282	25.318	.49899
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49736	.49990	.50942	24.957	25.347	25.061	.51084
SDev	.00237	.00325	.00250	.092	.114	.146	.00228
%RSD	.47631	.65024	.49067	.36836	.44860	.58338	.44697
#1	.49568	.49760	.50765	24.892	25.267	24.957	.50923
#2	.49903	.50220	.51119	25.022	25.428	25.164	.51246
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51604	24.816	.50134	.50524	.50276	.50359	.51265
SDev	.00490	.144	.00402	.00287	.00755	.00599	.00547
%RSD	.95004	.57875	.80223	.56735	1.5012	1.1892	1.0681
#1	.51258	24.715	.49850	.50322	.49743	.49935	.50877
#2	.51951	24.918	.50419	.50727	.50810	.50782	.51652
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51391	.51000	.51398	.52032	.50760	.49971	.50640
SDev	.00225	.00360	.00641	.00380	.00316	.00319	.00356
%RSD	.43815	.70589	1.2477	.73130	.62263	.63870	.70354
#1	.51232	.50745	.50944	.51763	.50536	.49745	.50388
#2	.51550	.51255	.51851	.52301	.50983	.50196	.50892
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.51212	.50345
SDev	.00387	.00182
%RSD	.75603	.36087
#1	.50938	.50217
#2	.51486	.50474
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3819	--	--	--	--	--	--
SDev	9.174780	--	--	--	--	--	--
%RSD	.2402238	--	--	--	--	--	--
#1	3826	--	--	--	--	--	--
#2	3813	--	--	--	--	--	--

Analysis Report Blank Sample 10/04/06 05:43:14 AM page 1

Method: TRACE2 Sample Name: CCB Operator: AK
Run Time: 10/04/06 05:38:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01284	.00154	.00099	.00022	.00028	.01525	.00026
SDev	.00149	.00021	.00031	.00003	.00000	.00404	.00010
%RSD	11.609	13.794	31.143	15.955	1.5505	26.521	38.025
#1	-.01390	.00139	.00121	.00025	.00029	.01811	.00019
#2	-.01179	.00169	.00077	.00020	.00028	.01239	.00033
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00039	.00036	-.00071	-.00958	.00597	.00822	.00040
SDev	.00017	.00004	.00006	.00161	.01059	.00204	.00008
%RSD	43.725	10.561	9.1134	16.800	177.49	24.817	20.261
#1	.00027	.00039	-.00076	-.01071	.01345	.00966	.00046
#2	.00052	.00033	-.00066	-.00844	-.00152	.00677	.00035
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00136	.15465	-.00020	-.00083	.00136	.00063	-.00064
SDev	.00075	.11595	.00069	.00127	.00042	.00015	.00411
%RSD	55.384	74.977	338.17	152.86	30.507	23.067	640.40
#1	.00189	.23664	-.00069	.00007	.00107	.00074	.00226
#2	.00082	.07266	.00028	-.00173	.00166	.00053	-.00354
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00344	-.00002	-.00095	.00008	-.00031	-.00005	-.00002
SDev	.00146	.00582	.00325	.00003	.00155	.00026	.00026
%RSD	42.358	35354.	340.76	32.632	493.52	531.80	1262.6
#1	.00241	.00410	.00134	.00010	-.00141	.00013	.00016
#2	.00447	-.00413	-.00325	.00007	.00078	-.00023	-.00021
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00199	.00024
SDev	.00033	.00001
%RSD	16.586	4.9163
#1	-.00175	.00025
#2	-.00222	.00023
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3808	--	--	--	--	--	--
SDev	1.219828	--	--	--	--	--	--
%RSD	.0320332	--	--	--	--	--	--
#1	3809	--	--	--	--	--	--
#2	3807	--	--	--	--	--	--

Analysis Report 10/04/06 05:48:08 AM page 1

Method: TRACE2 Sample Name: AD657821 Operator: AK
Run Time: 10/04/06 05:43:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.26044	.00663	.08661	.33434	.00097	49.287	.00134
SDev	.00107	.00241	.00034	.00062	.00001	.142	.00012
%RSD	.41092	36.403	.38821	.18517	1.4632	.28731	8.7369
#1	.26119	.00834	.08685	.33391	.00098	49.187	.00142
#2	.25968	.00493	.08637	.33478	.00096	49.387	.00126
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02014	.00096	.01303	3.0010	1.6840	8.3450	4.0556
SDev	.00010	.00008	.00043	.0139	.0175	.0272	.0159
%RSD	.47412	8.7093	3.3242	.46356	1.0380	.32593	.39194
#1	.02021	.00090	.01333	2.9911	1.6964	8.3257	4.0443
#2	.02007	.00102	.01272	3.0108	1.6717	8.3642	4.0668
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00013	H1047.0	.02324	.01568	.01703	.01658	-.00001
SDev	.00072	.8	.00017	.00054	.00012	.00010	.00419
%RSD	565.80	.07279	.72053	3.4568	.69878	.60993	40811.
#1	.00064	H1046.5	.02312	.01606	.01694	.01665	-.00297
#2	-.00038	H1047.6	.02336	.01529	.01711	.01651	.00295
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00107	.00451	-.00227	.00069	-.00261	-.00011	.02760
SDev	.00055	.00502	.00378	.00033	.00029	.00013	.00029
%RSD	50.833	111.45	166.40	47.875	11.283	126.76	1.0383
#1	.00069	.00096	-.00494	.00092	-.00240	-.00001	.02740
#2	.00146	.00806	.00040	.00046	-.00281	-.00020	.02780
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00109	.00000
SDev	.00044	.00010
%RSD	40.413	3723.6
#1	.00140	.00007
#2	.00078	-.00007
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3669	--	--	--	--	--	--
SDev	10.81877	--	--	--	--	--	--
%RSD	.2948757	--	--	--	--	--	--
#1	3677	--	--	--	--	--	--
#2	3661	--	--	--	--	--	--

Analysis Report 10/04/06 05:53:03 AM page 1

Method: TRACE2 Sample Name: AD657822 Operator: AK
Run Time: 10/04/06 05:48:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12338	.00374	.08891	.47854	.00053	228.68	.00977
SDev	.00023	.00170	.00087	.00058	.00002	.65	.00001
%RSD	.18498	45.453	.98142	.12136	2.8695	.28517	.11760
#1	.12322	.00494	.08953	.47895	.00052	228.22	.00976
#2	.12354	.00254	.08829	.47813	.00054	229.14	.00977
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02519	.00186	.00557	.04238	3.1496	15.936	2.7064
SDev	.00043	.00004	.00014	.00915	.0034	.050	.0098
%RSD	1.7083	1.9520	2.4752	21.604	.10829	.31425	.36196
#1	.02489	.00184	.00547	.03590	3.1520	15.901	2.6994
#2	.02550	.00189	.00566	.04885	3.1472	15.972	2.7133
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	H1066.5	.01522	.00607	.01050	.00903	.00020
SDev	.00069	.1	.00008	.00029	.00064	.00052	.00198
%RSD	2857.9	.00604	.55239	4.7734	6.1193	5.8179	970.58
#1	-.00051	H1066.5	.01516	.00628	.01096	.00940	-.00120
#2	.00046	H1066.4	.01528	.00587	.01005	.00866	.00161
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00021	.00150	-.00044	.00077	-.00387	.00112	.05754
SDev	.00148	.00031	.00282	.00031	.00386	.00068	.00023
%RSD	697.45	20.485	634.99	40.231	99.799	60.963	.39860
#1	-.00084	.00128	-.00244	.00055	-.00114	.00064	.05738
#2	.00126	.00172	.00155	.00099	-.00660	.00160	.05770
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00108	-.00030
SDev	.00172	.00035
%RSD	160.47	118.69
#1	.00229	-.00054
#2	-.00014	-.00005
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3624	--	--	--	--	--	--
SDev	10.02327	--	--	--	--	--	--
%RSD	.2765661	--	--	--	--	--	--
#1	3631	--	--	--	--	--	--
#2	3617	--	--	--	--	--	--

Analysis Report 10/04/06 05:57:58 AM page 1

Method: TRACE2 Sample Name: AD657823 Operator: AK
Run Time: 10/04/06 05:53:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.30075	.00351	.12064	.61018	.00046	238.67	.00317
SDev	.00013	.00012	.00001	.00192	.00003	1.70	.00010
%RSD	.04337	3.5119	.01108	.31521	7.3857	.71351	3.0479
#1	.30084	.00342	.12065	.60882	.00044	237.47	.00311
#2	.30065	.00359	.12063	.61154	.00048	239.88	.00324
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01317	.00107	.02186	.03016	3.5472	27.238	3.6494
SDev	.00006	.00014	.00022	.00075	.0098	.189	.0308
%RSD	.43894	13.009	.99840	2.4813	.27697	.69341	.84508
#1	.01313	.00098	.02170	.03069	3.5403	27.104	3.6276
#2	.01321	.00117	.02201	.02963	3.5542	27.371	3.6713
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00014	H1056.5	.02011	.02453	.02883	.02739	-.00117
SDev	.00002	3.8	.00075	.00007	.00153	.00104	.00185
%RSD	17.028	.36441	3.7405	.27377	5.3159	3.8126	157.97
#1	.00016	H1053.7	.01958	.02448	.02774	.02666	-.00248
#2	.00012	H1059.2	.02064	.02457	.02991	.02813	.00014
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00141	.00063	-.00207	.00079	-.00412	.00001	.11013
SDev	.00205	.00190	.00373	.00040	.00048	.00034	.00122
%RSD	145.01	300.67	179.69	51.165	11.757	2312.4	1.1076
#1	-.00286	.00197	-.00471	.00050	-.00378	-.00023	.10927
#2	.00004	-.00071	.00056	.00107	-.00446	.00025	.11099
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00353	.00037
SDev	.00000	.00008
%RSD	.08818	22.836
#1	.00354	.00042
#2	.00353	.00031

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3645	--	--	--	--	--	--
SDev	24.44818	--	--	--	--	--	--
%RSD	.6707665	--	--	--	--	--	--
#1	3662	--	--	--	--	--	--
#2	3628	--	--	--	--	--	--

Analysis Report 10/04/06 06:02:53 AM page 1

Method: TRACE2 Sample Name: AD657823/L (1:5) Operator: AK
Run Time: 10/04/06 05:58:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03954	.00101	.02351	.12247	.00010	47.985	.00057
SDev	.00226	.00042	.00106	.00040	.00002	.336	.00003
%RSD	5.7159	42.041	4.5003	.32916	17.761	.70074	6.0121
#1	.04114	.00131	.02276	.12219	.00009	47.747	.00054
#2	.03794	.00071	.02426	.12276	.00012	48.223	.00059
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00249	-.00010	.00447	-.01550	.54412	5.6364	.75505
SDev	.00033	.00014	.00044	.00596	.00735	.0451	.00546
%RSD	13.141	134.48	9.8937	38.438	1.3514	.80070	.72339
#1	.00226	-.00020	.00415	-.01971	.54932	5.6045	.75119
#2	.00272	-.00000	.00478	-.01129	.53892	5.6683	.75892
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00050	257.22	.00377	.00574	.00661	.00632	-.00073
SDev	.00013	.80	.00023	.00097	.00177	.00150	.00261
%RSD	25.972	.31281	6.0666	16.955	26.703	23.753	357.30
#1	-.00041	256.65	.00361	.00643	.00786	.00738	-.00258
#2	-.00059	257.79	.00393	.00506	.00536	.00526	.00112
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00037	.00477	-.00348	-.00013	-.00029	-.00032	.02243
SDev	.00042	.00319	.00232	.00014	.00364	.00013	.00017
%RSD	113.23	66.905	66.745	111.86	1264.0	40.561	.75025
#1	-.00007	.00251	-.00512	-.00023	-.00286	-.00023	.02231
#2	-.00066	.00702	-.00184	-.00003	.00229	-.00041	.02255
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00008	-.00007
SDev	.00066	.00027
%RSD	778.24	376.53
#1	-.00055	-.00026
#2	.00038	.00012
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3764	--	--	--	--	--	--
SDev	5.886802	--	--	--	--	--	--
%RSD	.1564043	--	--	--	--	--	--
#1	3768	--	--	--	--	--	--
#2	3760	--	--	--	--	--	--

Analysis Report 10/04/06 06:07:45 AM page 1

Method: TRACE2 Sample Name: AD657823/PS Operator: AK
Run Time: 10/04/06 06:02:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.29851	1.0406	.11654	1.6046	1.0089	237.67	1.0118
SDev	.00325	.0119	.00198	.0096	.0055	1.46	.0043
%RSD	1.0887	1.1428	1.6955	.59777	.54097	.61577	.42153
#1	.29621	1.0322	.11514	1.5978	1.0050	236.64	1.0087
#2	.30081	1.0490	.11794	1.6114	1.0127	238.71	1.0148
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99801	.98515	1.0200	.08726	3.5267	27.287	4.6436
SDev	.00339	.00363	.0039	.01028	.0124	.109	.0162
%RSD	.33943	.36891	.38690	11.782	.35258	.40081	.34965
#1	.99561	.98258	1.0172	.07999	3.5355	27.210	4.6321
#2	1.0004	.98772	1.0228	.09453	3.5179	27.365	4.6551
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0913	H1049.7	1.1090	1.0337	1.0198	1.0244	1.0669
SDev	.0091	2.0	.0062	.0052	.0095	.0081	.0076
%RSD	.83550	.18669	.55863	.50754	.92749	.78638	.71183
#1	1.0849	H1048.3	1.1046	1.0300	1.0131	1.0187	1.0615
#2	1.0978	H1051.0	1.1134	1.0375	1.0265	1.0301	1.0722
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0204	1.0789	1.0609	.00103	1.0216	1.0035	1.1239
SDev	.0113	.0036	.0096	.00030	.0054	.0050	.0052
%RSD	1.1052	.33184	.90505	29.368	.53299	.49850	.46535
#1	1.0124	1.0763	1.0541	.00124	1.0177	.99999	1.1202
#2	1.0283	1.0814	1.0677	.00081	1.0254	1.0071	1.1276
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00144	1.0634
SDev	.00016	.0022
%RSD	11.025	.21035
#1	.00133	1.0618
#2	.00155	1.0649
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3663	--	--	--	--	--	--
SDev	10.18227	--	--	--	--	--	--
%RSD	.2779648	--	--	--	--	--	--
#1	3670	--	--	--	--	--	--
#2	3656	--	--	--	--	--	--

Analysis Report 10/04/06 06:12:38 AM page 1

Method: TRACE2 Sample Name: AD657824/MS Operator: AK
Run Time: 10/04/06 06:07:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10799	.93353	.08522	1.3925	.86700	230.35	.88531
SDev	.00343	.00722	.00021	.0075	.00532	1.73	.00411
%RSD	3.1801	.77342	.24601	.53799	.61384	.75194	.46446
#1	.10556	.92843	.08507	1.3872	.86324	229.13	.88240
#2	.11042	.93864	.08537	1.3978	.87076	231.58	.88821
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.88114	.83282	.93573	.09041	3.1672	16.070	3.5909
SDev	.00366	.00425	.00337	.00779	.0097	.097	.0151
%RSD	.41544	.51075	.35989	8.6223	.30665	.60131	.42010
#1	.87855	.82981	.93335	.08490	3.1604	16.002	3.5802
#2	.88373	.83583	.93811	.09592	3.1741	16.138	3.6016
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.91809	H1067.1	.88665	.89671	.88996	.89221	.93701
SDev	.00467	3.2	.00662	.00602	.00968	.00847	.00856
%RSD	.50836	.29756	.74630	.67166	1.0882	.94878	.91376
#1	.91479	H1064.8	.88197	.89245	.88312	.88623	.93096
#2	.92139	H1069.3	.89133	.90097	.89681	.89820	.94306
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.93376	.93484	.93811	.00039	.93417	.89987	.92524
SDev	.00460	.00292	.01138	.00009	.00585	.00356	.00613
%RSD	.49277	.31230	1.2134	21.460	.62677	.39581	.66296
#1	.93051	.93278	.93006	.00033	.93003	.89735	.92090
#2	.93701	.93691	.94616	.00045	.93831	.90239	.92958
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00261	.91938
SDev	.00129	.00194
%RSD	49.277	.21146
#1	.00170	.91801
#2	.00352	.92075
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3634	--	--	--	--	--	--
SDev	16.28124	--	--	--	--	--	--
%RSD	.4480792	--	--	--	--	--	--
#1	3645	--	--	--	--	--	--
#2	3622	--	--	--	--	--	--

Analysis Report 10/04/06 06:17:31 AM page 1

Method: TRACE2 Sample Name: AD657825/SD Operator: AK
Run Time: 10/04/06 06:12:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11591	.99733	.08631	1.4721	.92119	232.86	.93625
SDev	.00557	.00196	.00057	.0012	.00211	.34	.00158
%RSD	4.8036	.19669	.66146	.07897	.22870	.14621	.16851
#1	.11985	.99871	.08672	1.4713	.91970	232.62	.93514
#2	.11197	.99594	.08591	1.4729	.92268	233.10	.93737
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.93148	.88275	.99675	.09395	3.1929	16.121	3.6474
SDev	.00052	.00148	.00064	.00912	.0031	.024	.0086
%RSD	.05575	.16802	.06454	9.7064	.09708	.15137	.23452
#1	.93111	.88170	.99721	.10040	3.1907	16.104	3.6414
#2	.93185	.88380	.99630	.08750	3.1951	16.138	3.6535
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97398	H1076.2	.94183	.95034	.94793	.94873	.99991
SDev	.00403	1.0	.00035	.00040	.00226	.00138	.00244
%RSD	.41380	.09391	.03695	.04158	.23872	.14522	.24371
#1	.97113	H1076.9	.94159	.95006	.94953	.94971	1.0016
#2	.97683	H1075.5	.94208	.95062	.94633	.94776	.99819
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99102	.99381	1.0030	.00070	1.0018	.95891	.97615
SDev	.00377	.00072	.0033	.00017	.0037	.00195	.00108
%RSD	.37994	.07250	.32853	23.740	.37431	.20352	.11049
#1	.98836	.99432	1.0053	.00082	1.0045	.95753	.97539
#2	.99368	.99330	1.0006	.00058	.99916	.96029	.97691
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00260	.97364
SDev	.00279	.00162
%RSD	107.54	.16636
#1	.00062	.97250
#2	.00457	.97479
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3618	--	--	--	--	--	--
SDev	3.128982	--	--	--	--	--	--
%RSD	.0864793	--	--	--	--	--	--
#1	3616	--	--	--	--	--	--
#2	3620	--	--	--	--	--	--

Analysis Report 10/04/06 06:22:24 AM page 1

Method: TRACE2 Sample Name: AD657932/PB Operator: AK
Run Time: 10/04/06 06:17:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01052	.00063	.00531	.00045	.00027	.12859	.00039
SDev	.00100	.00061	.00044	.00010	.00003	.01067	.00013
%RSD	9.4802	96.192	8.3185	22.441	11.592	8.3005	33.922
#1	.00982	.00106	.00563	.00052	.00030	.13613	.00049
#2	.01123	.00020	.00500	.00038	.00025	.12104	.00030
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00054	.00057	-.00014	-.02282	-.00665	.00199	.00143
SDev	.00032	.00006	.00013	.00212	.00996	.00002	.00027
%RSD	58.759	10.698	91.572	9.2760	149.81	.74345	19.064
#1	.00031	.00052	-.00005	-.02431	.00039	.00200	.00163
#2	.00076	.00061	-.00023	-.02132	-.01370	.00198	.00124
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00249	.40996	-.00033	.00046	.00086	.00073	-.00246
SDev	.00102	.01985	.00054	.00001	.00122	.00081	.00059
%RSD	41.110	4.8415	164.62	2.6272	141.24	111.10	23.918
#1	.00321	.42400	.00005	.00045	.00172	.00130	-.00205
#2	.00176	.39593	-.00071	.00047	.00000	.00016	-.00288
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00380	-.00448	-.00145	-.00036	.00126	.00022	.00161
SDev	.00251	.00154	.00011	.00008	.00005	.00013	.00001
%RSD	66.023	34.445	7.6614	22.218	4.2972	59.661	.70056
#1	.00558	-.00339	-.00137	-.00030	.00122	.00013	.00160
#2	.00203	-.00557	-.00153	-.00041	.00130	.00031	.00162
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00051	.00022
SDev	.00044	.00015
%RSD	87.611	71.400
#1	.00082	.00011
#2	.00019	.00033
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3861	--	--	--	--	--	--
SDev	20.36471	--	--	--	--	--	--
%RSD	.5274055	--	--	--	--	--	--
#1	3876	--	--	--	--	--	--
#2	3847	--	--	--	--	--	--

Analysis Report 10/04/06 06:27:18 AM page 1

Method: TRACE2 Sample Name: AD657931/FB Operator: AK
Run Time: 10/04/06 06:22:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.7422	.20042	.19199	.19877	.20011	9.5466	.19873
SDev	.0374	.00261	.00085	.00010	.00054	.0081	.00085
%RSD	.38338	1.3013	.44184	.04947	.27160	.08511	.42499
#1	9.7157	.19857	.19139	.19884	.19973	9.5408	.19813
#2	9.7686	.20226	.19259	.19870	.20050	9.5523	.19932
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19657	.20103	.19948	9.8454	9.8357	9.6621	.19937
SDev	.00069	.00094	.00008	.0478	.0336	.0283	.00050
%RSD	.35078	.46844	.03969	.48583	.34126	.29275	.25229
#1	.19608	.20036	.19954	9.8116	9.8120	9.6421	.19901
#2	.19705	.20169	.19943	9.8792	9.8595	9.6821	.19972
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20612	9.7392	.20732	.19859	.19979	.19939	.20182
SDev	.00242	.0507	.00019	.00278	.00015	.00082	.00042
%RSD	1.1719	.52083	.09011	1.3977	.07773	.41161	.20888
#1	.20441	9.7750	.20719	.20055	.19968	.19997	.20152
#2	.20782	9.7033	.20745	.19663	.19990	.19881	.20211
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.23000	11.500	.23000			.23000	.23000
Low	.17000	8.5000	.17000			.17000	.17000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20123	.20095	.20225	.20084	.20255	.21967	.20033
SDev	.00244	.00036	.00045	.00064	.00003	.00076	.00036
%RSD	1.2144	.18078	.22284	.31914	.01610	.34781	.18078
#1	.19950	.20069	.20193	.20039	.20252	.21913	.20007
#2	.20296	.20121	.20257	.20130	.20257	.22021	.20058
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000			.23000	.23000	.23000	.23000
Low	.17000			.17000	.17000	.17000	.17000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.19862	.05091
SDev	.00032	.00013
%RSD	.15933	.25521
#1	.19884	.05081
#2	.19839	.05100
Errors	LC Pass	LC Pass
High	.23000	.05750
Low	.17000	.04250

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3852	--	--	--	--	--	--
SDev	4.454807	--	--	--	--	--	--
%RSD	.1156627	--	--	--	--	--	--
#1	3855	--	--	--	--	--	--
#2	3848	--	--	--	--	--	--

Analysis Report 10/04/06 06:32:11 AM page 1

Method: TRACE2 Sample Name: AD657913 Operator: AK
Run Time: 10/04/06 06:27:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.95115	.03855	.03322	.08368	.00024	52.356	.00081
SDev	.00654	.00171	.00064	.00024	.00002	.281	.00012
%RSD	.68716	4.4470	1.9259	.29320	8.4033	.53644	14.240
#1	.94653	.03977	.03277	.08351	.00025	52.157	.00073
#2	.95577	.03734	.03367	.08385	.00023	52.554	.00089
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00603	.00178	.00575	109.73	1.8321	10.220	1.8481
SDev	.00009	.00005	.00017	.61	.0105	.057	.0101
%RSD	1.4642	3.0421	3.0402	.55465	.57477	.56140	.54770
#1	.00596	.00174	.00563	109.30	1.8246	10.179	1.8410
#2	.00609	.00182	.00588	110.16	1.8395	10.260	1.8553
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00394	6.1246	.00246	-.00087	.00287	.00163	.00118
SDev	.00022	.0663	.00020	.00041	.00083	.00042	.00104
%RSD	5.6589	1.0832	7.9470	47.512	29.000	25.715	87.523
#1	.00379	6.1715	.00233	-.00058	.00228	.00133	.00045
#2	.00410	6.0777	.00260	-.00116	.00346	.00192	.00192
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00412	.00083	.00136	.02723	-.00219	.00219	.00667
SDev	.00186	.00070	.00191	.00089	.00083	.00026	.00048
%RSD	45.083	83.909	140.13	3.2755	37.859	11.713	7.2630
#1	.00543	.00133	.00001	.02660	-.00160	.00201	.00701
#2	.00280	.00034	.00271	.02787	-.00277	.00237	.00632
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00048	-.00049
SDev	.00139	.00024
%RSD	292.10	48.205
#1	-.00051	-.00032
#2	.00146	-.00066
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3850	--	--	--	--	--	--
SDev	11.82643	--	--	--	--	--	--
%RSD	.3072029	--	--	--	--	--	--
#1	3858	--	--	--	--	--	--
#2	3841	--	--	--	--	--	--

Analysis Report QC Standard 10/04/06 06:38:31 AM page 1

Method: TRACE2 Sample Name: CCV Operator: AK
Run Time: 10/04/06 06:33:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.357	.49469	.48978	.50727	.51175	25.186	.49881
SDev	.154	.00204	.00364	.00392	.00351	.204	.00247
%RSD	.60871	.41184	.74212	.77213	.68579	.80857	.49492
#1	25.248	.49325	.48721	.50450	.50927	25.042	.49706
#2	25.467	.49613	.49235	.51004	.51423	25.330	.50055
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49899	.50252	.51043	25.076	25.375	25.196	.51322
SDev	.00251	.00342	.00160	.140	.121	.170	.00240
%RSD	.50388	.67983	.31241	.55774	.47808	.67499	.46731
#1	.49721	.50010	.50930	24.977	25.290	25.076	.51153
#2	.50077	.50493	.51156	25.175	25.461	25.316	.51492
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51580	24.774	.50304	.50649	.50096	.50280	.51111
SDev	.00503	.122	.00242	.00311	.00543	.00465	.00427
%RSD	.97506	.49099	.48180	.61433	1.0829	.92569	.83601
#1	.51224	24.688	.50133	.50429	.49712	.49951	.50809
#2	.51936	24.860	.50476	.50869	.50480	.50609	.51413
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50847	.51562	.50886	.52038	.50857	.50188	.50792
SDev	.00364	.00123	.00579	.00392	.00717	.00280	.00323
%RSD	.71652	.23815	1.1389	.75286	1.4092	.55688	.63540
#1	.50590	.51475	.50476	.51761	.50350	.49991	.50564
#2	.51105	.51649	.51296	.52315	.51363	.50386	.51020
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.51277	.50553
SDev	.00519	.00286
%RSD	1.0116	.56573
#1	.50910	.50351
#2	.51644	.50756
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3814	--	--	--	--	--	--
SDev	8.538452	--	--	--	--	--	--
%RSD	.2238662	--	--	--	--	--	--
#1	3820	--	--	--	--	--	--
#2	3808	--	--	--	--	--	--

Analysis Report Blank Sample 10/04/06 06:43:26 AM page 1

Method: TRACE2 Sample Name: CCB Operator: AK
Run Time: 10/04/06 06:38:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01299	.00092	.00088	.00016	.00029	-.00114	.00030
SDev	.00143	.00120	.00004	.00004	.00001	.00214	.00004
%RSD	11.010	130.50	4.8737	22.767	2.0353	187.13	12.491
#1	-.01198	.00177	.00085	.00013	.00029	.00037	.00032
#2	-.01400	.00007	.00091	.00018	.00030	-.00266	.00027
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00048	.00017	-.00032	-.00126	-.00266	.00559	.00026
SDev	.00015	.00029	.00036	.00483	.00712	.00171	.00001
%RSD	30.856	167.15	111.83	383.63	268.02	30.572	4.9219
#1	.00059	.00037	-.00007	-.00468	.00238	.00438	.00027
#2	.00038	-.00003	-.00057	.00216	-.00769	.00679	.00025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00140	.10757	-.00002	-.00043	.00049	.00019	-.00290
SDev	.00012	.04951	.00069	.00267	.00111	.00015	.00108
%RSD	8.3516	46.022	3507.3	627.87	224.49	80.981	37.131
#1	.00149	.07257	.00047	-.00232	.00128	.00008	-.00366
#2	.00132	.14258	-.00051	.00146	-.00029	.00029	-.00214
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00322	-.00192	-.00338	.00015	.00037	.00041	.00016
SDev	.00247	.00372	.00025	.00012	.00090	.00026	.00026
%RSD	76.704	193.85	7.3306	80.156	243.14	63.173	157.99
#1	.00497	-.00455	-.00321	.00006	.00101	.00059	.00035
#2	.00147	.00071	-.00356	.00023	-.00027	.00023	-.00002
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00037	.00045
SDev	.00071	.00026
%RSD	191.13	58.097
#1	.00088	.00064
#2	-.00013	.00027
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3806	--	--	--	--	--	--
SDev	3.765309	--	--	--	--	--	--
%RSD	.0989370	--	--	--	--	--	--
#1	3808	--	--	--	--	--	--
#2	3803	--	--	--	--	--	--

Analysis Report 10/04/06 06:48:20 AM page 1

Method: TRACE2 Sample Name: AD657914 Operator: AK
Run Time: 10/04/06 06:43:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1292	.00196	.01256	.11366	.00015	64.976	.00006
SDev	.0001	.00082	.00020	.00021	.00000	.200	.00019
%RSD	.00537	42.068	1.5897	.18951	2.4038	.30794	326.94
#1	1.1292	.00254	.01270	.11350	.00015	64.834	.00019
#2	1.1293	.00137	.01242	.11381	.00015	65.117	-.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00315	.00164	.00127	11.052	1.1759	15.360	.71613
SDev	.00034	.00018	.00025	.034	.0064	.052	.00244
%RSD	10.771	10.885	19.461	.31164	.54151	.34002	.34060
#1	.00339	.00176	.00144	11.028	1.1804	15.323	.71440
#2	.00291	.00151	.00109	11.077	1.1714	15.397	.71785
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00049	58.440	.00364	-.00162	.00107	.00017	-.00103
SDev	.00030	.209	.00040	.00024	.00061	.00049	.00081
%RSD	61.232	.35768	10.893	14.987	57.506	282.55	78.433
#1	.00070	58.292	.00392	-.00145	.00150	.00052	-.00161
#2	.00028	58.587	.00336	-.00179	.00063	-.00017	-.00046
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00059	.00211	-.00260	.03064	-.00179	.00281	.00857
SDev	.00058	.00173	.00035	.00069	.00090	.00006	.00018
%RSD	98.555	82.149	13.457	2.2437	50.329	2.1580	2.1388
#1	.00100	.00088	-.00285	.03112	-.00116	.00285	.00870
#2	.00018	.00333	-.00235	.03015	-.00243	.00276	.00844
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00185	.00013
SDev	.00060	.00002
%RSD	32.590	18.185
#1	-.00228	.00014
#2	-.00142	.00011
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3828	--	--	--	--	--	--
SDev	4.560977	--	--	--	--	--	--
%RSD	.1191548	--	--	--	--	--	--
#1	3831	--	--	--	--	--	--
#2	3825	--	--	--	--	--	--

Analysis Report 10/04/06 06:53:14 AM page 1

Method: TRACE2 Sample Name: AD657915 Operator: AK
Run Time: 10/04/06 06:48:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16857	.00133	.01812	.12207	.00010	92.455	.00014
SDev	.00033	.00210	.00054	.00025	.00002	.202	.00010
%RSD	.19629	158.65	2.9763	.20487	24.596	.21834	67.770
#1	.16833	.00281	.01774	.12189	.00011	92.312	.00007
#2	.16880	-.00016	.01850	.12225	.00008	92.598	.00021
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00547	.00044	.00090	29.325	.80077	18.899	2.9460
SDev	.00017	.00022	.00031	.143	.01331	.058	.0113
%RSD	3.1903	49.346	34.909	.48863	1.6619	.30499	.38394
#1	.00560	.00059	.00067	29.224	.81018	18.858	2.9380
#2	.00535	.00029	.00112	29.427	.79136	18.939	2.9540
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00010	26.806	.00181	-.00152	.00275	.00133	-.00444
SDev	.00032	.057	.00028	.00018	.00096	.00058	.00034
%RSD	332.71	.21138	15.212	11.852	34.862	43.604	7.6955
#1	.00013	26.846	.00201	-.00139	.00207	.00092	-.00468
#2	-.00033	26.766	.00162	-.00164	.00343	.00174	-.00420
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00070	-.00753	-.00290	.00458	-.00238	.00013	.00298
SDev	.00102	.00227	.00165	.00008	.00001	.00006	.00019
%RSD	144.54	30.163	56.797	1.6954	.53454	44.547	6.4014
#1	.00142	-.00592	-.00407	.00463	-.00239	.00009	.00311
#2	-.00002	-.00913	-.00174	.00452	-.00237	.00018	.00284
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00048	-.00012
SDev	.00134	.00017
%RSD	277.29	135.07
#1	.00046	-.00001
#2	-.00143	-.00024
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3822	--	--	--	--	--	--
SDev	2.121320	--	--	--	--	--	--
%RSD	.0555061	--	--	--	--	--	--
#1	3820	--	--	--	--	--	--
#2	3823	--	--	--	--	--	--

Analysis Report 10/04/06 06:58:08 AM page 1

Method: TRACE2 Sample Name: AD657916 Operator: AK
Run Time: 10/04/06 06:53:19
Comment:
Mode: CONC Corr. Factor: 3

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04244	.02108	.05458	.19121	.00019	240.43	.00118
SDev	.00041	.00308	.00412	.00129	.00003	2.04	.00009
%RSD	.96113	14.617	7.5508	.67485	17.502	.84807	7.6197
#1	.04215	.01890	.05166	.19030	.00017	238.99	.00112
#2	.04273	.02326	.05749	.19212	.00021	241.87	.00124
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01424	.00198	.00145	223.19	7.4977	58.038	6.8227
SDev	.00112	.00034	.00035	2.18	.0336	.493	.0651
%RSD	7.8945	16.980	24.128	.97517	.44794	.84990	.95460
#1	.01344	.00175	.00121	221.65	7.4739	57.689	6.7767
#2	.01503	.00222	.00170	224.73	7.5214	58.387	6.8688
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00050	27.334	.00121	-.01172	.00606	.00014	-.00208
SDev	.00071	.235	.00066	.00758	.00492	.00076	.01073
%RSD	142.98	.85902	54.380	64.669	81.145	541.92	515.02
#1	-.00100	27.167	.00167	-.00636	.00258	-.00040	.00551
#2	.00001	27.500	.00074	-.01709	.00954	.00067	-.00967
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00206	-.00398	-.00114	.00517	-.00758	.00411	.00923
SDev	.00961	.02482	.00369	.00028	.00324	.00022	.00108
%RSD	467.38	623.64	324.73	5.4106	42.805	5.3653	11.677
#1	-.00885	.01357	.00147	.00537	-.00529	.00395	.00847
#2	.00474	-.02153	-.00374	.00497	-.00988	.00427	.00999
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00311	-.00189
SDev	.00034	.00044
%RSD	10.984	23.209
#1	-.00287	-.00158
#2	-.00335	-.00220
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3819	--	--	--	--	--	--
SDev	28.21366	--	--	--	--	--	--
%RSD	.7387854	--	--	--	--	--	--
#1	3839	--	--	--	--	--	--
#2	3799	--	--	--	--	--	--

Analysis Report 10/04/06 07:03:03 AM page 1

Method: TRACE2 Sample Name: AD657916/L (1:5) Operator: AK
Run Time: 10/04/06 06:58:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01870	.00084	.00273	.01262	.00001	16.094	-.00000
SDev	.00168	.00218	.00057	.00001	.00001	.111	.00000
%RSD	8.9671	259.29	20.863	.11255	96.574	.68839	161.61
#1	-.01989	-.00070	.00232	.01261	.00000	16.016	.00000
#2	-.01751	.00238	.00313	.01263	.00002	16.172	-.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00071	-.00024	-.00001	15.198	.45668	3.9172	.46568
SDev	.00057	.00034	.00005	.104	.00272	.0277	.00258
%RSD	80.144	144.85	469.11	.68757	.59601	.70663	.55367
#1	.00031	-.00048	.00003	15.124	.45860	3.8976	.46385
#2	.00111	.00001	-.00005	15.272	.45475	3.9368	.46750
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00031	1.7226	-.00071	-.00007	.00138	.00090	-.00041
SDev	.00019	.0384	.00050	.00052	.00003	.00015	.00076
%RSD	62.283	2.2305	69.791	779.11	2.1156	17.056	186.39
#1	-.00017	1.7498	-.00106	.00030	.00135	.00100	-.00095
#2	-.00045	1.6955	-.00036	-.00043	.00140	.00079	.00013
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00069	-.00127	.00002	.00000	-.00207	-.00017	.00046
SDev	.00169	.00162	.00195	.00016	.00020	.00019	.00020
%RSD	245.45	127.43	8626.1	120050.	9.6802	111.81	43.230
#1	.00189	-.00013	-.00135	-.00011	-.00192	-.00031	.00032
#2	-.00051	-.00241	.00140	.00011	-.00221	-.00004	.00061
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00029	-.00030
SDev	.00046	.00013
%RSD	158.71	43.756
#1	-.00062	-.00021
#2	.00004	-.00039
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3812	--	--	--	--	--	--
SDev	11.87943	--	--	--	--	--	--
%RSD	.3116120	--	--	--	--	--	--
#1	3821	--	--	--	--	--	--
#2	3804	--	--	--	--	--	--

Analysis Report 10/04/06 07:07:58 AM page 1

Method: TRACE2 Sample Name: AD657916/PS Operator: AK
Run Time: 10/04/06 07:03:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.222	.21065	.21542	.27312	.20529	88.671	.20388
SDev	.061	.00309	.00113	.00183	.00112	.584	.00104
%RSD	.60138	1.4676	.52710	.66845	.54622	.65889	.50838
#1	10.178	.20847	.21462	.27183	.20449	88.258	.20315
#2	10.265	.21284	.21623	.27442	.20608	89.084	.20461
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20485	.20557	.20963	82.820	13.103	29.343	2.4262
SDev	.00087	.00047	.00123	.314	.042	.142	.0097
%RSD	.42286	.22766	.58540	.37931	.31782	.48325	.40025
#1	.20423	.20523	.20876	82.597	13.073	29.242	2.4193
#2	.20546	.20590	.21050	83.042	13.132	29.443	2.4330
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20897	19.157	.20540	.20637	.20576	.20597	.20859
SDev	.00179	.049	.00123	.00217	.00382	.00183	.00398
%RSD	.85717	.25703	.59996	1.0511	1.8589	.88793	1.9060
#1	.20771	19.192	.20453	.20790	.20306	.20467	.20578
#2	.21024	19.122	.20627	.20484	.20847	.20726	.21140
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20957	.21204	.20687	.21236	.20353	.20695	.20354
SDev	.00076	.00118	.00537	.00150	.00035	.00145	.00107
%RSD	.36012	.55829	2.5968	.70485	.17305	.70204	.52691
#1	.20904	.21120	.20307	.21131	.20328	.20592	.20279
#2	.21010	.21287	.21067	.21342	.20378	.20798	.20430
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20383	.05168
SDev	.00169	.00012
%RSD	.83115	.23565
#1	.20502	.05177
#2	.20263	.05160
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3826	--	--	--	--	--	--
SDev	10.28844	--	--	--	--	--	--
%RSD	.2688944	--	--	--	--	--	--
#1	3833	--	--	--	--	--	--
#2	3819	--	--	--	--	--	--

Analysis Report 10/04/06 07:12:53 AM page 1

Method: TRACE2 Sample Name: AD657917/MS Operator: AK
Run Time: 10/04/06 07:08:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.142	.20503	.21114	.27497	.20147	90.929	.19616
SDev	.060	.00100	.00277	.00179	.00097	.649	.00106
%RSD	.59186	.48598	1.3117	.64941	.48247	.71428	.53854
#1	10.100	.20433	.20918	.27371	.20079	90.469	.19542
#2	10.184	.20574	.21310	.27623	.20216	91.388	.19691
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19952	.19981	.20254	84.492	12.993	29.223	2.4566
SDev	.00085	.00140	.00108	.345	.032	.147	.0088
%RSD	.42643	.69917	.53083	.40838	.24340	.50340	.35679
#1	.19891	.19883	.20178	84.248	12.971	29.119	2.4504
#2	.20012	.20080	.20330	84.736	13.015	29.327	2.4628
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20771	19.287	.20664	.19583	.19905	.19798	.20434
SDev	.00110	.089	.00063	.00090	.00515	.00314	.00537
%RSD	.52913	.45994	.30337	.45955	2.5887	1.5846	2.6269
#1	.20693	19.225	.20619	.19647	.19540	.19576	.20814
#2	.20848	19.350	.20708	.19519	.20269	.20019	.20055
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20683	.20255	.20524	.20650	.19694	.22317	.19961
SDev	.00037	.01471	.00069	.00112	.00093	.00179	.00117
%RSD	.17846	7.2642	.33855	.54150	.47225	.80065	.58448
#1	.20657	.21296	.20573	.20571	.19760	.22190	.19879
#2	.20709	.19215	.20475	.20729	.19628	.22443	.20044
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.19999	.05114
SDev	.00130	.00031
%RSD	.65088	.60394
#1	.19907	.05136
#2	.20092	.05093
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3822	--	--	--	--	--	--
SDev	9.757936	--	--	--	--	--	--
%RSD	.2553247	--	--	--	--	--	--
#1	3829	--	--	--	--	--	--
#2	3815	--	--	--	--	--	--

Analysis Report 10/04/06 07:17:45 AM page 1

Method: TRACE2 Sample Name: AD657918/SD Operator: AK
Run Time: 10/04/06 07:12:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.250	.21102	.21256	.28004	.20491	92.801	.19894
SDev	.089	.00091	.00118	.00193	.00173	.808	.00179
%RSD	.87221	.43317	.55364	.68782	.84442	.87082	.90254
#1	10.186	.21038	.21173	.27868	.20368	92.229	.19767
#2	10.313	.21167	.21339	.28140	.20613	93.372	.20021
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20228	.20289	.20632	85.317	13.100	29.686	2.4892
SDev	.00173	.00250	.00161	.788	.100	.251	.0226
%RSD	.85465	1.2336	.78003	.92322	.76416	.84464	.90754
#1	.20106	.20112	.20519	84.760	13.029	29.508	2.4732
#2	.20351	.20466	.20746	85.874	13.171	29.863	2.5051
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21049	19.758	.20976	.19839	.20273	.20129	.20724
SDev	.00259	.025	.00129	.00109	.00127	.00121	.00096
%RSD	1.2303	.12608	.61683	.54993	.62573	.60085	.46334
#1	.20866	19.741	.20885	.19762	.20183	.20043	.20656
#2	.21232	19.776	.21068	.19916	.20363	.20214	.20792
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20801	.20328	.20922	.21167	.20155	.22743	.20201
SDev	.00360	.00002	.00143	.00180	.00298	.00238	.00185
%RSD	1.7321	.00864	.68425	.85027	1.4797	1.0460	.91587
#1	.20546	.20327	.20821	.21040	.19944	.22575	.20071
#2	.21055	.20330	.21023	.21294	.20366	.22911	.20332
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20745	.05205
SDev	.00003	.00017
%RSD	.01403	.31839
#1	.20743	.05194
#2	.20747	.05217
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3806	--	--	--	--	--	--
SDev	17.28890	--	--	--	--	--	--
%RSD	.4542060	--	--	--	--	--	--
#1	3819	--	--	--	--	--	--
#2	3794	--	--	--	--	--	--

Analysis Report 10/04/06 07:22:38 AM page 1

Method: TRACE2 Sample Name: AD657919 Operator: AK
Run Time: 10/04/06 07:17:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11460	.00485	.01576	.01271	.00009	63.547	.00001
SDev	.00052	.00106	.00030	.00003	.00000	.117	.00008
%RSD	.45618	21.844	1.9374	.25537	.76337	.18399	1402.0
#1	.11423	.00559	.01555	.01274	.00009	63.464	-.00005
#2	.11497	.00410	.01598	.01269	.00009	63.630	.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00699	.00079	-.00037	50.398	.37116	16.534	3.1217
SDev	.00046	.00011	.00022	.213	.00175	.038	.0109
%RSD	6.6408	13.541	60.337	.42339	.47128	.23037	.34905
#1	.00666	.00072	-.00053	50.248	.37239	16.507	3.1140
#2	.00732	.00087	-.00021	50.549	.36992	16.561	3.1294
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00070	11.477	.00067	-.00397	.00136	-.00042	-.00050
SDev	.00003	.029	.00018	.00033	.00110	.00084	.00083
%RSD	4.1437	.25180	27.109	8.2278	81.230	201.66	163.92
#1	.00068	11.497	.00080	-.00420	.00058	-.00101	.00008
#2	.00072	11.456	.00054	-.00374	.00213	.00018	-.00109
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00167	.00043	-.00097	.00403	.00022	.00063	.00346
SDev	.00023	.00144	.00052	.00053	.00064	.00019	.00005
%RSD	13.572	332.61	53.676	13.075	291.07	30.834	1.4090
#1	.00151	.00145	-.00060	.00440	.00067	.00049	.00349
#2	.00183	-.00058	-.00134	.00366	-.00023	.00077	.00342
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00038	-.00044
SDev	.00106	.00012
%RSD	277.44	26.943
#1	-.00113	-.00036
#2	.00037	-.00053
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3852	--	--	--	--	--	--
SDev	14.84924	--	--	--	--	--	--
%RSD	.3855019	--	--	--	--	--	--
#1	3862	--	--	--	--	--	--
#2	3841	--	--	--	--	--	--

Analysis Report 10/04/06 07:27:31 AM page 1

Method: TRACE2 Sample Name: AD657920 Operator: AK
Run Time: 10/04/06 07:22:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.040	.01186	.05694	.08122	.00032	26.684	-.00010
SDev	.062	.00072	.00063	.00019	.00001	.140	.00005
%RSD	.61878	6.0712	1.1071	.23072	2.0950	.52441	48.282
#1	9.9963	.01135	.05650	.08108	.00032	26.585	-.00013
#2	10.084	.01237	.05739	.08135	.00033	26.783	-.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00421	.01234	.01695	10.293	2.8215	10.730	.18861
SDev	.00033	.00017	.00027	.082	.0049	.070	.00101
%RSD	7.7590	1.3523	1.5767	.79329	.17449	.65329	.53488
#1	.00398	.01222	.01676	10.235	2.8180	10.680	.18789
#2	.00444	.01246	.01714	10.351	2.8250	10.780	.18932
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00278	28.507	.00886	.00383	.00731	.00615	-.00255
SDev	.00021	.107	.00052	.00046	.00109	.00057	.00078
%RSD	7.6827	.37586	5.8560	12.117	14.872	9.2721	30.475
#1	.00263	28.431	.00850	.00416	.00654	.00575	-.00200
#2	.00293	28.583	.00923	.00350	.00807	.00655	-.00310
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00099	-.00145	-.00310	.22097	.00066	.01601	.03151
SDev	.00225	.00173	.00030	.00160	.00083	.00017	.00035
%RSD	227.84	119.63	9.6243	.72225	125.44	1.0819	1.1112
#1	.00258	-.00022	-.00289	.22210	.00007	.01589	.03126
#2	-.00060	-.00268	-.00331	.21984	.00124	.01614	.03175
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00123	-.00040
SDev	.00125	.00006
%RSD	101.82	14.791
#1	-.00034	-.00035
#2	-.00212	-.00044
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3912	--	--	--	--	--	--
SDev	11.45510	--	--	--	--	--	--
%RSD	.2927969	--	--	--	--	--	--
#1	3920	--	--	--	--	--	--
#2	3904	--	--	--	--	--	--

Analysis Report 10/04/06 07:32:24 AM page 1

Method: TRACE2 Sample Name: AD657921 Operator: AK
Run Time: 10/04/06 07:27:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00918	.00152	.04445	.79046	.00011	172.17	.00064
SDev	.00243	.00099	.00097	.00286	.00003	1.55	.00009
%RSD	26.460	65.153	2.1726	.36238	24.545	.90035	13.722
#1	.01090	.00222	.04377	.78844	.00009	171.08	.00058
#2	.00746	.00082	.04513	.79249	.00013	173.27	.00070
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00070	.00474	.00061	87.053	3.9794	32.436	.22950
SDev	.00019	.00003	.00001	1.013	.0159	.344	.00229
%RSD	27.924	.54928	.75681	1.1632	.40051	1.0620	.99602
#1	.00083	.00476	.00060	86.337	3.9681	32.192	.22788
#2	.00056	.00473	.00061	87.769	3.9907	32.679	.23112
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00042	7.8133	.00008	-.00185	.00143	.00034	.00038
SDev	.00015	.2039	.00018	.00011	.00198	.00129	.00053
%RSD	35.356	2.6098	224.60	6.0807	138.67	378.40	137.10
#1	-.00053	7.6691	.00021	-.00192	.00283	.00125	.00076
#2	-.00032	7.9575	-.00005	-.00177	.00003	-.00057	.00001
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	-.00000	.00058	.00081	-.00156	.00019	.00144
SDev	.00081	.00349	.00254	.00002	.00285	.00001	.00010
%RSD	1050.8	85254.	437.86	2.9410	182.37	3.6814	6.7970
#1	-.00049	-.00247	.00237	.00080	-.00357	.00020	.00151
#2	.00065	.00246	-.00121	.00083	.00045	.00019	.00137
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00162	-.00008
SDev	.00077	.00015
%RSD	47.591	188.47
#1	.00216	-.00019
#2	.00107	.00003
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3852	--	--	--	--	--	--
SDev	23.70569	--	--	--	--	--	--
%RSD	.6154663	--	--	--	--	--	--
#1	3868	--	--	--	--	--	--
#2	3835	--	--	--	--	--	--

Analysis Report QC Standard 10/04/06 07:38:44 AM page 1

Method: TRACE2 Sample Name: CCV Operator: AK
Run Time: 10/04/06 07:33:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.109	.48948	.48752	.49911	.50750	24.941	.49599
SDev	.127	.00454	.00232	.00251	.00241	.141	.00179
%RSD	.50463	.92697	.47620	.50305	.47389	.56369	.36073
#1	25.020	.48627	.48587	.49734	.50580	24.842	.49473
#2	25.199	.49269	.48916	.50089	.50920	25.041	.49726
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49669	.49919	.50468	24.906	25.220	25.051	.50998
SDev	.00160	.00205	.00171	.096	.071	.120	.00167
%RSD	.32237	.41040	.33921	.38353	.28017	.47838	.32831
#1	.49556	.49775	.50347	24.839	25.170	24.966	.50880
#2	.49782	.50064	.50589	24.974	25.270	25.135	.51116
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51200	24.371	.49989	.50404	.49796	.49999	.50812
SDev	.00410	.098	.00286	.00039	.00320	.00227	.00099
%RSD	.80042	.40125	.57217	.07709	.64352	.45337	.19528
#1	.50910	24.302	.49786	.50377	.49569	.49838	.50882
#2	.51490	24.440	.50191	.50432	.50023	.50159	.50741
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50393	.50936	.50750	.51361	.50430	.49702	.50520
SDev	.00262	.00476	.00089	.00330	.00653	.00272	.00264
%RSD	.51942	.93510	.17598	.64338	1.2956	.54829	.52249
#1	.50208	.51272	.50687	.51127	.49968	.49510	.50333
#2	.50578	.50599	.50814	.51595	.50892	.49895	.50706
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50976	.50152
SDev	.00161	.00184
%RSD	.31581	.36636
#1	.50863	.50022
#2	.51090	.50282
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3846	--	--	--	--	--	--
SDev	1.856155	--	--	--	--	--	--
%RSD	.0482605	--	--	--	--	--	--
#1	3847	--	--	--	--	--	--
#2	3845	--	--	--	--	--	--

Analysis Report Blank Sample 10/04/06 07:43:39 AM page 1

Method: TRACE2 Sample Name: CCB Operator: AK
Run Time: 10/04/06 07:38:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02255	.00055	-.00104	-.00017	.00006	-.01519	.00000
SDev	.00149	.00058	.00010	.00001	.00001	.00123	.00003
%RSD	6.6087	105.74	9.1636	5.6969	14.992	8.0710	1060.2
#1	-.02149	.00014	-.00097	-.00017	.00007	-.01432	.00002
#2	-.02360	.00096	-.00110	-.00016	.00006	-.01605	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00010	-.00039	-.00083	-.01873	-.01212	-.00390	-.00010
SDev	.00029	.00030	.00037	.01316	.01915	.00543	.00001
%RSD	290.56	76.685	44.592	70.268	158.02	139.03	12.457
#1	.00011	-.00018	-.00057	-.00942	.00142	-.00007	-.00009
#2	-.00031	-.00061	-.00109	-.02804	-.02567	-.00774	-.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00052	-.16422	-.00050	-.00114	.00203	.00098	-.00275
SDev	.00124	.01437	.00016	.00134	.00080	.00098	.00233
%RSD	237.81	8.7494	32.638	117.25	39.543	100.50	84.599
#1	.00140	-.15406	-.00039	-.00019	.00260	.00167	-.00111
#2	-.00036	-.17438	-.00062	-.00208	.00146	.00028	-.00440
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00077	-.00229	-.00298	-.00054	-.00113	-.00028	-.00025
SDev	.00046	.00511	.00094	.00026	.00063	.00006	.00006
%RSD	59.070	223.29	31.370	48.261	56.040	22.878	25.206
#1	.00045	.00133	-.00232	-.00036	-.00158	-.00023	-.00021
#2	.00109	-.00591	-.00365	-.00073	-.00068	-.00032	-.00030
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00100	-.00082
SDev	.00019	.00012
%RSD	19.307	14.463
#1	-.00114	-.00074
#2	-.00087	-.00091
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3857	--	--	--	--	--	--
SDev	8.538279	--	--	--	--	--	--
%RSD	.2213631	--	--	--	--	--	--
#1	3863	--	--	--	--	--	--
#2	3851	--	--	--	--	--	--

Analysis Report 10/04/06 07:48:32 AM page 1

Method: TRACE2 Sample Name: AD657922 Operator: AK
Run Time: 10/04/06 07:43:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01236	.00015	.04618	.83924	.00018	180.47	.00008
SDev	.00352	.00148	.00025	.00173	.00002	.69	.00001
%RSD	28.501	976.38	.53194	.20650	9.7634	.38352	7.7591
#1	.00987	-.00090	.04601	.83801	.00017	179.98	.00008
#2	.01485	.00120	.04635	.84046	.00020	180.96	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00064	.00484	-.00010	89.532	4.0838	33.600	.23577
SDev	.00027	.00009	.00056	.374	.0102	.126	.00118
%RSD	42.304	1.8182	583.28	.41746	.24967	.37394	.49862
#1	.00045	.00478	-.00049	89.268	4.0766	33.512	.23494
#2	.00083	.00491	.00030	89.797	4.0910	33.689	.23660
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	8.1773	-.00001	-.00255	.00230	.00068	-.00013
SDev	.00002	.0195	.00048	.00201	.00113	.00009	.00247
%RSD	73.133	.23813	6542.4	78.687	49.211	12.496	1835.1
#1	-.00001	8.1635	-.00035	-.00113	.00150	.00062	.00161
#2	-.00004	8.1911	.00033	-.00397	.00310	.00074	-.00188
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00087	.00264	-.00152	.00082	-.00123	.00007	.00130
SDev	.00205	.00490	.00126	.00020	.00238	.00051	.00034
%RSD	235.24	186.06	82.601	24.912	193.14	724.92	25.982
#1	-.00058	.00611	-.00063	.00068	.00045	-.00029	.00106
#2	.00233	-.00083	-.00241	.00096	-.00292	.00043	.00153
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00023	-.00024
SDev	.00041	.00038
%RSD	179.59	158.27
#1	-.00052	-.00051
#2	.00006	.00003
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3817	--	--	--	--	--	--
SDev	8.803445	--	--	--	--	--	--
%RSD	.2306166	--	--	--	--	--	--
#1	3824	--	--	--	--	--	--
#2	3811	--	--	--	--	--	--

Analysis Report 10/04/06 07:53:26 AM page 1

Method: TRACE2 Sample Name: AD657923 Operator: AK
Run Time: 10/04/06 07:48:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00862	.00260	.03997	.82494	.00014	209.67	.00008
SDev	.00267	.00042	.00110	.00629	.00001	1.81	.00009
%RSD	30.981	16.374	2.7430	.76258	9.1840	.86325	105.22
#1	.00673	.00290	.03919	.82049	.00013	208.39	.00015
#2	.01050	.00230	.04074	.82938	.00015	210.95	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00040	.00137	.00027	78.645	2.2714	40.605	.25924
SDev	.00017	.00018	.00003	.753	.0026	.342	.00270
%RSD	42.737	13.365	10.694	.95689	.11354	.84123	1.0412
#1	.00028	.00124	.00025	78.113	2.2696	40.363	.25733
#2	.00052	.00149	.00029	79.177	2.2732	40.846	.26115
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00051	7.9486	.00013	-.00229	.00240	.00084	-.00266
SDev	.00026	.0623	.00002	.00122	.00019	.00028	.00026
%RSD	52.377	.78391	13.964	53.137	7.7711	33.489	9.8157
#1	-.00032	7.9927	.00014	-.00143	.00227	.00104	-.00248
#2	-.00069	7.9046	.00011	-.00315	.00253	.00064	-.00285
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00080	-.00468	-.00165	.00014	-.00224	-.00050	.00178
SDev	.00126	.00147	.00113	.00001	.00014	.00039	.00004
%RSD	157.08	31.292	68.054	10.102	6.0546	77.878	2.3113
#1	.00169	-.00572	-.00086	.00013	-.00234	-.00023	.00180
#2	-.00009	-.00365	-.00245	.00015	-.00215	-.00078	.00175
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00045	-.00023
SDev	.00029	.00027
%RSD	64.007	117.12
#1	.00065	-.00004
#2	.00025	-.00043
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3823	--	--	--	--	--	--
SDev	26.62250	--	--	--	--	--	--
%RSD	.6963407	--	--	--	--	--	--
#1	3842	--	--	--	--	--	--
#2	3804	--	--	--	--	--	--

Analysis Report 10/04/06 07:58:20 AM page 1

Method: TRACE2 Sample Name: AD657924 Operator: AK
Run Time: 10/04/06 07:53:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00242	.00342	.03331	.93254	.00009	191.80	.00036
SDev	.00384	.00027	.00049	.00543	.00001	.42	.00006
%RSD	158.66	7.9484	1.4564	.58205	6.1190	.21726	16.665
#1	-.00513	.00323	.03365	.93638	.00009	192.09	.00040
#2	.00029	.00361	.03297	.92870	.00009	191.51	.00031
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00048	.00154	.00032	91.177	3.4968	37.748	.40000
SDev	.00027	.00021	.00039	.097	.0026	.049	.00033
%RSD	55.730	13.961	122.23	.10652	.07443	.12864	.08240
#1	.00029	.00139	.00004	91.246	3.4987	37.783	.40023
#2	.00067	.00169	.00060	91.108	3.4950	37.714	.39977
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	7.0126	.00011	-.00221	.00182	.00048	-.00115
SDev	.00050	.0191	.00016	.00056	.00222	.00167	.00340
%RSD	259.67	.27210	152.13	25.398	121.87	347.70	295.58
#1	.00054	7.0261	-.00001	-.00181	.00339	.00166	.00126
#2	-.00016	6.9991	.00022	-.00261	.00025	-.00070	-.00356
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00095	-.00190	-.00078	.00015	-.00121	-.00066	.00147
SDev	.00263	.00203	.00409	.00005	.00195	.00019	.00019
%RSD	277.45	107.18	525.16	34.948	160.83	29.122	13.154
#1	-.00091	-.00046	.00211	.00011	-.00259	-.00053	.00133
#2	.00281	-.00334	-.00367	.00019	.00017	-.00080	.00161
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00009	-.00030
SDev	.00020	.00025
%RSD	231.49	82.914
#1	-.00022	-.00048
#2	.00005	-.00012
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3845	--	--	--	--	--	--
SDev	6.947290	--	--	--	--	--	--
%RSD	.1807019	--	--	--	--	--	--
#1	3840	--	--	--	--	--	--
#2	3850	--	--	--	--	--	--

Analysis Report 10/04/06 08:03:14 AM page 1

Method: TRACE2 Sample Name: AD657925 Operator: AK
Run Time: 10/04/06 07:58:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00045	.00489	.03422	.94115	.00013	201.63	.00067
SDev	.00020	.00028	.00055	.00226	.00002	1.07	.00000
%RSD	44.201	5.6410	1.5988	.24014	15.743	.53234	.21137
#1	.00031	.00470	.03383	.93955	.00011	200.87	.00067
#2	.00060	.00509	.03460	.94275	.00014	202.39	.00067
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00111	.00185	.00104	93.801	3.6564	36.828	.42078
SDev	.00008	.00025	.00038	.564	.0137	.197	.00242
%RSD	6.8681	13.408	36.653	.60167	.37538	.53466	.57527
#1	.00106	.00168	.00077	93.402	3.6467	36.689	.41907
#2	.00117	.00203	.00131	94.200	3.6662	36.968	.42249
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00033	7.4016	-.00006	-.00184	.00358	.00177	-.00168
SDev	.00043	.0818	.00009	.00005	.00158	.00104	.00139
%RSD	129.35	1.1049	143.31	2.8918	44.217	58.528	82.542
#1	-.00003	7.4594	.00000	-.00181	.00246	.00104	-.00070
#2	-.00064	7.3438	-.00013	-.00188	.00470	.00251	-.00266
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00143	-.00389	-.00058	.00011	-.00175	-.00065	.00174
SDev	.00202	.00017	.00217	.00003	.00567	.00001	.00008
%RSD	141.41	4.3519	374.77	27.958	324.07	.88794	4.7439
#1	.00000	-.00401	.00095	.00013	.00226	-.00065	.00168
#2	.00286	-.00377	-.00211	.00009	-.00576	-.00065	.00180
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00051	-.00003
SDev	.00047	.00059
%RSD	92.097	1926.0
#1	.00084	.00038
#2	.00018	-.00045
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3789	--	--	--	--	--	--
SDev	14.69025	--	--	--	--	--	--
%RSD	.3876579	--	--	--	--	--	--
#1	3800	--	--	--	--	--	--
#2	3779	--	--	--	--	--	--

Analysis Report 10/04/06 08:08:08 AM page 1

Method: TRACE2 Sample Name: AD657926 Operator: AK
Run Time: 10/04/06 08:03:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05449	.00072	.01820	.09153	.00003	158.22	.00019
SDev	.00038	.00164	.00088	.00027	.00001	.80	.00010
%RSD	.69503	226.20	4.8427	.29976	47.689	.50600	52.143
#1	.05422	-.00043	.01882	.09134	.00002	157.65	.00026
#2	.05476	.00188	.01758	.09173	.00004	158.78	.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00009	.00009	.00149	24.661	16.547	29.912	.79422
SDev	.00019	.00003	.00016	.135	.050	.169	.00389
%RSD	226.67	33.594	10.832	.54835	.30042	.56586	.48938
#1	-.00005	.00007	.00138	24.565	16.512	29.792	.79147
#2	.00022	.00011	.00160	24.757	16.582	30.032	.79697
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00076	13.815	-.00054	.00083	.00114	.00104	.00006
SDev	.00038	.006	.00036	.00097	.00024	.00016	.00035
%RSD	49.980	.04268	66.289	116.33	21.553	15.329	622.79
#1	-.00049	13.819	-.00079	.00152	.00096	.00115	.00031
#2	-.00102	13.811	-.00029	.00015	.00131	.00092	-.00019
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00152	.00250	-.00116	-.00029	-.00045	-.00048	.00586
SDev	.00108	.00268	.00081	.00007	.00006	.00045	.00002
%RSD	71.386	107.26	69.765	22.579	12.810	92.616	.32747
#1	-.00228	.00439	-.00174	-.00025	-.00049	-.00080	.00585
#2	-.00075	.00060	-.00059	-.00034	-.00041	-.00017	.00588
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00100	-.00042
SDev	.00047	.00027
%RSD	47.464	65.528
#1	-.00066	-.00022
#2	-.00133	-.00061
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3826	--	--	--	--	--	--
SDev	9.758108	--	--	--	--	--	--
%RSD	.2550589	--	--	--	--	--	--
#1	3833	--	--	--	--	--	--
#2	3819	--	--	--	--	--	--

Analysis Report 10/04/06 08:13:03 AM page 1

Method: TRACE2 Sample Name: AD657927 Operator: AK
Run Time: 10/04/06 08:08:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00103	.00188	.03868	.90970	.00016	207.68	.00019
SDev	.00237	.00002	.00118	.00808	.00002	1.66	.00020
%RSD	231.03	1.1293	3.0551	.88767	12.356	.79768	104.05
#1	-.00065	.00186	.03785	.90399	.00015	206.51	.00033
#2	.00270	.00189	.03952	.91541	.00018	208.85	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00035	.00174	.00018	90.818	3.4889	36.531	.38983
SDev	.00002	.00006	.00003	.440	.0034	.221	.00152
%RSD	6.6210	3.5986	19.733	.48434	.09820	.60391	.38979
#1	.00033	.00179	.00020	90.507	3.4913	36.375	.38876
#2	.00036	.00170	.00015	91.129	3.4865	36.687	.39091
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00021	5.8242	-.00034	-.00059	.00192	.00108	.00109
SDev	.00057	.0759	.00027	.00170	.00015	.00067	.00047
%RSD	271.08	1.3031	79.399	289.16	7.9066	61.508	42.981
#1	-.00019	5.7706	-.00015	.00061	.00202	.00155	.00076
#2	.00062	5.8779	-.00053	-.00179	.00181	.00061	.00142
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00127	.00295	.00016	.00011	-.00266	-.00050	.00162
SDev	.00085	.00056	.00098	.00000	.00062	.00013	.00021
%RSD	66.820	19.136	607.32	.72243	23.458	26.942	12.981
#1	-.00187	.00334	-.00053	.00011	-.00310	-.00040	.00147
#2	-.00067	.00255	.00086	.00011	-.00222	-.00059	.00177
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00035	-.00029
SDev	.00010	.00012
%RSD	28.107	40.954
#1	.00042	-.00021
#2	.00028	-.00038
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3806	--	--	--	--	--	--
SDev	8.113947	--	--	--	--	--	--
%RSD	.2131680	--	--	--	--	--	--
#1	3812	--	--	--	--	--	--
#2	3801	--	--	--	--	--	--

Analysis Report 10/04/06 08:17:58 AM page 1

Method: TRACE2 Sample Name: AD657928 Operator: AK
Run Time: 10/04/06 08:13:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02458	.00098	.04583	.88946	.00022	230.73	-.00017
SDev	.00151	.00006	.00005	.00135	.00001	.73	.00002
%RSD	6.1464	5.9124	.11369	.15172	5.6377	.31671	14.490
#1	.02564	.00094	.04579	.89041	.00023	231.24	-.00015
#2	.02351	.00102	.04587	.88850	.00021	230.21	-.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00054	.00163	-.00007	89.376	3.1423	35.016	.24095
SDev	.00005	.00009	.00087	.433	.0253	.154	.00117
%RSD	9.1946	5.3789	1281.9	.48474	.80398	.44004	.48630
#1	.00058	.00157	.00055	89.683	3.1602	35.125	.24178
#2	.00051	.00169	-.00069	89.070	3.1244	34.907	.24012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00073	11.262	.00023	.00535	.00916	.00789	-.00257
SDev	.00029	.114	.00032	.00164	.00201	.00080	.00288
%RSD	40.542	1.0136	137.08	30.735	22.009	10.104	112.09
#1	-.00093	11.343	.00046	.00418	.01058	.00845	-.00053
#2	-.00052	11.181	.00001	.00651	.00773	.00732	-.00461
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00030	-.00135	-.00318	.00057	-.00127	-.00036	.00178
SDev	.00099	.00102	.00381	.00015	.00231	.00013	.00028
%RSD	326.99	75.165	119.96	26.539	181.34	36.623	15.416
#1	-.00040	-.00063	-.00048	.00047	.00036	-.00026	.00198
#2	.00100	-.00207	-.00587	.00068	-.00290	-.00045	.00159
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00098	-.00015
SDev	.00038	.00028
%RSD	38.722	186.43
#1	-.00125	-.00034
#2	-.00072	.00005
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3772	--	--	--	--	--	--
SDev	18.50855	--	--	--	--	--	--
%RSD	.4906324	--	--	--	--	--	--
#1	3759	--	--	--	--	--	--
#2	3785	--	--	--	--	--	--

Analysis Report 10/04/06 08:22:53 AM page 1

Method: TRACE2 Sample Name: AD657929 Operator: AK
Run Time: 10/04/06 08:18:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.39379	.00513	.04296	.73260	.00018	237.21	.00001
SDev	.00200	.00130	.00027	.00211	.00001	.93	.00008
%RSD	.50708	25.464	.63098	.28856	6.3165	.39185	750.51
#1	.39520	.00420	.04277	.73111	.00017	236.55	.00007
#2	.39238	.00605	.04316	.73410	.00019	237.86	-.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00108	.00217	.00011	89.481	4.5713	38.513	.32364
SDev	.00002	.00002	.00004	.428	.0123	.149	.00170
%RSD	1.9756	.91730	33.044	.47807	.26924	.38640	.52444
#1	.00110	.00219	.00008	89.178	4.5626	38.408	.32244
#2	.00107	.00216	.00014	89.783	4.5800	38.618	.32484
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00052	11.660	.00112	-.00161	.00250	.00113	.00002
SDev	.00021	.108	.00022	.00041	.00117	.00064	.00126
%RSD	40.833	.92234	19.556	25.711	46.567	56.404	7528.3
#1	.00067	11.584	.00128	-.00190	.00333	.00159	-.00087
#2	.00037	11.736	.00097	-.00132	.00168	.00068	.00090
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00288	-.00076	.00041	.01838	-.00443	.00064	.00328
SDev	.00109	.00674	.00149	.00093	.00283	.00052	.00024
%RSD	37.930	884.80	366.83	5.0784	63.904	81.665	7.4762
#1	.00365	-.00553	.00146	.01904	-.00243	.00027	.00345
#2	.00211	.00401	-.00065	.01772	-.00643	.00100	.00310
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00014	-.00029
SDev	.00165	.00048
%RSD	1160.7	163.91
#1	.00131	.00005
#2	-.00103	-.00063
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3785	--	--	--	--	--	--
SDev	14.00075	--	--	--	--	--	--
%RSD	.3699204	--	--	--	--	--	--
#1	3795	--	--	--	--	--	--
#2	3775	--	--	--	--	--	--

Analysis Report 10/04/06 08:27:46 AM page 1

Method: TRACE2 Sample Name: AD657930 Operator: AK
Run Time: 10/04/06 08:22:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00818	.00175	.00380	.00028	-.00000	.10063	.00004
SDev	.00057	.00059	.00052	.00011	.00002	.02079	.00001
%RSD	7.0122	33.834	13.765	39.803	547.33	20.660	36.928
#1	-.00778	.00133	.00417	.00036	.00001	.11533	.00003
#2	-.00859	.00217	.00343	.00020	-.00002	.08593	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	400.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	.00057	-.00023	.01461	-.00201	.01093	-.00007
SDev	.00017	.00022	.00004	.00716	.02521	.00351	.00001
%RSD	363.31	37.852	18.473	49.017	1255.4	32.067	14.454
#1	.00017	.00042	-.00020	.01967	.01582	.01341	-.00008
#2	-.00007	.00072	-.00026	.00955	-.01984	.00845	-.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	800.00	400.00	400.00	12.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00038	-.01952	-.00016	-.00055	.00112	.00056	-.00204
SDev	.00030	.08299	.00042	.00042	.00134	.00103	.00190
%RSD	79.489	425.24	256.03	75.420	119.11	182.49	93.095
#1	-.00059	-.07820	.00013	-.00085	.00018	-.00016	-.00070
#2	-.00017	.03917	-.00046	-.00026	.00207	.00129	-.00338
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	600.00	25.000			40.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00143	-.00272	-.00170	-.00023	-.00165	-.00014	.00141
SDev	.00023	.00179	.00195	.00025	.00359	.00000	.00005
%RSD	16.216	65.668	115.09	111.20	217.55	.76405	3.8479
#1	-.00127	-.00146	-.00032	-.00005	-.00418	-.00014	.00137
#2	-.00160	-.00398	-.00308	-.00040	.00089	-.00014	.00145
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	5.0000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00037	.00002
SDev	.00080	.00008
%RSD	214.17	406.70
#1	.00093	-.00004
#2	-.00019	.00008
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3807	--	--	--	--	--	--
SDev	21.10721	--	--	--	--	--	--
%RSD	.5543659	--	--	--	--	--	--
#1	3793	--	--	--	--	--	--
#2	3822	--	--	--	--	--	--

Analysis Report QC Standard 10/04/06 08:34:06 AM page 1

Method: TRACE2 Sample Name: CCV Operator: AK
Run Time: 10/04/06 08:29:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.237	.49268	.48664	.50462	.50901	25.047	.49563
SDev	.228	.00466	.00746	.00359	.00492	.251	.00508
%RSD	.90280	.94687	1.5329	.71207	.96554	1.0026	1.0245
#1	25.076	.48938	.48137	.50208	.50554	24.869	.49204
#2	25.398	.49598	.49192	.50716	.51249	25.225	.49922
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49556	.49961	.50777	24.860	25.297	24.988	.50941
SDev	.00513	.00504	.00432	.255	.184	.263	.00496
%RSD	1.0355	1.0089	.84997	1.0251	.72558	1.0543	.97350
#1	.49193	.49605	.50472	24.680	25.168	24.802	.50591
#2	.49919	.50318	.51082	25.040	25.427	25.175	.51292
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51285	24.618	.49966	.50310	.49966	.50080	.50866
SDev	.00737	.180	.00525	.00185	.00694	.00525	.00427
%RSD	1.4366	.73078	1.0515	.36749	1.3894	1.0476	.83894
#1	.50764	24.491	.49595	.50180	.49475	.49709	.50565
#2	.51806	24.745	.50338	.50441	.50457	.50451	.51168
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50510	.51113	.50744	.51903	.50442	.49725	.50347
SDev	.00589	.00539	.00371	.00456	.00059	.00492	.00551
%RSD	1.1667	1.0540	.73063	.87772	.11648	.98841	1.0948
#1	.50093	.50732	.50482	.51581	.50400	.49377	.49957
#2	.50926	.51493	.51006	.52225	.50483	.50072	.50737
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50997	.50343
SDev	.00434	.00449
%RSD	.85144	.89291
#1	.50690	.50025
#2	.51304	.50661
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3789	--	--	--	--	--	--
SDev	19.19788	--	--	--	--	--	--
%RSD	.5067042	--	--	--	--	--	--
#1	3802	--	--	--	--	--	--
#2	3775	--	--	--	--	--	--

Analysis Report Blank Sample 10/04/06 08:39:01 AM page 1

Method: TRACE2 Sample Name: CCB Operator: AK
Run Time: 10/04/06 08:34:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01484	.00138	.00089	.00014	.00021	.01626	.00021
SDev	.00142	.00123	.00120	.00007	.00000	.00125	.00006
%RSD	9.5483	88.900	135.02	51.054	1.9677	7.7087	29.930
#1	-.01584	.00051	.00173	.00019	.00021	.01715	.00016
#2	-.01384	.00225	.00004	.00009	.00022	.01538	.00025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.05000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00013	.00030	.00065	.00657	-.00061	.00960	-.00017
SDev	.00005	.00044	.00024	.00812	.01099	.00194	.00011
%RSD	39.098	142.72	37.099	123.64	1812.8	20.255	64.571
#1	.00016	-.00000	.00048	.00083	.00716	.01098	-.00025
#2	.00009	.00061	.00082	.01231	-.00838	.00823	-.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00106	-.03156	.00027	-.00128	.00195	.00087	-.00053
SDev	.00000	.00615	.00019	.00217	.00047	.00041	.00344
%RSD	.30128	19.484	69.246	168.98	24.319	46.613	647.74
#1	.00106	-.03591	.00040	.00025	.00161	.00116	-.00297
#2	.00106	-.02721	.00014	-.00282	.00228	.00058	.00190
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00150	-.00224	.00032	-.00013	-.00001	.00009	.00008
SDev	.00085	.00256	.00644	.00009	.00146	.00019	.00013
%RSD	56.643	114.15	1990.4	67.145	10418.	211.54	169.05
#1	.00090	-.00043	-.00423	-.00007	.00102	-.00005	.00017
#2	.00210	-.00405	.00488	-.00020	-.00104	.00023	-.00002
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00067	-.00014
SDev	.00192	.00026
%RSD	284.11	189.91
#1	.00068	.00005
#2	-.00203	-.00033
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3773	--	--	--	--	--	--
SDev	5.091307	--	--	--	--	--	--
%RSD	.1349262	--	--	--	--	--	--
#1	3777	--	--	--	--	--	--
#2	3770	--	--	--	--	--	--

METALS DIGESTION LOG
A6B27352 - 10/03/06 SW8463 TOTAL 3005 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After		Clarity Before/After		Textur
10/03/06	07:00	MAP	A06-B305	A6B30501	A	FS	AD657913	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
10/03/06	07:00	MAP	A06-B305	A6B30502	A	FS	AD657914	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
10/03/06	07:00	MAP	A06-B305	A6B30503	A	FS	AD657915	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
10/03/06	07:00	MAP	A06-B305	A6B30504	A	FS	AD657916	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
10/03/06	07:00	MAP	A06-B305	A6B30504MS	A	MS	AD657917	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
10/03/06	07:00	MAP	A06-B305	A6B30504SD	A	SD	AD657918	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
10/03/06	07:00	MAP	A06-B305	A6B30505	A	FS	AD657919	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
10/03/06	07:00	MAP	A06-B305	A6B30506	A	FS	AD657920	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
10/03/06	07:00	MAP	A06-B305	A6B30507	A	FS	AD657921	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
10/03/06	07:00	MAP	A06-B305	A6B30508	A	FS	AD657922	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
10/03/06	07:00	MAP	A06-B305	A6B30509	A	FS	AD657923	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
10/03/06	07:00	MAP	A06-B305	A6B30510	A	FS	AD657924	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
10/03/06	07:00	MAP	A06-B305	A6B30511	A	FS	AD657925	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
10/03/06	07:00	MAP	A06-B305	A6B30512	A	FS	AD657926	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
10/03/06	07:00	MAP	A06-B305	A6B30513	A	FS	AD657927	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
10/03/06	07:00	MAP	A06-B305	A6B30514	A	FS	AD657928	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
10/03/06	07:00	MAP	A06-B305	A6B30515	A	FS	AD657929	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
10/03/06	07:00	MAP	A06-B347	A6B34709	A	EB	AD657930	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
10/03/06	07:00	MAP		A6B2735201	A	LFB	AD657931	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
10/03/06	07:00	MAP		A6B2735202	A	MBLK	AD657932	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE

Comments: EPPENDORF'S USED IN PARENTHESIS:
(MDL3) .250ml SN 1853714
QUALITY CONTROL ADDITIVES:
SPIKES ADDED / EPPENDORF (*) USED FOR SPIKING
A- 1 - W1 02-MDL-02 (MDL3) .25 ml PER 50ML FIN VOL
2 - W2 02-MDL-01 (MDL3) .25 ml PER 50ML FIN VOL
3 - Ag MSL0513 (MDL3) .25 ml PER 50ML FIN VOL
4 - Sn MSL0506 (MDL3) .25 ml PER 50ML FIN VOL

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

METALS DIGESTION LOG
A6B27352 - 10/03/06 SW8463 TOTAL 3005 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After	Clarity Before/After	Textur
				CONC. NITRIC ACID =	08-MDL-07									
				CONC. HCl ACID =	08-MDL-01									
				HOT BLOCK TEMPERATURE =	120									
				SAMPLE TEMPERATURE =	96									
				BATCH ENDED =	10/03/06									
				DIGESTIVE CUP LOT =	A603lP021									

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear Cloudy Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

675/686

Buffalo
: 10/04/2006
: 09:44:15

METALS DIGESTION LOG
A6B27472 - 10/4/2006 NON-CLP WATER Hg W1 (Closed)
AQUEOUS

ate	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After		Clarity Before/After		Textur
'04/06	08:00	LH	A06-B305	A6B30501	A	FS	AD658416	A	MERCURY	30.00	50.00					
'04/06	08:00	LH	A06-B305	A6B30502	A	FS	AD658417	A	MERCURY	30.00	50.00					
'04/06	08:00	LH	A06-B305	A6B30503	A	FS	AD658418	A	MERCURY	30.00	50.00					
'04/06	08:00	LH	A06-B305	A6B30504	A	FS	AD658419	A	MERCURY	30.00	50.00					
'04/06	08:00	LH	A06-B305	A6B30504MS	A	MS	AD658420	A	MERCURY	30.00	50.00					
'04/06	08:00	LH	A06-B305	A6B30504SD	A	SD	AD658421	A	MERCURY	30.00	50.00					
'04/06	08:00	LH	A06-B305	A6B30505	A	FS	AD658422	A	MERCURY	30.00	50.00					
'04/06	08:00	LH	A06-B305	A6B30506	A	FS	AD658423	A	MERCURY	30.00	50.00					
'04/06	08:00	LH	A06-B305	A6B30507	A	FS	AD658424	A	MERCURY	30.00	50.00					
'04/06	08:00	LH	A06-B305	A6B30508	A	FS	AD658425	A	MERCURY	30.00	50.00					
'04/06	08:00	LH	A06-B305	A6B30509	A	FS	AD658426	A	MERCURY	30.00	50.00					
'04/06	08:00	LH	A06-B305	A6B30510	A	FS	AD658427	A	MERCURY	30.00	50.00					
'04/06	08:00	LH	A06-B305	A6B30511	A	FS	AD658428	A	MERCURY	30.00	50.00					
'04/06	08:00	LH	A06-B305	A6B30512	A	FS	AD658429	A	MERCURY	30.00	50.00					
'04/06	08:00	LH	A06-B305	A6B30513	A	FS	AD658430	A	MERCURY	30.00	50.00					
'04/06	08:00	LH	A06-B305	A6B30514	A	FS	AD658431	A	MERCURY	30.00	50.00					
'04/06	08:00	LH	A06-B305	A6B30515	A	FS	AD658432	A	MERCURY	30.00	50.00					
'04/06	08:00	LH	A06-B304	A6B30401	A	FS	AD658433	A	MERCURY	30.00	50.00					
'04/06	08:00	LH	A06-B304	A6B30402	A	FS	AD658434	A	MERCURY	30.00	50.00					
'04/06	08:00	LH	A06-B304	A6B30403	A	FS	AD658435	A	MERCURY	30.00	50.00					
'04/06	08:00	LH	A06-B304	A6B30404	A	FS	AD658436	A	MERCURY	30.00	50.00					
'04/06	08:00	LH	A06-B304	A6B30405	A	FS	AD658437	A	MERCURY	30.00	50.00					
'04/06	08:00	LH		A6B2747201	A	LCS	AD658438	A	MERCURY	30.00	50.00					
'04/06	08:00	LH		A6B2747202	A	MBLK	AD658439	A	MERCURY	30.00	50.00					

Comments: EPPENDORF USED TO ADD SPIKES:
HGL-5 2ml; HGL-4 1mL
EPPENDORFS USED TO DISPENSE SET VOLUMES:
HGL-1 .1mL HGL-4 1mL

lor: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

Redigestion

676/686

METALS DIGESTION LOG
A6B27472 - 10/4/2006 NON-CLP WATER Hg W1 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After	Clarity Before/After	Textur
			HGL-2 .2mL		HGL-5 2mL									
			HGL-3 .5mL		HGL-9 2.5mL									
					HGL-6 5mL									

MERCURY BATCH ADDITIONS
1.) HgLCS/MS/SD (W) 5-135-B
2.) Potassium Persulfate 5-066-R
3.) Potassium Permanganate 5-126-Q
4.) Stannous Chloride 5-088-U
5.) Hydroxylamine Hydrochloride 5-126-S
6.) HgLCS (S) 10-HGL-4
SILICON(IV) OXIDE 99.995% 15-MDL-19 LOT#B25P03 (SOIL ONLY)
CONC. NITRIC ACIC - J.T. BAKER LOT# B21038
CONC. HCL ACID - J.T. BAKER LOT# C14037
CONC. SULFURIC ACID - VWR LOT# 45136
HOT BLOCK A TEMP FROM DESIGNATED CELL: (97)°C
HOT BLOCK B TEMP FROM DESIGNATED CELL: (97)°C
TEMP CRITERIA: 95(+-)3°C
DIGESTION CUPS ENVIROMENTAL EXPRESS LOT# A603LP021

677/686

lor: Black Gray Red Yellow Clarity: Clear Texture: Fine (powdery)
Blue Green Violet Colorless Cloudy Medium (sand)
Brown Orange White Opaque Coarse (large crystals or rocks)
Redigestion

(LH)

S-135-K
-E
-F
-G
-H
-I

WinHg Database 1.1

File Utility Help

Protocol hgppb

Dataset/Proto L21004W1/hgppb

Protocol | Line info | Cal Curve | Report | Ctrl Chart | Viewer

Reset

Calib Coeffs

New Cal

Update Coeffs

Spike Coeffs

A

B 1.21042e-5

C -7.43555e-2

rho .999909

Calibrated

Accepted

Accept

Type

Include S10 Rep 1 2 3 4 5

Rel. Abs. 828199

Accepted

New

Conc. 10.0

S	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3
01	.00000	-.038	-.038	2966	688	3220	3491	2188
02	.20000	.165	-.035	19753	7.53%	19390	18479	21387
03	1.0000	.999	-.001	88647	0.15%	88564	88802	88578
04	2.0000	2.04	.044	175016	0.94%	173703	174495	176850
05	5.0000	5.08	.081	425889	0.89%	428882	427174	421612
06	10.000	9.95	-.050	828200	0.61%	828048	833323	823226

Ready

CAP NUM

Folder: L21004W1 Page 1
Protocol: hgppb
POST-RUN REPORT

Line Conc. Units SD/RSD 1 2 3 4 5

5-135-J
*** Check Standard: 2 Ck2ICV Seq: 1 11:17:17 04 Oct 06 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 104. 3.13 3.00 ppb .000
=

5-135-K
*** Check Standard: 1 Ck1ICB/CCB Seq: 2 11:18:22 04 Oct 06 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg -.061 .200 ppb .000
=

5-135-L
*** Check Standard: 4 Ck4CRA Seq: 3 11:19:27 04 Oct 06 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 84.3 .169 .200 ppb .000
=

5-135-M
*** Check Standard: 3 Ck3CCV Seq: 4 11:20:33 04 Oct 06 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 107. 2.13 2.00 ppb .000
=

5-135-K
*** Check Standard: 1 Ck1ICB/CCB Seq: 5 11:21:40 04 Oct 06 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg -.030 .200 ppb .000
=

*** Sample ID: AD658370 Seq: 6 11:22:46 04 Oct 06 HG

Hg -.026 ppb .000 -.026
=

==========

*** Sample ID: AD658371 Seq: 7 11:23:52 04 Oct 06 HG

Hg -.047 ppb .000 -.047
=

==========

*** Sample ID: AD658368 Seq: 8 11:25:02 04 Oct 06 HG

Hg -.007 ppb .000 -.007
=

==========

*** Sample ID: AD658369 Seq: 9 11:26:27 04 Oct 06 HG

Hg -.028 ppb .000 -.028
=

==========

*** Sample ID: AD658372 Seq: 10 11:27:34 04 Oct 06 HG

Hg -.046 ppb .000 -.046
=

==========

*** Sample ID: AD658372L Seq: 11 11:28:51 04 Oct 06 HG
1:3
Hg -.013 ppb .000 -.013
=

==========

*** Sample ID: AD658384 Seq: 12 11:30:00 04 Oct 06 HG
+4 PPB
Hg 4.35 ppb .000 4.35
=

==========

*** Sample ID: AD658385 Seq: 13 11:31:17 04 Oct 06 HG
+4 PPB
Hg 4.13 ppb .000 4.13
=

==========

Folder: L21004W1
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: AD658373 Seq: 14 11:32:25 04 Oct 06 HG

Hg .850 ppb .000 .850

*** Sample ID: AD658374 Seq: 15 11:33:37 04 Oct 06 HG

Hg -.054 ppb .000 -.054

*** Check Standard: 3 Ck3CCV Seq: 16 11:34:54 04 Oct 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		109.	2.18	2.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 17 11:36:09 04 Oct 06 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.068	.200	ppb	.000

*** Sample ID: AD658375 Seq: 18 11:37:36 04 Oct 06 HG

Hg -.052 ppb .000 -.052

*** Sample ID: AD658376 Seq: 19 11:38:43 04 Oct 06 HG

Hg -.039 ppb .000 -.039

*** Sample ID: AD658377 Seq: 20 11:39:49 04 Oct 06 HG

Hg -.031 ppb .000 -.031

*** Sample ID: AD658379 Seq: 21 11:41:08 04 Oct 06 HG

Hg -.046 ppb .000 -.046

*** Sample ID: AD658380 Seq: 22 11:42:16 04 Oct 06 HG

Hg -.053 ppb .000 -.053

*** Sample ID: AD658381 Seq: 23 11:43:32 04 Oct 06 HG

Hg -.016 ppb .000 -.016

*** Sample ID: AD658382 Seq: 24 11:44:50 04 Oct 06 HG

Hg -.058 ppb .000 -.058

*** Sample ID: AD658383 Seq: 25 11:46:08 04 Oct 06 HG

Hg -.039 ppb .000 -.039

*** Sample ID: AD658378 Seq: 26 11:47:17 04 Oct 06 HG

Hg .003 ppb .000 .003

Folder: L21004W1
Protocol: hgppb
POST-RUN REPORT

```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-------------------------------------------------------------------------------

*** Sample ID: AD658388              Seq:  27     11:48:45 04 Oct 06   HG

Hg   -.042    ppb       .000     -.042                                      =

*** Check Standard: 3  Ck3CCV        Seq:  28     11:50:03 04 Oct 06   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          107.     2.13    2.00  ppb         .000                          =

*** Check Standard: 1  Ck1ICB/CCB    Seq:  29     11:51:24 04 Oct 06   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.066     .200    ppb         .000                               =

*** Sample ID: AD658389              Seq:  30     11:52:34 04 Oct 06   HG

Hg   -.081    ppb       .000     -.081                                      =
===============================================================================
*** Sample ID: AD658387              Seq:  31     11:53:53 04 Oct 06   HG

Hg   -.034    ppb       .000     -.034                                      =
===============================================================================
*** Sample ID: AD658386              Seq:  32     11:55:01 04 Oct 06   HG

Hg   -.023    ppb       .000     -.023                                      =
===============================================================================
*** Sample ID: AD658390              Seq:  33     11:56:16 04 Oct 06   HG
 SPIKED
Hg    1.93    ppb       .000      1.93                                      =

*** %Rec.  ID: AD658390              Seq:  34     11:56:16 04 Oct 06   HG
                        Spikes =1  Unspiked =0
      Spike              %Rcv.    Avg(U)   SD(U)    Avg(S)   SD(S)
Hg    2.00    ppb        96.5      .000    .000      1.93    .000             =

*** Sample ID: AD658391              Seq:  35     11:57:32 04 Oct 06   HG

Hg   -.064    ppb       .000     -.064                                      =
===============================================================================
*** Sample ID: AD658392              Seq:  36     11:58:51 04 Oct 06   HG

Hg   -.028    ppb       .000     -.028                                      =
===============================================================================
*** Sample ID: AD658393              Seq:  37     12:00:01 04 Oct 06   HG

Hg   -.054    ppb       .000     -.054                                      =
===============================================================================
*** Sample ID: AD658394              Seq:  38     12:01:07 04 Oct 06   HG

Hg   -.048    ppb       .000     -.048                                      =
===============================================================================
*** Sample ID: AD658395              Seq:  39     12:02:17 04 Oct 06   HG

Hg   -.060    ppb       .000     -.060                                      =
===============================================================================
```

Folder: L21004W1
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: AD658396 Seq: 40 12:03:25 04 Oct 06 HG

Hg -.058 ppb .000 -.058

*** Check Standard: 3 Ck3CCV Seq: 41 12:04:31 04 Oct 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		109.	2.19	2.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 42 12:05:41 04 Oct 06 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.083	.200	ppb	.000

*** Sample ID: AD658396L Seq: 43 12:07:10 04 Oct 06 HG

1:3

Hg -.050 ppb .000 -.050

*** Sample ID: AD658397 Seq: 44 12:08:19 04 Oct 06 HG

+4 PPB

Hg 3.78 ppb .000 3.78

*** Sample ID: AD658398 Seq: 45 12:09:28 04 Oct 06 HG

+4 PPB

Hg 3.72 ppb .000 3.72

*** Sample ID: AD658399 Seq: 46 12:10:36 04 Oct 06 HG

Hg -.096 ppb .000 -.096

*** Sample ID: AD658400 Seq: 47 12:12:27 04 Oct 06 HG

Hg -.026 ppb .000 -.026

*** Sample ID: AD658401 Seq: 48 12:13:34 04 Oct 06 HG

Hg -.006 ppb .000 -.006

*** Sample ID: AD658402 Seq: 49 12:15:00 04 Oct 06 HG

Hg -.037 ppb .000 -.037

*** Sample ID: AD658405 Seq: 50 12:16:08 04 Oct 06 HG

Hg -.052 ppb .000 -.052

*** Sample ID: AD658406 Seq: 51 12:17:13 04 Oct 06 HG

Hg -.065 ppb .000 -.065

*** Sample ID: AD658407 Seq: 52 12:18:26 04 Oct 06 HG

Hg -.052 ppb .000 -.052

Folder: L21004W1
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 3 Ck3CCV Seq: 53 12:19:33 04 Oct 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		108.	2.16	2.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 54 12:20:41 04 Oct 06 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.088	.200	ppb	.000

*** Sample ID: AD658408 Seq: 55 12:21:50 04 Oct 06 HG

Hg -.041 ppb .000 -.041

*** Sample ID: AD658409 Seq: 56 12:22:58 04 Oct 06 HG

Hg -.062 ppb .000 -.062

*** Sample ID: AD658410 Seq: 57 12:24:05 04 Oct 06 HG

Hg -.046 ppb .000 -.046

*** Sample ID: AD658411 Seq: 58 12:25:25 04 Oct 06 HG

Hg .747 ppb .000 .747

*** Sample ID: AD658412 Seq: 59 12:27:17 04 Oct 06 HG

Hg -.067 ppb .000 -.067

*** Sample ID: AD658413 Seq: 60 12:28:24 04 Oct 06 HG

Hg -.044 ppb .000 -.044

*** Sample ID: AD658414 Seq: 61 12:29:30 04 Oct 06 HG
SPIKED

Hg 2.02 ppb .000 2.02

*** %Rec. ID: AD658414 Seq: 62 12:29:30 04 Oct 06 HG

Spikes =1 Unspiked =0

	Spike		%Rcv.	Avg(U)	SD(U)	Avg(S)	SD(S)
Hg	2.00	ppb	101.	.000	.000	2.02	.000

*** Sample ID: AD658415 Seq: 63 12:30:57 04 Oct 06 HG

Hg -.067 ppb .000 -.067

*** Sample ID: AD658416 Seq: 64 12:32:04 04 Oct 06 HG

Hg -.067 ppb .000 -.067

*** Sample ID: AD658417 Seq: 65 12:33:40 04 Oct 06 HG

Hg -.022 ppb .000 -.022

Folder: L21004W1
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 3 Ck3CCV Seq: 66 12:34:51 04 Oct 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		107.	2.14	2.00	ppb	.000

=

*** Check Standard: 1 Ck1ICB/CCB Seq: 67 12:36:39 04 Oct 06 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.059	.200	ppb	.000

=

*** Sample ID: AD658418 Seq: 68 12:37:56 04 Oct 06 HG

Hg -.019 ppb .000 -.019

=

*** Sample ID: AD658419 Seq: 69 12:39:16 04 Oct 06 HG

Hg -.037 ppb .000 -.037

=

*** Sample ID: AD658419L Seq: 70 12:40:27 04 Oct 06 HG

1:3

Hg -.060 ppb .000 -.060

=

*** Sample ID: AD658420 Seq: 71 12:41:56 04 Oct 06 HG

+4 PPB

Hg 3.70 ppb .000 3.70

=

*** Sample ID: AD658421 Seq: 72 12:43:30 04 Oct 06 HG

+4 PPB

Hg 4.19 ppb .000 4.19

=

*** Sample ID: AD658422 Seq: 73 12:45:07 04 Oct 06 HG

Hg -.064 ppb .000 -.064

=

*** Sample ID: AD658423 Seq: 74 12:46:14 04 Oct 06 HG

Hg -.057 ppb .000 -.057

=

*** Sample ID: AD658424 Seq: 75 12:47:20 04 Oct 06 HG

Hg -.025 ppb .000 -.025

=

*** Sample ID: AD658425 Seq: 76 12:48:47 04 Oct 06 HG

Hg -.033 ppb .000 -.033

=

*** Sample ID: AD658426 Seq: 77 12:50:38 04 Oct 06 HG

Hg -.043 ppb .000 -.043

=

*** Check Standard: 3 Ck3CCV Seq: 78 12:51:50 04 Oct 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		108.	2.16	2.00	ppb	.000

=

Folder: L21004W1
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 1 Ck1ICB/CCB Seq: 79 12:53:10 04 Oct 06 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.063	.200	ppb	.000

=

*** Sample ID: AD658427 Seq: 80 12:54:26 04 Oct 06 HG

Hg -.010 ppb .000 -.010

=

*** Sample ID: AD658428 Seq: 81 12:55:38 04 Oct 06 HG

Hg -.035 ppb .000 -.035

=

*** Sample ID: AD658429 Seq: 82 12:56:49 04 Oct 06 HG

Hg -.057 ppb .000 -.057

=

*** Sample ID: AD658430 Seq: 83 12:58:00 04 Oct 06 HG

Hg -.044 ppb .000 -.044

=

*** Sample ID: AD658431 Seq: 84 12:59:09 04 Oct 06 HG

Hg -.031 ppb .000 -.031

=

*** Sample ID: AD658432 Seq: 85 13:00:27 04 Oct 06 HG

Hg -.059 ppb .000 -.059

=

*** Sample ID: AD658433 Seq: 86 13:01:38 04 Oct 06 HG

Hg -.045 ppb .000 -.045

=

*** Sample ID: AD658434 Seq: 87 13:03:08 04 Oct 06 HG

Hg -.052 ppb .000 -.052

=

*** Sample ID: AD658435 Seq: 88 13:04:39 04 Oct 06 HG

Hg -.059 ppb .000 -.059

=

*** Sample ID: AD658436 Seq: 89 13:06:00 04 Oct 06 HG

Hg -.046 ppb .000 -.046

=

*** Check Standard: 3 Ck3CCV Seq: 90 13:07:08 04 Oct 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		106.	2.13	2.00	ppb	.000

=

*** Check Standard: 1 Ck1ICB/CCB Seq: 91 13:08:16 04 Oct 06 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.072	.200	ppb	.000

=

Folder: L21004W1
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: AD658437 Seq: 92 13:09:24 04 Oct 06 HG

Hg	-.029	ppb	.000	-.029

*** Sample ID: AD658438 Seq: 93 13:10:31 04 Oct 06 HG
SPIKED

Hg	2.02	ppb	.000	2.02

*** %Rec. ID: AD658438 Seq: 94 13:10:31 04 Oct 06 HG
Spikes =1 Unspiked =0

	Spike		%Rcv.	Avg(U)	SD(U)	Avg(S)	SD(S)
Hg	2.00	ppb	101.	.000	.000	2.02	.000

*** Sample ID: AD658439 Seq: 95 13:11:48 04 Oct 06 HG

Hg	-.064	ppb	.000	-.064

*** Check Standard: 4 Ck4CRA Seq: 96 13:13:28 04 Oct 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		102.	.205	.200	ppb	.000

*** Check Standard: 3 Ck3CCV Seq: 97 13:14:33 04 Oct 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		107.	2.15	2.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 98 13:15:53 04 Oct 06 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.031	.200	ppb	.000

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Ashlee Smith
WSP USA Inc.
40 La Riviere Drive
Suite 320
Buffalo, New York 14202

Generated 7/19/2023 2:35:10 PM

JOB DESCRIPTION

Hudson SA-13

JOB NUMBER

480-210862-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization

Generated
7/19/2023 2:35:10 PM

Authorized for release by
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@et.eurofinsus.com
Designee for
John Schove, Project Manager II
John.Schove@et.eurofinsus.com
(716)504-9838

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Detection Summary 6
Client Sample Results 7
Surrogate Summary 10
QC Sample Results 11
QC Association Summary 13
Lab Chronicle 14
Certification Summary 16
Method Summary 17
Sample Summary 18
Chain of Custody 19
Receipt Checklists 20

Definitions/Glossary

Client: WSP USA Inc.
Job ID: 480-210862-1
Project/Site: Hudson SA-13

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: WSP USA Inc.
Project/Site: Hudson SA-13

Job ID: 480-210862-1

Job ID: 480-210862-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative
480-210862-1

Comments
No additional comments.

Receipt
The samples were received on 7/14/2023 1:40 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 3.7º C and 4.2º C.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: WSP USA Inc.
Project/Site: Hudson SA-13

Job ID: 480-210862-1

Client Sample ID: NM-MW-02-JUL23 — **Lab Sample ID: 480-210862-1**

No Detections.

Client Sample ID: NM-MW-02-JUL23-FF — **Lab Sample ID: 480-210862-2**

No Detections.

Client Sample ID: NM-MW-04-JUL23 — **Lab Sample ID: 480-210862-3**

No Detections.

Client Sample ID: NM-MW-04-JUL23-FF — **Lab Sample ID: 480-210862-4**

No Detections.

Client Sample ID: NM-MW-04-JUL23-Q — **Lab Sample ID: 480-210862-5**

No Detections.

Client Sample ID: NM-MW-04-JUL23-Q-FF — **Lab Sample ID: 480-210862-6**

No Detections.

Client Sample ID: NM-MW-05-JUL23 — **Lab Sample ID: 480-210862-7**

No Detections.

Client Sample ID: NM-MW-05-JUL23-FF — **Lab Sample ID: 480-210862-8**

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: NM-MW-02-JUL23

Lab Sample ID: 480-210862-1

Date Collected: 07/13/23 08:20

Matrix: Water

Date Received: 07/14/23 13:40

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 12:39	1
PCB-1221	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 12:39	1
PCB-1232	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 12:39	1
PCB-1242	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 12:39	1
PCB-1248	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 12:39	1
PCB-1254	0.50	U	0.50	0.25	ug/L		07/17/23 14:52	07/18/23 12:39	1
PCB-1260	0.50	U	0.50	0.25	ug/L		07/17/23 14:52	07/18/23 12:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*73*		*39 - 121*	*07/17/23 14:52*	*07/18/23 12:39*	*1*
Tetrachloro-m-xylene	*70*		*39 - 121*	*07/17/23 14:52*	*07/18/23 12:39*	*1*
DCB Decachlorobiphenyl	*59*		*19 - 120*	*07/17/23 14:52*	*07/18/23 12:39*	*1*
DCB Decachlorobiphenyl	*61*		*19 - 120*	*07/17/23 14:52*	*07/18/23 12:39*	*1*

Client Sample ID: NM-MW-02-JUL23-FF

Lab Sample ID: 480-210862-2

Date Collected: 07/13/23 08:20

Matrix: Water

Date Received: 07/14/23 13:40

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 13:30	1
PCB-1221	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 13:30	1
PCB-1232	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 13:30	1
PCB-1242	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 13:30	1
PCB-1248	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 13:30	1
PCB-1254	0.50	U	0.50	0.25	ug/L		07/17/23 14:52	07/18/23 13:30	1
PCB-1260	0.50	U	0.50	0.25	ug/L		07/17/23 14:52	07/18/23 13:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*82*		*39 - 121*	*07/17/23 14:52*	*07/18/23 13:30*	*1*
Tetrachloro-m-xylene	*73*		*39 - 121*	*07/17/23 14:52*	*07/18/23 13:30*	*1*
DCB Decachlorobiphenyl	*83*		*19 - 120*	*07/17/23 14:52*	*07/18/23 13:30*	*1*
DCB Decachlorobiphenyl	*82*		*19 - 120*	*07/17/23 14:52*	*07/18/23 13:30*	*1*

Client Sample ID: NM-MW-04-JUL23

Lab Sample ID: 480-210862-3

Date Collected: 07/12/23 15:15

Matrix: Water

Date Received: 07/14/23 13:40

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 07:30	1
PCB-1221	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 07:30	1
PCB-1232	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 07:30	1
PCB-1242	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 07:30	1
PCB-1248	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 07:30	1
PCB-1254	0.50	U	0.50	0.25	ug/L		07/17/23 14:52	07/18/23 07:30	1
PCB-1260	0.50	U	0.50	0.25	ug/L		07/17/23 14:52	07/18/23 07:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*72*		*39 - 121*	*07/17/23 14:52*	*07/18/23 07:30*	*1*
Tetrachloro-m-xylene	*60*		*39 - 121*	*07/17/23 14:52*	*07/18/23 07:30*	*1*

Client Sample ID: NM-MW-04-JUL23

Lab Sample ID: 480-210862-3

Date Collected: 07/12/23 15:15

Matrix: Water

Date Received: 07/14/23 13:40

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*80*		*19 - 120*	*07/17/23 14:52*	*07/18/23 07:30*	*1*
DCB Decachlorobiphenyl	*63*		*19 - 120*	*07/17/23 14:52*	*07/18/23 07:30*	*1*

Client Sample ID: NM-MW-04-JUL23-FF

Lab Sample ID: 480-210862-4

Date Collected: 07/12/23 15:15

Matrix: Water

Date Received: 07/14/23 13:40

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 09:18	1
PCB-1221	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 09:18	1
PCB-1232	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 09:18	1
PCB-1242	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 09:18	1
PCB-1248	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 09:18	1
PCB-1254	0.50	U	0.50	0.25	ug/L		07/17/23 14:52	07/18/23 09:18	1
PCB-1260	0.50	U	0.50	0.25	ug/L		07/17/23 14:52	07/18/23 09:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*63*		*39 - 121*	*07/17/23 14:52*	*07/18/23 09:18*	*1*
Tetrachloro-m-xylene	*59*		*39 - 121*	*07/17/23 14:52*	*07/18/23 09:18*	*1*
DCB Decachlorobiphenyl	*79*		*19 - 120*	*07/17/23 14:52*	*07/18/23 09:18*	*1*
DCB Decachlorobiphenyl	*82*		*19 - 120*	*07/17/23 14:52*	*07/18/23 09:18*	*1*

Client Sample ID: NM-MW-04-JUL23-Q

Lab Sample ID: 480-210862-5

Date Collected: 07/12/23 15:15

Matrix: Water

Date Received: 07/14/23 13:40

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 13:47	1
PCB-1221	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 13:47	1
PCB-1232	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 13:47	1
PCB-1242	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 13:47	1
PCB-1248	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 13:47	1
PCB-1254	0.50	U	0.50	0.25	ug/L		07/17/23 14:52	07/18/23 13:47	1
PCB-1260	0.50	U	0.50	0.25	ug/L		07/17/23 14:52	07/18/23 13:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*78*		*39 - 121*	*07/17/23 14:52*	*07/18/23 13:47*	*1*
Tetrachloro-m-xylene	*73*		*39 - 121*	*07/17/23 14:52*	*07/18/23 13:47*	*1*
DCB Decachlorobiphenyl	*76*		*19 - 120*	*07/17/23 14:52*	*07/18/23 13:47*	*1*
DCB Decachlorobiphenyl	*76*		*19 - 120*	*07/17/23 14:52*	*07/18/23 13:47*	*1*

Client Sample ID: NM-MW-04-JUL23-Q-FF

Lab Sample ID: 480-210862-6

Date Collected: 07/12/23 15:15

Matrix: Water

Date Received: 07/14/23 13:40

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 14:03	1
PCB-1221	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 14:03	1

Client Sample ID: NM-MW-04-JUL23-Q-FF

Lab Sample ID: 480-210862-6

Date Collected: 07/12/23 15:15

Matrix: Water

Date Received: 07/14/23 13:40

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 14:03	1
PCB-1242	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 14:03	1
PCB-1248	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 14:03	1
PCB-1254	0.50	U	0.50	0.25	ug/L		07/17/23 14:52	07/18/23 14:03	1
PCB-1260	0.50	U	0.50	0.25	ug/L		07/17/23 14:52	07/18/23 14:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*80*		*39 - 121*	*07/17/23 14:52*	*07/18/23 14:03*	*1*
Tetrachloro-m-xylene	*74*		*39 - 121*	*07/17/23 14:52*	*07/18/23 14:03*	*1*
DCB Decachlorobiphenyl	*82*		*19 - 120*	*07/17/23 14:52*	*07/18/23 14:03*	*1*
DCB Decachlorobiphenyl	*82*		*19 - 120*	*07/17/23 14:52*	*07/18/23 14:03*	*1*

Client Sample ID: NM-MW-05-JUL23

Lab Sample ID: 480-210862-7

Date Collected: 07/13/23 09:05

Matrix: Water

Date Received: 07/14/23 13:40

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 14:20	1
PCB-1221	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 14:20	1
PCB-1232	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 14:20	1
PCB-1242	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 14:20	1
PCB-1248	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 14:20	1
PCB-1254	0.50	U	0.50	0.25	ug/L		07/17/23 14:52	07/18/23 14:20	1
PCB-1260	0.50	U	0.50	0.25	ug/L		07/17/23 14:52	07/18/23 14:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*83*		*39 - 121*	*07/17/23 14:52*	*07/18/23 14:20*	*1*
Tetrachloro-m-xylene	*79*		*39 - 121*	*07/17/23 14:52*	*07/18/23 14:20*	*1*
DCB Decachlorobiphenyl	*80*		*19 - 120*	*07/17/23 14:52*	*07/18/23 14:20*	*1*
DCB Decachlorobiphenyl	*82*		*19 - 120*	*07/17/23 14:52*	*07/18/23 14:20*	*1*

Client Sample ID: NM-MW-05-JUL23-FF

Lab Sample ID: 480-210862-8

Date Collected: 07/13/23 09:05

Matrix: Water

Date Received: 07/14/23 13:40

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 14:37	1
PCB-1221	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 14:37	1
PCB-1232	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 14:37	1
PCB-1242	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 14:37	1
PCB-1248	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 14:37	1
PCB-1254	0.50	U	0.50	0.25	ug/L		07/17/23 14:52	07/18/23 14:37	1
PCB-1260	0.50	U	0.50	0.25	ug/L		07/17/23 14:52	07/18/23 14:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*77*		*39 - 121*	*07/17/23 14:52*	*07/18/23 14:37*	*1*
Tetrachloro-m-xylene	*71*		*39 - 121*	*07/17/23 14:52*	*07/18/23 14:37*	*1*
DCB Decachlorobiphenyl	*82*		*19 - 120*	*07/17/23 14:52*	*07/18/23 14:37*	*1*
DCB Decachlorobiphenyl	*87*		*19 - 120*	*07/17/23 14:52*	*07/18/23 14:37*	*1*

Surrogate Summary

Client: WSP USA Inc.
Project/Site: Hudson SA-13

Job ID: 480-210862-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TCX1	TCX2	DCBP1	DCBP2
Lab Sample ID	Client Sample ID	(39-121)	(39-121)	(19-120)	(19-120)
480-210862-1	NM-MW-02-JUL23	73	70	59	61
480-210862-3	NM-MW-04-JUL23	60	72	63	80
480-210862-3 MS	NM-MW-04-JUL23	58	70	39	49
480-210862-3 MSD	NM-MW-04-JUL23	66	80	46	63
480-210862-5	NM-MW-04-JUL23-Q	78	73	76	76
480-210862-7	NM-MW-05-JUL23	83	79	80	82
LCS 480-676615/2-A	Lab Control Sample	69	81	41	51
MB 480-676615/1-A	Method Blank	59	71	42	51

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Dissolved**

		Percent Surrogate Recovery (Acceptance Limits)			
		TCX1	TCX2	DCBP1	DCBP2
Lab Sample ID	Client Sample ID	(39-121)	(39-121)	(19-120)	(19-120)
480-210862-2	NM-MW-02-JUL23-FF	82	73	83	82
480-210862-4	NM-MW-04-JUL23-FF	63	59	79	82
480-210862-4 MS	NM-MW-04-JUL23-FF	77	70	61	68
480-210862-4 MSD	NM-MW-04-JUL23-FF	69	65	58	62
480-210862-6	NM-MW-04-JUL23-Q-FF	80	74	82	82
480-210862-8	NM-MW-05-JUL23-FF	77	71	82	87

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-676615/1-A
Matrix: Water
Analysis Batch: 676635

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 676615

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 06:33	1
PCB-1221	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 06:33	1
PCB-1232	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 06:33	1
PCB-1242	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 06:33	1
PCB-1248	0.50	U	0.50	0.18	ug/L		07/17/23 14:52	07/18/23 06:33	1
PCB-1254	0.50	U	0.50	0.25	ug/L		07/17/23 14:52	07/18/23 06:33	1
PCB-1260	0.50	U	0.50	0.25	ug/L		07/17/23 14:52	07/18/23 06:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*71*		*39 - 121*	*07/17/23 14:52*	*07/18/23 06:33*	*1*
Tetrachloro-m-xylene	*59*		*39 - 121*	*07/17/23 14:52*	*07/18/23 06:33*	*1*
DCB Decachlorobiphenyl	*51*		*19 - 120*	*07/17/23 14:52*	*07/18/23 06:33*	*1*
DCB Decachlorobiphenyl	*42*		*19 - 120*	*07/17/23 14:52*	*07/18/23 06:33*	*1*

Lab Sample ID: LCS 480-676615/2-A
Matrix: Water
Analysis Batch: 676635

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 676615

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			4.00	3.76		ug/L		94	62 - 130		
PCB-1260			4.00	3.17		ug/L		79	56 - 123		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*81*		*39 - 121*
Tetrachloro-m-xylene	*69*		*39 - 121*
DCB Decachlorobiphenyl	*51*		*19 - 120*
DCB Decachlorobiphenyl	*41*		*19 - 120*

Lab Sample ID: 480-210862-3 MS
Matrix: Water
Analysis Batch: 676635

Client Sample ID: NM-MW-04-JUL23
Prep Type: Total/NA
Prep Batch: 676615

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016	0.50	U	4.00	3.31		ug/L		83	28 - 150		
PCB-1260	0.50	U	4.00	2.93		ug/L		73	25 - 131		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*70*		*39 - 121*
Tetrachloro-m-xylene	*58*		*39 - 121*
DCB Decachlorobiphenyl	*49*		*19 - 120*
DCB Decachlorobiphenyl	*39*		*19 - 120*

Lab Sample ID: 480-210862-3 MSD
Matrix: Water
Analysis Batch: 676635

Client Sample ID: NM-MW-04-JUL23
Prep Type: Total/NA
Prep Batch: 676615

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	0.50	U	4.00	4.98		ug/L		124	28 - 150	40	50

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 480-210862-3 MSD
Matrix: Water
Analysis Batch: 676635

Client Sample ID: NM-MW-04-JUL23
Prep Type: Total/NA
Prep Batch: 676615

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1260	0.50	U	4.00	4.66		ug/L		117	25 - 131	46	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*80*		*39 - 121*
Tetrachloro-m-xylene	*66*		*39 - 121*
DCB Decachlorobiphenyl	*63*		*19 - 120*
DCB Decachlorobiphenyl	*46*		*19 - 120*

Lab Sample ID: 480-210862-4 MS
Matrix: Water
Analysis Batch: 676637

Client Sample ID: NM-MW-04-JUL23-FF
Prep Type: Dissolved
Prep Batch: 676615

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	0.50	U	4.00	4.03		ug/L		101	28 - 150
PCB-1260	0.50	U	4.00	3.49		ug/L		87	25 - 131

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*77*		*39 - 121*
Tetrachloro-m-xylene	*70*		*39 - 121*
DCB Decachlorobiphenyl	*61*		*19 - 120*
DCB Decachlorobiphenyl	*68*		*19 - 120*

Lab Sample ID: 480-210862-4 MSD
Matrix: Water
Analysis Batch: 676637

Client Sample ID: NM-MW-04-JUL23-FF
Prep Type: Dissolved
Prep Batch: 676615

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	0.50	U	4.00	3.76		ug/L		94	28 - 150	7	50
PCB-1260	0.50	U	4.00	3.41		ug/L		85	25 - 131	2	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*69*		*39 - 121*
Tetrachloro-m-xylene	*65*		*39 - 121*
DCB Decachlorobiphenyl	*58*		*19 - 120*
DCB Decachlorobiphenyl	*62*		*19 - 120*

GC Semi VOA

Prep Batch: 676615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-210862-1	NM-MW-02-JUL23	Total/NA	Water	3510C	
480-210862-2	NM-MW-02-JUL23-FF	Dissolved	Water	3510C	
480-210862-3	NM-MW-04-JUL23	Total/NA	Water	3510C	
480-210862-4	NM-MW-04-JUL23-FF	Dissolved	Water	3510C	
480-210862-5	NM-MW-04-JUL23-Q	Total/NA	Water	3510C	
480-210862-6	NM-MW-04-JUL23-Q-FF	Dissolved	Water	3510C	
480-210862-7	NM-MW-05-JUL23	Total/NA	Water	3510C	
480-210862-8	NM-MW-05-JUL23-FF	Dissolved	Water	3510C	
MB 480-676615/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-676615/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-210862-3 MS	NM-MW-04-JUL23	Total/NA	Water	3510C	
480-210862-3 MSD	NM-MW-04-JUL23	Total/NA	Water	3510C	
480-210862-4 MS	NM-MW-04-JUL23-FF	Dissolved	Water	3510C	
480-210862-4 MSD	NM-MW-04-JUL23-FF	Dissolved	Water	3510C	

Analysis Batch: 676635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-210862-3	NM-MW-04-JUL23	Total/NA	Water	8082A	676615
MB 480-676615/1-A	Method Blank	Total/NA	Water	8082A	676615
LCS 480-676615/2-A	Lab Control Sample	Total/NA	Water	8082A	676615
480-210862-3 MS	NM-MW-04-JUL23	Total/NA	Water	8082A	676615
480-210862-3 MSD	NM-MW-04-JUL23	Total/NA	Water	8082A	676615

Analysis Batch: 676637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-210862-1	NM-MW-02-JUL23	Total/NA	Water	8082A	676615
480-210862-2	NM-MW-02-JUL23-FF	Dissolved	Water	8082A	676615
480-210862-4	NM-MW-04-JUL23-FF	Dissolved	Water	8082A	676615
480-210862-5	NM-MW-04-JUL23-Q	Total/NA	Water	8082A	676615
480-210862-6	NM-MW-04-JUL23-Q-FF	Dissolved	Water	8082A	676615
480-210862-7	NM-MW-05-JUL23	Total/NA	Water	8082A	676615
480-210862-8	NM-MW-05-JUL23-FF	Dissolved	Water	8082A	676615
480-210862-4 MS	NM-MW-04-JUL23-FF	Dissolved	Water	8082A	676615
480-210862-4 MSD	NM-MW-04-JUL23-FF	Dissolved	Water	8082A	676615

Lab Chronicle

Client: WSP USA Inc.
Project/Site: Hudson SA-13

Job ID: 480-210862-1

Client Sample ID: NM-MW-02-JUL23
Lab Sample ID: 480-210862-1
Date Collected: 07/13/23 08:20
Matrix: Water
Date Received: 07/14/23 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			676615	LSC	EET BUF	07/17/23 14:52
Total/NA	Analysis	8082A		1	676637	NC	EET BUF	07/18/23 12:39

Client Sample ID: NM-MW-02-JUL23-FF
Lab Sample ID: 480-210862-2
Date Collected: 07/13/23 08:20
Matrix: Water
Date Received: 07/14/23 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3510C			676615	LSC	EET BUF	07/17/23 14:52
Dissolved	Analysis	8082A		1	676637	NC	EET BUF	07/18/23 13:30

Client Sample ID: NM-MW-04-JUL23
Lab Sample ID: 480-210862-3
Date Collected: 07/12/23 15:15
Matrix: Water
Date Received: 07/14/23 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			676615	LSC	EET BUF	07/17/23 14:52
Total/NA	Analysis	8082A		1	676635	W1T	EET BUF	07/18/23 07:30

Client Sample ID: NM-MW-04-JUL23-FF
Lab Sample ID: 480-210862-4
Date Collected: 07/12/23 15:15
Matrix: Water
Date Received: 07/14/23 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3510C			676615	LSC	EET BUF	07/17/23 14:52
Dissolved	Analysis	8082A		1	676637	NC	EET BUF	07/18/23 09:18

Client Sample ID: NM-MW-04-JUL23-Q
Lab Sample ID: 480-210862-5
Date Collected: 07/12/23 15:15
Matrix: Water
Date Received: 07/14/23 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			676615	LSC	EET BUF	07/17/23 14:52
Total/NA	Analysis	8082A		1	676637	NC	EET BUF	07/18/23 13:47

Client Sample ID: NM-MW-04-JUL23-Q-FF
Lab Sample ID: 480-210862-6
Date Collected: 07/12/23 15:15
Matrix: Water
Date Received: 07/14/23 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3510C			676615	LSC	EET BUF	07/17/23 14:52
Dissolved	Analysis	8082A		1	676637	NC	EET BUF	07/18/23 14:03

Lab Chronicle

Client: WSP USA Inc.
Job ID: 480-210862-1
Project/Site: Hudson SA-13

Client Sample ID: NM-MW-05-JUL23
Lab Sample ID: 480-210862-7
Date Collected: 07/13/23 09:05
Matrix: Water
Date Received: 07/14/23 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			676615	LSC	EET BUF	07/17/23 14:52
Total/NA	Analysis	8082A		1	676637	NC	EET BUF	07/18/23 14:20

Client Sample ID: NM-MW-05-JUL23-FF
Lab Sample ID: 480-210862-8
Date Collected: 07/13/23 09:05
Matrix: Water
Date Received: 07/14/23 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3510C			676615	LSC	EET BUF	07/17/23 14:52
Dissolved	Analysis	8082A		1	676637	NC	EET BUF	07/18/23 14:37

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: WSP USA Inc.
Job ID: 480-210862-1
Project/Site: Hudson SA-13

Laboratory: Eurofins Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-24

Method Summary

Client: WSP USA Inc.
Job ID: 480-210862-1
Project/Site: Hudson SA-13

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: WSP USA Inc.
Project/Site: Hudson SA-13

Job ID: 480-210862-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-210862-1	NM-MW-02-JUL23	Water	07/13/23 08:20	07/14/23 13:40
480-210862-2	NM-MW-02-JUL23-FF	Water	07/13/23 08:20	07/14/23 13:40
480-210862-3	NM-MW-04-JUL23	Water	07/12/23 15:15	07/14/23 13:40
480-210862-4	NM-MW-04-JUL23-FF	Water	07/12/23 15:15	07/14/23 13:40
480-210862-5	NM-MW-04-JUL23-Q	Water	07/12/23 15:15	07/14/23 13:40
480-210862-6	NM-MW-04-JUL23-Q-FF	Water	07/12/23 15:15	07/14/23 13:40
480-210862-7	NM-MW-05-JUL23	Water	07/13/23 09:05	07/14/23 13:40
480-210862-8	NM-MW-05-JUL23-FF	Water	07/13/23 09:05	07/14/23 13:40

10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Phone (716) 691-7991

Chain of Custody Record

Client Information	Sampler: T. Dillon	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-186040-38354.1
Client Contact: Ashlee Smith	Phone: 585-500-9871	E-Mail: John.Schove@et.eurofinsus.com	State of Origin:	Page: Page 1 of 23
Company: WSP USA Inc.	PWSID:			Job #:
Address: 40 La Riviere Drive Suite 320	Due Date Requested:			
City: Buffalo	TAT Requested (days): Standard			
State, Zip: NY, 14202	Compliance Project: Λ Yes Λ No			
Phone:	PO #: EE1705007.0016-03			
Email: Ashlee.Smith@wsp.com	WO #: EE1705007.0016-03			
Project Name: Hudson SA-13	Project #: EE1705007.0016-03			
Site: SA-13	SSOW#:			

Analysis Requested

480-210862 Chain of Custody

Preservation Codes:

- HCL
- NaOH
- Zn Acetate
- Nitric Acid
- NaHSO4
- MeOH
- Amchlor
- Ascorbic Acid
- e
- ıl Water
- K - EDTA
- L - EDA

M - Hexane
N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
R - Na2S2O3
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
V - MCAA
W - pH 4-5
Y - Trizma
Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	Total Number of containe	Special Instructions/Note:
			Preservation Code:				N		
NM-MW-02-JUL23	7/13/23	0820	G	Water	N	N	1	1	
NM-MW-02-JUL23-FF	7/13/23	0820	G	Water	Y	N	1	1	
NM-MW-04-JUL23	7/12/23	1515	G	Water	N	Y	3	3	
NM-MW-04-JUL23-FF	7/12/23	1515	G	Water	Y	Y	3	3	
NM-MW-04-JUL23-Q	7/12/23	1515	G	Water	N	N	1	1	
NM-MW-04-JUL23-Q-FF	7/12/23	1515	G	Water	Y	N	1	1	
NM-MW-05-JUL23	7/13/23	0905	G	Water	N	N	4	4	4- 250mL ambers
NM-MW-05-JUL23-FF	7/13/23	0905	G	Water	Y	N	4	4	4 - 250mL ambers

Possible Hazard Identification
■ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ■ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) See SOW

Special Instructions/QC Requirements: Temp 4.2 3.7 #1 ICE

Empty Kit Relinquished by: Date: Time: Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Matthew Firminich	7/14/23 1340	WSP		7/14/23 1340	EA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Login Sample Receipt Checklist

Client: WSP USA Inc.

Job Number: 480-210862-1

Login Number: 210862

List Source: Eurofins Buffalo

List Number: 1

Creator: Sabuda, Brendan D

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.2 3.7 #1
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	True	

C Pathway Analysis Report

Pathway Analysis Report
Special Area 13 - Second Fill Area
Dredge Spoil Disposal Site

January 2024

Prepared for:

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
625 Broadway
Albany, New York 12233

Prepared by:

ECOLOGY AND ENVIRONMENT ENGINEERING AND GEOLOGY, P.C.
40 La Riviere Drive
Buffalo, New York 14202

©2024 Ecology and Environment Engineering and Geology, P.C.

Table of Contents

Section		Page
1	**Introduction**	**1-1**
	1.1 Purpose of the Pathway Analysis	1-1
2	**Site Background**	**2-1**
	2.1 Site Description	2-1
	2.2 Site Historical Use	2-1
	2.3 Current Zoning/Use	2-1
	2.4 Environmental Assessment	2-2
	2.4.1 Summary of Previous Investigations	2-2
	2.4.2 Sample Results	2-2
	2.5 Site Remedy	2-3
3	**Identification of Constituent of Concern**	**3-1**
	3.1 Data Collection Considerations	3-1
	3.2 Available Data Sets	3-1
	3.3 Laboratory Data Quality and Usability Considerations	3-2
	3.3.1 Comparability of PCB Screening Results	3-2
	3.4 Data Usability Criteria	3-3
	3.5 Summary of Constituent of Concern	3-3
4	**Exposure Assessment**	**4-1**
	4.1 Conceptual Site Model	4-1
	4.2 Potential Transport Mechanisms	4-1
	4.3 Potentially Exposed Receptors	4-2
	4.3 Exposure Point Concentration	4-3
	4.4 Quantification of Exposure	4-3
5	**Toxicity Assessment**	**5-1**
	5.1 Toxicity Values	5-1
	5.2 Risk Estimates	5-1
	5.3 Toxicity Assessment Summary	5-2
6	**Exposure Assessment Summary**	**6-1**
	6.1 Exposure Assessment Results	6-1
	6.2 Toxicity Assessment Results	6-1
	6.3 Proposed Institutional and Engineering Controls	6-1
7	**References**	**7-1**

Table of Contents (cont.)

Appendix		Page
A	NYSDEC PAR Template	A-1
B	RAGS Part D Planning Tables	B-1
C	ProUCL 5.1 Output	C-1
D	Statistical Analysis	D-1

List of Figures

Figure		Page
1-1	Special Area-13 Location Map	1-3
2-1	Special Area-13, Second Fill Area	2-5
2-2	Surface Soil Locations, Second Fill Area	2-6
2-3	Subsurface Soil Locations, Second Fill Area	2-7
4-1	Risk Assessment Conceptual Site Model, SA 13 Dredge Spoil Disposal Area, Second Fill Area	4-6

List of Tables

Tables **Page**

2-1 Summary of Individual Aroclor Concentrations in Surface Soil Samples, Second Fill Area 2-8

2-2 Summary of Individual Aroclor Concentrations in Subsurface Soil Samples, Second Fill Area 2-9

2-3 Summary of Total PCB Concentrations in Surface Soil Samples, Second Fill Area 2-12

2-4 Summary of Total PCB Concentrations in Subsurface Soil Samples, Second Fill Area 2-13

List of Abbreviations and Acronyms

BGS	below ground surface
CFR	Code of Federal Regulations
COC	Constituent of Concern
E & E	Ecology and Environment Engineering and Geology, P.C.
HQ	Hazard Quotient
HI	Hazard Index
NYCRR	New York Codes, Rules, and Regulations
NYS	New York State
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYSDOT	New York State Department of Transportation
OSHA	Occupational Health and Safety Administration
PCB	polychlorinated biphenyl
ppm	part per million
RAGS	Risk Assessment Guidance for Superfund
RfD	Reference Dose
RI	remedial investigation
ROD	Record of Decision
RSL	Regional Screening Level
SA-13	Special Area 13 Dredge Spoil Disposal Area
SCO	soil cleanup objective
SMP	site management plan
TOC	total organic carbon
TSCA	Toxic Substances Control Act
USEPA	U.S. Environmental Protection Agency

1 Introduction

On behalf of the New York State Department of Environmental Conservation (NYSDEC), Ecology and Environment Engineering and Geology, P.C. (E & E) has prepared this Pathway Analysis Report (PAR) to identify exposure pathways and potential risk to human receptors associated with polychlorinated biphenyls (PCBs) contaminated soils at the Second Fill Area of the Special Area 13 Dredge Spoil Disposal Area (SA-13) site, NYSDEC Site No. 546041. The SA-13 site is located along the western shore of the Hudson River in the Town of Moreau, Saratoga County, New York. The Second Fill Area (the site) is located on the northern bounds of the SA-13 dredge disposal area, , and is the subject of this PAR (see Figure 1-1).

1.1 Purpose of the Pathway Analysis

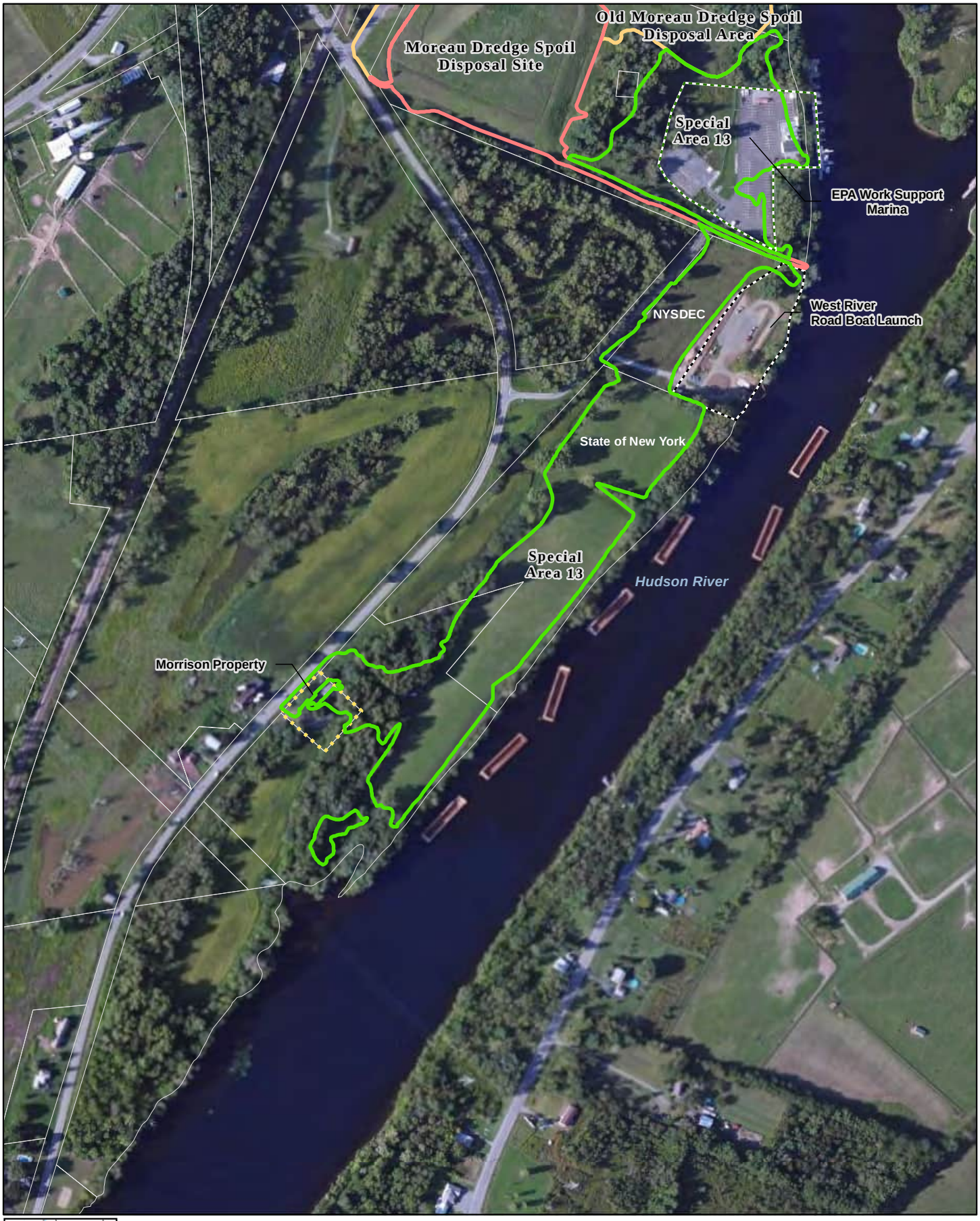
This PAR was prepared in accordance with the United States Environmental Protection Agency (USEPA) Risk Assessment Guidance for Superfund (RAGS), NYSDEC 6 NYCRR Part 375 and NYSDEC's guidelines titled *Pathway Analysis Report New York TSCA PCB Site,* provided in Appendix A of this report. This PAR is intended to support the PCB enhanced hybrid self-implementing clean-up and proposed remedial activities summarized in the *PCB Cleanup Plan for Special Area-13 Dredge Spoil Disposal Area* (E & E 2023a) and the Interim Site Management Plan (ISMP) (E & E 2023b). This PAR evaluates PCBs as the constituent group of potential concern and does not include the evaluation of other contaminants present at the site.

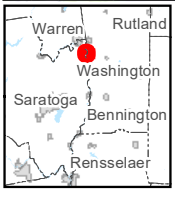
A risk assessment conceptual site model (CSM) was prepared as part of this PAR to summarize complete exposure pathways and potential human health risks associated with residual PCB contamination at the site. The CSM identifies the potential contamination source or location, transport through environmental media, activities that may result in exposure and the prospective receptor(s). The exposure scenarios characterized in this PAR consider current and future land use and site conditions.

Analytical data available from previous investigations completed at the site were used to perform a quantitative risk assessment described in this PAR. The methodologies used to perform the quantitative evaluation of risk associated with a complete exposure pathway are summarized in this report. This PAR also describes a summary of applicable standards and screening levels, methods used to

select the constituents of concern (COCs), exposure factors, routes of potential exposure, general assumptions, data usability and uncertainties.

© Ecology & Environment, Inc. GIS Department Project #
\\Bufsdl4\GIS\Buffalo\NYSDEC_RIFS\Maps\MXD\SpecialArea13\Report_Mar7_2007\Figure1-1_site_location_map_revised_Aug24_2007.mxd 8/4/2005





Morrison Property
West River Road Boat Launch
EPA Work Support Marina
Parcel Boundary
Old Moreau Dredge Spoil Disposal Area
Moreau Dredge Spoil Disposal Site
Special Area 13 Dredge Spoil Disposal Area

N
W E
S

Figure 1-1
Site Location Map
Special Area 13
Dredge Spoil Disposal Area

0 200 400 800
Feet

2 Site Background

2.1 Site Description

The SA-13 Dredge Spoil Disposal Area is located along the western shore of the Hudson River approximately 1,200 feet south of Champlain Canal Lock 7 and near Buoy 219 that marks the western margin of the navigation channel of the Champlain Canal within the Hudson River. The SA-13 site consists of four distinct areas over approximately 25.3 acres: the main dredge disposal area, the first fill area, the second fill area and the third fill area. The main dredge disposal area consists of a closed and covered basin and earthen containment berm complex built by the Waterways Maintenance Division of the New York State Department of Transportation (NYSDOT) to dewater and hold drainage network soil removed from the Champlain Canal/Hudson River navigation channel south of Canal Lock 7 and from around Rogers Island. PCB-contaminated dredge spoils from the main area were graded out onto three adjoining areas prior to its closure, one of these adjacent areas being the Second Fill Area, and is the subject of this PAR. The Second Fill Area, herein identified as the site, is located on the northern end of the overall SA-13 study area and encompasses approximately 6.3 acres (see Figure 2-1).

2.2 Site Historical Use

Available NYSDOT records report that the SA-13 dredge spoil disposal area was used between 1952 and 1979 for the disposal of up to 802,000 cubic yards of dredge spoil material during canal maintenance operations. The Second Fill Area was first utilized for the disposal of dredged material when older dredge spoil material, excavated from the main dredge disposal area, was regraded. Dredge spoil material placed on the site was believed to be slightly graded outward and upward to create a containment berm. A portion of the Second Fill Area was paved in 2008 during the construction of the Work Support Marina Facility for use during the Hudson River PCBs Site remedial dredging project.

2.3 Current Zoning/Use

The site is owned by New York State and is zoned commercial. A large portion of the site is covered with clean fill and pavement; however, the remaining portion of the site is not covered but remains vegetated. Based on the site's current use and zoning designation, the reasonably anticipated future land use will remain commercial, low occupancy.

2.4 Environmental Assessment

2.4.1 Summary of Previous Investigations

Previous investigations were performed at the site to define the nature and extent of contamination. A summary of completed investigations are as follows:

- In 1992 Malcolm Pirnie, Inc., conducted investigations of eight Hudson River upland dredge spoil sites, including PCB soil sampling at the subject site (MPI 1992). Available data from this investigation reported PCB detections as total PCB concentrations (summation of detected Aroclors), results for individual Aroclor concentrations in samples were not reported.
- In 2002, NYSDEC conducted additional surface soil samples within the subject Site. A 100-foot by 200-foot sampling grid was established across the site, with sample collection prioritized at publicly assessable areas. All surface soil samples were grab samples collected from the 0 to 2-inch depth interval and submitted for PCB analysis.
- In 2005 E & E performed remedial investigations (RIs) at the Old Moreau, and Moreau sites to define the nature and extent of PCB contamination in surface soils, subsurface soils, surface drainage, and groundwater at the sites and assess if site conditions pose a potential threat to human health or the environment (E & E 2012a,b,c). At the time of the RI work, the site, which is now part of SA-13, was included as part of the Moreau dredge spoil disposal site, located northwest of the SA-13 dredge spoil disposal area. As such, samples were collected from the site under the Moreau and Old Moreau RIs conducted by E & E.
- In July 2023, E & E conducted additional groundwater sampling at the site. Both filtered and unfiltered samples were collected from four monitoring wells and analyzed for PCBs (E & E 2023c).

2.4.2 Sample Results

The focus of this PAR is to support the PCB enhanced hybrid self-implementing cleanup and disposal application and to evaluate the implications of residual PCB contamination at the site as it relates to human health risk. As such, PCBs are the only constituent group summarized here.

PCBs were detected in many of the soil samples collected at locations across the site. PCBs were detected below the existing asphalt cover at concentrations up to 25 parts per million (ppm) (total PCB) and at concentrations up to 55 ppm in the uncovered area which exceed the NYSDEC Soil Cleanup Objectives (SCOs) for commercial use (1 ppm) (NYSDEC 2006a). Results of surface soil samples (0 to 6-inches bgs) ranged from non-detect to 5.4 ppm at sample location OM-SS-L12 collected by E & E during the Old Moreau RI (E & E 2012b) for total PCBs. Results of subsurface soil samples ranged from non-detect to 55 ppm at borehole location OM-62 sampled from the depth two to three feet bgs during the 1992 MPI investigation (MPI 1992). The primary Aroclors detected in soil samples collected at the site were Aroclor 1242, 1248, and 1254.

Groundwater analytical data from samples collected by E & E during the 2006 RI were non-detect for PCBs (E & E 2012a). Samples collected during the RI were unfiltered with a turbidity of 43 nephelometric turbidity units or less. Additional groundwater sampling was performed in 2023 by E & E. Both filtered and unfiltered samples were collected during this sampling effort to evaluate the impacts of solids (i.e. turbidity) on PCB detections in groundwater. Results of both sampling efforts indicated PCBs were not present in site groundwater at concentrations above the TSCA decontamination standard for water containing PCBs (less than or equal to 0.5 µg/L for unrestricted use) per 40 CFR 761.79(b)(1)(iii) and therefore groundwater impacts are not a concern for this site (E & E 2023).

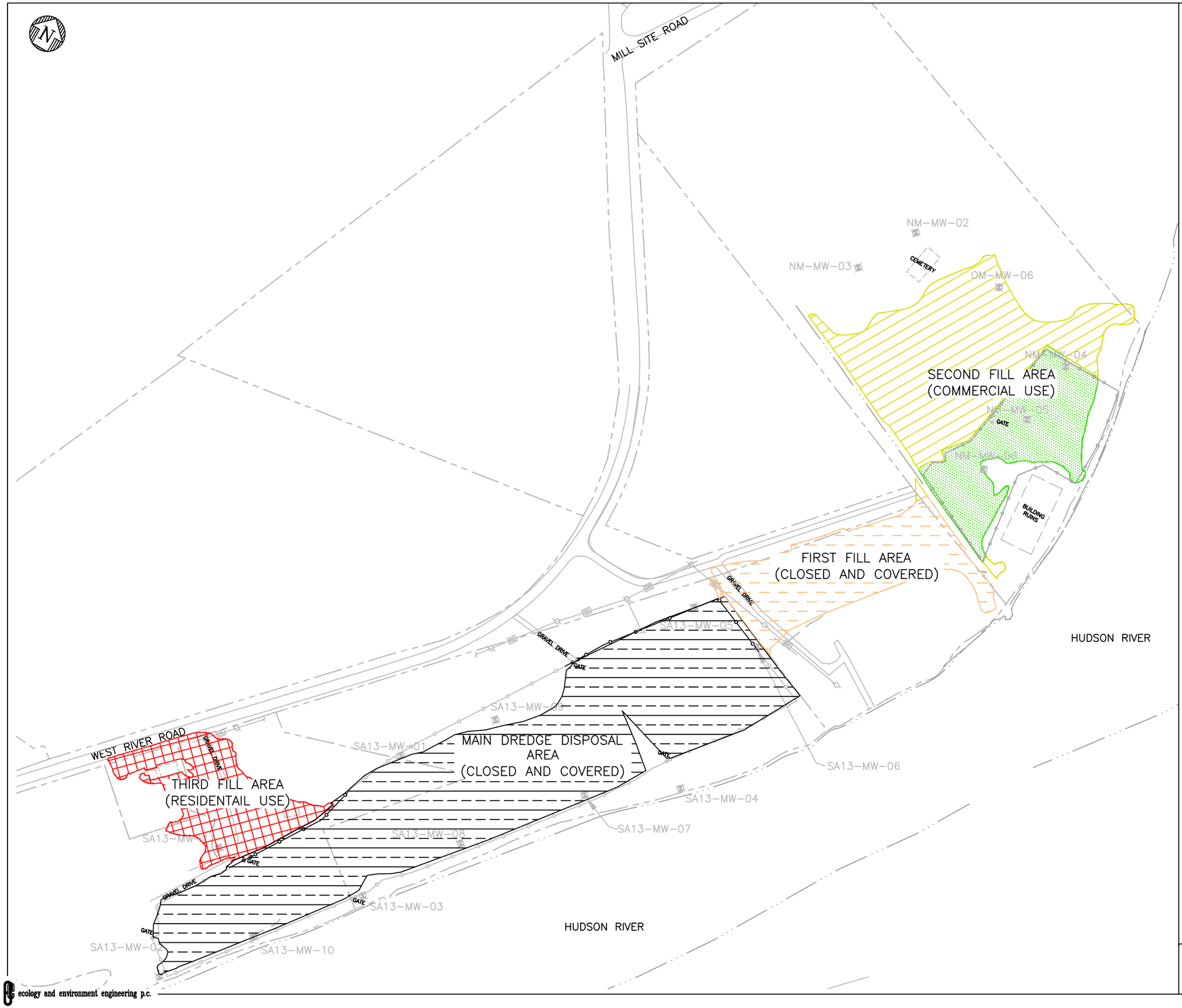
Sampling results from previous site investigations are summarized in Table 2-1 through Table 2-4. Sample locations are shown on Figures 2-2 and 2-3.

2.5 Site Remedy

In accordance with the NYSDEC's December 2012 Record of Decision (ROD) (NYSDEC 2012) and the PCB Cleanup Plan (E & E 2023a) a final site remedy has been selected for the site to remediate PCBs that remain on site at concentration exceeding the established SCO of 1 ppm. Human health-based SCOs are estimates of contaminant-specific soil levels that are without appreciable risk of either non-cancer or cancer health effects. They are based on a combination of toxicity assessment and exposure assessment. Exposure factors were considered in the development of DEC's soil cleanup objectives and are discussed in further detail in the 2006 Technical Support Document (NYSDEC 2006b) and the 2020 addendum to the Technical Support Document (NYSDEC 2020). The relevant land uses are defined as "Commercial use" which is a land use for the primary purpose of buying, selling or trading of merchandise or services. Commercial use includes passive recreational uses, which are public uses with limited potential for soil contact. The site remedy is to install a clean cover in areas of the site that exceed 1 ppm of PCBs in accordance with 40 CFR 761.61(a)(4)(i)(B) and 761.61(a)(7) In areas currently not covered with an adequate cover, the ROD calls for a one foot soil cover meeting the criteria set forth in 6 NYCRR part 375-6.7(d) The proposed cover will include a minimum of six-inches of compacted clean soils (as per 40 CFR 761.61(a)(7)) and six-inches of topsoil (total of 12-inches of cover material) placed over a demarcation layer. This soil cover will limit contact of surface water runoff with and the potential for exposure to the soil below the alternative cover by grading final surface elevations to promote storm water drainage to limit infiltration and prevent PCB contaminated soils from migrating offsite due to erosion. Existing impervious surfaces will be evaluated and augmented to meet the requirements of 40 CFR 761.61(a)(7) for asphalt/concrete caps. Potential future site exposure pathways and human receptors would be mitigated by the institutional and engineering controls. Any proposed redevelopment would be subject to the NYSDEC's Change of Use requirements and would be limited to instances where constructions workers breach the soil cover during redevelopment pursuant to requirements of a soil management plan. A Site Management Plan (SMP) will be implemented for the site that provides descriptions of the engineering and

institutional controls, and prescribes maintenance, monitoring, and reporting requirements in accordance with the NYSDEC Division of Environmental Remediation (DER) DER-10, *Technical Guidance for Site Investigation and Remediation*, dated May 2010 (NYSDEC 2010). The institutional control for the property will:

- Require the completion a periodic certification of institutional and engineering controls;
- Limit the future use and development of the Site to commercial;
- Restrict the site to low occupancy;
- Restrict the use of groundwater as a source of potable or process water;
- Prohibit agriculture or vegetable gardens; and,
- Require compliance with the Department approved Site Management Plan (which will include a soil management plan to guide any disturbance of materials containing > 1 ppm PCBs and regular inspections of the cover system).



LEGEND:

- APPROXIMATE EDGE OF WATER BOUNDARY
- APPROXIMATE LOCATION OF PROPERTY BOUNDARY (SEE NOTE 2)
- EXISTING FENCE
- APPROXIMATE LOCATION OF EXISTING STRUCTURE
- SA13–MW–04 — EXISTING MONITORING WELL
- OE — EXISTING OVERHEAD ELECTRIC
- EXISTING POWER POLE
- — EXTENT OF CAPPED LANDFILL CELL
- — EXTENT OF SOIL COVERED SPOILS; FIRST FILL AREA
- — EXTENT OF ASPHALT COVERED SPOILS; SECOND FILL AREA
- — EXTENT OF UNCOVERED SPOILS; SECOND FILL AREA
- — EXTENT OF UNCOVERED SPOILS; THIRD FILL AREA

NOTES:

1. SITE FEATURE LOCATIONS BASED ON 2003 & 2012 AERIAL PHOTOGRAPHY.
2. PROPERTY LINES ARE APPROXIMATE IN LOCATION AND ARE BASED ON SARATOGA COUNTY PARCEL DATA, 2002.
3. EXISTING UTILITIES AND POWER POLES TAKEN FROM LU ENGINEERS DRAWING 10623–08CADD10623–08 SA 13.DWG, DATED 3/16/06.

APPROXIMATE SCALE IN FEET

0 250 500 750

FIGURE 2–1 SPECIAL AREA 13 DREDGE SPOIL DISPOSAL SITE MOREAU, NEW YORK

LEGEND

NM-SS-18 ● SURFACE SOIL LOCATION

NOTE

1. ORTHO IMAGERY SHOWN IS FROM SARATOGA COUNTY (2019).
2. BOLD AND SHADED VALUES EXCEED SOIL CLEANUP OBJECTIVE OF 1 MG/KG, WHILE BOLD ITALICIZED SCREENING TEST VALUES MAY EXCEED THE SOIL CLEANUP OBJECTIVE (NYSDEC PART 375.6-8 RESIDENTIAL USE).

APPROXIMATE SCALE IN FEET

0 60 120 180

ecology and environment engineering and geology p.c.

FIGURE 2-2 SURFACE SOIL
SPECIAL AREA 13 - SECOND FILL AREA
MOREAU, NEW YORK

LEGEND

OM-55	BOREHOLE LOCATION (MPI 1992)
NM-BH-07	BOREHOLE LOCATION
OM-TP-25	TEST PIT LOCATION
OM-MW-06	MONITORING WELL LOCATION

NOTE

1. ORTHO IMAGERY SHOWN IS FROM SARATOGA COUNTY (2019).
2. BOLD AND SHADED VALUES EXCEED SOIL CLEANUP OBJECTIVE OF 1 MG/KG, WHILE BOLD ITALICIZED SCREENING TEST VALUES MAY EXCEED THE SOIL CLEANUP OBJECTIVE (NYSDEC PART 375.6-8 RESIDENTIAL USE).

APPROXIMATE SCALE IN FEET

0 60 120 180

ecology and environment engineering and geology p.c.

FIGURE 2-3 SUBSURFACE SOIL
SPECIAL AREA 13 – SECOND FILL AREA
MOREAU, NEW YORK

Table 2-1 Summary of Individual Aroclor Concentrations in Surface Soil Samples, Second Fill Area

Sample Identification	Date Collected	Method	Depth of Collection (ft)	AROCLOR 1242 (mg/Kg)	AROCLOR 1248 (mg/Kg)	AROCLOR 1254 (mg/Kg)
NM-SS-12	25-Aug-05	8082-Screen	0- 0.5	0.24 U	0.32	0.27
NM-SS-13	25-Aug-05	8082-Screen	0- 0.5	0.25 U	0.25 U	0.039 J
NM-SS-14	25-Aug-05	8082-Screen	0- 0.5	0.27 U	0.27 U	0.27 U
NM-SS-15	25-Aug-05	8082-Screen	0- 0.5	0.28 U	0.75	0.66
NM-SS-16	24-Aug-05	8082-Screen	0- 0.5	0.32 U	0.43	0.29 J
NM-SS-17	24-Aug-05	8082-Screen	0- 0.5	0.28 U	0.46	0.32 J-
NM-SS-18	24-Aug-05	8082-Screen	0- 0.5	0.27 U	0.11 J	0.17 J
NM-SS-19	24-Aug-05	8082-Screen	0- 0.5	0.24 U	0.044 J	0.044 J
NM-SS-20	24-Aug-05	8082	0- 0.5	0.022 U	0.3	0.2
NM-SS-21	24-Aug-05	8082-Screen	0- 0.5	0.28 U	2	1.2
NM-SS-22	24-Aug-05	8082	0- 0.5	0.021 U	0.21	0.16
NM-SS-23	24-Aug-05	8082-Screen	0- 0.5	0.22 U	0.22 U	0.22 U
NM-SS-24	24-Aug-05	8082	0- 0.5	0.021 UJ	0.26 J	0.17 J
NM-SS-25	24-Aug-05	8082-Screen	0- 0.5	0.27 U	0.15 J	0.13 J
NM-SS-27	9-Feb-06	8082-Screen	0- 0.5	0.32 U	0.32 U	0.32 U
NM-SS-33	9-Feb-06	8082-Screen	0- 0.5	0.33 U	0.33 U	0.33 U
NM-SS-34	9-Feb-06	8082-Screen	0- 0.5	0.29 U	0.16 J	0.29 U
NM-SS-35	9-Feb-06	8082-Screen	0- 0.5	0.24 U	0.24 U	0.24 U
NM-SS-36	9-Feb-06	8082-Screen	0- 0.5	0.26 U	0.21 J	0.18 J
NM-SS-37	9-Feb-06	8082-Screen	0- 0.5	0.32 U	0.28 J	0.16 J
NM-SS-38	9-Feb-06	8082-Screen	0- 0.5	0.2 U	0.2 U	0.2 U
NM-SS-39	9-Feb-06	8082-Screen	0- 0.5	0.23 U	0.23 U	0.23 U
NM-SS-40	9-Feb-06	8082-Screen	0- 0.5	0.31 U	0.88	0.31 U
OM-SS-L12	17-Aug-05	8082	0- 0.5	1 U	5.4	1 U
OM-SS-M11	17-Aug-05	8082-Screen	0- 0.5	0.29 U	0.29 U	0.015 J
OM-SS-M12	17-Aug-05	8082-Screen	0- 0.5	0.27 U	0.043 J	0.048 J
OM-TP-25-01	22-Aug-05	8082-Screen	0- 0.5	0.3 U	0.88	0.41
OM-TP-26-01	22-Aug-05	8082-Screen	0- 0.5	0.22 U	0.38	0.17 J

Note:

1. For samples with results available from both standard Method 8082 and Method 8082-screen, the standard Method 8082 values are show.

Key:

ft = Feet
bgs = Below ground surface.
mg/Kg = Milligrams/Kilogram.
U = Not detected at the reporting limit shown.
UJ = Not detected at the estimated reporting limit shown.
J = Estimated value ("-" is biased low and "+" is biased high)
Blank spaces indicate PCBs were not analyzed for confirmation or field duplicate samples.

Table 2-2 Summary of Individual Aroclor Concentrations in Subsurface Soil Samples, Second Fill Area

Sample Identification	Date Collected	Method	Depth of Collection (ft)	AROCLOR 1242 (mg/Kg)	AROCLOR 1248 (mg/Kg)	AROCLOR 1254 (mg/Kg)
NM-BH-10-01	7-Feb-06	8082-Screen	0.5 - 0.8	0.24 U	0.092 J	0.24 U
NM-BH-11-01	7-Feb-06	8082	2.0 - 3.0	1.0 U	15	1 U
NM-BH-11-02	7-Feb-06	8082-Screen	6.8 - 7.2	0.24 U	1.7	0.24 U
NM-BH-12-01	7-Feb-06	8082-Screen	0.3 - 1.0	0.21 U	1.9	0.21 U
NM-BH-12-02	7-Feb-06	8082-Screen	2.3 - 2.6	0.24 U	0.24 U	0.24 U
NM-BH-13-01	7-Feb-06	8082-Screen	2.4 - 2.8	0.2 U	0.2 U	0.2 U
NM-BH-14-01	7-Feb-06	8082-Screen	0.8 - 1.0	7.2	0.2 U	0.2 U
NM-BH-14-02	7-Feb-06	8082-Screen	1.1 - 1.6	0.26 U	0.26 U	0.26 U
NM-BH-15-01	7-Feb-06	8082	0.2 - 0.6	0.99 U	13	0.99 U
NM-BH-15-02	7-Feb-06	8082-Screen	2.1 - 2.6	0.26 U	0.26 U	0.26 U
NM-BH-16-01	7-Feb-06	8082-Screen	4.7 - 5.2	0.22 U	0.22 U	0.22 U
NM-BH-17-01	7-Feb-06	8082-Screen	0.4 - 1.7	0.22 U	4.4	0.22 U
NM-BH-17-02	7-Feb-06	8082-Screen	5.7 - 6.0	0.21 U	0.21 U	0.21 U
NM-BH-18-01	7-Feb-06	8082-Screen	3.0 - 3.5	0.26 U	0.26 U	0.26 U
NM-BH-19-01	7-Feb-06	8082	1.0 - 2.0	1 U	11	1 U
NM-BH-19-02	7-Feb-06	8082-Screen	2.6 - 3.1	0.26 U	0.26 U	0.26 U
NM-BH-20-01	7-Feb-06	8082-Screen	2.0 - 3.5	9.8	0.27 U	0.27 U
NM-BH-20-02	7-Feb-06	8082-Screen	3.7 - 4.0	1.6	0.29 U	0.29 U
NM-BH-21-01	7-Feb-06	8082-Screen	0.9 - 2.0	4.2	0.25 U	0.25 U
NM-BH-21-02**	7-Feb-06	8082-Screen	2.4 - 4.0	6.3	0.32 U	0.32 U
NM-BH-22-01**	7-Feb-06	8082-Screen	2.0 - 3.6	0.28 U	5.6	0.28 U
NM-BH-22-02	7-Feb-06	8082-Screen	3.7 - 4.0	0.23 U	0.23 U	0.23 U
NM-MW-02-01	28-Sep-05	8082-Screen	1	0.27 U	0.27 U	0.27 U
NM-MW-02-02	28-Sep-05	8082	3 - 4.5	0.02 U	0.021	0.05
NM-MW-02-03	28-Sep-05	8082-Screen	8.5	0.2 U	0.2 U	0.2 U
NM-MW-02-04	28-Sep-05	8082-Screen	15.5	0.25 U	0.25 U	0.25 U
NM-MW-03-01	28-Sep-05	8082-Screen	1	0.23 U	0.23 U	0.23 U

Table 2-2 Summary of Individual Aroclor Concentrations in Subsurface Soil Samples, Second Fill Area

Sample Identification	Date Collected	Method	Depth of Collection (ft)	AROCLOR 1242 (mg/Kg)	AROCLOR 1248 (mg/Kg)	AROCLOR 1254 (mg/Kg)
NM-MW-03-02	28-Sep-05	8082	5	0.021 UJ	0.021 UJ	0.021 UJ
NM-MW-03-03	28-Sep-05	8082-Screen	11	0.23 U	0.23 U	0.23 U
NM-MW-03-04	28-Sep-05	8082-Screen	17	0.21 U	0.02 J	0.21 U
NM-MW-04-01	28-Sep-05	8082-Screen	0.5	0.21 U	0.44	0.21 U
NM-MW-04-02	28-Sep-05	8082	1	0.9 U	13	0.09 U
NM-MW-04-03	28-Sep-05	8082-Screen	3	0.19 U	0.069 J	0.19 U
NM-MW-04-04	28-Sep-05	8082-Screen	11.5	0.22 U	0.22 U	0.22 U
NM-MW-04-05	28-Sep-05	8082-Screen	15	0.21 U	0.076 J	0.21 U
NM-MW-05-01	3-Oct-05	8082	1	1.8 U	12	0.18 U
NM-MW-05-02	3-Oct-05	8082-Screen	9.5	0.2 U	0.2 U	0.2 U
NM-MW-05-03	3-Oct-05	8082-Screen	17	0.22 U	0.22 U	0.22 U
NM-MW-05-04	3-Oct-05	8082-Screen	21	0.23 U	0.23 U	0.23 U
NM-MW-05-05	3-Oct-05	8082-Screen	23.5	0.29 U	0.29 U	0.29 U
NM-MW-06-01	3-Oct-05	8082-Screen	0.5	0.29 U	0.29 U	0.29 U
NM-MW-06-02	3-Oct-05	8082-Screen	6	0.3 U	0.3 U	0.3 U
NM-MW-06-03	3-Oct-05	8082	11.5	0.021 UJ	0.021 UJ	0.021 UJ
NM-MW-06-04	3-Oct-05	8082-Screen	17.5	0.28 U	0.28 U	0.28 U
NM-TP-01-01	25-Aug-05	8082-Screen	0.5	0.2 U	0.35	0.18 J
NM-TP-01-02	25-Aug-05	8082	1.5	0.94 U	16	0.94 U
NM-TP-01-03	25-Aug-05	8082-Screen	2.5	0.3 U	0.3 U	0.3 U
NM-TP-01-04	25-Aug-05	8082-Screen	9	0.21 U	0.21 U	0.21 U
NM-TP-02-01	26-Aug-05	8082-Screen	0.5	0.26 U	0.84	0.26 U
NM-TP-02-02	26-Aug-05	8082	2	0.94 U	16	0.94 U
NM-TP-02-03	26-Aug-05	8082-Screen	3	0.28 U	0.037 J	0.28 U
NM-TP-02-04	26-Aug-05	8082-Screen	8	0.28 U	0.28 U	0.28 U
NM-TP-02-05	26-Aug-05	8082-Screen	1	0.22 U	13	0.22 U
NM-TP-03-01	26-Aug-05	8082-Screen	0.5	0.24 U	0.17 J	0.24 U
NM-TP-03-02	26-Aug-05	8082	2.5	0.92 U	20	0.92 U
NM-TP-03-03	26-Aug-05	8082-Screen	6	0.23 U	0.23 U	0.23 U
NM-TP-04-01	26-Aug-05	8082-Screen	0.5	0.3 U	1.6	0.3 U
NM-TP-04-02	26-Aug-05	8082	1	1.8 U	22	1.8 U

Table 2-2 Summary of Individual Aroclor Concentrations in Subsurface Soil Samples, Second Fill Area

Sample Identification	Date Collected	Method	Depth of Collection (ft)	AROCLOR 1242 (mg/Kg)	AROCLOR 1248 (mg/Kg)	AROCLOR 1254 (mg/Kg)
NM-TP-04-03	26-Aug-05	8082-Screen	3	0.24 U	1.7	0.24 U
NM-TP-05-01	26-Aug-05	8082-Screen	0.5	0.22 U	0.12 J	0.058 J
NM-TP-05-02	26-Aug-05	8082	2.5	1.8 U	23	1.8 U
NM-TP-05-03	26-Aug-05	8082-Screen	5	0.24 U	0.24 U	0.24 U
NM-TP-05-04	26-Aug-05	8082-Screen	10	0.21 U	0.1 J	0.21 U
NM-TP-06-01	29-Aug-05	8082-Screen	0.5	0.23 UJ	0.34 J-	0.17 J
NM-TP-06-02	29-Aug-05	8082	1.5	9.9	1 U	1 U
NM-TP-06-03	29-Aug-05	8082-Screen	2	0.14 J	0.25 U	0.25 U
NM-TP-06-04	29-Aug-05	8082-Screen	8	0.29 U	0.29 U	0.29 U
NM-TP-06-05	29-Aug-05	8082-Screen	10	0.24 U	0.24 U	0.24 U
NM-TP-07-01	29-Aug-05	8082-Screen	0.5	0.24 U	0.28	0.1 J
NM-TP-07-02	29-Aug-05	8082	1.5	14	1.9 U	1.9 U
NM-TP-07-03	29-Aug-05	8082-Screen	6	0.28 U	0.28 U	0.28 U
NM-TP-07-04	29-Aug-05	8082-Screen	1.5	0.26 U	0.36	0.26 U
NM-TP-10-01	29-Aug-05	8082-Screen	1	0.27 U	0.041 J	0.019 J
NM-TP-10-02	29-Aug-05	8082	1	0.29	0.021 U	0.021 U
NM-TP-10-03	29-Aug-05	8082-Screen	7	0.23 U	0.23 U	0.23 U
OM-MW-06-01	20-Sep-05	8082-Screen	4 - 6	0.22 U	0.01 J	0.22 UJ
OM-MW-06-02	22-Sep-05	8082-Screen	15.5 - 16	0.24 U	0.24 U	0.24 UJ
OM-MW-06-03	22-Sep-05	8082	17 - 18	0.021 U	0.021 U	0.021 U
OM-TP-25-02	22-Aug-05	8082	0.5 - 5	3.7 U	46	3.7 U
OM-TP-25-03	22-Aug-05	8082-Screen	5.0 -7	0.28 U	0.064 J	0.28 U
OM-TP-25-04	22-Aug-05	8082-Screen	0.5	0.28 U	1.8	0.79
OM-TP-26-02	22-Aug-05	8082	0.5 - 8	1.7 U	20	1.7 U
OM-TP-26-03	22-Aug-05	8082-Screen	8.5	0.2 U	0.014 J	0.2 U
OM-TP-26-04	22-Aug-05	8082-Screen	0.5	0.24 U	5.6	2.1

Note:

1. For samples with results available from both standard Method 8082 and Method 8082-screen, the standard Method 8082 values are show.
2. ** = The average detection and maximum RDL if non-detect is shown for duplicate and standard sample results.

Key:

ft = Feet
bgs = Below ground surface.
mg/Kg = Milligrams/Kilogram.
U = Not detected at the reporting limit shown.
UJ = Not detected at the estimated reporting limit shown.
J = Estimated value ("-" is biased low and "+" is biased high)
Blank spaces indicate PCBs were not analyzed for confirmation or field duplicate samples.

Table 2-3 Summary of Total PCB Concentrations in Surface Soil Samples, Second Fill Area

Sample Identification	Date Collected	Depth of Collection (ft)	Unadjusted Total PCB Concentration (mg/Kg) [1] [2]	Adjusted Total PCB Concentration [2] (mg/Kg)
NM-SS-12	24-Aug-05	0 - 0.5	0.59	0.80
NM-SS-13	24-Aug-05	0 - 0.5	0.039	0.05
NM-SS-14	24-Aug-05	0 - 0.5	0.27 U	0.37 U
NM-SS-15	24-Aug-05	0 - 0.5	**1.41**	**1.94**
NM-SS-16	24-Aug-05	0 - 0.5	0.72	0.98
NM-SS-17	24-Aug-05	0 - 0.5	0.78	**1.07**
NM-SS-18	24-Aug-05	0 - 0.5	0.28	0.38
NM-SS-19	24-Aug-05	0 - 0.5	0.089	0.12
NM-SS-20	24-Aug-05	0 - 0.5	0.5	0.50
NM-SS-21	24-Aug-05	0 - 0.5	**3.2**	**4.44**
NM-SS-22	24-Aug-05	0 - 0.5	0.37	0.37
NM-SS-23	24-Aug-05	0 - 0.5	0.22 U	0.3 U
NM-SS-24	24-Aug-05	0 - 0.5	0.43	0.43
NM-SS-25	24-Aug-05	0 - 0.5	0.28	0.38
NM-SS-27	9-Feb-06	0 - 0.5	0.32 U	0.43 U
NM-SS-33	9-Feb-06	0 - 0.5	0.33 U	0.45 U
NM-SS-34	9-Feb-06	0 - 0.5	0.16	0.22
NM-SS-35	9-Feb-06	0 - 0.5	0.24 U	0.32 U
NM-SS-36	9-Feb-06	0 - 0.5	0.39	0.53
NM-SS-37	9-Feb-06	0 - 0.5	0.44	0.60
NM-SS-38	9-Feb-06	0 - 0.5	0.20 U	0.27 U
NM-SS-39	9-Feb-06	0 - 0.5	0.23 U	0.31 U
NM-SS-40	9-Feb-06	0 - 0.5	0.88	**1.21**
OM-47	10-Sep-90	0 - 0.5	2 U	2 U
OM-SS-L12	17-Aug-05	0 - 0.5	**5.40**	**5.40**
OM-SS-M11	17-Aug-05	0 - 0.5	0.015	0.03
OM-SS-M12	17-Aug-05	0 - 0.5	0.091	0.12
OM-TP-25-01	22-Aug-05	0 - 0.5	**1.29**	**1.79**
OM-TP-26-01	22-Aug-05	0 - 0.5	0.55	0.75
OM-SS-03	26-Aug-05	0 - 0.5	0.042	0.05

Note:

1. For samples with results available from both standard Method 8082 and Method 8083-screen, the standard Method 8082 values are show.

2. For samples collected during the E & E RI and analyzed under Method-8082-screen, results were adjusted using the mathematical equation derived duiring the regression analysis.

3. Bold and shaded values exceed Part 375 Commercial Use SCO of 1 mg/kg

Key:

ft = Feet
bgs = Below ground surface.
mg/Kg = Milligrams/Kilogram.
U = Not detected at the reporting limit shown.

Table 2-4 Summary of Total PCB Concentrations in Subsurface Soil Samples, Second Fill Area

Sample Identification	Date Collected	Depth of Collection	Unadjusted Total PCB Concentration (mg/Kg)	Adjusted Total PCB Concentration (mg/Kg)
NM-BH-07-01	21-Sep-05	0.5 - 1	0.18	0.24
NM-BH-07-02	21-Sep-05	3-4	0.04	0.04
NM-BH-07-03	21-Sep-05	11-12	0.22 U	0.24 U
NM-BH-10-01	7-Feb-06	0.5 - 0.8	0.09	0.12
NM-BH-11-01	7-Feb-06	2.0 - 3.0	**15**	**15**
NM-BH-11-02	7-Feb-06	6.8 - 7.2	**1.7**	**2.3**
NM-BH-12-01	7-Feb-06	0.3 - 1.0	**1.9**	**2.6**
NM-BH-12-02	7-Feb-06	2.3 - 2.6	0.24 U	0.32 U
NM-BH-13-01	7-Feb-06	2.4 - 2.8	0.2 U	0.27 U
NM-BH-14-01	7-Feb-06	0.8 - 1.0	**7.2**	**10.1**
NM-BH-14-02	7-Feb-06	1.1 - 1.6	0.26 U	0.35 U
NM-BH-15-01	7-Feb-06	0.2 - 0.6	**13**	**13**
NM-BH-15-02	7-Feb-06	2.1 - 2.6	0.26 U	0.35 U
NM-BH-16-01	7-Feb-06	4.7 - 5.2	0.22 U	0.3 U
NM-BH-17-01	7-Feb-06	0.4 - 1.7	**4.4**	**6.1**
NM-BH-17-02	7-Feb-06	5.7 - 6.0	0.21 U	0.28 U
NM-BH-18-01	7-Feb-06	3.0 - 3.5	0.26 U	0.35 U
NM-BH-19-01	7-Feb-06	1.0 - 2.0	**11**	**11**
NM-BH-19-02	7-Feb-06	2.6 - 3.1	0.26 U	0.35 U

Table 2-4 Summary of Total PCB Concentrations in Subsurface Soil Samples, Second Fill Area

Sample Identification	Date Collected	Depth of Collection	Unadjusted Total PCB Concentration (mg/Kg)	Adjusted Total PCB Concentration (mg/Kg)
NM-BH-20-01	7-Feb-06	2.0 - 3.5	**9.8**	**13.8**
NM-BH-20-02	7-Feb-06	3.7 - 4.0	**1.6**	**2.2**
NM-BH-21-01	7-Feb-06	0.9 - 2.0	**4.2**	**5.8**
NM-BH-21-02	7-Feb-06	2.4 - 4.0	**6.3**	**7.9**
NM-BH-22-01	7-Feb-06	2.0 - 3.6	**5.6**	**7.1**
NM-BH-22-02	7-Feb-06	3.7 - 4.0	0.23 U	0.31 U
NM-MW-02-01	28-Sep-05	1	0.27 U	0.37 U
NM-MW-02-02	28-Sep-05	3 - 4.5	0.07 U	0.07
NM-MW-02-03	28-Sep-05	8.5	0.2 U	0.27 U
NM-MW-02-04	28-Sep-05	15.5	0.25 U	0.34 U
NM-MW-03-01	28-Sep-05	1	0.23 U	0.31 U
NM-MW-03-02	28-Sep-05	5	0.02 U	0.02 U
NM-MW-03-03	28-Sep-05	11	0.23 U	0.31 U
NM-MW-03-04	28-Sep-05	17	0.02	0.03
NM-MW-04-01	28-Sep-05	0.5	0.44	0.60
NM-MW-04-02	28-Sep-05	1	**15**	**13**
NM-MW-04-03	28-Sep-05	3	0.01	0.09
NM-MW-04-04	28-Sep-05	11.5	0.22 U	0.3 U
NM-MW-04-05	28-Sep-05	15	0.01	0.10
NM-MW-05-01	3-Oct-05	1	**12**	**12**
NM-MW-05-02	3-Oct-05	9.5	0.2 U	0.27 U
NM-MW-05-03	3-Oct-05	17	0.22 U	0.3 U
NM-MW-05-04	3-Oct-05	21	0.23 U	0.31 U

Table 2-4 Summary of Total PCB Concentrations in Subsurface Soil Samples, Second Fill Area

Sample Identification	Date Collected	Depth of Collection	Unadjusted Total PCB Concentration (mg/Kg)	Adjusted Total PCB Concentration (mg/Kg)
NM-MW-05-05	3-Oct-05	23.5	0.29 U	0.39 U
NM-MW-06-01	3-Oct-05	0.5'	0.29 U	0.39 U
NM-MW-06-02	3-Oct-05	6'	0.30 U	0.41 U
NM-MW-06-03	3-Oct-05	11.5'	0.02 UJ	0.02 UJ
NM-MW-06-04	3-Oct-05	17.5'	0.28 U	0.38 U
OM-MW-06-01	20-Sep-05	4 - 6	0.01	0.01
OM-MW-06-02	22-Sep-05	15.5 - 16	0.24 U	0.32 U
OM-MW-06-03	22-Sep-05	17 - 18	0.021 U	0.021 U
NM-TP-01-01	25-Aug-05	0.5	0.53	0.72
NM-TP-01-02	25-Aug-05	1.5	**16**	**16**
NM-TP-01-03	25-Aug-05	2.5	0.30 U	0.41 U
NM-TP-01-04	25-Aug-05	9	0.21 U	0.28 U
NM-TP-02-01	26-Aug-05	0.5	0.84	**1.1**
NM-TP-02-02	26-Aug-05	2	**16**	**16**
NM-TP-02-03	26-Aug-05	3	0.037	0.05
NM-TP-02-04	26-Aug-05	8	0.28 U	0.38 U
NM-TP-02-05	26-Aug-05	1	**13**	**18**
NM-TP-03-01	26-Aug-05	0.5	0.17	0.23
NM-TP-03-02	26-Aug-05	2.5	**20**	**20**
NM-TP-03-03	26-Aug-05	6	0.23 U	0.31 U
NM-TP-04-01	26-Aug-05	0.5	**1.6**	**2.2**
NM-TP-04-02	26-Aug-05	1	**22**	**22**
NM-TP-04-03	26-Aug-05	3	**1.7**	**2.3**
NM-TP-05-01	26-Aug-05	0.5	0.18	0.24
NM-TP-05-02	26-Aug-05	2.5	**23**	**23**
NM-TP-05-03	26-Aug-05	5	0.24 U	0.32 U
NM-TP-05-04	26-Aug-05	10	0.10	0.13
NM-TP-06-01	29-Aug-05	0.5	0.51	0.69
NM-TP-06-02	29-Aug-05	1.5	**10**	**10**
NM-TP-06-03	29-Aug-05	2	0.14	0.19

Table 2-4 Summary of Total PCB Concentrations in Subsurface Soil Samples, Second Fill Area

Sample Identification	Date Collected	Depth of Collection	Unadjusted Total PCB Concentration (mg/Kg)	Adjusted Total PCB Concentration (mg/Kg)
NM-TP-06-04	29-Aug-05	8	0.29 U	0.39 U
NM-TP-06-05	29-Aug-05	10	0.24 U	0.32 U
NM-TP-07-01	29-Aug-05	0.5	0.38	0.52
NM-TP-07-02	29-Aug-05	1.5	**14**	**14**
NM-TP-07-03	29-Aug-05	6	0.28 U	0.38 U
NM-TP-07-04	29-Aug-05	1.5	0.36	0.49
NM-TP-10-01	29-Aug-05	1	0.06	0.08
NM-TP-10-02	29-Aug-05	1	0.29	0.29
NM-TP-10-03	29-Aug-05	7	0.23 U	0.31 U
OM-46	10-Sep-90	0-2	**13**	**13**
OM-46	10-Sep-90	2-4	**5**	**5**
OM-47	10-Sep-90	0-2	2 U	2 U
OM-47	10-Sep-90	2-4	2 U	2 U
OM-48	17-Sep-90	1-4	**3**	**3**
OM-48	17-Sep-90	4-7	**8**	**8**
OM-49	5-Sep-90	5-7	2 U	2 U
OM-50	5-Sep-90	0-4	**19**	**19**
OM-50	5-Sep-90	5-7	2 U	2 U
OM-51	6-Sep-90	0-2	**21**	**21**
OM-51	6-Sep-90	2-4	2 U	2 U
OM-52	6-Sep-90	0-2	**41**	**41**
OM-52	6-Sep-90	2-4	2 U	2 U
OM-53	5-Sep-90	1-3	**31**	**31**
OM-53	5-Sep-90	3-4	2 U	2 U
OM-54	5-Sep-90	0-2	**33**	**33**
OM-55	6-Sep-90	0-2	**7**	**7**
OM-55	6-Sep-90	5-7	2 U	2 U
OM-57	10-Sep-90	1-3.5	2 U	2 U

Table 2-4 Summary of Total PCB Concentrations in Subsurface Soil Samples, Second Fill Area

Sample Identification	Date Collected	Depth of Collection	Unadjusted Total PCB Concentration (mg/Kg)	Adjusted Total PCB Concentration (mg/Kg)
OM-57	10-Sep-90	5-7	2 U	2 U
OM-58	10-Sep-90	2-4	2 U	2 U
OM-58	10-Sep-90	4-6	**24**	**24**
OM-59	6-Sep-90	1-3	**28**	**28**
OM-59	6-Sep-90	3-4	**38**	**38**
OM-60	10-Sep-90	1-4	2 U	2 U
OM-60	10-Sep-90	5-7	11.00	11
OM-61	10-Sep-90	0-2	2 U	2 U
OM-61	10-Sep-90	5-7	2 U	2 U
OM-62	10-Sep-90	2-3	**55**	**55**
OM-62	10-Sep-90	3-4	ND	2 U
OM-TP-25-02	22-Aug-05	0.5 - 5	**46**	**46**
OM-TP-25-03	22-Aug-05	5.0 -7	0.06	0.08
OM-TP-25-04	22-Aug-05	0.5	**2.6**	**3.6**
OM-TP-26-02	22-Aug-05	0.5 - 8	**20**	**20**
OM-TP-26-03	22-Aug-05	8.5	0.01	0.01
OM-TP-26-04	22-Aug-05	0.5	**7.7**	**11**

Note:

1. For samples with results available from both standard Method 8082 and Method 8083-screen, the standard Method 8082 values are show.

2. For samples collected during the E & E RI and analyzed under Method-8082-screen, results were adjusted using
3. Bold and shaded values exceed Part 375 Commercial Use SCO of 1 mg/kg

Key:

ft = Feet
bgs = Below ground surface.
mg/Kg = Milligrams/Kilogram.
U = Not detected at the reporting limit shown.
Blank spaces indicate PCBs were not analyzed for confirmation or field duplicate samples.

3 Identification of Constituent of Concern

3.1 Data Collection Considerations

In accordance with provisions of 40 CFR 761.61 (a)(2), 40 CFR 761 Subpart N, sample collection for a site characterization is generally intended to be on a 10-foot grid system (one sample every 100 square feet). The site comprises approximately 6 acres of a larger hazardous waste site (Special Area-13 total acreage of 25.3) and to perform investigation sampling in accordance with these guidelines would have proved cost prohibitive. Statistical analysis was performed to evaluate the adequacy of the sample set available for the site study area to support a hybrid self-implementing corrective action. Results indicate that the current sample set consisting of both surface and subsurface soil samples are statistically acceptable for risk-based analysis and remedial design decision, and additional samples would provide limited benefit in reducing relative error on the mean. The statistical analysis is described in a technical memo submitted under separate cover (see Appendix D).

3.2 Available Data Sets

Data evaluated under this PAR include only samples and matrices required to quantify risk and toxicity associated with complete exposure pathways existing at the site. Complete exposure pathways identified at this site generally include incidental ingestion, dermal contact and inhalation of contaminated soil particles associated with site surface soil (0 to 6-inches bgs) and subsurface soil (> 6-inches bgs) Therefore, PCB results for surface and subsurface soil samples collected at the site during the E &E RIs and the MPI investigation were utilized in characterizing risk at the site. Analytical results from the NYSDEC 2002 investigation were not included in risk analyses performed under this PAR as validation, qualifier, and reporting limit information were not available to determine the usability of the data.

Several guidance values and standards apply to total PCB concentrations rather than individual Aroclor concentrations, including 6 NYCRR Subpart 375-6.8 SCOs. As a result, it is common for PCB detections to be expressed as total PCB concentration rather than individual Aroclor-specific detections. Accordingly, sample results from the MPI investigation were reported as total PCB concentrations to facilitate comparison to the Part 375 SCOs. Aroclor-specific detections from the MPI investigation were not available for use in this PAR. Therefore,

only total PCBs were evaluated and screened as a COC from the MPI investigation.

Both individual-Aroclor and total PCB data sets were available from the E &E RI. Therefore, both data sets were evaluated and screened as COCs under this PAR.

3.3 Laboratory Data Quality and Usability Considerations

Samples collected during the MPI investigation were submitted to Upstate Laboratory, Inc. for analysis of PCBs by USEPA method 846 Third Edition (MPI 1992). The data quality assurance measures, validation and usability considerations for analytical data gathered during the MPI investigation are unknown as sampling collection, analysis and validation were completed by others.

Samples collected at the site during the E & E RI were submitted to Severn Trent Laboratories (STL) of Buffalo, New York for laboratory analysis. In an effort to reduce analytical costs, PCBs in soil samples were analyzed using two similar analytical methods, standard EPA Method 8082 and a screening level analysis based on EPA Method 8082, which primarily differ only in the method used to extract PCBs from the sample matrix. All samples were analyzed using the screening method (EPA Method 8082-screen) and approximately 20% of the samples were analyzed using standard EPA Method 8082. The two methods are discussed in more detail in Section 3.3.1. All groundwater samples collected at the site were analyzed for PCBs using the standard EPA Method 8082 analysis. Sample collection and analysis completed during the E & E RI was conducted in accordance with the NYSDEC approved Quality Assurance Plan (QAPP), provided in the E & E Remedial Investigation Work Plan (E & E 2005). The procedures described in the QAPP were consistent with the current updates of the EPA SW-846 sampling procedures at the time of sampling. STL followed NYSDEC Analytical Services Protocol (ASP) of June 2000 for all analytical methods, quality assurance (QA)/quality control (QC), holding times, and reporting requirements. Any deviations from acceptable QC specifications are discussed in the applicable Data Usability Summary Report (DUSR), provided in the respective RI reports (E & E 2012a,b,c). Appropriate qualifiers were added to the data by the E & E data validators to indicate potential concerns with data usability.

3.3.1 Comparability of PCB Screening Results

The majority of the PCB soil samples collected during the E &E RI were analyzed by a screening method based on a modification of SW-846 EPA Method 8082. Standard EPA Method 8082 analysis for PCB samples was used for confirmation purposes. Overall correlation between screening and EPA method 8082 analysis was good. Comparison of the total PCB results of the two methods run on the same samples showed that, on average, standard EPA Method 8082 gave higher results than the screening method. Thus, the PCB data were effectively expressed in two different scales, much like temperatures expressed in the Fahrenheit and Celsius scales. To use the results in risk assessment calculations, it is necessary to convert the total PCB values to a single scale. Being the standard EPA method, Method 8082 is considered more reliable than the modified screening method;

therefore, for samples with results available from both methods, the standard Method 8082 values are used. For samples with only screening method results, the total PCB concentration determined by Method 8082-screen were converted to estimated Method 8082 values using the mathematical relationship between the two sets of values obtained by regression analysis. Comparison of the analyses indicated that a power function best described the relationship between total PCB concentrations reported for the two analytical methods, assuming a variety of shapes for the underlying data distribution (see Appendix M of the Old Moreau RI, [E &E 2012b]). The mathematical relationship used to correct the screening test data was:

$$y = 1.3714\, x^{1.0104}$$

Where:

x = reported screening test PCB concentration; and
y = estimated EPA Method 8082 PCB concentration.

6 NYCRR SCOs for PCBs are expressed in terms of total PCBs, as such, value adjustment was made to total PCB concentrations only. The relationship between Aroclor data derived from the standard USEPA Method 8082 and the Method 8082-screening has not been evaluated and Aroclor data has not been adjusted to account for discrepancies between the two analytical methods. As such, in accordance with the total PCB method comparison described above, Aroclor detections derived by Method 8082-screen may be slightly biased low. However, where sample results were available from the standard and the screening-method, the standard Method 8082 Aroclor results were utilized in the exposure assessment. Additionally, total PCBs were also screened and evaluated as a COCs under this PAR to account for uncertainty regarding Aroclor data discrepancies.

3.4 Data Usability Criteria

As indicated in Section 3.3, results for samples collected during the E & E RI were validated and qualified where potential data usability concerns exist. Qualified data were considered and assumed accurate for use in data analyses completed under this PAR. When duplicate samples were collected, the average concentrations of detected contaminants at a sampling point were utilized in calculating exposure point concentrations. Samples qualified as non-detect were evaluated as non-detect in calculating exposure point concentrations. Where detected Aroclor results were available from both the standard Method 8082 and EPA Method 8082-screen, results derived from the standard Method 8082 were used.

3.5 Summary of Constituent of Concern

Constituent detection frequency, detection limits, and regulatory criteria utilized to screen and identify COCs are summarized in accordance with requirements of Planning Table 2 of RAGS Part D and presented in Table B-2 of Appendix B. COCs were identified by comparing the maximum concentration of a chemical detected in site surface and subsurface soils with the corresponding USEPA Regional Screening Levels (RSL) or SCOs, as applicable. Individual-Aroclor

detections were compared to USEPA RSL for Industrial Soil at a target risk of 10^{-6} and a Hazard Quotient (HQ) of 0.1, released May 2023, while total PCB values were compared to 6 NYCRR Subpart 375-6.8 SCOs for Commercial Use (Low Occupancy).

Four COCs were identified in site soils for consideration in the risk assessment utilizing this methodology. Three of the four identified COCs were identified in site surface soils, while all four were identified in site subsurface soils. The identified COCs are as follows:

- Aroclor 1242 (subsurface soils only)
- Aroclor 1248 (surface and subsurface soils)
- Aroclor 1254 (surface and subsurface soils)
- Total PCBs (surface and subsurface soils)

4 Exposure Assessment

The purpose of an exposure assessment is to estimate the magnitude, frequency, duration, and route of exposure (USEPA RAGS Part A). To estimate exposure, the exposure setting and exposure pathways must be characterized. This section summarizes the exposure scenarios existing at the site considering current and future site use, and describes the methodologies used to quantify exposure.

4.1 Conceptual Site Model

COCs selected as described in Section 3 were identified to be present at the site at levels exceeding regulatory standards or guidance values. Although those regulatory criteria were developed to be health-protective, the mere presence of environmental contamination at higher concentrations does not necessarily pose an actual risk to human health. For contamination to pose a human health risk both of the following conditions must be true:

- There must be a complete pathway of exposure from the contamination to human receptors; and
- The magnitude of the receptors' exposure to contamination must be sufficient to cause an adverse health effect.

If there is no complete pathway of exposure, there will be no risk associated with the contamination. If a complete pathway exists, but the magnitude of the receptor's exposure is low, the associated risk may not be significant. Both factors need to be considered when evaluating potential human health risks posed by residual contamination at the site.

A schematic CSM was developed to identify complete exposure pathways potentially existing at the site. The CSM is provided in Figure 4-1. The CSM outlines the contaminant sources, fate and transport, exposure pathways, and receptors present at the site under current site conditions.

4.2 Potential Transport Mechanisms

Surface water flow (i.e., runoff) can be a transport mechanism that allows migration of contaminants if those contaminants are present in surface soils. Surface water flow at the site is a mechanism that potentially allows lateral migration of contaminants from surficial soil into on-site drainageways and ultimately into the Hudson River. Surface water flow at the site occurs primarily during heavy precipitation events or spring snow melts as surface runoff. The majority of the site

is vegetated with the exception of the paved portion. During heavy precipitation events, surface water from the site flows south into drainage ditches and swale located along the southern border of the site and accumulates in topographic low areas and/or infiltrates the ground. Although erosional features are not prevalent on site due to vegetative cover, PCB contamination identified in drainage network soil samples collected off-site show that migration of contaminants via surface water runoff occurs at the site, however the drainage network is a part of the neighboring NYSDEC Superfund site.

PCBs present in soils will likely remain absorbed to soil particles at the site. PCBs are relatively insoluble in water and are not expected to appreciably leach into groundwater or runoff, if present. Sampling has shown that PCBs have not leached into the groundwater below the site. The potential for leaching is further reduced by the presence of organic carbon in the soil because PCBs may bind to the carbon. Once bound, PCBs are much less likely to leach from the carbon, thus limiting the potential for transport to groundwater. Based on the analytical data, total organic carbon (TOC) concentrations in the samples ranged from 1% to 5% indicating that PCBs would most likely remain adsorbed to soil and not leach appreciably (E & E 2012 a,b,c). Additionally, since PCBs were not detected in groundwater; PCBs that have been present in site soils for greater than 35 years have not migrated to the groundwater monitoring well locations. This further demonstrates that it is unlikely for absorbed PCBs to leach from contaminated soils into groundwater under current or future conditions.

Exposure of wind to eroding PCB contaminated soils may generate contaminated airborne particles or vapors in the atmosphere. PCB chemicals present in soils may vaporize into the atmosphere when soil surfaces are exposed via removal of vegetation or general construction activities such as excavation. The physical and chemical properties vary widely across the class, however, in general, PCBs have low vapor pressures (their degree of solubility decreases with increased chlorination) (ATSDR 2000). As such, the vaporization of PCBs present in soils is unlikely, yet is conservatively evaluated as a transport mechanism under this PAR.

4.3 Potentially Exposed Receptors

Under the existing site conditions (see Section 2 for site description), residents living adjacent to the site may have contact with site surface soils (0 to 6-inches bgs) if they elect to trespass and access the site in an unauthorized manner. All surface soil data collected from the site was used to evaluate exposure for trespassers (adult and child) at the site. Exposure to trespassers may occur through incidental ingestion via hand-to-mouth contact, dermal contact, and inhalation of airborne particles or vapors from soil.

In accordance with the PCB Cleanup Plan (E & E 2023), the site is proposed to be remediated through the installation of a 12-inch cover system to reduce contact with PCB contaminated soils and prevent soil erosion. The remedial construction of the cover system will involve the placement of a demarcation layer and cover material atop of the existing soils in uncovered areas. Accordingly, it is assumed

that the construction workers installing the cover system could be exposed to site contamination via direct contact with surface soils (0 to 6-inches bgs) and potentially subsurface soils, > 6-inches bgs. All soil data collected from the site was used to evaluate exposure for adult construction works at the site under current conditions. Exposure could occur through incidental ingestion via hand-to-mouth contact, dermal contact, and inhalation of airborne particles or vapors from soil.

At present, there are no plans to develop the site for other uses and it is likely that the site will remain undeveloped in the future. It is reasonably assumed that the site use will remain low occupancy as indicated in the PCB Cleanup Plan (E & E 2023), and the site will be managed in accordance with the final SMP. The cover system will require routine maintenance to mitigate and prevent deficiencies. It is assumed that maintenance workers performing corrective action to address potential deficiencies could be exposed to existing surface and subsurface soils that will be located below the cover system under future conditions through direct contact (incidental ingestion via hand-to-mouth contact, dermal contact, and inhalation of airborne particles or vapors from the soil). All data collected from the site was used to evaluate this future scenario.

Adjacent residents may trespass on the site following the installation of a cover system. The cover system will prevent and reduce any potential exposure to PCB contaminated soils. It is highly unlikely that trespassers will be exposed to residual contamination below the cover system, mitigating this exposure pathway under future conditions.

4.3 Exposure Point Concentration

The lesser of the 95% upper confidence limit (UCL) or the maximum detected concentration was used as the exposure point concentration for area-wide risk estimates. The 95% UCLs were determined statistical tools available in the USEPA's ProUCL 5.1 freeware package. ProUCL 5.1 includes computational methods capable of handling data sets with non-detect observations, including the Kaplan-Meir (KM) method. The sample detection limit was utilized to identify non-detect values in the exposure point concentrations computations, as in accordance with the *ProUCL Version 5.1.002 Technical Guide* (USEPA 2015), it is recommended that the DL/2 substitution method is not used on the account of historic poor performance. Exposure point concentrations are provided in Table B-3 in Appendix B.

There is uncertainty associated with the Aroclor data due to the limited sample count in surface soil data and frequency of non-detect observations. However, ProUCL 5.1 provides computation methods accustomed to handling non-detect observations.

4.4 Quantification of Exposure

Risk estimates were prepared for the receptors and exposure pathways identified in the conceptual site model using default and assumed exposure factors and daily intake equations.

Default exposure factor values recommended in various EPA risk assessment guidance documents and the USEPA RSL Calculator were used in the computations when available and appropriated. Some exposure factors were customized to reflect site conditions under the subject exposure scenarios. In general, the majority of exposure factors were assumed to the default value with the exception of the following:

- Exposure Duration (ED) for the current construction work scenario;
- Exposure Frequency (EF) for the future maintenance worker scenario;
- Exposure Time (ET) for current trespasser scenario; and,
- Particulate Emissions Factor (PEF) the current construction work scenario.

These specific cases are discussed in the following sections. Exposure factors utilized are outlined in Table B-4a and B-4b in Appendix B.

Exposure factors, specifically the frequency and extent of exposure, are difficult to project. This is especially true in characterizing the exposure setting of trespassers. The frequency, duration and extent of trespassing is unknown and difficult to define. The exposure factors assumed to quantify risk associated with the trespassing scenario were conservative and reasonably assumed protective of human health. Trespassers were assumed to be exposed to surface soil only. In accordance with the Human Health Risk Assessment completed as part of the SA-13 RI report (E & E 2012c), 40 years was assumed for residential recreators at the site. This exposure frequency was assumed to be reasonably conservative and health protective for trespassers at the site under current and future conditions. An exposure time of (1) hour was assumed for trespassers, as it is reasonably assumed that trespassers will not loiter on the site at durations in excess of one hour.

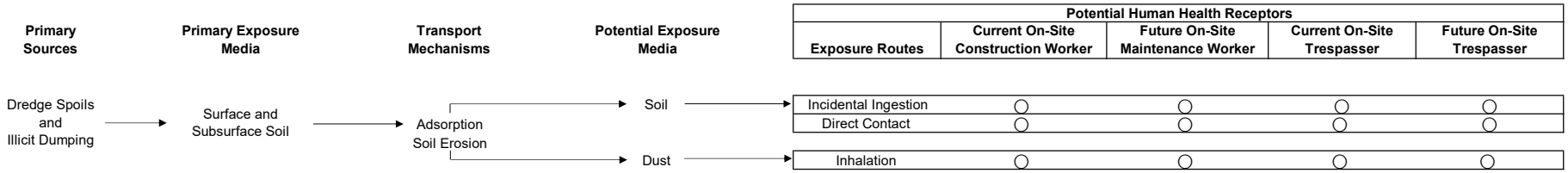
It is conservatively assumed that the remedial construction to install the cover system will take up to one years to complete. This duration is considered subchronic in accordance with USEPA RAGS Part A, being more than one day and less than seven years. As such, the subchronic reference dose (RfD) for Aroclor 1254 was utilized to evaluate non-cancer hazard associated with this current scenario no other subchronic RfDs were available. Chronic RfDs were used where subchronic RfDs were not available (See Section 5.1). Considering the wide range of construction activities that may occur, it was required that the PEF utilized to determine the concentration of contamination in the air as part of the inhalation risk assessment, is calculated to account for site specific parameters. As such, the PEF for the current construction scenario was calculated assuming conservative site conditions. The PEF calculations are provided in Table B-4b in Appendix B.

Future maintenance workers were assumed to be exposed to existing surface and subsurface soils that will be located beneath the cover system under future conditions. It is assumed that the maintenance workers will mow the covered portion of the site two times per month, six months out of the year. In addition to regular

mowing required during the growing season, it is assumed that additional maintenance needs will be required under the final SMP. The extent of required maintenance is to be determined but is reasonably assumed to include repairing the cover system to design conditions. Both scenarios inevitably present opportunity for potential exposure to residual PCB contamination in surface and subsurface soils. Considering, exposure to both surface and subsurface soils was estimated for future maintenance workers. Therefore, the exposure frequency was estimated at 17-days to account for regular mowing and potential maintenance needs required under the final SMP.

Equations used to estimate daily intake were determined in accordance with Section 6.4 of USEPA RAGS Part A, and USEPA's *Memorandum – Human Health Evaluation Manual, Supplemental Guidance* (USEPA 2014). Equations and assumptions utilized to compute daily intake are presented in Table B-4a and Table B-4b in Appendix B.

Figure 4-1 **Risk Assessment Conceptual Site Model**
SA 13 Dredge Spoil Disposal Area, Second Fill Area



Key:
◯ = Potential exposure pathway exist and is considered in risk assessment

5 Toxicity Assessment

5.1 Toxicity Values

Quantitative toxicity values – oral cancer slope factors, inhalation unit risk factors and non-cancer reference doses – provided in USEPA RSL summary table (target risk of 10^{-6} and a HQ of 0.1) for individual Aroclors and available from the EPA's Integrated Risk Information System (IRIS) for total PCBs were used in assessing risk and hazard associated with residual PCB contamination at the site. Toxicity values utilized to assess risk and hazard at the site under current and future site conditions are provided in Table B-5 in Appendix B. In accordance with USEPA 1996 PCB Cancer Assessment, and the NYSDEC PAR template (Appendix A), the noncancer RfD for Aroclor 1016 was applied to Aroclor 1242, and the Aroclor 1254 RfD was applied to Aroclor 1248 to compute hazard computations. The construction worker scenario is subchronic as the exposure duration is less than seven years. As such, the subchronic RfD was used to evaluate non-carcinogenic hazard associated with exposure to Aroclor 1254 in surface and subsurface soils for the construction worker scenario. No other subchronic RfDs were available, therefore, chronic RfDs were utilized to perform the toxicity assessment.

5.2 Risk Estimates

A summary of the areawide risk estimates for all receptor groups is provided in Table B-6a through B-6b in Appendix B.

The potential carcinogenic risk posed by site COCs was estimated by multiplying the chemical intake by the applicable oral cancer slope factor or the Inhalation Unit Risk (IUR) for inhalation risk estimates, as shown in the following equation:

Ingestion Risk = SF x CDI
Dermal Risk = SF x DAD
Inhalation Risk = EC x IUR

Where:

CDI	=	Chronic Daily Intake (mg/kg-day)
DAD	=	dermally absorbed dose (mg/kg-day)
EC	=	Exposure Concentration (mg/m^3-day)
SF	=	Oral Cancer Slope Factor $(mg/kg\text{-}day)^{-1}$
IUR	=	Inhalation Unit Risk $(ug/m^3\text{-}day)^{-1}$

The non-cancer toxicity HQ posed by site COCs was estimated by dividing the chemical intake by the applicable RfD, as shown in the following equation:

$$HQ_{ingestion} = CDI / RfD$$
$$HQ_{dermal} = DAD / RfD$$

Where:

CDI	=	Chronic Daily Intake (mg/kg-day)
DAD	=	dermally absorbed dose (mg/kg-day)
RfD	=	Non-cancer reference dose (mg/kg-day)

The total hazard index (HI) is calculated by summing individual HQs of each receptor for each respective complete exposure pathway.

5.3 Toxicity Assessment Summary

Human health excess cancer risk and non-cancer hazard estimates were calculated for current and potential future users of the site. Current human site users include adult and child trespassers and adult construction workers. Current site trespassers were assumed to be exposed only to surface soil at the site. If the site is remediated in accordance with the ROD and the PCB cleanup plan (E & E 2023), potential temporary construction workers were assumed to be exposed to surface and subsurface soils at the site during the course of remedial construction. If the site is remediated, the site will require maintenance to ensure the adequacy of the cover system. As such, it is assumed that potential future maintenance workers will be exposed to existing site soils located below the cover system when performing repairs or miscellaneous maintenance of the cover system. Exposure to groundwater or surface water was not considered for current or future receptors.

Current Site Use

As shown in Table 6-1 and 6-2, total excess cancer risk estimates associated with the current COCs for current site users are within the 10^{-4} to 10^{-6} range generally considered acceptable by USEPA and NYSDEC/NYSDOH. Likewise, non-cancer hazard estimates for adult and child trespassers and adult construction workers are at or below level of potential concern – a non-cancer hazard index of 1.

Future Site Use

As shown in Table B-6c and Table B-6d in Appendix B, total excess cancer risk estimates for future site users exposed to the identified COCs are within or below the 10^{-4} to 10^{-6} range generally considered acceptable by the USEPA and NYSDEC/NYSDOH. Likewise, non-cancer hazard estimates for future site users are below a level of potential concern.

6 Exposure Assessment Summary

6.1 Exposure Assessment Results

Site contaminants designated as COCs were identified to be present in site soils at levels exceeding appliable regulatory standards and guidance values. As described in previous sections, it is possible that trespassers, construction workers and maintenance workers may come in contact with residual PCB contamination present at the site under current conditions. Though nearly all of these exposure pathways will be mitigated through the implementation of the cover system as described in Section 2.5. The only complete exposure pathway that will remain after implementation of the site remedy is the potential for future maintenance works to come in contact with residual PCB contamination while performing maintenance on the cover system. The risk associated with this exposure pathway will be reduced through the implementation of the SMP, health and safety precautions, and the use of personal protective equipment.

6.2 Toxicity Assessment Results

The toxicity assessment described in the previous sections qualitatively characterized risk associated with the residual PCB contamination present at the site under current and future site conditions. In accordance with results of the toxicity assessment, total excess cancer risk and non-cancer estimates indicate residual PCB contamination does not pose a significant threat to potential receptors and are generally considered acceptable by the USEPA and NYSDEC/NYSDOH. The greatest risk posed by residual contamination at the site is associated with potential exposure of construction workers and trespassers to Aroclor 1248 contamination in surface soils under current site conditions. The excess cancer risk for this exposure pathway was estimated to be 1.10×10^{-6}. This risk estimate is within the acceptable range as determined by USEPA and NYSDEC/NYSDOH and does not take into account any personal protective equipment or health and safety precautions that will be implemented by construction workers at the time of construction.

6.3 Proposed Institutional and Engineering Controls

As indicated in Section 2.5, the proposed site remedy includes the installation of a soil cover system on currently uncovered areas of the site. The cover system is proposed to consist of a demarcation layer above the dredge spoil material, and 12-inches of cover material meeting standards set forth in 6 NYCRR part 375-6.7(d). The Design will prevent the direct contact with residual PCB contamination at the site. In accordance with the ROD, long-term monitoring and

maintenance will be performed as indicated in the final NYSDEC approved SMP to ensure imposed engineering and institutional controls remain in place and protective of human health and the environment. As such, it is reasonably assumed that the site will pose minimal risk to potential receptors following the completion of the proposed site remedy.

In accordance with the ROD, an institutional control in the form of an environmental easement or an environmental notice will be imposed to restrict the use of the property to commercial use only and provide perpetual notification to potential future purchasers of the existing remedial site conditions. Details regarding the content of the institutional controls are provided in the PCB Cleanup Plan (E & E 2023).

7 References

Agency for Toxic Substances and Disease Registry (ATSDR). 2000. Toxicological Profile for Polychlorinated Biphenyls (PCBs). Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Ecology and Environment Engineering and Geology, P.C. (E & E). 2023a. PCB Cleanup Plan, Special Area 13 Dredge Spoil Area. November 2023.

E & E. 2023b. Interim Site Management Plan, Special Area 13 Dredge Spoil Area. November 2023.

E & E. 2023c. Wetlands and Waterbodies Report for Special Area 13 Dredge Spoil Area. June 2023

E & E. 2012a. Remedial Investigation Report for the Moreau Dredge Spoil Disposal Site, Moreau, New York. February 2012.

E & E. 2012b. Remedial Investigation Report for the Old Moreau Dredge Spoil Disposal Area. February 2012.

E & E. 2012c. Remedial Investigation Report for the Special Area 13 Dredge Spoil Disposal Area. February 2012.

E & E. 2012d. Feasibility Study Report for the Moreau Dredge Spoil Disposal Site, Moreau, New York. February 2012.

E & E. 2012e. Feasibility Study Report for the Old Moreau Dredge Spoil Disposal Area. February 2012.

E & E. 2012f. Feasibility Study Report for the Special Area 13 Dredge Spoil Disposal Area. February 2012.

E & E. 2005. Final Technical Work Plan for the Remedial Investigation and Feasibility Study at the Old Moreau Dredge Spoil Site, Site No. 5-46-040, Moreau, New York. 2005.

E & E. 2004. Draft IIWA Report Submittal – Morrison Property. February 2004.

Malcom Pirnie, Inc. (MPI). 1992. Hudson River PCB Project, Dredge Spoil Sites Investigation. December 1992.

New York State Department of Environmental Conservation (NYSDEC). 2020. New York State Brownfield Cleanup Program Development of Soil Cleanup Objectives Technical Support Document 2020 Addendum. July 2020. Available online at *https://extapps.dec.ny.gov/docs/remediation_hudson_pdf/part375techsupport.pdf*

NYSDEC. 2012. Record of Decision, Special Area 13 Dredge Spoil Disposal Area, State Superfund Project, Moreau, Saratoga County Site No. 546041. December 2012.

NYSDEC. 2010. DER-10 – Technical Guidance for Site Investigation and Remediation.

NYSDEC. 2006a. Remedial Program Soil Cleanup Objectives, 6 NYCRR Sub part 375-6.8, December 14, 2006

NYSDEC. 2006b. Development of Soil Cleanup Objectives Technical Support Document. September 2006. Available online at *https://extapps.dec.ny.gov/docs/remediation_hudson_pdf/techsuppdoc.pdf*

United States Environmental Protection Agency (USEPA) 2015. ProUCL Version 5.1.002, Technical Guide, October 2015.

USEPA. 2014. Memorandum – Human Health Evaluation Manual, Supplemental Guidance: Update of Standard Default Exposure Factors. OSWER Directive 9200.1-120. February 2014.

USEPA. 2009. Risk Assessment Guidance for Superfund: Volume 1: Human Health Evaluation Manual, Part F. January 2009.

USEPA. 2001. Risk Assessment Guidance for Superfund: Volume 1: Human Health Evaluation Manual, Part D. December 2001.

USEPA. 1989. Risk Assessment Guidance for Superfund: Volume 1: Human Health Evaluation Manual, Part A. December 1989.

A NYSDEC PAR Template

PATHWAY ANALYSIS REPORT
NEW YORK TSCA PCB SITES

The Pathway Analysis Report (PAR) will be developed in accordance with the EPA Risk Assessment Guidelines for Superfund (RAGS; USEPA 1989, 2001, 2004, 2009) and more recent applicable guidance (e.g., USEPA 2014, 2018). It will include the following four steps that will be described in text and detailed in tables, to be provided in the format of USEPA RAGS, Part D (USEPA 2001) Tables 1 through 6:

1. Hazard Identification:

o Identify the purpose of the PAR.

o Describe the Site location, history and contamination.

o Describe the collection and preparation of the data set for evaluation in the PAR.

o The PAR will evaluate Site-wide data and focus on residual PCB concentration ranges specific to your site's risk-based application (e.g. greater than 1 mg/kg and less than or equal to 25 mg/kg).

o Identify constituents of potential concern (COPCs) by comparison of the maximum detected PCB Aroclor concentrations to applicable standards and risk-based screening levels:

- USEPA TSCA Bulk PCB Remediation Waste Cleanup Levels for High Occupancy and Low Occupancy Areas

- USEPA Regional Screening Levels (RSLs), Residential and Non-Residential Soil RSLs for Aroclors and Total PCBs at a target risk of 1E-06 and an HI of 0.1 (most current version found at https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables

- 6 NYCRR Part 375, Industrial Restricted Use Soil Cleanup Objective of 25 mg/kg for Total PCBs (NYSDEC 2006)

2. Exposure Assessment:

o Develop a risk assessment conceptual site model (CSM) that presents the contamination sources, fate and transport, exposure pathways, and receptors for the site in a schematic format, similar to that shown in attached Figure 1. The CSM allows for a broader understanding of the potential exposure pathways and receptors and how contaminants migrate between environmental media. It also helps to focus what data is needed for the evaluation.

o Identify potential current and future site exposure pathways and human receptors based on the Site history, current Site conditions and use, adjacent land uses, and proposed redevelopment. Please note that a variety of cleanup scenarios can be evaluated, along with the use of engineering and institutional controls. The nature and extent of contamination information as well as from direct observations resulting from a Site visit will also be considered.

o Calculate statistical exposure point concentrations (EPCs). EPCs are the 95 percent upper confidence limit (UCL) of the arithmetic mean or maximum observed concentration of an individual COPC, whichever is lower.

o Identify the exposure factors that detail receptors' exposure to the COPCs, e.g., exposure duration, incidental soil ingestion rate (USEPA 2011, 2014).

o Present the equations to calculate exposure doses.

3. Toxicity Assessment:

o Identify the current toxicity values for the COPCs using the EPA RSL table, which provides values from a hierarchy of established sources (USEPA 2003, 2018).

o While there are cancer toxicity values for the individual Aroclors, noncancer oral reference doses (RfD) are available only for Aroclor 1016 and 1254. The noncancer RfD for PCB-1016 will be applied for PCB-1221, 1232 and 1242 while the PCB-1254's RfD will be applied for PCB-1248, 1260, 1262 and 1268. This is based on information from the USEPA 1996 PCB Cancer Assessment document and is consistent with methodology used for risk assessments on Superfund sites in Region 2. Subchronic toxicity values will be used when available for a construction worker scenario.

4. Hazard Identification

o Compare the calculated EPCs with the applicable NYSDEC and EPA risk-based screening levels mentioned above.

o Detail how the engineering and institutional controls will address the PCBs found at the site for each medium.

References

NYSDEC. 2006. 6 NYCRR Part 375. Environmental Remediation Programs. December 14. Available online: http://www.dec.ny.gov/chemical/brownfields.html

USEPA. 1989. Risk Assessment Guidance for Superfund, Volume I, Human Health Evaluation Manual, Part A. Interim Final. EPA/540/1-89/002. December. Available online: https://www.epa.gov/risk/riskassessment-guidance-superfund-rags-part

USEPA, 1996. PCBs: Cancer Dose-Response Assessment and Application to Environmental Mixtures September 1996 EPA/600/P–96/001F https://www.epa.gov/sites/production/files/2015-10/documents/pcbs_cancer_dose-response_assessment_and_application_to_environmental_mixtures.pdf

USEPA. 2001. Risk Assessment Guidance for Superfund, Volume I, Human Health Evaluation Manual, Part D. Final. 9285.7-47. December. Available online: https://www.epa.gov/risk/risk-assessment-guidancesuperfund-rags-part-d

USEPA. 2003. Human Health Toxicity Values in Superfund Risk Assessments. Memorandum. OSWER Directive 9285.7-53. December 5. Available online: https://www.epa.gov/risk/superfund-riskassessment-human-health-topics

USEPA. 2004. Risk Assessment Guidance for Superfund Volume I: Human Health Evaluation Manual. Part E Supplemental Guidance for Dermal Risk Assessment. Final. EPA/540/R/99/005. July. Available online: https://www.epa.gov/risk/risk-assessment-guidance-superfund-rags-part-e

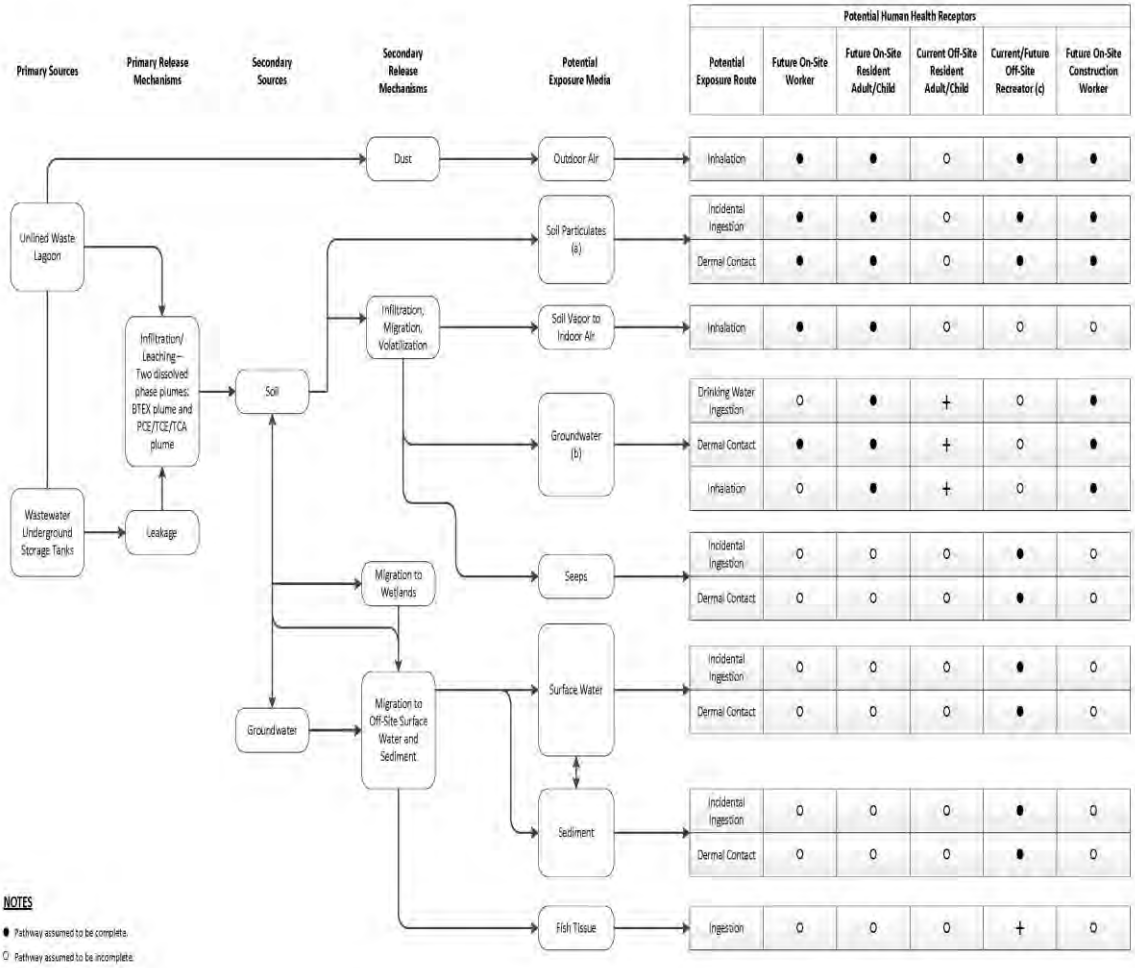
USEPA. 2009. Risk Assessment Guidance for Superfund Volume I; Human Health Evaluation Manual. Part F Supplemental Guidance for Inhalation Risk Assessment. EPA-540-R-070-002. January. Available online: https://www.epa.gov/risk/risk-assessment-guidance-superfund-rags-part-f

USEPA. 2011. Exposure Factors Handbook: 2011 Edition. EPA/600/R-090/052F. September. Separate Chapters Last Updated July 2018. Available online: http://cfpub.epa.gov/ncea/risk/recordisplay.cfm?deid=236252

USEPA. 2014. Memorandum – Human Health Evaluation Manual, Supplemental Guidance: Update of Standard Default Exposure Factors. OSWER Directive 9200.1-120. February. Available online: https://www.epa.gov/risk/update-standard-default-exposure-factors

USEPA. 2018. Regional Screening Levels: Generic Tables, Equations, User's Guide. May. Available online: https://www.epa.gov/risk/regional-screening-levels-rsls

Figure 1
Human Health Conceptual Site Mode
FORMAT EXAMPLE



Potential Human Health Receptors					
Potential Exposure Route	Future On-Site Worker	Future On-Site Resident Adult/Child	Current Off-Site Resident Adult/Child	Current/Future Off-Site Recreator (c)	Future On-Site Construction Worker
Inhalation	●	●	O	●	●
Incidental Ingestion	●	●	O	●	●
Dermal Contact	●	●	O	●	●
Inhalation	●	●	O	O	O
Drinking Water Ingestion	O	●	+	O	●
Dermal Contact	●	●	+	O	●
Inhalation	O	●	+	O	●
Incidental Ingestion	O	O	O	●	O
Dermal Contact	O	O	O	●	O
Incidental Ingestion	O	O	O	●	O
Dermal Contact	O	O	O	●	O
Incidental Ingestion	O	O	O	●	O
Dermal Contact	O	O	O	●	O
Ingestion	O	O	O	+	O

NOTES

● Pathway assumed to be complete.

O Pathway assumed to be incomplete.

+ Pathway will be evaluated qualitatively.

(a) A on-site worker and resident assumes exposure to 0-2 ft soil while a construction worker assumes 0-10 ft soil

(b) Although bottled water is supplied at the facility, there is potential for dermal contact with groundwater.

(c) The exposure factors for a wader's dermal contact with surface water and sediment will be incorporated.

ABBREVIATIONS

BTEX: benzene, toluene, ethylbenzene, xylenes; PCE: tetrachloroethene; TCA: 1,1,1-trichloroethane; TCE: trichloroethene

B RAGS Part D Planning Tables

Table B-1 Selection of Exposure Pathways

Scenario Timeframe	Primary Source	Receptor Population	Receptor Age	Exposure Medium	Exposure Point	Exposure Route	Type of Analysis	Rationale for Selection or Exclusion of Exposure Pathway
Current	Dredged Spoils and Illicit Dumping	Construction Worker	Adult	Soil	Surface Soil (0 to 6 inches bgs) Subsurface Soil (> 6 inches bgs) Dust	Ingestion Inhalation	Quantitative	In accordance with the ROD and PCB Cleanup Plan, the site remedy includes the construction of a cover system. Potential exposure pathways exist related to general construction activities including exposure to surface and subsurface soils.
Current	Dredged Spoils and Illicit Dumping	Trespassers	Adult & Child	Soil	Surface Soil (0 to 6 inches bgs) Dust	Ingestion Inhalation	Quantitative	Although preventative measures are in place, it is possible that trespassers may access the site in an unauthorized manner. As such, the potential exposure pathway of trespassers coming in direct contact with site surface soils under current site conditions was considered. Following the installation of a cover system, this exposure pathway will be mitigated and no longer present at the site.
Future	Dredged Spoils and Illicit Dumping	Maintenance Worker	Adult	Soil	Surface Soil (0 to 6 inches below covers system) Subsurface Soil (> 6 inches below cover system) Dust	Ingestion Dermal Inhalation	Quantitative	Future maintenance needs will include mowing (consistent with existing requirements), but will also include the O&M of the proposed cover system. As such, the potential exposure pathway for maintenance workers to come in direct contact with surface and subsurface soils to perform repairs and maintenance as required was considered.

Table B-2 Occurrence, Distribution, and Selection of Constituent of Concern

Exposure Point	CAS Number	Constituent Group	Chemical	Total Sample Count	Detection Frequency	Minimum Detected Concentration (mg/kg)	Maximum Detected Concentration (mg/kg)	Location of Maximum Concentration	Range of Reporting Limits for ND Results (mg/kg)	Concentration Used for Screening	NYSDEC Commercial Use (Low Occupancy) SCO (mg/kg)[2]	USEPA RSL Industrial Soil (mg/kg)[3]		COC Flag (Y/N)	Rationale
Surface Soil	53469-21-9	PCB	Aroclor 1242	29	0/29	--	--	--	0.02 - 1.0	Non-detect	--	0.95	c	N	Non-detect
	12672-29-6	PCB	Aroclor 1248	29	20/29	0.042	5.4	OM-SS-L12	0.2 - 0.33	5.4	--	0.94	c	Y	Exceeds USEPA RSL
	11097-69-1	PCB	Aroclor 1254	29	18/29	0.015	1.2	NM-SS-21	0.2 - 1.0	1.2	--	0.97	c**	Y	Exceeds USEPA RSL
	1336-36-3	PCB	Total PCB [1][4]	30	22/30	0.026	5.4	OM-SS-L12	0.27 - 2.0	5.4	1	0.94	c	Y	Exceeds USEPA RSL
Subsurface Soil	53469-21-9	PCB	Aroclor 1242	84	9/84	0.14	14	NM-TP-07-02	0.02 - 3.7	14	--	0.95	c	Y	Exceeds USEPA RSL
	12672-29-6	PCB	Aroclor 1248	84	40/84	0.01	46	OM-TP-25-02	0.021 - 1.9	46	--	0.94	c	Y	Exceeds USEPA RSL
	11097-69-1	PCB	Aroclor 1254	84	8/84	0.019	2.1	OM-TP-26-04	0.021 - 3.7	2.1	--	0.97	c**	Y	Exceeds USEPA RSL
	1336-36-3	PCB	Total PCB [1][4]	117	66/117	0.013	55	OM-62	0.02 - 2.0	55	1	0.94	c	Y	Exceeds USEPA RSL and NYSDEC SCO

Notes:

1. Total PCB is equal to the summation of all detected Aroclors.
2. 6 NYCRR Part 375 Commercial Use (Low Occupancy) Soil Cleanup Objective (SCO).
3. USEPA Regional Screening Level (RSL) Summary Table (TR=1E-06, HQ=0.1), released May 2023.
4. Individual Aroclor data was not available for a number of samples collected at the site where Total PCB results were. See report text for data usability and uncertainty associated with sample set size.

Key:

mg/kg = micrograms per kilograms (for all soil sample results)
c= cancer
n=noncancer
* = where: nc SL < 100X ca SL; ** = where nc SL
-- = not applicable/not available

Table B-3 Exposure Point Concentration Summary

Exposure Point	COC	Units	Mean	Mean Statistical Method	95% UCL	Statistic	Maximum Concentration	Exposure Point Concentration		
								Value	Unit	Rationale
	Aroclor 1248	mg/kg	0.498	KM Mean	2.19	KM H-UCL	5.4	2.192	mg/kg	Lower of max and UCL
	Aroclor 1254	mg/kg	0.211	KM Mean	0.317	Adjusted Gamma KM UCL	1.2	0.317	mg/kg	Lower of max and UCL
Surface Soil	Total PCB [(1)]	mg/kg	0.783	KM Mean	1.409	Adjusted Gamma KM UCL	5.4	1.409	mg/kg	Lower of max and UCL
	Aroclor 1242	mg/kg	0.668	KM Mean	1.119	KM (t) UCL	14	1.119	mg/kg	Lower of max and UCL
	Aroclor 1248	mg/kg	3.21	KM Mean	6.8	KM (Chebyshev) UCL	46	6.8	mg/kg	Lower of max and UCL
	Aroclor 1254	mg/kg	0.0957	KM Mean	0.161	KM Apprx. Gamma UCL	2.1	0.161	mg/kg	Lower of max and UCL
Subsurface Soil	Total PCB[(1)]	mg/kg	5.94	KM Mean	10.25	KM (Chebyshev) UCL	55	10.25	mg/kg	Lower of max and UCL

Notes:

1. Total PCB is equal to the summation of all detected Aroclors
2. KM - Kaplan Meier Statistics (see ProUCL output, Appendix C)

Table B-4a Risk Factors Used for Daily Intake Calculations

Exposure Route	Receptor Population	Receptor Age	Exposure Point	Parameter Code	Parameter Definition	Value	Units	Rationale	Intake Equation
Incidental Ingestion	Construction Worker (current)	Adult	Surface Soil (0 - 6 inch)	CS	Chemical Concentration in Soil	See Table 3	mg/kg	EPC Calculations	CDI = (CS x IR x FI x EF x ED x CF)/(BW x AT)
				IR	Ingestion Rate of Soil	100	mg/day	1	
				FI	Fraction Ingested	1	unitless	assumption	
				EF	Exposure Frequency	250	days/year	1	
				ED	Exposure Duration	1	years	assumption	
				CF1	Conversion Factor	1.00E-06	kg/mg		
				BW	Body Weight	80	kg	1	
				AT - NC	Averaging Time - Non-Cancer	365	days	2	
				AT - C	Averaging Time - Cancer	25550	days	2	
Incidental Ingestion	Trespasser (current)	Adult	Surface Soil (0 - 6 inch)	CS	Chemical Concentration in Soil	See Table 3	mg/kg	EPC Calculations	CDI = (CS x IR x FI x EF x ED x CF)/(BW x AT)
				IR	Ingestion Rate of Soil	100	mg/day	1	
				FI	Fraction Ingested	1	unitless	assumption	
				EF	Exposure Frequency	40	days/year	assumption	
				ED	Exposure Duration	20	years	1	
				CF1	Conversion Factor	1.00E-06	kg/mg		
				BW	Body Weight	80	kg	1	
				AT - NC	Averaging Time - Non-Cancer	7300	days	2	
				AT - C	Averaging Time - Cancer	25550	days	2	
Incidental Ingestion	Trespasser (current)	Child	Surface Soil (0 - 6 inch)	CS	Chemical Concentration in Soil	See Table 3	mg/kg	EPC Calculations	CDI = (CS x IR x FI x EF x ED x CF)/(BW x AT)
				IR	Ingestion Rate of Soil	200	mg/day	1	
				FI	Fraction Ingested	1	unitless	assumption	
				EF	Exposure Frequency	40	days/year	assumption	
				ED	Exposure Duration	6	years	1	
				CF1	Conversion Factor	1.00E-06	kg/mg		
				BW	Body Weight	15	kg	1	
				AT - NC	Averaging Time - Non-Cancer	2190	days	2	
				AT - C	Averaging Time - Cancer	25550	days	2	
Incidental Ingestion	Maintenance Worker (future)	Adult	Surface Soil (0 - 6 inch)	CS	Chemical Concentration in Soil	See Table 3	mg/kg	EPC Calculations	CDI = (CS x IR x FI x EF x ED x CF)/(BW x AT)
				IR	Ingestion Rate of Soil	100	mg/day	1	
				FI	Fraction Ingested	1	unitless	assumption	
				EF	Exposure Frequency	17	days/year	1	
				ED	Exposure Duration	25	years	assumption	
				CF1	Conversion Factor	1.00E-06	kg/mg		
				BW	Body Weight	80	kg	1	
				AT - NC	Averaging Time - Non-Cancer	9125	days	2	
				AT - C	Averaging Time - Cancer	25550	days	2	

Table B-4a Risk Factors Used for Daily Intake Calculations

Exposure Route	Receptor Population	Receptor Age	Exposure Point	Parameter Code	Parameter Definition	Value	Units	Rationale	Intake Equation
Incidental Ingestion	Construction Worker (Current)	Adult	Subsurface soil (>6 inch)	CS	Chemical Concentration in Soil	See Table 3	mg/kg	EPC Calculations	CDI = (CS x IR x FI x EF x ED x CF)/(BW x AT)
				IR	Ingestion Rate of Soil	100	mg/day	1	
				FI	Fraction Ingested	1	unitless	assumption	
				EF	Exposure Frequency	250	days/year	1	
				ED	Exposure Duration	1	years	1	
				CF1	Conversion Factor	1.00E-06	kg/mg		
				BW	Body Weight	80	kg	1	
				AT - NC	Averaging Time - Non-Cancer	365	days	2	
				AT - C	Averaging Time - Cancer	25550	days	2	
Incidental Ingestion	Maintenance Worker (future)	Adult	Subsurface soil (>6 inch)	CS	Chemical Concentration in Soil	See Table 3	mg/kg	EPC Calculations	CDI = (CS x IR x FI x EF x ED x CF)/(BW x AT)
				IR	Ingestion Rate of Soil	100	mg/day	1	
				FI	Fraction Ingested	1	unitless	assumption	
				EF	Exposure Frequency	17	days/year	1	
				ED	Exposure Duration	25	years	1	
				CF1	Conversion Factor	1.00E-06	kg/mg		
				BW	Body Weight	80	kg	1	
				AT - NC	Averaging Time - Non-Cancer	9125	days	2	
				AT - C	Averaging Time - Cancer	25550	days	2	

Table B-4a Risk Factors Used for Daily Intake Calculations

Exposure Route	Receptor Population	Receptor Age	Exposure Point	Parameter Code	Parameter Definition	Value	Units	Rationale	Intake Equation
Dermal	Construction Worker (current)	Adult	Surface Soil (0 - 6 inch)	CS	Chemical Concentration in Soil	See Table 3	mg/kg	EPC Calculations	DAD = (CS x CF x SA x AF x ABS x EF x ED*DE)/(BW x AT) where: DE = Dermal Exposure Event = 1/day
				CF	Conversion Factor	1.00E-06	kg/mg		
				SA	Skin Surface Area	3527	cm^2	assumption	
				AF	Soil to Skin Adherence Factor	0.12	mg/cm^2	1	
				ABS	Absorption Factor	0.14	unitless	USEPA RSL	
				EF	Exposure Frequency	250	days/year	1	
				ED	Expsoure Duration	1	years	assumption	
				BW	Body Weight	80	kg	1	
				AT - NC	Averaging Time - Non-Cancer	365	days	2	
				AT	Averaging Time - Cancer	25550	days	2	
Dermal	Trespasser (current)	Adult	Surface Soil (0 - 6 inch)	CS	Chemical Concentration in Soil	See Table 3	mg/kg	EPC Calculations	DAD = (CS x CF x SA x AF x ABS x EF x ED)/(BW x AT) where: DE = Dermal Exposure Event = 1/day
				CF	Conversion Factor	1.00E-06	kg/mg		
				SA	Skin Surface Area	6032	cm^2	assumption	
				AF	Soil to Skin Adherence Factor	0.07	mg/cm^2	1	
				ABS	Absorption Factor	0.14	unitless	USEPA RSL	
				EF	Exposure Frequency	40	days/year	assumption	
				ED	Expsoure Duration	20	years	1	
				BW	Body Weight	80	kg	1	
				AT - NC	Averaging Time - Non-Cancer	7300	days	2	
				AT	Averaging Time - Cancer	25550	days	2	
Dermal	Trespasser (current)	Child	Surface Soil (0 - 6 inch)	CS	Chemical Concentration in Soil	See Table 3	mg/kg	EPC Calculations	DAD = (CS x CF x SA x AF x ABS x EF x ED)/(BW x AT) where: DE = Dermal Exposure Event = 1/day
				CF	Conversion Factor	1.00E-06	kg/mg		
				SA	Skin Surface Area	2373	cm^2	assumption	
				AF	Soil to Skin Adherence Factor	0.2	mg/cm^2	1	
				ABS	Absorption Factor	0.14	unitless	USEPA RSL	
				EF	Exposure Frequency	40	days/year	assumption	
				ED	Expsoure Duration	6	years	1	
				BW	Body Weight	15	kg	1	
				AT - NC	Averaging Time - Non-Cancer	2190	days	2	
				AT	Averaging Time - Cancer	25550	days	2	
Dermal	Maintenance Worker (future)	Adult	Surface Soil (0 - 6 inch)	CS	Chemical Concentration in Soil	See Table 3	mg/kg	EPC Calculations	DAD = (CS x CF x SA x AF x ABS x EF x ED)/(BW x AT) where: DE = Dermal Exposure Event = 1/day
				CF	Conversion Factor	1.00E-06	kg/mg		
				SA	Skin Surface Area	3527	cm^2	assumption	
				AF	Soil to Skin Adherence Factor	0.12	mg/cm^2	1	
				ABS	Absorption Factor	0.14	unitless	USEPA RSL	
				EF	Exposure Frequency	17	days/year	1	
				ED	Expsoure Duration	25	years	assumption	
				BW	Body Weight	80	kg	1	
				AT - NC	Averaging Time - Non-Cancer	9125	days	2	
				AT	Averaging Time - Cancer	25550	days	2	

Table B-4a Risk Factors Used for Daily Intake Calculations

Exposure Route	Receptor Population	Receptor Age	Exposure Point	Parameter Code	Parameter Definition	Value	Units	Rationale	Intake Equation
Dermal	Construction Worker (current)	Adult	Subsurface soil (>6 inch)	CS	Chemical Concentration in Soil	See Table 3	mg/kg	EPC Calculations	DAD = (CS x CF x SA x AF x ABS x EF x ED)/(BW x AT)
				CF	Conversion Factor	1.00E-06	kg/mg		where: DE = Dermal Exposure Event = 1/day
				SA	Skin Surface Area	3527	cm^2	assumption	
				AF	Soil to Skin Adherence Factor	0.12	mg/cm^2	1	
				ABS	Absorption Factor	0.14	unitless	USEPA RSL	
				EF	Exposure Frequency	250	days/year	1	
				ED	Expsoure Duration	1	years	1	
				BW	Body Weight	80	kg	1	
				AT - NC	Averaging Time - Non-Cancer	365	days	2	
				AT	Averaging Time - Cancer	25550	days	2	
Dermal	Maintenance Worker (future)	Adult	Subsurface soil (>6 inch)	CS	Chemical Concentration in Soil	See Table 3	mg/kg	EPC Calculations	DAD = (CS x CF x SA x AF x ABS x EF x ED)/(BW x AT)
				CF	Conversion Factor	1.00E-06	kg/mg		where: DE = Dermal Exposure Event = 1/day
				SA	Skin Surface Area	3527	cm^2	assumption	
				AF	Soil to Skin Adherence Factor	0.12	mg/cm^2	1	
				ABS	Absorption Factor	0.14	unitless	USEPA RSL	
				EF	Exposure Frequency	17	days/year	assumption	
				ED	Expsoure Duration	25	years	1	
				BW	Body Weight	80	kg	1	
				AT - NC	Averaging Time - Non-Cancer	9125	days	2	
				AT	Averaging Time - Cancer	25550	days	2	

Table B-4a Risk Factors Used for Daily Intake Calculations

Exposure Route	Receptor Population	Receptor Age	Exposure Point	Parameter Code	Parameter Definition	Value	Units	Rationale	Intake Equation
Inhalation	Construction Worker (current)	Adult	Dust (Surface Soil)	CS	Chemical Concentration in Soil	See Table 3	mg/kg	EPC Calculations	EC = (CA x ET x EF x ED)/ AT
				CF	Conversion Factor	4.20E-02	day/hr		where: CA = CS/ PEF x VF (see Table 4-2)
				CA	Chemical Concentration in air	See Table 4-2	mg/m^3	CA Calculations	
				EF	Exposure Frequency	250	days/year	1	
				ED	Expsoure Duration	1	years	assumption	
				ET	Exposure Time	8	hr/day	assumption	
				AT	Averaging Time - Cancer	25550	days	2	
				AT - NC	Averaging Time - Non-Cancer	365	days	2	
Inhalation	Trespasser (current)	Adult	Dust (Surface Soil)	CS	Chemical Concentration in Soil	See Table 3	mg/kg	EPC Calculations	EC = (CA x ET x EF x ED)/ AT
				CF	Conversion Factor	4.20E-02	day/hr		where: CA = CS/ PEF x VF (see Table 4-2)
				CA	Chemical Concentration in air	See Table 4-2	mg/m^3	CA Calculations	
				EF	Exposure Frequency	40	days/year	1	
				ED	Expsoure Duration	20	years	assumption	
				ET	Exposure Time	1	hr/day	assumption	
				AT	Averaging Time - Cancer	25550	days	2	
				AT - NC	Averaging Time - Non-Cancer	7300	days	2	
Inhalation	Trespasser (current)	Child	Dust (Surface Soil)	CS	Chemical Concentration in Soil	See Table 3	mg/kg	EPC Calculations	EC = (CA x ET x EF x ED)/ AT
				CF	Conversion Factor	4.20E-02	day/hr		where: CA = CS/ PEF x VF (see Table 4-2)
				CA	Chemical Concentration in air	See Table 4-2	mg/m^3	CA Calculations	
				EF	Exposure Frequency	40	days/year	1	
				ED	Expsoure Duration	6	years	assumption	
				ET	Exposure Time	1	hr/day	assumption	
				AT	Averaging Time - Cancer	25550	days	2	
				AT - NC	Averaging Time - Non-Cancer	2190	days	2	
Inhalation	Maintenance Worker (future)	Adult	Dust (Surface Soil)	CS	Chemical Concentration in Soil	See Table 3	mg/kg	EPC Calculations	EC = (CA x ET x EF x ED)/ AT
				CF	Conversion Factor	4.20E-02	day/hr		where: CA = CS/ PEF x VF (see Table 4-2)
				CA	Chemical Concentration in air	See Table 4-2	mg/m^3	CA Calculations	
				EF	Exposure Frequency	17	days/year	1	
				ED	Expsoure Duration	25	years	assumption	
				ET	Exposure Time	8	hr/day	assumption	
				AT	Averaging Time - Cancer	25550	days	2	
				AT - NC	Averaging Time - Non-Cancer	9125	days	2	
Inhalation	Construction Worker (current)	Adult	Dust (Subsurface)	CS	Chemical Concentration in Soil	See Table 3	mg/kg	EPC Calculations	EC = (CA x ET x EF x ED)/ AT
				CF	Conversion Factor	4.20E-02	day/hr		where: CA = CS/ PEF x VF (see Table 4-2)
				CA	Chemical Concentration in air	See Table 4-2	mg/m^3	CA Calculations	
				EF	Exposure Frequency	250	days/year	1	
				ED	Expsoure Duration	1	years	assumption	
				ET	Exposure Time	8	hr/day	assumption	
				AT	Averaging Time - Cancer	25550	days	2	
				AT - NC	Averaging Time - Non-Cancer	365	days	2	
Inhalation	Maintenance Worker (future)	Adult	Dust (Subsurface)	CS	Chemical Concentration in Soil	See Table 3	mg/kg	EPC Calculations	EC = (CA x ET x EF x ED)/ AT
				CF	Conversion Factor	4.20E-02	day/hr		where: CA = CS/ PEF x VF (see Table 4-2)
				CA	Chemical Concentration in air	See Table 4-2	mg/m^3	CA Calculations	
				EF	Exposure Frequency	17	days/year	1	
				ED	Expsoure Duration	25	years	assumption	
				ET	Exposure Time	8	hr/day	assumption	
				AT	Averaging Time - Cancer	25550	days	2	
				AT - NC	Averaging Time - Non-Cancer	9125	days	2	

References:

1 . USEPA. 2014. Memorandum – Human Health Evaluation Manual, Supplemental Guidance: Update of Standard Default Exposure Factors. OSWER Directive 9200.1-120. February.

2. USEPA. 2001. *Risk Assessment Guidance for Superfund* (RAGS), Vol 1. Part F. December.

3. USEPA Regional Screening Level (RSL) Calculator for *Resident Scenario*

4. USEPA Regional Screening Level (RSL) Calculator for *Composite Worker*

5. USEPA Regional Screening Level (RSL) Calculator for *Construction Worker*

Key:

CDI -Chronic Daily Intake (equation from reference 1)

DAD - Daily Absorbed Dose (equation from reference 1)

EC = Exposure Concentration (equation from reference 2)

Table B-4b Chemical Concentration in Air Calculations

Exposure Point	COC	EPC (mg/kg)	Trespasser			Maintenance Worker			Current Construction Worker		
			PEF [2] (m^3/kg)	VF [2] (m^3/kg)	CA (mg/m^3)	PEF [3] (m^3/kg)	VF [3] (m^3/kg)	CA (mg/m^3)	PEF [5] (m^3/kg)	VF [4] (m^3/kg)	CA (mg/m3)
	Aroclor 1248	2.192	1.36E+09	5.14E+05	1.61E-09	1.36E+09	5.14E+05	1.61E-09	2.56E+05	1.12E+05	5.95E-06
	Aroclor 1254	0.317	1.36E+09	8.43E+05	2.33E-10	1.36E+09	8.43E+05	2.33E-10	2.56E+05	1.83E+05	7.21E-07
Surface Soil	*Total PCB* [1]	1.409	1.36E+09	5.32E+05	1.04E-09	1.36E+09	5.32E+05	1.04E-09	2.56E+05	1.15E+05	3.79E-06
	Aroclor 1242	1.119	1.36E+09	5.91E+05	8.23E-10	1.36E+09	5.91E+05	8.23E-10	2.56E+05	1.28E+05	2.91E-06
	Aroclor 1248	6.8	1.36E+09	5.14E+05	5.00E-09	1.36E+09	5.14E+05	5.00E-09	2.56E+05	1.12E+05	1.85E-05
	Aroclor 1254	0.16	1.36E+09	8.43E+05	1.18E-10	1.36E+09	8.43E+05	1.18E-10	2.56E+05	1.83E+05	3.66E-07
Subsurface Soil	*Total PCB* [1]	10.25	1.36E+09	5.32E+05	7.54E-09	1.36E+09	5.32E+05	7.54E-09	2.56E+05	1.15E+05	2.76E-05

Notes:

1. Total PCB is equal to the summation of all detected Aroclors
2. USEPA Regional Screening Level (RSL) Calculator for *Resident Scenario*
3. USEPA Regional Screening Level (RSL) Calculator for *Composite Worker*
4. USEPA Regional Screening Level (RSL) Calculator for *Construction Worker*
5. *Equation 5-5* for Particulate Emission Factor for Construction Worker, USEPA. 2002. *Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites*

PEF = $Q/_{Csr} \times \frac{1}{Fd} \times \left\lfloor \frac{T \times Ar}{556 \times W/3^{0.4} \times CF\ x\ \sum VKT} \right\rfloor$

where:

$Q/_{Csr}$ = 23.02 *(default)*

$\frac{1}{Fd}$ = 0.185 *(default)*

T = 2.16E7 sec

Ar = 929 m2

W = 11 tons

*CF = [(*365d/yr+ P)/(365d/yr)]

P = 140 days per year *(Exhibit 5-2)*

$\sum VKT$ =257.56 km

6. CA = Chemical Concentration in Air (mg/m^3) = CS/(PEF+VF)

where:

CS = Chemical concentration in soil

PEF Particulates Emissions Factor

VF - Volatilization Factor

Table B-5 Toxicity Assessment Factors

COC Group	COC	CAS Number	Chronic/ Subchronic	Ingestion		Dermal		Inhalation	
				RfD	SF	RfD	SF	RfD	IUR
PCB	Aroclor 1242	53469-21-9	Chronic	7.0E-05 mg/kg-day	2 $(mg/kg\text{-}day)^{-1}$	7.0E-05 mg/kg-day	2 $(mg/kg\text{-}day)^{-1}$	--	5.7E-04 $(ug/m^3)^{-1}$
PCB	Aroclor 1248	12672-29-6	Chronic	2.0E-05 mg/kg-day	2 $(mg/kg\text{-}day)^{-1}$	2.0E-05 mg/kg-day	2 $(mg/kg\text{-}day)^{-1}$	--	5.7E-04 $(ug/m^3)^{-1}$
PCB	Aroclor 1254	11097-69-1	Chronic/ Subchronic (5)	2.00E-05 *(chronic)* 3.00E-05 *(subchronic)*	2 $(mg/kg\text{-}day)^{-1}$	2.00E-05 *(chronic)* 3.00E-05 *(subchronic)*	2 $(mg/kg\text{-}day)^{-1}$	--	5.7E-04 $(ug/m^3)^{-1}$
PCB	Total PCB	1336-36-3	Chronic	2.0E-05 mg/kg-day	2 $(mg/kg\text{-}day)^{-1}$	2.0E-05 mg/kg-day	2 $(mg/kg\text{-}day)^{-1}$	--	1.0E-04 $(ug/m^3)^{-1}$

References:

1. Reference Dose (RfD) values for individual Aroclors were obtained from USEPA Regional Screening Level (RSL) Summary Table (TR=1E.06, HQ=0.1) May 2023. In accordance with USEPA 1996 PCB Cancer Assessment document, the RfD for Aroclor 1016 was applied to Aroclor 1242, and the RfD for Aroclor 1254 was applied to Aroclor 1248.
2. Slope Facotors (SF) for individual Aroclors were obtained from from USEPA Regional Screening Level (RSL) Summary Table (TR=1E.06, HQ=0.1) May 2023 . SF for Total PCB was obtained from IRIS.
3. Inhalation Unit Risk (IUR) for individual Aroclors were obtained from from USEPA Regional Screening Level (RSL) Summary Table (TR=1E.06, HQ=0.1) May 2023. IUR for Total PCBs was obtained from IRIS.
4. Total PCB is equal to the summation of all Aroclors
5. The subchronic reference dose available for Aroclor 1254 per the USEPA RSL Calcualtor for Construction Scenerio(Subchronic) is to be used to assess non-cancer toxicity HQ for the current construction worker exposure pathway.

Table B-6a Risk and Hazard Summary for Current Exposure to Surface Soil (0 to 6 inches BGS) Located Across the Site

Receptor	COC	CAS	Ingestion		Dermal		Inhalation		Total	
			Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard
Construction Worker	Aroclor 1248	12672-29-6	5.36E-08	9.39E-02	3.18E-08	5.56E-02	1.11E-08	--	9.66E-08	1.49E-01
	Aroclor 1254	11097-69-1	7.75E-09	9.05E-03	4.59E-09	5.36E-03	1.35E-09	--	1.37E-08	1.44E-02
	Total PCB[(1)]	1336-36-3	3.45E-08	6.03E-02	2.04E-08	3.57E-02	1.25E-09	--	5.61E-08	9.61E-02
Adult Trespasser	Aroclor 1248	12672-29-6	1.72E-07	1.50E-02	1.01E-07	8.88E-03	1.21E-12	--	2.73E-07	2.39E-02
	Aroclor 1254	11097-69-1	2.48E-08	2.17E-03	1.47E-08	1.28E-03	1.75E-13	--	3.95E-08	3.45E-03
	Total PCB[(1)]	1336-36-3	1.10E-07	9.65E-03	6.52E-08	5.70E-03	1.36E-13	--	1.75E-07	1.54E-02
Child Trespasser	Aroclor 1248	12672-29-6	5.49E-07	1.60E-01	1.82E-07	5.32E-02	3.63E-13	--	7.32E-07	2.13E-01
	Aroclor 1254	11097-69-1	7.94E-08	2.32E-02	2.64E-08	7.69E-03	5.24E-14	--	1.06E-07	3.09E-02
	Total PCB[(1)]	1336-36-3	3.53E-07	1.03E-01	1.17E-07	3.42E-02	4.09E-14	--	4.70E-07	1.37E-01

	COC	Total	
		Risk	Hazard
Total Hazard Index	Aroclor 1248	1.10E-06	3.87E-01
	Aroclor 1254	1.59E-07	4.87E-02
	Total PCB[(1)]	7.02E-07	2.49E-01

Notes:

1. Total PCB is equal to the summation of all detected Aroclors
2. BGS - Below ground surface
3. CAS - Chemical Abstract Service Number

Table B-6b Risk and Hazard Summary for Current Exposure to Subsurface Soil (> 6-inches BGS) Located Across the Site

Receptor	COC	CAS	Ingestion		Dermal		Inhalation		Total	
			Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard
Construction Worker	Aroclor 1242	53469-21-9	2.74E-08	1.37E-02	1.62E-08	8.11E-03	3.82E-07	--	4.25E-07	2.18E-02
	Aroclor 1248	12672-29-6	1.66E-07	2.91E-01	9.86E-08	1.72E-01	3.46E-08	--	2.99E-07	4.64E-01
	Aroclor 1254	11097-69-1	3.94E-09	4.59E-03	2.33E-09	2.72E-03	6.86E-10	--	6.96E-09	7.32E-03
	Total PCB[(1)]	1336-36-3	2.51E-07	4.39E-01	1.49E-07	2.60E-01	9.07E-09	--	4.08E-07	6.99E-01

	COC	Total	
		Risk	Hazard
Total Hazard Index	Aroclor 1244	4.25E-07	2.18E-02
	Aroclor 1248	2.99E-07	4.64E-01
	Aroclor 1254	6.96E-09	7.32E-03
	Total PCB	4.08E-07	6.99E-01

Notes:

1. Total PCB is equal to the summation of all detected Aroclors
2. BGS - Below ground surface
3. CAS - Chemical Abstract Service Number

Table B-6c Risk and Hazard Summary for Future Exposure to Existing Surface Soil (0 to 6 inches below cover system) Located Across the Site

Receptor	COC	CAS	Ingestion		Dermal		Inhalation		Total	
			Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard
Maintenance Worker	Aroclor 1248	12672-29-6	9.12E-08	6.38E-03	5.40E-08	3.78E-03	5.14E-12	--	1.45E-07	1.02E-02
	Aroclor 1254	11097-69-1	1.32E-08	9.23E-04	7.81E-09	5.47E-04	7.42E-13	--	2.10E-08	1.47E-03
	Total PCB[(1)]	1336-36-3	5.86E-08	4.10E-03	3.47E-08	2.43E-03	5.79E-13	--	9.33E-08	6.53E-03

Total Hazard Index	COC	Total	
		Risk	Hazard
	Aroclor 1248	1.45E-07	1.02E-02
	Aroclor 1254	2.10E-08	1.47E-03
	Total PCB[(1)]	9.33E-08	6.53E-03

Notes:

1. Total PCB is equal to the summation of all detected Aroclors
2. BGS - Below ground surface
3. CAS - Chemical Abstract Service Number

Table B-6d Risk and Hazard Summary for Future Exposure to Existing Subsurface Soil (> 6-inches below cover system) Located Across the Site

Receptor	COC	CAS	Ingestion		Dermal		Inhalation		Total	
			Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard
Maintenance Worker	Aroclor 1242	53469-21-9	4.65E-08	9.31E-04	2.76E-08	5.51E-04	7.34E-12	--	7.41E-08	1.48E-03
	Aroclor 1248	12672-29-6	2.83E-07	1.98E-02	1.68E-07	1.17E-02	1.59E-11	--	4.50E-07	3.15E-02
	Aroclor 1254	11097-69-1	6.70E-09	4.69E-04	3.97E-09	2.78E-04	3.77E-13	--	1.07E-08	7.46E-04
	Total PCB[(1)]	1336-36-3	4.26E-07	2.98E-02	2.53E-07	1.77E-02	4.21E-12	--	6.79E-07	4.75E-02

	COC	Total	
		Risk	Hazard
Total Hazard Index	Aroclor 1242	7.41E-08	1.48E-03
	Aroclor 1248	4.50E-07	3.15E-02
	Aroclor 1254	1.07E-08	7.46E-04
	Total PCB	6.79E-07	4.75E-02

Notes:

1. Total PCB is equal to the summation of all detected Aroclors
2. BGS - Below ground surface
3. CAS - Chemical Abstract Service Number

C ProUCL 5.1 Output

UCL Statistics for Data Sets with Non-Detects

User Selected Options	
Date/Time of Computation	ProUCL 5.111/8/2023 12:57:15 PM
From File	Pro UCL Input_Surface Soil Ar_a.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

1248

General Statistics

Total Number of Observations	29	Number of Distinct Observations	26
Number of Detects	20	Number of Non-Detects	9
Number of Distinct Detects	18	Number of Distinct Non-Detects	9
Minimum Detect	0.042	Minimum Non-Detect	0.2
Maximum Detect	5.4	Maximum Non-Detect	0.33
Variance Detects	1.445	Percent Non-Detects	31.03%
Mean Detects	0.665	SD Detects	1.202
Median Detects	0.29	CV Detects	1.806
Skewness Detects	3.601	Kurtosis Detects	13.99
Mean of Logged Detects	-1.211	SD of Logged Detects	1.235

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.504	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.905	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.329	Lilliefors GOF Test
5% Lilliefors Critical Value	0.192	Detected Data Not Normal at 5% Significance Level

Detected Data Not Normal at 5% Significance Level

Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

KM Mean	0.498	KM Standard Error of Mean	0.192
KM SD	1.005	95% KM (BCA) UCL	0.864
95% KM (t) UCL	0.824	95% KM (Percentile Bootstrap) UCL	0.83
95% KM (z) UCL	0.813	95% KM Bootstrap t UCL	1.684
90% KM Chebyshev UCL	1.073	95% KM Chebyshev UCL	1.334
97.5% KM Chebyshev UCL	1.696	99% KM Chebyshev UCL	2.406

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	0.964	Anderson-Darling GOF Test
5% A-D Critical Value	0.78	Detected Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.211	Kolmogorov-Smirnov GOF
5% K-S Critical Value	0.201	Detected Data Not Gamma Distributed at 5% Significance Level

Detected Data Not Gamma Distributed at 5% Significance Level

Gamma Statistics on Detected Data Only

k hat (MLE)	0.746	k star (bias corrected MLE)	0.667
Theta hat (MLE)	0.892	Theta star (bias corrected MLE)	0.997
nu hat (MLE)	29.83	nu star (bias corrected)	26.69
Mean (detects)	0.665		

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

54	GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)										
55	For such situations, GROS method may yield incorrect values of UCLs and BTVs										
56	This is especially true when the sample size is small.										
57	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates										
58				Minimum	0.01			Mean	0.462		
59				Maximum	5.4			Median	0.16		
60				SD	1.037			CV	2.245		
61				k hat (MLE)	0.435			k star (bias corrected MLE)	0.413		
62				Theta hat (MLE)	1.062			Theta star (bias corrected MLE)	1.118		
63				nu hat (MLE)	25.24			nu star (bias corrected)	23.96		
64				Adjusted Level of Significance (β)	0.0407						
65				Approximate Chi Square Value (23.96, α)	13.82			Adjusted Chi Square Value (23.96, β)	13.36		
66			95% Gamma Approximate UCL (use when n>=50)		0.801			95% Gamma Adjusted UCL (use when n<50)	0.829		
67											
68				Estimates of Gamma Parameters using KM Estimates							
69				Mean (KM)	0.498			SD (KM)	1.005		
70				Variance (KM)	1.011			SE of Mean (KM)	0.192		
71				k hat (KM)	0.245			k star (KM)	0.243		
72				nu hat (KM)	14.23			nu star (KM)	14.09		
73				theta hat (KM)	2.03			theta star (KM)	2.05		
74				80% gamma percentile (KM)	0.716			90% gamma percentile (KM)	1.497		
75				95% gamma percentile (KM)	2.431			99% gamma percentile (KM)	4.925		
76											
77				Gamma Kaplan-Meier (KM) Statistics							
78				Approximate Chi Square Value (14.09, α)	6.632			Adjusted Chi Square Value (14.09, β)	6.327		
79			95% Gamma Approximate KM-UCL (use when n>=50)		1.058			95% Gamma Adjusted KM-UCL (use when n<50)	1.109		
80											
81				Lognormal GOF Test on Detected Observations Only							
82				Shapiro Wilk Test Statistic	0.959			Shapiro Wilk GOF Test			
83				5% Shapiro Wilk Critical Value	0.905			Detected Data appear Lognormal at 5% Significance Level			
84				Lilliefors Test Statistic	0.113			Lilliefors GOF Test			
85				5% Lilliefors Critical Value	0.192			Detected Data appear Lognormal at 5% Significance Level			
86				Detected Data appear Lognormal at 5% Significance Level							
87											
88				Lognormal ROS Statistics Using Imputed Non-Detects							
89				Mean in Original Scale	0.491			Mean in Log Scale	-1.542		
90				SD in Original Scale	1.025			SD in Log Scale	1.138		
91			95% t UCL (assumes normality of ROS data)		0.815			95% Percentile Bootstrap UCL	0.863		
92				95% BCA Bootstrap UCL	1.034			95% Bootstrap t UCL	1.723		
93				95% H-UCL (Log ROS)	0.721						
94											
95				Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution							
96				KM Mean (logged)	-1.547			KM Geo Mean	0.213		
97				KM SD (logged)	1.184			95% Critical H Value (KM-Log)	2.703		
98				KM Standard Error of Mean (logged)	0.247			95% H-UCL (KM -Log)	0.785		
99				KM SD (logged)	1.184			95% Critical H Value (KM-Log)	2.703		
100				KM Standard Error of Mean (logged)	0.247						
101											
102				DL/2 Statistics							
103				DL/2 Normal				DL/2 Log-Transformed			
104				Mean in Original Scale	0.499			Mean in Log Scale	-1.471		
105				SD in Original Scale	1.022			SD in Log Scale	1.095		
106			95% t UCL (Assumes normality)		0.822			95% H-Stat UCL	0.714		

	A	B	C	D	E	F	G	H	I	J	K	L
107	DL/2 is not a recommended method, provided for comparisons and historical reasons											
108												
109	Nonparametric Distribution Free UCL Statistics											
110	Detected Data appear Lognormal Distributed at 5% Significance Level											
111												
112	Suggested UCL to Use											
113	KM H-UCL	0.785										
114												
115	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
116	Recommendations are based upon data size, data distribution, and skewness.											
117	These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).											
118	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
119												

UCL Statistics for Data Sets with Non-Detects

User Selected Options	
Date/Time of Computation	ProUCL 5.111/8/2023 12:57:42 PM
From File	Pro UCL Input_Surface Soil Ar_b.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

1254

General Statistics

Total Number of Observations	29	Number of Distinct Observations	22
Number of Detects	18	Number of Non-Detects	11
Number of Distinct Detects	15	Number of Distinct Non-Detects	11
Minimum Detect	0.015	Minimum Non-Detect	0.2
Maximum Detect	1.2	Maximum Non-Detect	1
Variance Detects	0.079	Percent Non-Detects	37.93%
Mean Detects	0.258	SD Detects	0.281
Median Detects	0.17	CV Detects	1.091
Skewness Detects	2.553	Kurtosis Detects	7.495
Mean of Logged Detects	-1.82	SD of Logged Detects	1.054

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.704	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.897	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.248	Lilliefors GOF Test
5% Lilliefors Critical Value	0.202	Detected Data Not Normal at 5% Significance Level

Detected Data Not Normal at 5% Significance Level

Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

KM Mean	0.211	KM Standard Error of Mean	0.0452
KM SD	0.229	95% KM (BCA) UCL	0.295
95% KM (t) UCL	0.288	95% KM (Percentile Bootstrap) UCL	0.287
95% KM (z) UCL	0.286	95% KM Bootstrap t UCL	0.337
90% KM Chebyshev UCL	0.347	95% KM Chebyshev UCL	0.408
97.5% KM Chebyshev UCL	0.494	99% KM Chebyshev UCL	0.661

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	0.536	Anderson-Darling GOF Test
5% A-D Critical Value	0.762	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.154	Kolmogorov-Smirnov GOF
5% K-S Critical Value	0.208	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level

Gamma Statistics on Detected Data Only

k hat (MLE)	1.218	k star (bias corrected MLE)	1.052
Theta hat (MLE)	0.211	Theta star (bias corrected MLE)	0.245
nu hat (MLE)	43.86	nu star (bias corrected)	37.88
Mean (detects)	0.258		

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

54	GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)										
55	For such situations, GROS method may yield incorrect values of UCLs and BTVs										
56	This is especially true when the sample size is small.										
57	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates										
58				Minimum	0.015			Mean	0.199		
59				Maximum	1.2			Median	0.13		
60				SD	0.232			CV	1.167		
61				k hat (MLE)	1.455			k star (bias corrected MLE)	1.327		
62				Theta hat (MLE)	0.137			Theta star (bias corrected MLE)	0.15		
63				nu hat (MLE)	84.37			nu star (bias corrected)	76.98		
64				Adjusted Level of Significance (β)	0.0407						
65				Approximate Chi Square Value (76.98, α)	57.77			Adjusted Chi Square Value (76.98, β)	56.77		
66				95% Gamma Approximate UCL (use when n>=50)	0.265			95% Gamma Adjusted UCL (use when n<50)	0.27		
67											
68				Estimates of Gamma Parameters using KM Estimates							
69				Mean (KM)	0.211			SD (KM)	0.229		
70				Variance (KM)	0.0523			SE of Mean (KM)	0.0452		
71				k hat (KM)	0.854			k star (KM)	0.788		
72				nu hat (KM)	49.52			nu star (KM)	45.73		
73				theta hat (KM)	0.247			theta star (KM)	0.268		
74				80% gamma percentile (KM)	0.346			90% gamma percentile (KM)	0.516		
75				95% gamma percentile (KM)	0.689			99% gamma percentile (KM)	1.099		
76											
77				Gamma Kaplan-Meier (KM) Statistics							
78				Approximate Chi Square Value (45.73, α)	31.22			Adjusted Chi Square Value (45.73, β)	30.5		
79				95% Gamma Approximate KM-UCL (use when n>=50)	0.309			95% Gamma Adjusted KM-UCL (use when n<50)	0.317		
80											
81				Lognormal GOF Test on Detected Observations Only							
82				Shapiro Wilk Test Statistic	0.946			Shapiro Wilk GOF Test			
83				5% Shapiro Wilk Critical Value	0.897			Detected Data appear Lognormal at 5% Significance Level			
84				Lilliefors Test Statistic	0.217			Lilliefors GOF Test			
85				5% Lilliefors Critical Value	0.202			Detected Data Not Lognormal at 5% Significance Level			
86	Detected Data appear Approximate Lognormal at 5% Significance Level										
87											
88				Lognormal ROS Statistics Using Imputed Non-Detects							
89				Mean in Original Scale	0.2			Mean in Log Scale	-1.983		
90				SD in Original Scale	0.232			SD in Log Scale	0.85		
91				95% t UCL (assumes normality of ROS data)	0.273			95% Percentile Bootstrap UCL	0.279		
92				95% BCA Bootstrap UCL	0.307			95% Bootstrap t UCL	0.351		
93				95% H-UCL (Log ROS)	0.285						
94											
95				Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution							
96				KM Mean (logged)	-1.988			KM Geo Mean	0.137		
97				KM SD (logged)	0.981			95% Critical H Value (KM-Log)	2.444		
98				KM Standard Error of Mean (logged)	0.229			95% H-UCL (KM -Log)	0.349		
99				KM SD (logged)	0.981			95% Critical H Value (KM-Log)	2.444		
100				KM Standard Error of Mean (logged)	0.229						
101											
102				DL/2 Statistics							
103				DL/2 Normal				DL/2 Log-Transformed			
104				Mean in Original Scale	0.225			Mean in Log Scale	-1.843		
105				SD in Original Scale	0.233			SD in Log Scale	0.862		
106				95% t UCL (Assumes normality)	0.298			95% H-Stat UCL	0.334		

	A	B	C	D	E	F	G	H	I	J	K	L
107	DL/2 is not a recommended method, provided for comparisons and historical reasons											
108												
109	Nonparametric Distribution Free UCL Statistics											
110	Detected Data appear Gamma Distributed at 5% Significance Level											
111												
112	Suggested UCL to Use											
113	95% KM Adjusted Gamma UCL					0.317			95% GROS Adjusted Gamma UCL			0.27
114												
115	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
116	Recommendations are based upon data size, data distribution, and skewness.											
117	These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).											
118	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
119												

UCL Statistics for Data Sets with Non-Detects

User Selected Options	
Date/Time of Computation	ProUCL 5.111/8/2023 1:02:51 PM
From File	Pro UCL Input_Total PCB Subsurface_a.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

TPCB

General Statistics

Total Number of Observations	30	Number of Distinct Observations	29
Number of Detects	22	Number of Non-Detects	8
Number of Distinct Detects	21	Number of Distinct Non-Detects	8
Minimum Detect	0.0263	Minimum Non-Detect	0.27
Maximum Detect	5.4	Maximum Non-Detect	2
Variance Detects	1.9	Percent Non-Detects	26.67%
Mean Detects	1.007	SD Detects	1.378
Median Detects	0.515	CV Detects	1.369
Skewness Detects	2.416	Kurtosis Detects	5.615
Mean of Logged Detects	-0.763	SD of Logged Detects	1.379

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.663	**Shapiro Wilk GOF Test**
5% Shapiro Wilk Critical Value	0.911	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.261	**Lilliefors GOF Test**
5% Lilliefors Critical Value	0.184	Detected Data Not Normal at 5% Significance Level

Detected Data Not Normal at 5% Significance Level

Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

KM Mean	0.783	KM Standard Error of Mean	0.229
KM SD	1.218	95% KM (BCA) UCL	1.191
95% KM (t) UCL	1.171	95% KM (Percentile Bootstrap) UCL	1.184
95% KM (z) UCL	1.158	95% KM Bootstrap t UCL	1.543
90% KM Chebyshev UCL	1.468	95% KM Chebyshev UCL	1.779
97.5% KM Chebyshev UCL	2.21	99% KM Chebyshev UCL	3.056

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	0.401	Anderson-Darling GOF Test
5% A-D Critical Value	0.782	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.112	Kolmogorov-Smirnov GOF
5% K-S Critical Value	0.192	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level

Gamma Statistics on Detected Data Only

k hat (MLE)	0.774	k star (bias corrected MLE)	0.699
Theta hat (MLE)	1.301	Theta star (bias corrected MLE)	1.441
nu hat (MLE)	34.06	nu star (bias corrected)	30.74
Mean (detects)	1.007		

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

54	GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)										
55	For such situations, GROS method may yield incorrect values of UCLs and BTVs										
56	This is especially true when the sample size is small.										
57	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates										
58				Minimum	0.01			Mean	0.748		
59				Maximum	5.4			Median	0.374		
60				SD	1.252			CV	1.675		
61				k hat (MLE)	0.461			k star (bias corrected MLE)	0.437		
62				Theta hat (MLE)	1.622			Theta star (bias corrected MLE)	1.711		
63				nu hat (MLE)	27.66			nu star (bias corrected)	26.23		
64				Adjusted Level of Significance (β)	0.041						
65				Approximate Chi Square Value (26.23, α)	15.55			Adjusted Chi Square Value (26.23, β)	15.08		
66				95% Gamma Approximate UCL (use when n>=50)	1.261			95% Gamma Adjusted UCL (use when n<50)	1.3		
67											
68				Estimates of Gamma Parameters using KM Estimates							
69				Mean (KM)	0.783			SD (KM)	1.218		
70				Variance (KM)	1.483			SE of Mean (KM)	0.229		
71				k hat (KM)	0.413			k star (KM)	0.394		
72				nu hat (KM)	24.77			nu star (KM)	23.63		
73				theta hat (KM)	1.895			theta star (KM)	1.987		
74				80% gamma percentile (KM)	1.261			90% gamma percentile (KM)	2.216		
75				95% gamma percentile (KM)	3.269			99% gamma percentile (KM)	5.92		
76											
77				Gamma Kaplan-Meier (KM) Statistics							
78				Approximate Chi Square Value (23.63, α)	13.57			Adjusted Chi Square Value (23.63, β)	13.13		
79				95% Gamma Approximate KM-UCL (use when n>=50)	1.363			95% Gamma Adjusted KM-UCL (use when n<50)	1.409		
80											
81				Lognormal GOF Test on Detected Observations Only							
82				Shapiro Wilk Test Statistic	0.97			Shapiro Wilk GOF Test			
83				5% Shapiro Wilk Critical Value	0.911			Detected Data appear Lognormal at 5% Significance Level			
84				Lilliefors Test Statistic	0.161			Lilliefors GOF Test			
85				5% Lilliefors Critical Value	0.184			Detected Data appear Lognormal at 5% Significance Level			
86				Detected Data appear Lognormal at 5% Significance Level							
87											
88				Lognormal ROS Statistics Using Imputed Non-Detects							
89				Mean in Original Scale	0.772			Mean in Log Scale	-1.134		
90				SD in Original Scale	1.239			SD in Log Scale	1.343		
91				95% t UCL (assumes normality of ROS data)	1.156			95% Percentile Bootstrap UCL	1.17		
92				95% BCA Bootstrap UCL	1.279			95% Bootstrap t UCL	1.652		
93				95% H-UCL (Log ROS)	1.649						
94											
95				Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution							
96				KM Mean (logged)	-1.173			KM Geo Mean	0.31		
97				KM SD (logged)	1.423			95% Critical H Value (KM-Log)	3.052		
98				KM Standard Error of Mean (logged)	0.287			95% H-UCL (KM -Log)	1.908		
99				KM SD (logged)	1.423			95% Critical H Value (KM-Log)	3.052		
100				KM Standard Error of Mean (logged)	0.287						
101											
102				DL/2 Statistics							
103				DL/2 Normal				DL/2 Log-Transformed			
104				Mean in Original Scale	0.813			Mean in Log Scale	-0.97		
105				SD in Original Scale	1.226			SD in Log Scale	1.265		
106				95% t UCL (Assumes normality)	1.193			95% H-Stat UCL	1.639		

	A	B	C	D	E	F	G	H	I	J	K	L
107	DL/2 is not a recommended method, provided for comparisons and historical reasons											
108												
109	Nonparametric Distribution Free UCL Statistics											
110	Detected Data appear Gamma Distributed at 5% Significance Level											
111												
112	Suggested UCL to Use											
113	ljusted KM-UCL (use when k<=1 and 15 < n < 50 but k<=1)					1.409						
114												
115	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
116	Recommendations are based upon data size, data distribution, and skewness.											
117	These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).											
118	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
119												

UCL Statistics for Data Sets with Non-Detects

User Selected Options	
Date/Time of Computation	ProUCL 5.111/8/2023 11:46:01 AM
From File	Pro UCL Input_SubSurface Ar.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

1242

General Statistics

Total Number of Observations	84	Number of Distinct Observations	30
Number of Detects	9	Number of Non-Detects	75
Number of Distinct Detects	9	Number of Distinct Non-Detects	22
Minimum Detect	0.14	Minimum Non-Detect	0.02
Maximum Detect	14	Maximum Non-Detect	3.7
Variance Detects	23.07	Percent Non-Detects	89.29%
Mean Detects	5.864	SD Detects	4.804
Median Detects	5.65	CV Detects	0.819
Skewness Detects	0.326	Kurtosis Detects	-0.915
Mean of Logged Detects	1.069	SD of Logged Detects	1.648

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.941	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.829	Detected Data appear Normal at 5% Significance Level
Lilliefors Test Statistic	0.146	Lilliefors GOF Test
5% Lilliefors Critical Value	0.274	Detected Data appear Normal at 5% Significance Level

Detected Data appear Normal at 5% Significance Level

Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

KM Mean	0.668	KM Standard Error of Mean	0.271
KM SD	2.333	95% KM (BCA) UCL	1.139
95% KM (t) UCL	1.119	95% KM (Percentile Bootstrap) UCL	1.121
95% KM (z) UCL	1.114	95% KM Bootstrap t UCL	1.225
90% KM Chebyshev UCL	1.481	95% KM Chebyshev UCL	1.849
97.5% KM Chebyshev UCL	2.359	99% KM Chebyshev UCL	3.362

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	0.466	Anderson-Darling GOF Test
5% A-D Critical Value	0.749	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.201	Kolmogorov-Smirnov GOF
5% K-S Critical Value	0.288	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level

Gamma Statistics on Detected Data Only

k hat (MLE)	0.842	k star (bias corrected MLE)	0.636
Theta hat (MLE)	6.963	Theta star (bias corrected MLE)	9.227
nu hat (MLE)	15.16	nu star (bias corrected)	11.44
Mean (detects)	5.864		

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

54	GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)										
55	For such situations, GROS method may yield incorrect values of UCLs and BTVs										
56	This is especially true when the sample size is small.										
57	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates										
58				Minimum	0.01			Mean	0.637		
59				Maximum	14			Median	0.01		
60				SD	2.354			CV	3.694		
61				k hat (MLE)	0.206			k star (bias corrected MLE)	0.207		
62				Theta hat (MLE)	3.087			Theta star (bias corrected MLE)	3.078		
63				nu hat (MLE)	34.69			nu star (bias corrected)	34.78		
64				Adjusted Level of Significance (β)	0.0471						
65				Approximate Chi Square Value (34.78, α)	22.29			Adjusted Chi Square Value (34.78, β)	22.11		
66			95% Gamma Approximate UCL (use when n>=50)		0.994			95% Gamma Adjusted UCL (use when n<50)	1.002		
67											
68				Estimates of Gamma Parameters using KM Estimates							
69				Mean (KM)	0.668			SD (KM)	2.333		
70				Variance (KM)	5.441			SE of Mean (KM)	0.271		
71				k hat (KM)	0.0821			k star (KM)	0.0871		
72				nu hat (KM)	13.8			nu star (KM)	14.64		
73				theta hat (KM)	8.14			theta star (KM)	7.673		
74				80% gamma percentile (KM)	0.372			90% gamma percentile (KM)	1.666		
75				95% gamma percentile (KM)	3.895			99% gamma percentile (KM)	11.36		
76											
77				Gamma Kaplan-Meier (KM) Statistics							
78				Approximate Chi Square Value (14.64, α)	7.009			Adjusted Chi Square Value (14.64, β)	6.917		
79			95% Gamma Approximate KM-UCL (use when n>=50)		1.396			95% Gamma Adjusted KM-UCL (use when n<50)	1.414		
80											
81				Lognormal GOF Test on Detected Observations Only							
82				Shapiro Wilk Test Statistic	0.838			Shapiro Wilk GOF Test			
83				5% Shapiro Wilk Critical Value	0.829			Detected Data appear Lognormal at 5% Significance Level			
84				Lilliefors Test Statistic	0.255			Lilliefors GOF Test			
85				5% Lilliefors Critical Value	0.274			Detected Data appear Lognormal at 5% Significance Level			
86				Detected Data appear Lognormal at 5% Significance Level							
87											
88				Lognormal ROS Statistics Using Imputed Non-Detects							
89				Mean in Original Scale	0.65			Mean in Log Scale	-4.65		
90				SD in Original Scale	2.351			SD in Log Scale	2.826		
91			95% t UCL (assumes normality of ROS data)		1.076			95% Percentile Bootstrap UCL	1.122		
92				95% BCA Bootstrap UCL	1.223			95% Bootstrap t UCL	1.296		
93				95% H-UCL (Log ROS)	2.061						
94											
95				Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution							
96				KM Mean (logged)	-3.04			KM Geo Mean	0.0479		
97				KM SD (logged)	1.682			95% Critical H Value (KM-Log)	2.978		
98			KM Standard Error of Mean (logged)		0.376			95% H-UCL (KM -Log)	0.341		
99				KM SD (logged)	1.682			95% Critical H Value (KM-Log)	2.978		
100			KM Standard Error of Mean (logged)		0.376						
101											
102				DL/2 Statistics							
103			DL/2 Normal					DL/2 Log-Transformed			
104				Mean in Original Scale	0.818			Mean in Log Scale	-1.651		
105				SD in Original Scale	2.321			SD in Log Scale	1.373		
106				95% t UCL (Assumes normality)	1.239			95% H-Stat UCL	0.731		

	A	B	C	D	E	F	G	H	I	J	K	L
107	DL/2 is not a recommended method, provided for comparisons and historical reasons											
108												
109	Nonparametric Distribution Free UCL Statistics											
110	Detected Data appear Normal Distributed at 5% Significance Level											
111												
112	Suggested UCL to Use											
113	95% KM (t) UCL					1.119						
114												
115	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
116	Recommendations are based upon data size, data distribution, and skewness.											
117	These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).											
118	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
119												

UCL Statistics for Data Sets with Non-Detects

User Selected Options	
Date/Time of Computation	ProUCL 5.111/8/2023 11:46:31 AM
From File	Pro UCL Input_SubSurface Ar_a.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

1248

General Statistics

Total Number of Observations	84	Number of Distinct Observations	47
Number of Detects	40	Number of Non-Detects	44
Number of Distinct Detects	35	Number of Distinct Non-Detects	15
Minimum Detect	0.01	Minimum Non-Detect	0.021
Maximum Detect	46	Maximum Non-Detect	1.9
Variance Detects	96.05	Percent Non-Detects	52.38%
Mean Detects	6.681	SD Detects	9.8
Median Detects	1.65	CV Detects	1.467
Skewness Detects	2.03	Kurtosis Detects	5.32
Mean of Logged Detects	-0.0167	SD of Logged Detects	2.542

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.719	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.94	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.287	Lilliefors GOF Test
5% Lilliefors Critical Value	0.139	Detected Data Not Normal at 5% Significance Level

Detected Data Not Normal at 5% Significance Level

Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

KM Mean	3.21	KM Standard Error of Mean	0.824
KM SD	7.453	95% KM (BCA) UCL	4.669
95% KM (t) UCL	4.58	95% KM (Percentile Bootstrap) UCL	4.618
95% KM (z) UCL	4.564	95% KM Bootstrap t UCL	4.986
90% KM Chebyshev UCL	5.681	95% KM Chebyshev UCL	6.8
97.5% KM Chebyshev UCL	8.353	99% KM Chebyshev UCL	11.4

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	1.165	Anderson-Darling GOF Test
5% A-D Critical Value	0.846	Detected Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.153	Kolmogorov-Smirnov GOF
5% K-S Critical Value	0.15	Detected Data Not Gamma Distributed at 5% Significance Level

Detected Data Not Gamma Distributed at 5% Significance Level

Gamma Statistics on Detected Data Only

k hat (MLE)	0.351	k star (bias corrected MLE)	0.341
Theta hat (MLE)	19.04	Theta star (bias corrected MLE)	19.58
nu hat (MLE)	28.07	nu star (bias corrected)	27.29
Mean (detects)	6.681		

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

54	GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)										
55	For such situations, GROS method may yield incorrect values of UCLs and BTVs										
56	This is especially true when the sample size is small.										
57	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates										
58				Minimum	0.01			Mean	3.187		
59				Maximum	46			Median	0.01		
60				SD	7.508			CV	2.356		
61				k hat (MLE)	0.205			k star (bias corrected MLE)	0.205		
62				Theta hat (MLE)	15.56			Theta star (bias corrected MLE)	15.51		
63				nu hat (MLE)	34.41			nu star (bias corrected)	34.52		
64				Adjusted Level of Significance (β)	0.0471						
65				Approximate Chi Square Value (34.52, α)	22.08			Adjusted Chi Square Value (34.52, β)	21.91		
66			95% Gamma Approximate UCL (use when n>=50)		4.982			95% Gamma Adjusted UCL (use when n<50)	5.022		
67											
68				Estimates of Gamma Parameters using KM Estimates							
69				Mean (KM)	3.21			SD (KM)	7.453		
70				Variance (KM)	55.55			SE of Mean (KM)	0.824		
71				k hat (KM)	0.185			k star (KM)	0.187		
72				nu hat (KM)	31.15			nu star (KM)	31.37		
73				theta hat (KM)	17.31			theta star (KM)	17.19		
74				80% gamma percentile (KM)	4.072			90% gamma percentile (KM)	9.695		
75				95% gamma percentile (KM)	16.83			99% gamma percentile (KM)	36.69		
76											
77				Gamma Kaplan-Meier (KM) Statistics							
78				Approximate Chi Square Value (31.37, α)	19.58			Adjusted Chi Square Value (31.37, β)	19.41		
79			95% Gamma Approximate KM-UCL (use when n>=50)		5.144			95% Gamma Adjusted KM-UCL (use when n<50)	5.187		
80											
81				Lognormal GOF Test on Detected Observations Only							
82				Shapiro Wilk Test Statistic	0.914			Shapiro Wilk GOF Test			
83				5% Shapiro Wilk Critical Value	0.94			Detected Data Not Lognormal at 5% Significance Level			
84				Lilliefors Test Statistic	0.154			Lilliefors GOF Test			
85				5% Lilliefors Critical Value	0.139			Detected Data Not Lognormal at 5% Significance Level			
86	Detected Data Not Lognormal at 5% Significance Level										
87											
88				Lognormal ROS Statistics Using Imputed Non-Detects							
89				Mean in Original Scale	3.217			Mean in Log Scale	-1.785		
90				SD in Original Scale	7.495			SD in Log Scale	2.615		
91			95% t UCL (assumes normality of ROS data)		4.577			95% Percentile Bootstrap UCL	4.721		
92				95% BCA Bootstrap UCL	4.989			95% Bootstrap t UCL	5.108		
93				95% H-UCL (Log ROS)	16.97						
94											
95				Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution							
96				KM Mean (logged)	-1.789			KM Geo Mean	0.167		
97				KM SD (logged)	2.514			95% Critical H Value (KM-Log)	4.034		
98				KM Standard Error of Mean (logged)	0.308			95% H-UCL (KM -Log)	12.01		
99				KM SD (logged)	2.514			95% Critical H Value (KM-Log)	4.034		
100				KM Standard Error of Mean (logged)	0.308						
101											
102				DL/2 Statistics							
103				DL/2 Normal				DL/2 Log-Transformed			
104				Mean in Original Scale	3.256			Mean in Log Scale	-1.18		
105				SD in Original Scale	7.479			SD in Log Scale	2.155		
106			95% t UCL (Assumes normality)		4.613			95% H-Stat UCL	7.283		

	A	B	C	D	E	F	G	H	I	J	K	L
107	DL/2 is not a recommended method, provided for comparisons and historical reasons											
108												
109	Nonparametric Distribution Free UCL Statistics											
110	Data do not follow a Discernible Distribution at 5% Significance Level											
111												
112	Suggested UCL to Use											
113	95% KM (Chebyshev) UCL					6.8						
114												
115	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
116	Recommendations are based upon data size, data distribution, and skewness.											
117	These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).											
118	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
119												

UCL Statistics for Data Sets with Non-Detects

User Selected Options	
Date/Time of Computation	ProUCL 5.111/8/2023 11:46:52 AM
From File	Pro UCL Input_SubSurface Ar_b.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

1254

General Statistics

Total Number of Observations	84	Number of Distinct Observations	31
Number of Detects	8	Number of Non-Detects	76
Number of Distinct Detects	8	Number of Distinct Non-Detects	24
Minimum Detect	0.019	Minimum Non-Detect	0.021
Maximum Detect	2.1	Maximum Non-Detect	3.7
Variance Detects	0.516	Percent Non-Detects	90.48%
Mean Detects	0.433	SD Detects	0.718
Median Detects	0.135	CV Detects	1.657
Skewness Detects	2.275	Kurtosis Detects	5.191
Mean of Logged Detects	-1.886	SD of Logged Detects	1.527

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.639	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.818	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.388	Lilliefors GOF Test
5% Lilliefors Critical Value	0.283	Detected Data Not Normal at 5% Significance Level

Detected Data Not Normal at 5% Significance Level

Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

KM Mean	0.0957	KM Standard Error of Mean	0.0334
KM SD	0.244	95% KM (BCA) UCL	0.154
95% KM (t) UCL	0.151	95% KM (Percentile Bootstrap) UCL	0.156
95% KM (z) UCL	0.151	95% KM Bootstrap t UCL	0.184
90% KM Chebyshev UCL	0.196	95% KM Chebyshev UCL	0.241
97.5% KM Chebyshev UCL	0.304	99% KM Chebyshev UCL	0.428

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	0.573	Anderson-Darling GOF Test
5% A-D Critical Value	0.756	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.303	Kolmogorov-Smirnov GOF
5% K-S Critical Value	0.307	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level

Gamma Statistics on Detected Data Only

k hat (MLE)	0.59	k star (bias corrected MLE)	0.452
Theta hat (MLE)	0.735	Theta star (bias corrected MLE)	0.959
nu hat (MLE)	9.439	nu star (bias corrected)	7.232
Mean (detects)	0.433		

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

54	GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)										
55	For such situations, GROS method may yield incorrect values of UCLs and BTVs										
56	This is especially true when the sample size is small.										
57	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates										
58				Minimum	0.01			Mean	0.0795		
59				Maximum	2.1			Median	0.01		
60				SD	0.25			CV	3.138		
61				k hat (MLE)	0.484			k star (bias corrected MLE)	0.475		
62				Theta hat (MLE)	0.164			Theta star (bias corrected MLE)	0.168		
63				nu hat (MLE)	81.32			nu star (bias corrected)	79.74		
64				Adjusted Level of Significance (β)	0.0471						
65				Approximate Chi Square Value (79.74, α)	60.17			Adjusted Chi Square Value (79.74, β)	59.87		
66				95% Gamma Approximate UCL (use when n>=50)	0.105			95% Gamma Adjusted UCL (use when n<50)	0.106		
67											
68				Estimates of Gamma Parameters using KM Estimates							
69				Mean (KM)	0.0957			SD (KM)	0.244		
70				Variance (KM)	0.0595			SE of Mean (KM)	0.0334		
71				k hat (KM)	0.154			k star (KM)	0.156		
72				nu hat (KM)	25.86			nu star (KM)	26.27		
73				theta hat (KM)	0.622			theta star (KM)	0.612		
74				80% gamma percentile (KM)	0.108			90% gamma percentile (KM)	0.285		
75				95% gamma percentile (KM)	0.523			99% gamma percentile (KM)	1.205		
76											
77				Gamma Kaplan-Meier (KM) Statistics							
78				Approximate Chi Square Value (26.27, α)	15.58			Adjusted Chi Square Value (26.27, β)	15.44		
79				95% Gamma Approximate KM-UCL (use when n>=50)	0.161			95% Gamma Adjusted KM-UCL (use when n<50)	0.163		
80											
81				Lognormal GOF Test on Detected Observations Only							
82				Shapiro Wilk Test Statistic	0.955			Shapiro Wilk GOF Test			
83				5% Shapiro Wilk Critical Value	0.818			Detected Data appear Lognormal at 5% Significance Level			
84				Lilliefors Test Statistic	0.205			Lilliefors GOF Test			
85				5% Lilliefors Critical Value	0.283			Detected Data appear Lognormal at 5% Significance Level			
86				Detected Data appear Lognormal at 5% Significance Level							
87											
88				Lognormal ROS Statistics Using Imputed Non-Detects							
89				Mean in Original Scale	0.0855			Mean in Log Scale	-3.248		
90				SD in Original Scale	0.241			SD in Log Scale	1.053		
91				95% t UCL (assumes normality of ROS data)	0.129			95% Percentile Bootstrap UCL	0.132		
92				95% BCA Bootstrap UCL	0.17			95% Bootstrap t UCL	0.272		
93				95% H-UCL (Log ROS)	0.0881						
94											
95				Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution							
96				KM Mean (logged)	-3.116			KM Geo Mean	0.0443		
97				KM SD (logged)	1.025			95% Critical H Value (KM-Log)	2.259		
98				KM Standard Error of Mean (logged)	0.285			95% H-UCL (KM -Log)	0.0966		
99				KM SD (logged)	1.025			95% Critical H Value (KM-Log)	2.259		
100				KM Standard Error of Mean (logged)	0.285						
101											
102				DL/2 Statistics							
103				DL/2 Normal				DL/2 Log-Transformed			
104				Mean in Original Scale	0.233			Mean in Log Scale	-1.977		
105				SD in Original Scale	0.343			SD in Log Scale	0.97		
106				95% t UCL (Assumes normality)	0.295			95% H-Stat UCL	0.281		

	A	B	C	D	E	F	G	H	I	J	K	L
107	DL/2 is not a recommended method, provided for comparisons and historical reasons											
108												
109	Nonparametric Distribution Free UCL Statistics											
110	Detected Data appear Gamma Distributed at 5% Significance Level											
111												
112	Suggested UCL to Use											
113	95% KM Approximate Gamma UCL					0.161						
114												
115	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
116	Recommendations are based upon data size, data distribution, and skewness.											
117	These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).											
118	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
119												

UCL Statistics for Data Sets with Non-Detects

User Selected Options	
Date/Time of Computation	ProUCL 5.111/9/2023 1:43:56 PM
From File	Pro UCL Input_Total PCB Subsurface.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

TPCB

General Statistics

Total Number of Observations	117	Number of Distinct Observations	70
Number of Detects	66	Number of Non-Detects	51
Number of Distinct Detects	56	Number of Distinct Non-Detects	15
Minimum Detect	0.0131	Minimum Non-Detect	0.02
Maximum Detect	55	Maximum Non-Detect	2
Variance Detects	155.9	Percent Non-Detects	43.59%
Mean Detects	10.44	SD Detects	12.49
Median Detects	6.564	CV Detects	1.196
Skewness Detects	1.556	Kurtosis Detects	2.35
Mean of Logged Detects	0.916	SD of Logged Detects	2.335

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.806	Normal GOF Test on Detected Observations Only
5% Shapiro Wilk P Value	1.185E-11	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.202	Lilliefors GOF Test
5% Lilliefors Critical Value	0.109	Detected Data Not Normal at 5% Significance Level

Detected Data Not Normal at 5% Significance Level

Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

KM Mean	5.94	KM Standard Error of Mean	0.99
KM SD	10.62	95% KM (BCA) UCL	7.701
95% KM (t) UCL	7.581	95% KM (Percentile Bootstrap) UCL	7.604
95% KM (z) UCL	7.568	95% KM Bootstrap t UCL	7.87
90% KM Chebyshev UCL	8.91	95% KM Chebyshev UCL	10.25
97.5% KM Chebyshev UCL	12.12	99% KM Chebyshev UCL	15.79

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	1.183	Anderson-Darling GOF Test
5% A-D Critical Value	0.828	Detected Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.118	Kolmogorov-Smirnov GOF
5% K-S Critical Value	0.117	Detected Data Not Gamma Distributed at 5% Significance Level

Detected Data Not Gamma Distributed at 5% Significance Level

Gamma Statistics on Detected Data Only

k hat (MLE)	0.451	k star (bias corrected MLE)	0.441
Theta hat (MLE)	23.14	Theta star (bias corrected MLE)	23.69
nu hat (MLE)	59.57	nu star (bias corrected)	58.2
Mean (detects)	10.44		

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

54	GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)										
55	For such situations, GROS method may yield incorrect values of UCLs and BTVs										
56	This is especially true when the sample size is small.										
57	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates										
58				Minimum	0.01			Mean	5.961		
59				Maximum	55			Median	0.242		
60				SD	10.66			CV	1.789		
61				k hat (MLE)	0.237			k star (bias corrected MLE)	0.237		
62				Theta hat (MLE)	25.11			Theta star (bias corrected MLE)	25.15		
63				nu hat (MLE)	55.56			nu star (bias corrected)	55.47		
64				Adjusted Level of Significance (β)	0.0479						
65				Approximate Chi Square Value (55.47, α)	39.35			Adjusted Chi Square Value (55.47, β)	39.19		
66				95% Gamma Approximate UCL (use when n>=50)	8.403			95% Gamma Adjusted UCL (use when n<50)	8.439		
67											
68				Estimates of Gamma Parameters using KM Estimates							
69				Mean (KM)	5.94			SD (KM)	10.62		
70				Variance (KM)	112.9			SE of Mean (KM)	0.99		
71				k hat (KM)	0.313			k star (KM)	0.31		
72				nu hat (KM)	73.15			nu star (KM)	72.6		
73				theta hat (KM)	19			theta star (KM)	19.14		
74				80% gamma percentile (KM)	9.183			90% gamma percentile (KM)	17.45		
75				95% gamma percentile (KM)	26.88			99% gamma percentile (KM)	51.29		
76											
77				Gamma Kaplan-Meier (KM) Statistics							
78				Approximate Chi Square Value (72.60, α)	53.98			Adjusted Chi Square Value (72.60, β)	53.78		
79				95% Gamma Approximate KM-UCL (use when n>=50)	7.989			95% Gamma Adjusted KM-UCL (use when n<50)	8.019		
80											
81				Lognormal GOF Test on Detected Observations Only							
82				Shapiro Wilk Approximate Test Statistic	0.884			Shapiro Wilk GOF Test			
83				5% Shapiro Wilk P Value	1.0825E-6			Detected Data Not Lognormal at 5% Significance Level			
84				Lilliefors Test Statistic	0.172			Lilliefors GOF Test			
85				5% Lilliefors Critical Value	0.109			Detected Data Not Lognormal at 5% Significance Level			
86				Detected Data Not Lognormal at 5% Significance Level							
87											
88				Lognormal ROS Statistics Using Imputed Non-Detects							
89				Mean in Original Scale	5.972			Mean in Log Scale	-0.519		
90				SD in Original Scale	10.65			SD in Log Scale	2.547		
91				95% t UCL (assumes normality of ROS data)	7.605			95% Percentile Bootstrap UCL	7.554		
92				95% BCA Bootstrap UCL	7.692			95% Bootstrap t UCL	7.885		
93				95% H-UCL (Log ROS)	39.54						
94											
95				Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution							
96				KM Mean (logged)	-0.712			KM Geo Mean	0.491		
97				KM SD (logged)	2.655			95% Critical H Value (KM-Log)	4.17		
98				KM Standard Error of Mean (logged)	0.274			95% H-UCL (KM -Log)	46.63		
99				KM SD (logged)	2.655			95% Critical H Value (KM-Log)	4.17		
100				KM Standard Error of Mean (logged)	0.274						
101											
102				DL/2 Statistics							
103				DL/2 Normal				DL/2 Log-Transformed			
104				Mean in Original Scale	6.067			Mean in Log Scale	-0.111		
105				SD in Original Scale	10.6			SD in Log Scale	2.236		
106				95% t UCL (Assumes normality)	7.692			95% H-Stat UCL	23.14		

	A	B	C	D	E	F	G	H	I	J	K	L
107	DL/2 is not a recommended method, provided for comparisons and historical reasons											
108												
109	Nonparametric Distribution Free UCL Statistics											
110	Data do not follow a Discernible Distribution at 5% Significance Level											
111												
112	Suggested UCL to Use											
113	95% KM (Chebyshev) UCL					10.25						
114												
115	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
116	Recommendations are based upon data size, data distribution, and skewness.											
117	These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).											
118	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
119												

D Statistical Analysis

Technical Memorandum

Review of Sample Size Sufficiency for Special Area 13 Risk-Based Remediation Design

---

1. Purpose and Scope

According to 40 CFR 761.61(a)(2) and 40 CFR 761 Subpart N, PCB remediation waste cleanup sites should follow a sample collection on a 10-foot grid system. However, the EPA often allows flexibility from this requirement for larger sites. This attachment assesses the adequacy of the existing site characterization data to support a risk-based remediation plan for Special Area 13 (SA-13).

SA-13 has been divided into four areas for remedial design, including main dredged disposal area, first fill area, second fill area and third fill area. The main dredge disposal area and the first fill area have already been covered with an approved cover/cap by NYSDEC and EPA. Therefore, this attachment excludes evaluating the adequacy of data for these areas. The third fill area, the residential section of SA-13, will have soils with PCB concentrations exceeding 1 ppm excavated and removed. Post-excavation confirmation sampling will ensure that the material left contains less than 1 ppm of PCB, thus not requiring an evaluation of existing site characterization data.

The focus of this sample size evaluation is on the SA-13 second fill area, both covered and uncovered, where a risk-based remediation approach is proposed. This approach involves installing a soil/clay cover and restricting access to eliminate direct contact exposure pathways, as per the TSCA regulation for low occupancy areas.

2. Existing Site Data

The SA-13 second fill area covers approximately 274,400 square feet (ft²). Approximately 187,300 ft^2 is currently uncovered and approximately 87,100 ft^2 is covered with an asphalt parking lot. Soil samples were collected during the 1992 Malcolm Pirnie, Inc. (MPI) investigation, the 2002 NYSDEC investigation (NYSDEC 2003) and the 2005 Remedial Investigation (RI). Figures 2-2 and 2-3 from the main pathway analysis report shows the locations of surface samples, soil borings, MW borings and test pits. A total of 52 surface soil samples and 117 subsurface soil samples were collected from 97 locations, resulting in a sample density of roughly one location per 2,830 ft², which approximates a 50 by 50-foot grid.

Total PCB (TPCB) concentration for each sample was calculated as sum of Aroclors. When one or more Aroclors were detected, the TPCB was the sum of all detected Aroclor concentrations. When no Aroclors were detected, the TPCB was set to the highest reporting limit among the Aroclors. For a subset of RI samples, a screening method was used for Aroclor analysis. In such cases, the TPCB concentrations were adjusted to be comparable to TPCB from standard Aroclor analysis method (8082) using the formula established in RI (E & E 2012):

$$TPCB_{8082} = 1.3714 \times TPCB_{screening}{}^{1.0104}$$

Figure 1 shows the distribution of TPCB concentrations in both surface and subsurface soil samples. TPCB concentrations varied from non-detect to 55 mg/kg, with an arithmetic mean (*i.e.*, average) at 4.9 mg/kg. Notably, 83% of samples had concentrations below 10 mg/kg, and 92% of the samples exhibited concentrations lower than 20 mg/kg.

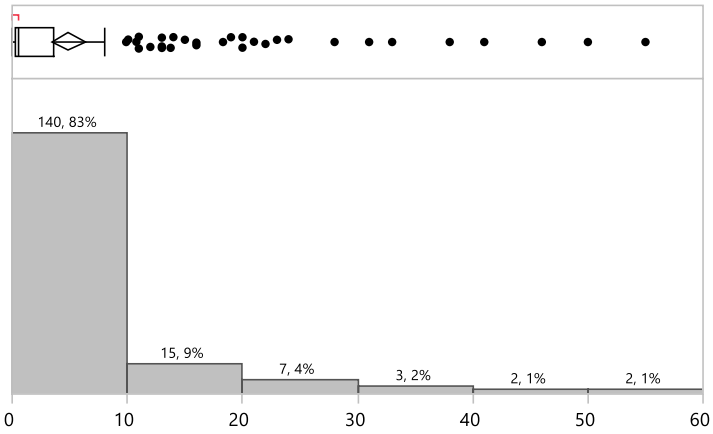


Figure 1 Distribution of TPCB concentrations in surface and subsurface soil samples collected in SA-13 second fill area. Text shown on each bar represents the total number and percentage of samples within the specified concentration range.

3. Sample Size Evaluation

A risk-based approach requires accurately estimating the arithmetic mean concentration. The goal of this evaluation is to determine the minimum number of samples required to provide a precise estimate of the mean based on site data variability. High data variability demands a larger sample size. To ensure a conservative estimate of the sample size, both surface and subsurface data were considered as they captured the possible range of TPCB concentrations.

The accuracy on the mean can be assessed by the relative error on the mean. To find the appropriate sample size, bootstrap resampling was used to establish the relationship between the relative error on the mean and sample size. The process involved:

1) Randomly selecting N samples from the existing site data set with replacement
2) Calculating the arithmetic mean concentration using the selected N samples
3) Repeating the above steps 10,000 times to yield 10,000 arithmetic mean values
4) Calculating the relative error on the mean as: Relative Error = (95% UCL - μ) / μ

Where, μ is the mean of 10,000 means, and 95% Upper Confidence Limit (UCL) of the mean is the 97.5th percentile value of the 10,000 means.

This calculation of relative error at sample size N was repeated for sample sizes ranging from 20 to 250. Figure 2 depicts the relationship between relative error and sample size based on bootstrap analysis. These results show that relative error decreases as sample size increases. With the existing number of samples (N=169), the relative error of the mean is approximately 35 %. The figure further demonstrates that with increasing sample size provides limited benefit in reducing the error on the mean.

A relative error on the mean of about 35% implies that the estimated mean concentration of TPCB, based on the existing site data, could deviate by approximately 35% from the true mean. In the context of an average TPCB concentration of 4.9 mg/kg, this level of uncertainty suggests that the actual mean concentration could range from approximately 3.2 mg/kg to 6.6 mg/kg.

For the remedial design for the second fill area, a 35% relative error on the mean is deemed acceptable, particularly when evaluating the site mean (4.9 mg/kg) against the concentration thresholds established by TSCA to determine varying design requirements, as detailed in the main text. As a result, the existing data can reasonably guide the remedial design decision for this area.

For risk assessment, the 95% UCL of the mean was used in the evaluation. The 95% UCL represents an upper bound estimate of the true mean. While additional sample collection can lead to a more precise mean estimate, it's important to note that even with more data, the mean would fall below the 95% UCL value in 95% of instances. Therefore, the 95% UCL serves as a conservative estimate of the mean, and essentially addressed the uncertainty on the mean with existing site data.

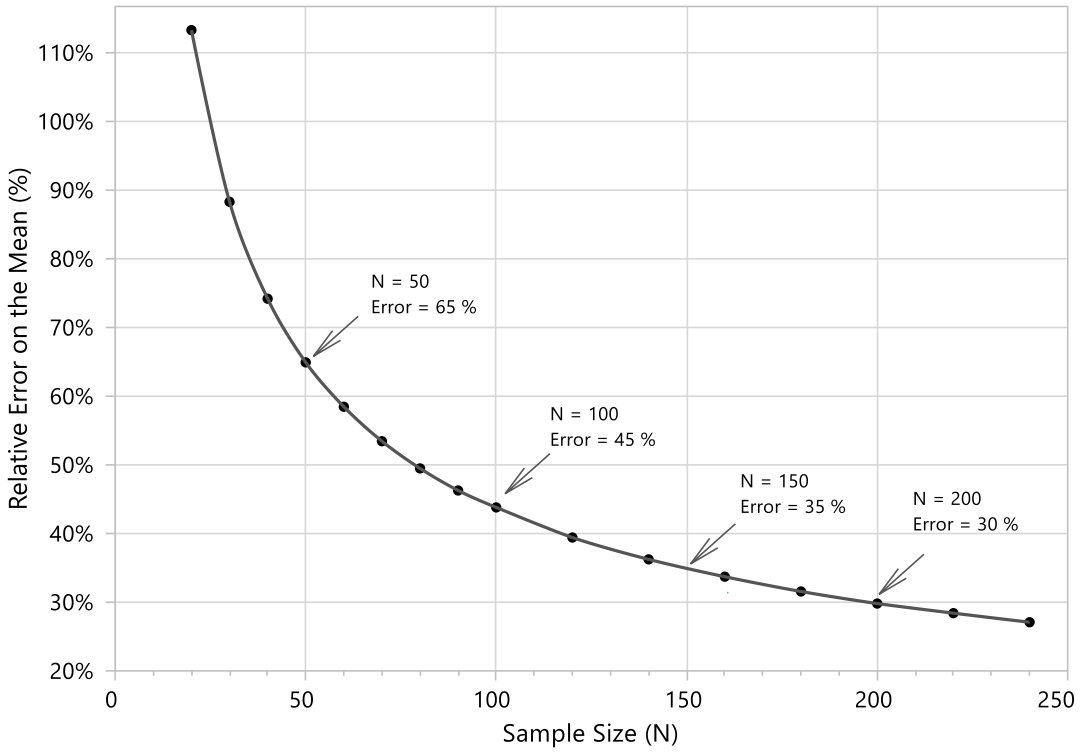


Figure 2 The relationship between relative error and sample size from bootstrap analysis using samples collected within the SA-13 second fill area. Simulated results are shown as black data points, with a smoothing line connecting these points for visualization.

4. Conclusion

The adequacy of the existing data and the level of relative error acceptable for site decisions will depend on the data quality objectives and risk tolerance of the project. In light of the sample size evaluation for the SA-13 second fill area, it is evident that the existing data, with a relative error of approximately 35% on the mean, are sufficient to guide the remedial design decision, particularly when considering the TSCA's specified concentration thresholds for different design requirements. For the purpose of risk assessment, 95% UCL of the mean was used in the evaluation, essentially addresses the uncertainty on the mean with existing site data.

5. References

Ecology and Environment Engineering, P.C. (E & E). 2012. *Remedial Investigation Report for the Special Area 13 Dredge Spoil Disposal Area*. February 2012.

Malcom Pirnie, Inc. (MPI). 1992. *Hudson River PCB Project, Dredge Spoil Sites Investigation*. December 1992.

New York State Department of Environmental Conservation (NYSDEC). 2003. *Preliminary Sampling Project, Old Moreau Dredge Spoil Area,* prepared by the Division of Environmental Remediation, Albany, New York.