

2015 Second Quarter Groundwater Monitoring Report

April - June 2015

Claremont Polychemical Corporation Site

505 Winding Road

Old Bethpage, Nassau County, New York 11804

Site Code: 130015

WA# D006130-19

Prepared for:

New York State Department of Environmental Conservation
Division of Environmental Remediation
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Albany, New York 12233

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Submitted: July 22, 2015

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**2015 Second Quarter Groundwater Monitoring Report
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Old Bethpage, New York 11804**

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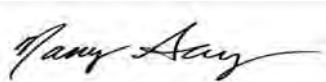
Project Address: Claremont Polychemical, 505 Winding Rd, Old Bethpage, NY

CERTIFICATION

I, Nancy Garry, certify that I am currently a NYS Registered Professional Engineer as defined in 6 Part NYCRR Part 375 and that this report, 2015 Second Quarter Groundwater Monitoring Report, was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER -10) and that all activities were performed in full accordance with the DER-approved workplan and any DER-approved modifications.

Environmental Contractor: HRP Engineering, P.C.

By:



Nancy Garry, PE

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1.0 INTRODUCTION

HRP Associates Inc. d.b.a HRP Engineering, P.C. (HRP) is pleased to submit this report containing groundwater quality data, discussions and data deliverables related to the second quarter 2015 (April - June 2015) groundwater monitoring event conducted at the Claremont Polychemical Corporation Site (Claremont); hereinafter referred to as the "Site"(Figure 1). The groundwater monitoring event and the preparation of this deliverable are part of the routine groundwater monitoring program being conducted at the Site. This report has been prepared for submittal to the New York State Department of Environmental Conservation (NYSDEC) and includes the following:

- Brief overview of historical site activities;
- Discussion of the on-site groundwater treatment system;
- Brief description of the scope of the field activities;
- Groundwater elevation contours;
- Tetrachloroethylene (PCE) and trichloroethylene (TCE) contaminant concentration profiles in groundwater;
- Groundwater PCE and TCE contaminant concentrations discussion;
- Brief discussion of the groundwater quality data;
- Comparison of data from this monitoring period to data from previous periods; and
- Conclusions Recommendations and.

2.0 SITE BACKGROUND

2.1 Site Overview

The Claremont Polychemical Corporation, a former manufacturer of pigments for plastics and inks, coated metal flakes, and vinyl stabilizers, operated on-site from 1966 to 1980. The Site was proposed for inclusion on the Environmental Protection Agency (EPA) National Priorities List (NPL) in October 1984 and was listed as a superfund site in June 1986. A Comprehensive Remedial Investigation Feasibility Study (RI/FS) for the Site was initiated in March 1988 by the EPA. Under this RI/FS, the EPA sampled the surface and subsurface soil, the groundwater, underground storage tanks, and the building. The EPA RI/FS reports were released to the public in August 1990. The EPA RI/FS findings indicated that on-site soils contaminated with PCE, located in the former "spill area", constituted a potential threat to groundwater resources. A comprehensive remedy for the Site was completed and documented in several EPA Records of Decisions (RODs) issued in 1989-1990. The Site was divided into six operable units (OU), each with specific remedial activities. Operable Unit No. 4 (OU IV) is designated as "Remedial Program" and involves the treatment of the on-site volatile organic compounds (VOC) that have contaminated groundwater.

A groundwater treatment system was installed on-site by the EPA and Army Corp of Engineers (ACOE) to control OU IV. Full-scale operation of the groundwater remedial system began in February 2000, reportedly pumping and treating 470 gpd (gallons per day). SAIC Inc. operated and maintained the treatment system from 2000 to May 2011. During that period SAIC monitored the treatment system operation on a regular basis by collecting system discharge and quarterly groundwater samples. In May 2011, the operation, maintenance, and sampling of the remediation system was relinquished from the ACOE/EPA to the NYSDEC, who subsequently retained HRP to operate, maintain and sample the remediation system. Each extraction well (EX) pump is capable of pumping up to 200 gallons per minute (gpm). However, historically, EX-1, EX-2, and EX-3 extract 190 gpm, 188 gpm, and 175 gpm, respectively, for a total of approximately 553 gpm.

Based on conversations with the NYSDEC project manager in August 2014, EX-2 was taken off line and the flow from EX-1 was decreased to ~ 60 gallons per minute. This average pumping rate as of August 24, 2014 translates to approximately 330,000 to 360,000 gallons per day. Extraction well EW-1 continues to pumped at a decreased rate and EW-3 is operating without restriction to maintain a radius of influence (ROI).

During the work responsibility transition from the EPA to the NYSDEC, the NYSDEC requested copies of reports and analytical results generated during the EPA's operations of the remediation system, including but not limited to quarterly groundwater sampling data from SAIC, EPA Region 2 and the ACOE. Previous groundwater monitoring reports were not available for HRP's review. Therefore, the historical groundwater data was not reviewed by HRP or incorporated into this report.

2.2 Location

The Site is located on a 9.5-acre parcel in an industrial section of Old Bethpage, Nassau County, New York (see Figure 1 for location). The property formerly had one two-story building, covering approximately 35,000 square feet (the former processing plant demolished in 2012) and currently has a water treatment building, covering approximately 5,200 square feet. The Site lies approximately 800 feet east of the border between Nassau and Suffolk County and is accessed via Winding Road on the property's western border. Adjacent properties include:

South and Southeast - Bethpage State Park and a golf course;
East - State University of New York-Farmingdale Campus;
West - Oyster Bay Solid Waste Disposal Complex; and
North - Commercial and light industrial, including Mana Construction.

The Oyster Bay Solid Waste Disposal Complex is a NYSDEC Superfund Site with the Town of Oyster Bay as the responsible party. The Nassau County Fireman's Training Center, which has also contributed to soil and groundwater contamination in the area, is located approximately 500 feet south of the Oyster Bay Solid Waste Disposal Complex. The Oyster Bay Solid Waste Disposal Complex has a groundwater extraction and treatment system in operation, the Fireman's Training Center groundwater extraction and treatment system was shutdown in 2014. In addition, the golf course has a number of pump/irrigation wells, which are used for watering their fairways. The closest residences are approximately one-half mile from the Site, immediately west of the Old Bethpage Landfill Superfund site. The nearest public supply well is located 3,500 feet northwest of the Site and nearly 47,000 people are drawing water from private-use wells located within three miles of the Site.

2.3 Site History

According to the "Five-Year Review Report for Claremont Polychemical Corporation" prepared by the EPA Region 2, dated March 2014, the Claremont Polychemical Corporation manufactured pigments for plastics and inks, coated metal flakes, and vinyl stabilizers operated from 1966 to 1980. During its operation, Claremont disposed of liquid waste in three leaching basins and deposited solid wastes and treatment sludges in drums or in old, aboveground metal tanks. The principal wastes generated were organic solvents, resins and wash wastes (mineral spirits). Located inside the process building were a solvent recovery system (steam distillation), two pigment dust collectors and a sump. To the west of the building, there were five concrete treatment basins, each with a capacity of 5,000 gallons, which contained sediments and water. Six aboveground tanks, three of which contained wastes, were located east of the process building. Other features included an underground tank farm, construction and demolition debris, dry wells and a water supply well.

2.4 Site Geological Setting

The "Claremont Polychemical Superfund Site Long-Term Groundwater Monitoring Old Bethpage, New York" report (dated December 2001) prepared by SAIC reported that site-specific subsurface investigations from a variety of soil borings and monitoring/injection/extraction well installations to a maximum depth of 250 feet below ground surface (bgs) identified "well-stratified fine to medium sand with silt lenses, abundant peat laminae, and discontinuous sand layers" (Ebasco, 1990). Borings in the northern portion of the Site also encountered numerous interbedded silt and clay horizons. A comparison of Site logs with municipal supply well logs to the north suggest that the Site is located within a transitional area between the predominately sandy southern portion of the Magothy Formation and an interbedded clayey-sand portion to the north (Ebasco, 1990).

The 2001 report also indicated that groundwater flow was generally to the south-southeast with historical gradients ranging from 0.001-0.002 ft/year and horizontal flow velocities of 0.43 ft/day or 157 ft/yr (Ebasco, 1990). Groundwater elevations are depressed in the areas of the extraction wells while the system is in operation. Hydraulic permeability (slug) tests performed during the EPA RI calculated hydraulic conductivities ranging between 200 and 400 gdp/ft² which is significantly lower than historical data from actual pump tests. The vertical component of flow was historically less than 0.5 ft/year and lacked any consistency or pattern. It was thus determined to be insignificant with respect to contaminant movement (Ebasco, 1990).

The 2001 report also stated that the direction of groundwater flow from the western portion of the Site is to the east, south and southeast and reverses on the eastern and southeastern portions of the Site. The gradient was reported to be approximately 0.024 ft as measured between monitoring wells SW-1 and SW-2 over a distance of approximately 500 ft. The semi-radial component of flow and steep gradient are indicative of the groundwater extraction system's capture zone. However, groundwater levels were recorded from five sets of clustered monitoring wells, or 13 data points, in and around the source area. Hence, the report concluded that the capture zone is not realistically defined as it tends to center around monitoring well cluster SW-2/DW-2, instead of the three extraction wells slightly to the southeast.

3.0 GROUNDWATER TREATMENT SYSTEM

A description of the groundwater treatment system and a review of its effectiveness of contamination recovery and hydraulic control are provided below.

3.1 Groundwater Treatment System Description

The groundwater treatment system is designed to treat metals, organic contaminants, and provide final pH adjustment. The system consists of an extraction system, above-ground treatment, and a reinjection system. Each of the system components are discussed below.

Groundwater Treatment System Extraction Wells

The groundwater collection system consists of three extraction wells (EX-1, EX-2, and EX-3) installed approximately 150 feet apart, south of the Site oriented in a southwest-northeast line. EX-1, EX-2, and EX-3 are screened from approximately 75, 95, and 94 feet mean sea level (MSL)(just below the water table) to approximately 175, 190, and 194 feet MSL, respectively, and are outfitted with 10 horsepower pumps. In May 2013, fixed end packers (packers) were installed in EX-1 and EX-2, effectively blocking the non-contaminated, bottom portion of EX-1 and EX-2 extraction well, at 115 feet MSL and 125 feet MSL, respectively.

Each extraction well pump is capable of pumping up to 200 gallons per minute (gpm). However, historically EX-1, EX-2, and EX-3 extract 190 gpm, 188 gpm, and 175 gpm for a total of approximately 553 gpm, respectively. Based on the step-down test completed in June 2013, the pumping rate of EX-1 and EX-2 were reduced to 110 gpm and 120 gpm, a 10% reduction in the pumping rates. The average flow rate over the course of a month is approximately 350 to 390 gpm. This average pumping rate translates to approximately 330,000 to 360,000 gallons per day.

Based on the RSO evaluation, extraction wells EX-1 and EX-2 were retrofitted with packers to focus groundwater removal to shallow groundwater, found to be the majority of the remaining contaminated intervals from the site. Following completion of the retrofitted packers, pumps were reinstalled and the treatment system was re-activated. A step-test was conducted on each well to ensure that capture is being achieved. The results of this test were evaluated and indicate that a 10% reduction in pumping rates would reduce the overall influent clean groundwater and limit capture from the up-gradient plume/source while maintaining the capture from contamination originating on-site utilizing EX-1 and EX-2.

Based on conversations between the NYSDEC and HRP in August 2014, EX-2 was taken off line and the flow from EX-1 was decreased to approximately 60 gpm. This average pumping rate as of August 24, 2014 translates to approximately 330,000 to 360,000 gallons per day. Extraction well EX-1

continues to pumped at a decreased rate and EX-3 is operating without restriction to maintain a ROI.

Groundwater Treatment System Path of Remediation

Groundwater pumped from the extraction wells enters a 60,000-gallon equalization tank situated adjacent to the treatment building. Water from the equalization tank flows through two parallel metals-removal trains that are each rated for 250 gpm. Each train includes a reaction tank, a flocculation tank, a clarifier, and a filter followed by air-stripper feed tanks. The feed tanks divert the water through a single packed tower air stripper rated at an average rate of 500 gpm and then through parallel liquid phase carbon units each rated at 250 gpm. The liquid phase carbon units are currently being evaluated for their role in active remediation and use as a final polish in the treatment train. The liquid phase units may be redundant as the contamination levels have been remediated to a concentration level that does not require a final polish prior to reinjection. The air emission from the air stripper is treated with vapor phase carbon. The treated water is then stored in two 42,000-gallon vessels prior to reinjection to the subsurface via four butterfly valve injection wells and/or two infiltration galleries located on the adjacent SUNY Farmingdale campus. The extraction wells are equipped with high-level alarms and are regularly gauged. However, the infiltration galleries are not equipped with level sensors or alarms.

In 2001, after the first nine months of operation, the addition of oxidizing chemicals (potassium permanganate) to the metals removal system was discontinued as the influent metals analytical concentration to the plant met EPA discharge standards for metals. Water continues to flow through the metals portion of the treatment system.

The remediation system is manned by two operators working 40-hour weeks, and an autodialer (telemetry unit) is installed to contact the operators in case of plant alarms. The operators typically respond to alarms within 30 minutes.

Groundwater Treatment System Operating Permits

Water Permit

The plant was issued a water discharge permit dated January 1, 1998, which was renewed on March 4, 2015. A permit renewal application was submitted to and approved by the NYSDEC Bureau of Water Permits. The completed permit reauthorization expires on December 31, 2025.

It is important to note that the NYSDEC Bureau of Water does not have regulatory authority over a discharge from a State, PRP, or Federal Superfund Site. Therefore, Effluent Limitations and Monitoring Requirements outlined in the permit will be enforced by to the NYSDEC Division of Environmental Remediation, Remedial Bureau E.

Air Permit

An air permit is not required for the remediation system operation. In particular, NYSDEC regulation 6 NYCRR Part 375-1.7 states that “no permit is required when the substantive compliance is achieved as indicated by the NYSDEC approval of the workplan”. Based on a review of the information pertaining to the remediation system, VOCs air emissions from the remediation system historically have been negligible.

3.2 Groundwater Treatment System Performance Evaluation

3.2.1 Flow Rate

The volume of treated water discharged by the treatment plant to the injection well field is determined daily from readings of the magnetic flow meter on the plant effluent line. Since startup, the system has treated more than 2.4 billion gallons of groundwater. During the second quarter of 2015 (April - June), the treatment system processed 30.4 million gallons of water.

Flow to infiltration wells IW-1 and IW-3 is restricted so that flow to IG-1 and IG-3 is maximized. The plant's effluent discharge is currently limited by injection pump system capacity.

3.2.2 Groundwater Treatment System Contaminant Removal

To evaluate the treatment system's contaminate influent rate (Chart 1) removal rate, HRP reviewed available treatment system inlet (Charts 1a, 1b, 1c and 2) and effluent analytical results from monthly operation and maintenance (O&M) sampling when the system is operational. Approximately 911 kilograms of chlorinated solvents have been removed since 2002. A plot of historic mass removal rates and cumulative PCE and TCE mass removal is presented as Chart 5. In addition, HRP prepares and submits monthly Groundwater Treatment System O&M Activities reports which discuss monthly O&M activities, technical support, remediation system sample results and project goals met.

3.2.3 Groundwater Treatment System Discharge Monitoring

When the system is operational, effluent data for select VOC compounds (PCE, TCE, and 1,1-DEC) and metals (Iron and Manganese) are analyzed to evaluate compliance with established effluent discharge limits. Chart 3 shows that the past and current effluent concentrations remained below permissible discharge limit levels. Chart 4 shows that the concentrations of iron were under the permissible levels for the second quarter 2015 sampling results. Refer to the monthly O&M and the Significant Events reports for additional information on remediation system performance and daily operations.

4.0 GROUNDWATER MONITORING PROGRAM

On June 15 and 16, 2015 HRP sampled a total of 41 on-site and off-site wells. On-site monitoring wells included DW-1, DW-2, EW-5, EW-7C, EW-7D, EW-8D, EW-9D, and SW-1. Off-site wells included BP-3A, BP-3B, BP-3C, EW-1A, EW-1B, EW-1C, EW-2A, EW-2B, EW-2C, EW-2D, EW-3A, EW-3B, EW-3C, EW-4A, EW-4B, EW-4C, EW-4D, EW-6A, EW-6C, EW-10C, EW-11D, EW-12D, EW-13D, EW-14D, LF-02, MW-6D, MW-8A, MW-8B, MW-8C, MW-10B, MW-10C, MW-10D, and WT-01. In addition, the three extraction wells, EX-1, EX-2, and EX-3, were sampled by isolating each recovery well pumps production water. The monitoring well locations are depicted in Figure 2a. A description of the groundwater sampling event is provided below.

4.1 Hydrological Data

Prior to sample collection, static groundwater levels were measured at the 41 groundwater well locations on June 15, 2015. Depths to groundwater in March 2015 when the PDBs were installed ranged from 41.39 ft (EW-14D) to 100.73 ft bgs (EW-11D) below ground surface (bgs). Depths to groundwater in June 2015 when the PDBs were retrieved ranged from 42.09 ft (EW-14D) to 101.04 ft bgs (EW-11D). The inferred groundwater flow direction is to south-southeast. Overall, groundwater elevations (Table 1) and inferred groundwater flow direction based on groundwater elevation contours (Figure 2b) were consistent with previous data.

4.2 Groundwater Sample Collection

The groundwater samples from the second quarter 2015 monitoring event were collected utilizing passive diffusion bags (PDBs), inserted into the monitoring wells. PDBs were first utilized for sample collection during the May 2012 sample event. PDBs were placed at predetermined, fixed depths (Appendix A) in March 2015 following the first quarter 2015 sampling event. On March 23 and 24, 2015 HRP collected and sampled the PDBs associated with the first quarter 2015 sample event. At the time of sample collection, each PDB bag is retrieved, pierced with a decontaminated item, and the water inside is collected in VOA vials with septum caps, preserved with hydrochloric acid (HCl). The VOA vials are labeled, recorded on a chain of custody, and placed in a cooler with ice.

The samples were submitted to Test America Laboratory, of Edison, New Jersey, an NYSDOH ELAP-approved laboratory, to be analyzed for VOCs via EPA Method 8260. A list of wells sampled and analytical results are presented in Table 2. Based on the historic analytical results of metals, groundwater sampling for metals was discontinued by the NYSDEC following the July 2011 sampling event.

4.3 Groundwater Analytical Results

To assess the status of groundwater quality at the Site and adjacent area which

has monitoring wells, HRP compared collected analytical data from the June 2015 sampling event to historical conditions and to applicable NYSDEC water quality criteria. Compounds detected above NYSDEC Class GA criteria during the June 2015 sampling event include tetrachloroethylene; trichloroethylene; cis-1,2-dichloroethylene; 1,2-Dichloroethane, 1,1-dichloroethylene; 1,1-dichloroethane; and 1,1,1-trichloroethane. Of note, acetone, a known lab artifact, was also detected. See Table 2 for complete results. The measured VOC concentrations during this event are consistent with results from the previous sampling event results.

4.3.1 Comparison to Historical Groundwater Quality

The attached charts (Chart 6a through Chart 6c) illustrate the historical concentration trends for PCE and/or TCE in three wells (EW-1a, EW-4c, SW-1). These wells were selected due to consistent elevated VOC analytical results and the presence of sufficient historical data. In all cases with the exception of EW-4C, EW-4D, and BP-3C, the results continue to indicate a general downward trend in VOC concentrations. EW-4C and EW-4D are sidegradient and upgradient from Claremont and the increases are not attributed to the Claremont spill. BP-3C is located downgradient from Claremont and the increases are not attributed to the Claremont spill.

4.3.2 Plume Evaluation

An assessment of groundwater contamination distribution was conducted by creating contaminant isopleth charts depicting PCE and TCE concentrations versus time (Charts 6a through 6c). In addition, cross sections and plume footprint maps (Figures 3a and 3b) were generated for this sampling event. In general, a decreasing level of contamination was observed. Monitoring wells not associated with the Claremont Site monitoring program, but with the Former American Louvre site is represented on the map as these sites are located hydraulically upgradient and the Old Bethpage Landfill site is represented on the map as these sites are located hydraulically sidegradient with an upgradient aspect from the Claremont Site.

TCE Contamination (Figure 3A)

TCE contamination is predominant to the east of the Site building (Cross section A-A'), and is at its highest concentration (230 ug/l) in well EW-7C, upgradient of the Site, and in the furthest downgradient monitoring well to the southeast towards EW-7C (310 ug/l). Also present to the east of the site is concentrations of 18 ug/L and 28 ug/L at EW-4D and EW-4C, respectively. This plume appears to be separate from an onsite generated plume (Cross section B-B'). The on-site generated plume has maximum observed concentrations of 21 ug/l in SW-1 (Cross section C-C'). As with PCE contamination, additional exceedances were noted in the southern portion of the study area, centered on wells BP-3B (9 ug/L), BP-3C (14 ug/L), and EW-3C (1.3 ug/L).

PCE Contamination (Figure 3B)

PCE has historically been present above groundwater criteria in two zones of the sampling area for the Site. Cross section A-A' east of the Site shows an on-site migrating PCE plume with maximum observed concentrations of 16 micrograms per liter (ug/l) at EW-4D and EW-7C and 5.8 ug/L at EW-12D. A separate plume appears to originate on-site, with maximum concentrations of 210 ug/l in SW-1 (Cross Section C-C'). These plumes seem to be separate (Figure 3A, Cross Section Location cutout). Additional exceedances were noted in the southern portion of the study area, centered on wells BP-3C (180 ug/l) and BP-3B (110 ug/l).

5.0 EXTRACTION WELL CONTAMINANT PROFILE AND MODIFICATION

On August 25, 2014, HRP shut the recovery pump in extraction well EW-2 off at the NYSDEC's request. Extraction well EW-1 continues to pump at a decreased rate and EW-3 is operating without restriction to maintain a ROI. No additional modifications have been made since August 2014.

6.0 CONCLUSIONS AND RECOMMENDATIONS

6.1 Conclusions

HRP completed a groundwater monitoring event in June 2015 at the Claremont Polychemical Corporation Site, in which groundwater samples from 44 wells (groundwater monitoring wells and extraction wells) were collected. Analysis of the data has resulted in the following conclusions:

- A groundwater plume of VOCs, primarily PCE, originates from the south of the former Site building;
- Based on the contamination noted in the upgradient monitoring wells, additional co-mingled plumes (potentially former American Louvre site, Old Bethpage Landfill, and/or Trilite Site) migrate into the Claremont remediation area, and are marked by TCE predominance. The upgradient wells and southeastern wells are out of the operable unit VI and the radius of influence of the remediation system;
- Some of the TCE plume originating northeast of the Site is not being captured by the current treatment system;
- The two plumes identified southeast of the Site may be related to the northernmost plume, although based on the current monitoring network, data gaps between the plumes exist;
- The rate of contamination has been consistent with past sampling rounds, and has slightly increased from historic removal rates as shown on Chart 5;

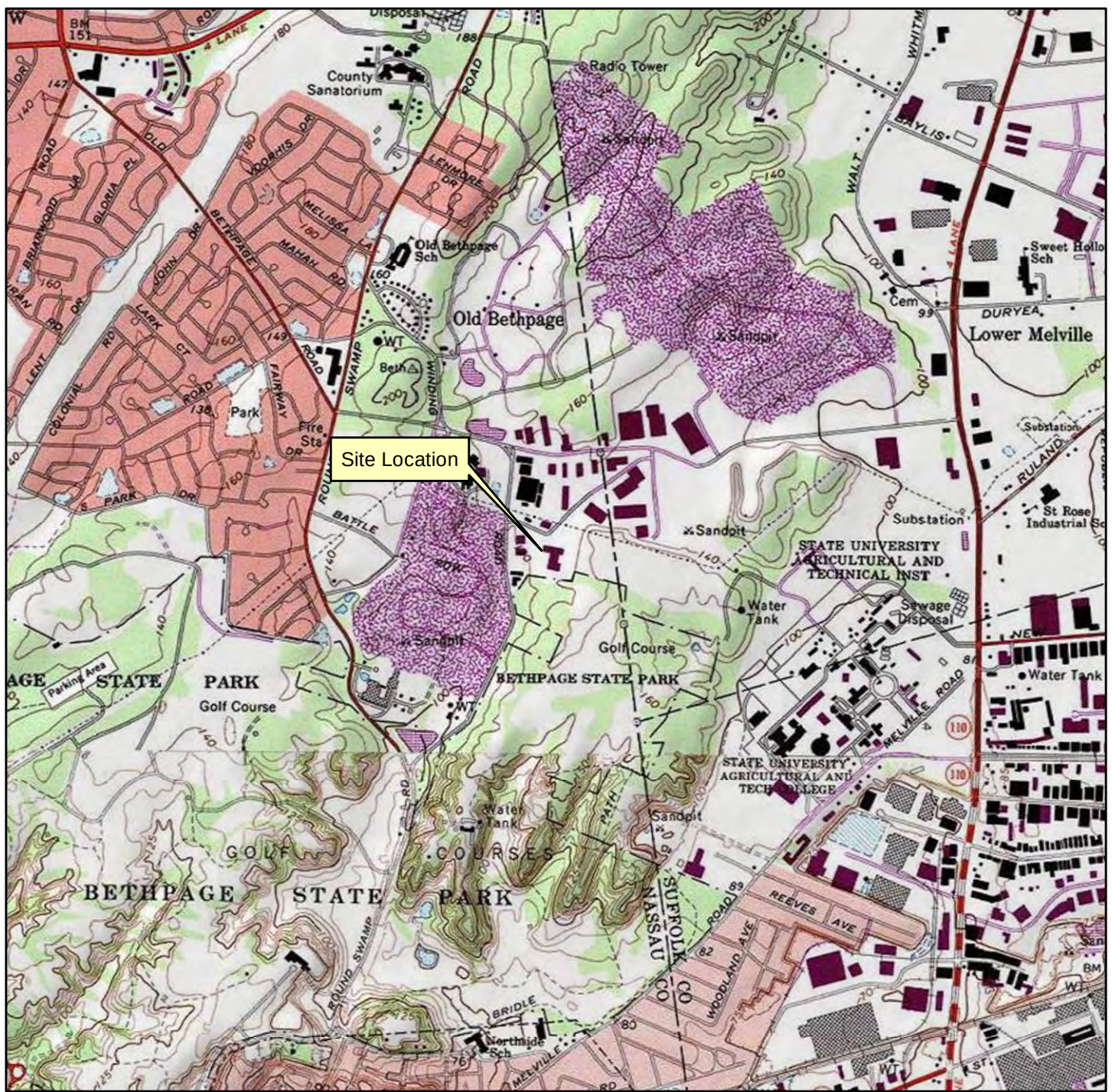
- The results from the second quarter 2015 groundwater sampling event showed compounds detected above criteria during the June 2015 sampling event include tetrachloroethylene; trichloroethylene; cis-1,2-dichloroethylene; 1,2-Dichloroethane, 1,1-dichloroethylene; 1,1-dichloroethane; and 1,1,1-trichloroethane.

6.2 Recommendations

Based on analysis of data collected during this and historical events, HRP has the following recommendations for the Claremont Polychemical Corporation Site:

- Twenty-one of the groundwater monitoring wells currently sampled are recommended for removal from the groundwater monitoring program or a reduction in the frequency of sampling. Refer to the February 18, 2014 "Recommendations on a Reduction in the Number of Groundwater Monitoring Wells Sampled and on the Installation of Additional Groundwater Monitoring Wells" letter report for additional details;
- Continued quarterly VOC monitoring of 20 observation wells using PDBs; and
- Additional investigation to identify the source and connectivity of the plumes or elevated concentrations identified in the MW-10 well cluster, the BP-3 well cluster and specifically at EW-14D.

FIGURES



USGS Quadrangle Information
 Quad ID: 40073-G4
 Name: Huntington, New York
 Date Rev: 1977
 Date Pub: 1979

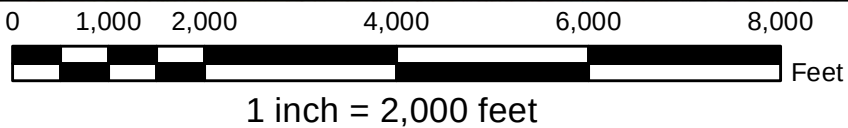
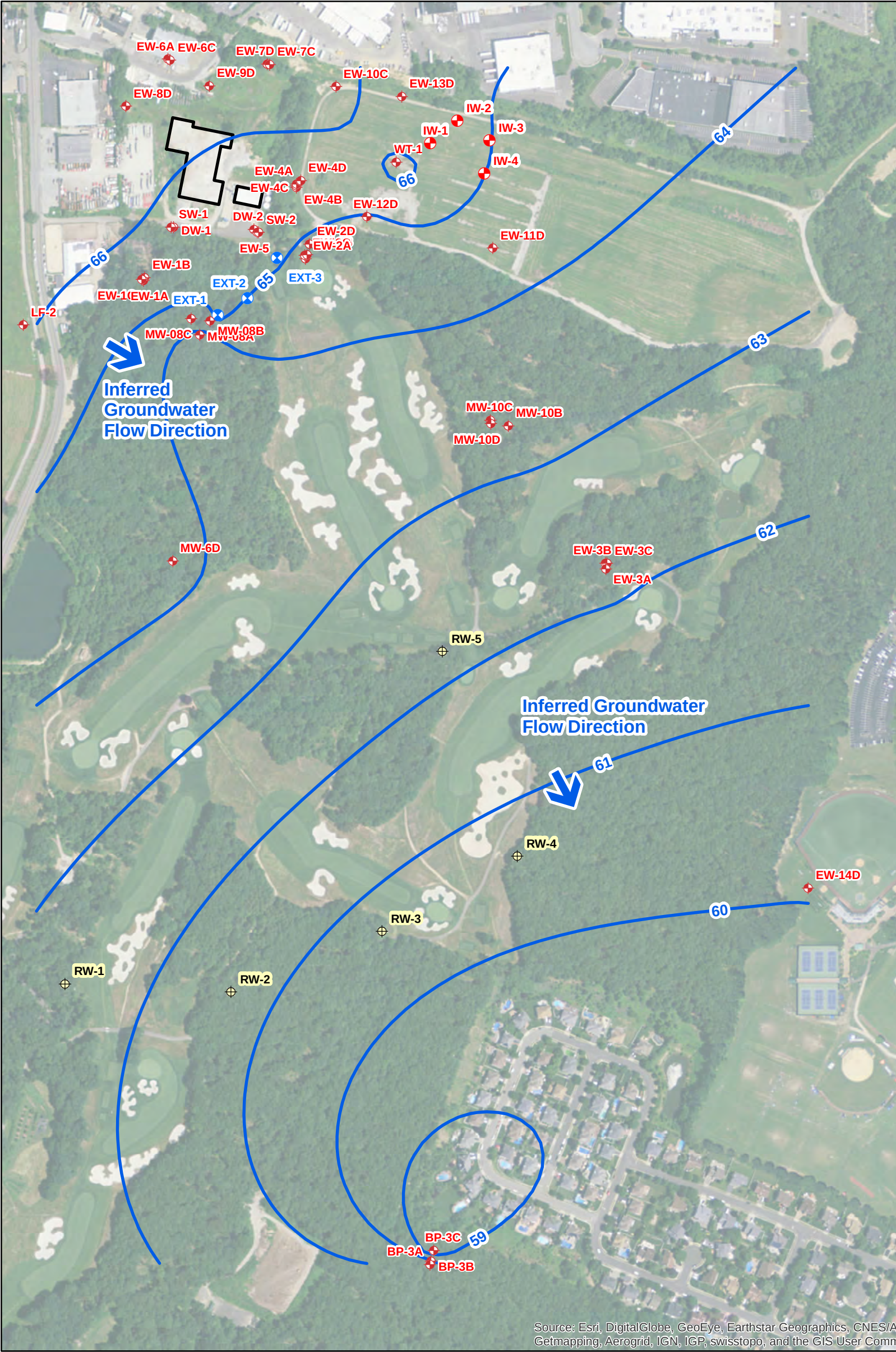


Figure 1
Site Location
Claremont Polychemical Corporation
Old Bethpage, New York
HRP # NEW9625.OM
Site Code 130015
Scale 1" = 2,000'

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Well_ID	GW Elev
BP-3A	62.13
BP-3B	58.32
BP-3C	58.14
DW-1	65.75
DW-2	64.60
EW-1A	65.61
EW-1B	65.56
EW-1C	65.61
EW-2A	64.45
EW-2B	64.60
EW-2C	64.24
EW-2D	64.73
EW-3A	62.20
EW-3B	62.04
EW-3C	62.08
EW-4A	65.68
EW-4B	65.64
EW-4C	65.58
EW-4D	65.29
EW-5	65.75
EW-6A	66.98
EW-6C	66.62
EW-7C	66.30
EW-7D	66.29
EW-8D	66.41
EW-9D	66.31
EW-10C	66.29
EW-11D	64.29
EW-12D	64.75
EW-13D	64.99
EW-14D	60.04
LF-02	65.91
MW-6D	64.23
MW-8A	63.17
MW-8B	64.81
MW-8C	65.01
MW-10B	63.37
MW-10C	63.41
MW-10D	63.27
SW-1	65.77
WT-01	66.33

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

Legend

- Monitoring Well
- Extraction Well
- Injection Well
- Oyster Bay Extraction Well
- June 2015 GW Contours



HRP

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GROUNDWATER
ELEVATION CONTOURS
JUNE 2015

Claremont Polychemical Corporation

Old Bethpage, New York

JRK
DESIGNED BY:

BOB
DRAWN BY:

NEG
REVIEWED BY:

11X17
SHEET SIZE:

07/15/2015
DATE:

NEW9625.OM
PROJECT NUMBER:

North

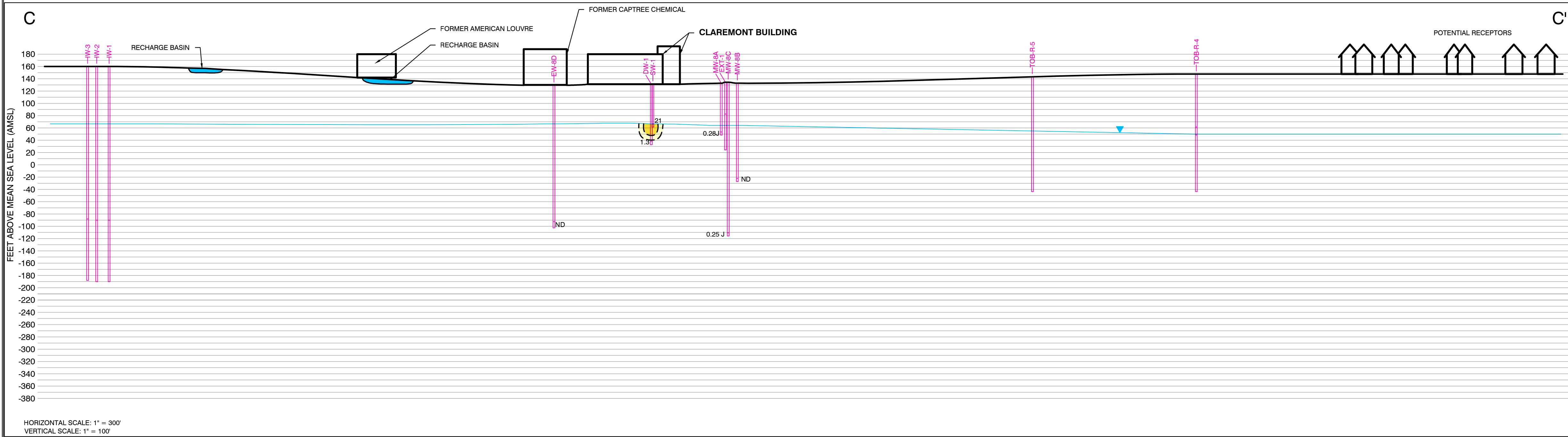
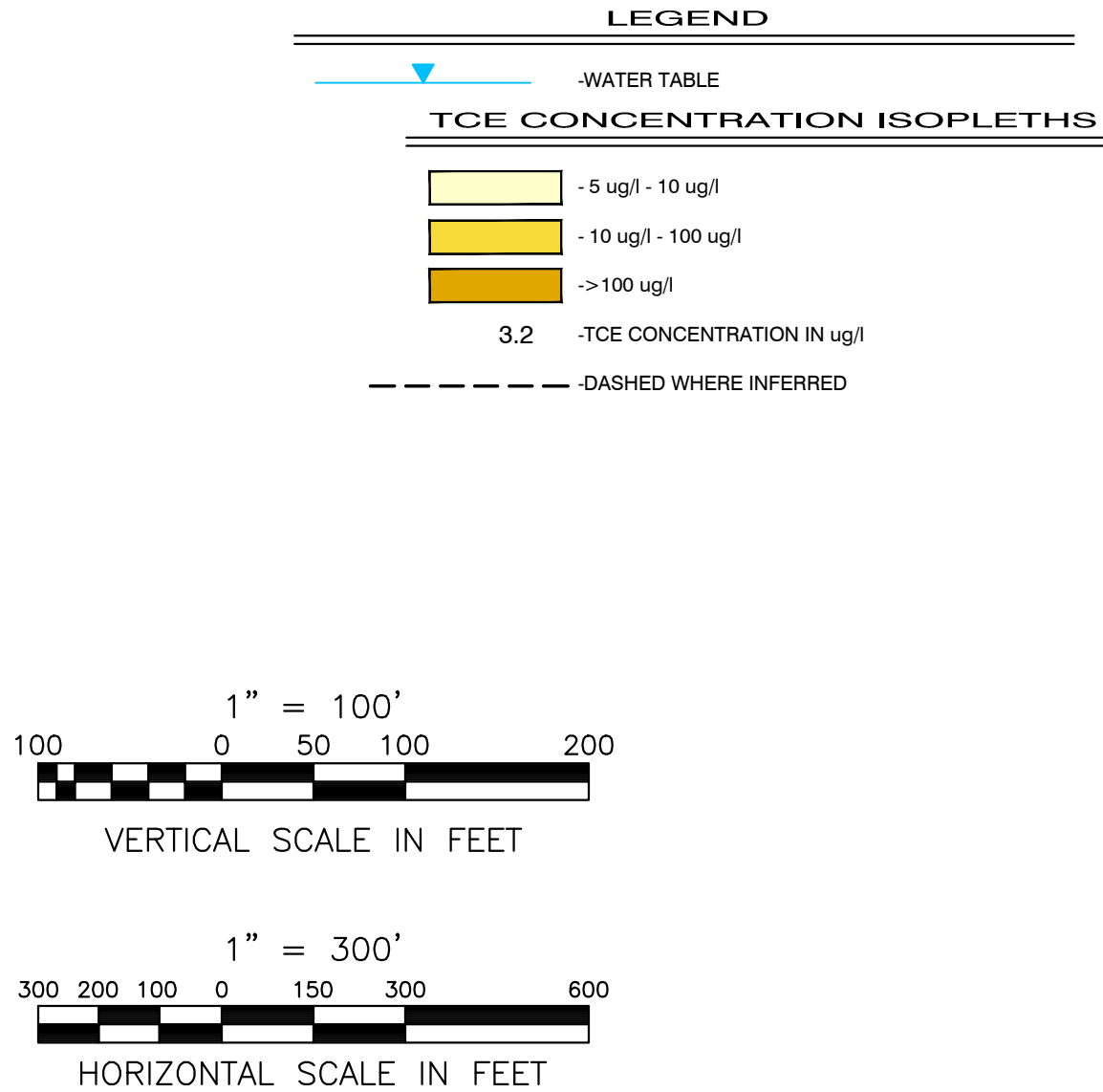
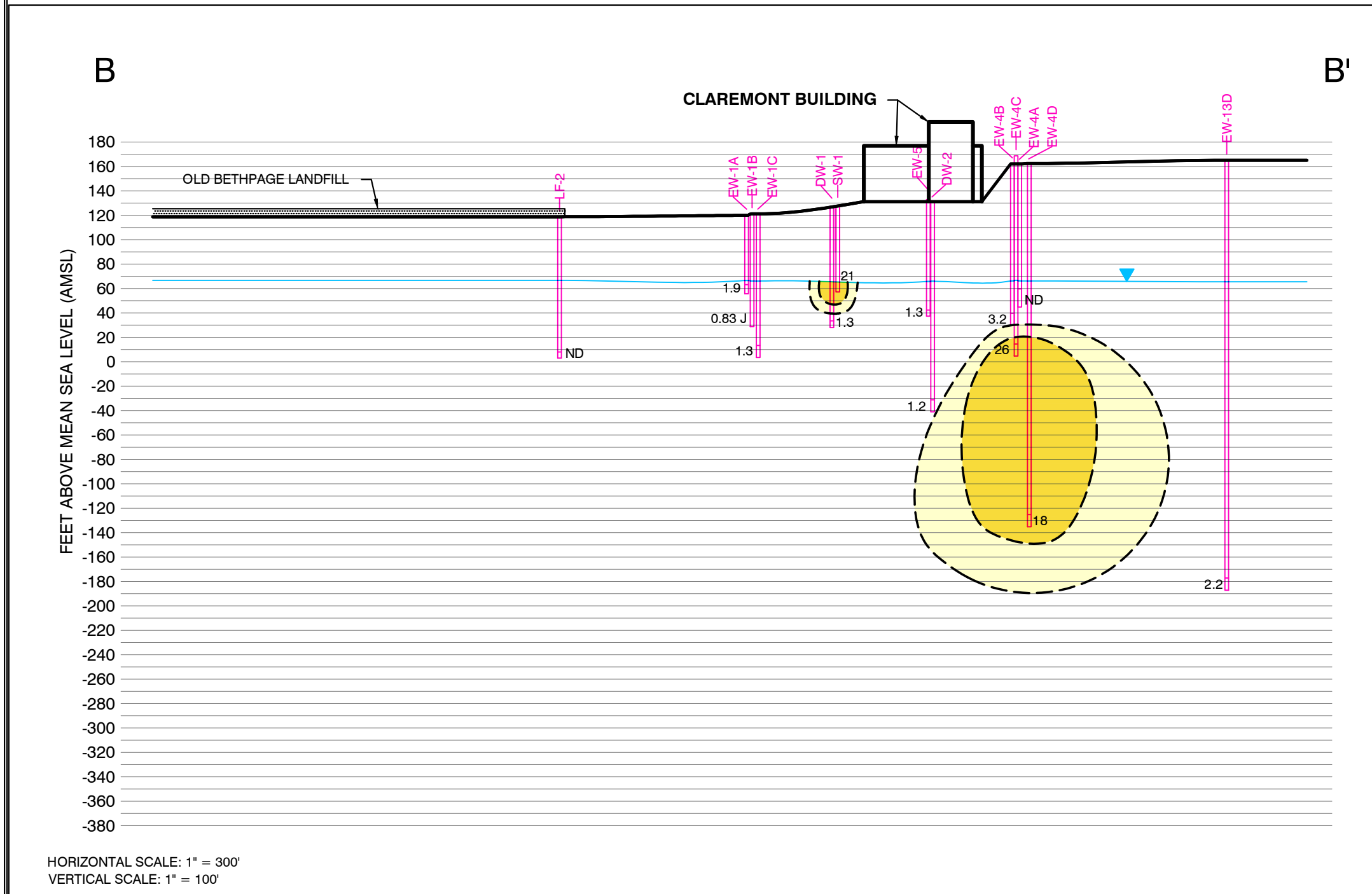
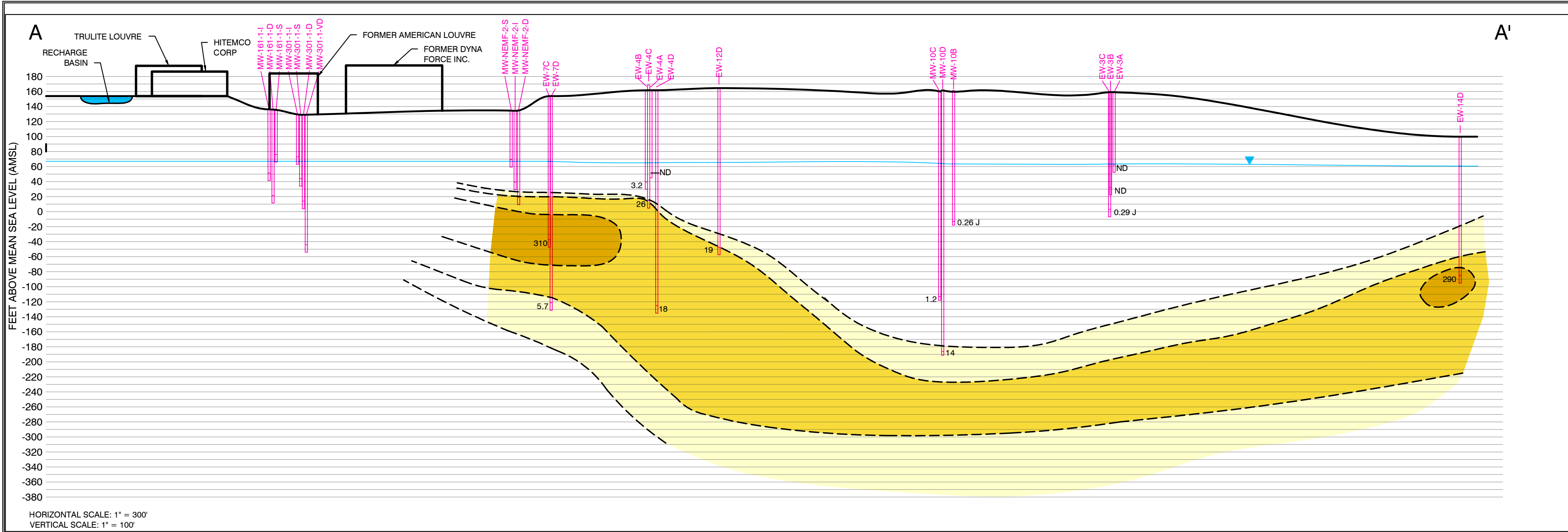
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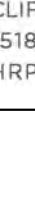
0 100 200 400 Ft

FIGURE

2

DRAWING NAME: S:\Data\N\NEWINS - NY STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION\CLAREMONT POLYCHEMICAL CORP. OLD BETHPAGE LANDFILL TCE CONTAMINATION SECTION 3A LAYOUT Page 3B PLOT DATE: Jul 13, 2015 - 10:24am OPERATOR: DMJ



PCE CONTAMINATION JUNE 2015	CLAREMONT POLYCHEMICAL CORP. OLD BETHPAGE, NEW YORK	DESIGNED:	SCALE:	REVISIONS	
		JRK	AS NOTED	NO.	DATE
		DRAWN:	ISSUE DATE:		
		BOB	07/15/2015		
		REVIEWED:	PROJECT NUMBER:		
		JRK	NEW8625 OM		
		APPROVED:	SHEET SIZE:		
			NEG	74"x36"	
 HRP MOVE YOUR ENVIRONMENT FORWARD				ONE FAIRCHILD SQUARE SUITE 110 CLIFTON PARK, NY 12065 (518) 877-7101 HRPASSOCIATES.COM	
 NORTH				 0' 10' 20'	

TABLES

Table 1
Groundwater Elevation and Well Construction Data
Claremont Polychemical Superfund Site

Well ID	Northing (NAD27)	Easting (NAD27)	Well Diameter (inches)	Depth of Screened Interval (ft bgs)	Elev.of Screened Interval (ft AMSL)	Depth to Pump (ft bgs)	Well Depth (ft bgs)	March '15			June'15		
								Sample Date	Depth to Water Below Ref El ^b (ft)	Water Elevation (ft AMSL)	Sample Date	Depth to Water Below Ref El ^b (ft)	Water Elevation (ft AMSL)
BP-3A	190227.267	2155064.492	4	54 to 74	51 to 71	70	74.00	31-Mar-15	63.38	60.30	15-Jun	62.41	62.13
BP-3B	190244.367	2155068.492	4	215 to 235	-91 to -111	224	235.00	31-Mar-15	64.50	60.04	15-Jun	65.25	58.32
BP-3C	190276.367	2155078.492	4	280 to 300	-156 to -176	290	300.00	31-Mar-15	64.68	59.00	15-Jun	65.54	58.14
DW-1	194070.541	2154132.146	4	93.5 to 98.5	32.89 to 38.39	95	99.10	31-Mar-15	65.74	65.64	15-Jun	65.63	65.75
DW-2	194063.355	2154430.872	4	95 to 100	37.35 to 42.35	100	100.79	31-Mar-15	71.99	64.43	15-Jun	71.82	64.60
EW-1A	193873.779	2154019.942	4	65.17 to 75.00	53.34 to 63.17	75	76.50	31-Mar-15	64.55	65.45	15-Jun	64.39	65.61
EW-1B	193883.104	2154024.450	4	90.17 to 100.00	28.75 to 38.58	100	102.40	31-Mar-15	63.99	66.54	15-Jun	64.97	65.56
EW-1C	193876.735	2154013.250	4	115.17 to 125.00	3.43 to 13.26	125	127.50	31-Mar-15	64.95	65.49	15-Jun	64.83	65.61
EW-2A	193955.252	2154621.992	4	92.17 to 102.00	65.19 to 55.36	97	108.50	31-Mar-15	93.10	64.26	15-Jun	92.91	64.45
EW-2B	193968.144	2154627.191	4	120.17 to 130.00	28.74 to 38.57	125	129.50	31-Mar-15	93.30	64.43	15-Jun	93.13	64.60
EW-2C	193965.658	2154619.710	4	140.17 to 150.00	7.60 to 17.43	145	149.50	31-Mar-15	93.48	64.18	15-Jun	93.42	64.24
EW-2D	193975.500	2154636.500	2.5	291.1 to 301.1	-132.55 to -142.55	296	301.40	31-Mar-15	93.29	64.95	15-Jun	93.51	64.73
EW-3A	192803.360	2155737.476	4	95.17 to 105.00	52.28 to 62.11	103	106.00	31-Mar-15	96.81	62.14	15-Jun	96.75	62.20
EW-3B	192823.359	2155736.476	4	125.17 to 135.00	22.32 to 32.15	133	136.86	31-Mar-15	96.84	62.25	15-Jun	97.05	62.04
EW-3C	192822.360	2155742.476	4	154.17 to 164.00	2.99 to -6.84	162	165.85	31-Mar-15	96.70	62.25	15-Jun	96.87	62.08
EW-4A	194255.578	2154569.281	4	100.17 to 115	44.86 to 59.69	115	116.60	31-Mar-15	96.46	65.32	15-Jun	96.10	65.68
EW-4B	194249.291	2154569.137	4	120.17 to 130.00	29.8 to 39.63	130	131.72	31-Mar-15	96.49	65.31	15-Jun	96.16	65.64
EW-4C	194242.950	2154569.108	4	145.17 to 155.00	4.59 to 14.42	150	157.00	31-Mar-15	96.24	65.30	15-Jun	95.96	65.58
EW-4D	194268.565	2154585.597	2.5	285 to 295	-125.26 to -135.26	290	295.00	31-Mar-15	96.31	65.46	15-Jun	96.48	65.29
EW-5	194051.026	2154443.232	4	165.17 to 175.00	-31.16 to -40.99	170	178.87	31-Mar-15	71.18	65.80	15-Jun	71.23	65.75
EW-6A	194695.522	2154111.047	4	63.17 to 73.00	57.66 to 67.49	68	75.00	31-Mar-15	63.38	66.94	15-Jun	63.34	66.98
EW-6B	Abandoned		4	110.17 to 120.00	10.79 to 20.62	NA	NA	Abandoned			Abandoned		
EW-6C	194691.623	2154118.917	4	160.67 to 170.50	-29.60 to -39.43	164	168.00	31-Mar-15	63.67	66.73	15-Jun	63.78	66.62
EW-7C	194676.000	2154489.000	2.5	189.00 to 199.00	-37.47 to -47.47	194.7	199.50	31-Mar-15	87.36	66.43	16-Jun	87.49	66.30
EW-7D	194677.613	2154479.434	2.5	273.00 to 283.00	-121.47 to -131.47	278.2	283.50	31-Mar-15	87.28	66.43	16-Jun	87.42	66.29
EW-8D	194519.683	2153954.990	2.5	232.00 to 242.00	-102.49 to -112.49	237.5	242.50	31-Mar-15	64.97	66.57	15-Jun	65.13	66.41
EW-9D	194596.601	2154263.993	2.5	244.00 to 254.00	-108.6 to -118.6	249.8	254.50	31-Mar-15	71.25	66.28	15-Jun	71.22	66.31
EW-10C	194593.000	2154734.000	2.5	139.5 to 149.5	19.11 to 9.11	145	150.00	31-Mar-15	94.63	66.31	16-Jun	94.65	66.29
EW-11D	193993.198	2155316.978	2.5	270 to 280	-106.75 to -116.75	275	280.00	31-Mar-15	100.73	64.60	16-Jun	101.04	64.29
EW-12D	194110.000	2154849.000	2.5	209.5 to 219.5	-47.33 to -57.33	215	220.00	31-Mar-15	99.52	64.90	16-Jun	99.67	64.75
EW-13D	194557.000	2154979.000	2.5	340 to 350	-177.28 to -187.28	345	350.30	31-Mar-15	99.21	65.52	16-Jun	99.74	64.99
EW-14D	191632.016	2156477.193	2.5	185 to 195	-85.27 to -95.27	190	195.00	31-Mar-15	41.39	60.74	16-Jun	42.09	60.04
LF-02	193617.347	2153592.477	6	110 to 115	3 to 8	100	102.00	31-Mar-15	52.70	66.00	16-Jun	52.79	65.91
MW-6D	192831.355	2154128.481	4	185 to 190	-26.1 to -31.1	187	190.00	31-Mar-15	96.11	64.28	15-Jun	96.16	64.23
MW-8A	193670.718	2154228.598	4	85 to 90	48.5 to 53.5	NA	90.00	31-Mar-15	70.22	62.96	15-Jun	70.01	63.17
MW-8B	193723.370	2154266.420	4	155 to 160	-22.2 to -27.2	157	160.00	31-Mar-15	69.91	64.33	15-Jun	69.43	64.81
MW-8C	193723.373	2154266.424	4	245 to 250	-110.7 to -115.7	247	250.00	31-Mar-15	70.55	65.17	15-Jun	70.71	65.01
MW-10B	193334.083	2155374.785	4	173 to 178	-13 to -18	175	178.00	31-Mar-15	97.67	63.45	15-Jun	97.75	63.37
MW-10C	193355.184	2155308.330	4	273 to 278	-113.1 to -118.1	275	278.00	31-Mar-15	96.70	63.57	15-Jun	96.86	63.41
MW-10D	193341.537	2155310.126	4	346 to 351	-186.2 to -191.2	348	351.00	31-Mar-15	97.35	63.82	15-Jun	97.90	63.27
PPW-1	194341.106	2154124.530	12/10	300 to 330	-166.15 to -196.15	320	330	Permanently closed Oct. 2008			Permanently closed Oct. 2008		
RW-01	194259.860	2154065.580	Abandoned				157 - 170	Abandoned			Abandoned		
SW-1	194071.311	2154123.654	4	65 to 70	61.50 to 66.50	70	70.99	31-Mar-15	63.88	67.61	16-Jun	65.72	65.77
SW-2	194051.190	2154448.258	4	63 to 73	65.10 to 75.10	/d	73.11	dry			dry		
WT-01	194312.475	2154959.015	4	95.4 to 105.4	56.98 to 66.98	102	107.20	31-Mar-15	98.29	66.28	16-Jun	98.24	66.33

CHARTS

Chart 1: Groundwater Influent Concentration (PCE, TCE, and 1,1-DCE) vs. Time

June 2015 Sampling Event, Claremont Polychemical Superfund Site, Old Bethpage, NY
HRP#NEW9625.OM, Site Code: 130015, WA# D006130-19

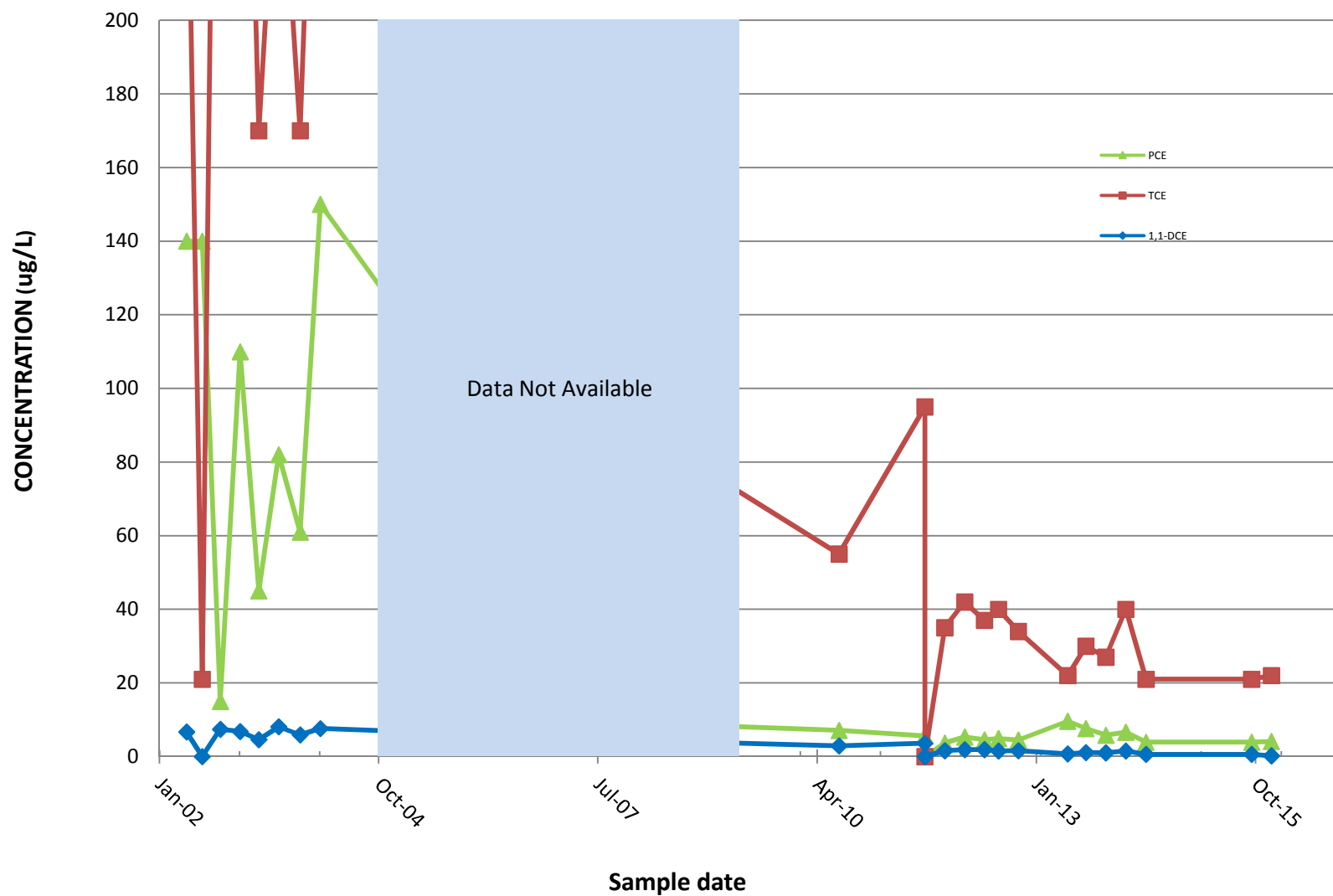


Chart 1a: EXT-1 Concentration (PCE, TCE, 1,1-DCE) vs Time

June 2015 Sampling Event, Claremont Polychemical Superfund Site, Old Bethpage, NY
HRP#NEW9625.OM, Site Code: 130015, WA# D006130-19

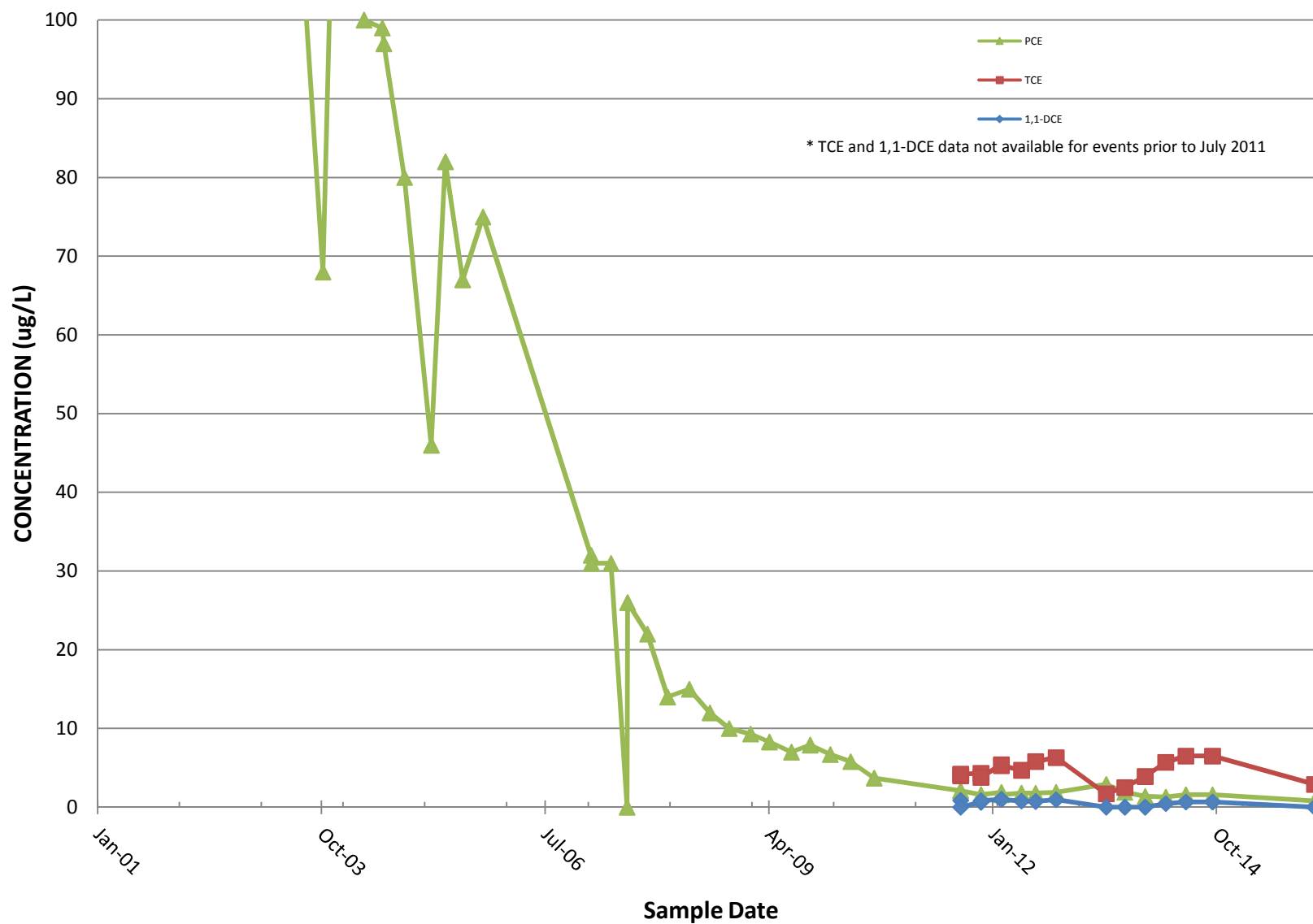


Chart 1b: EXT-2 Concentration (PCE, TCE, 1,1-DCE) vs Time

June 2015 Sampling Event, Claremont Polychemical Superfund Site, Old Bethpage, NY
HRP#NEW9625.OM, Site Code: 130015, WA# D006130-19

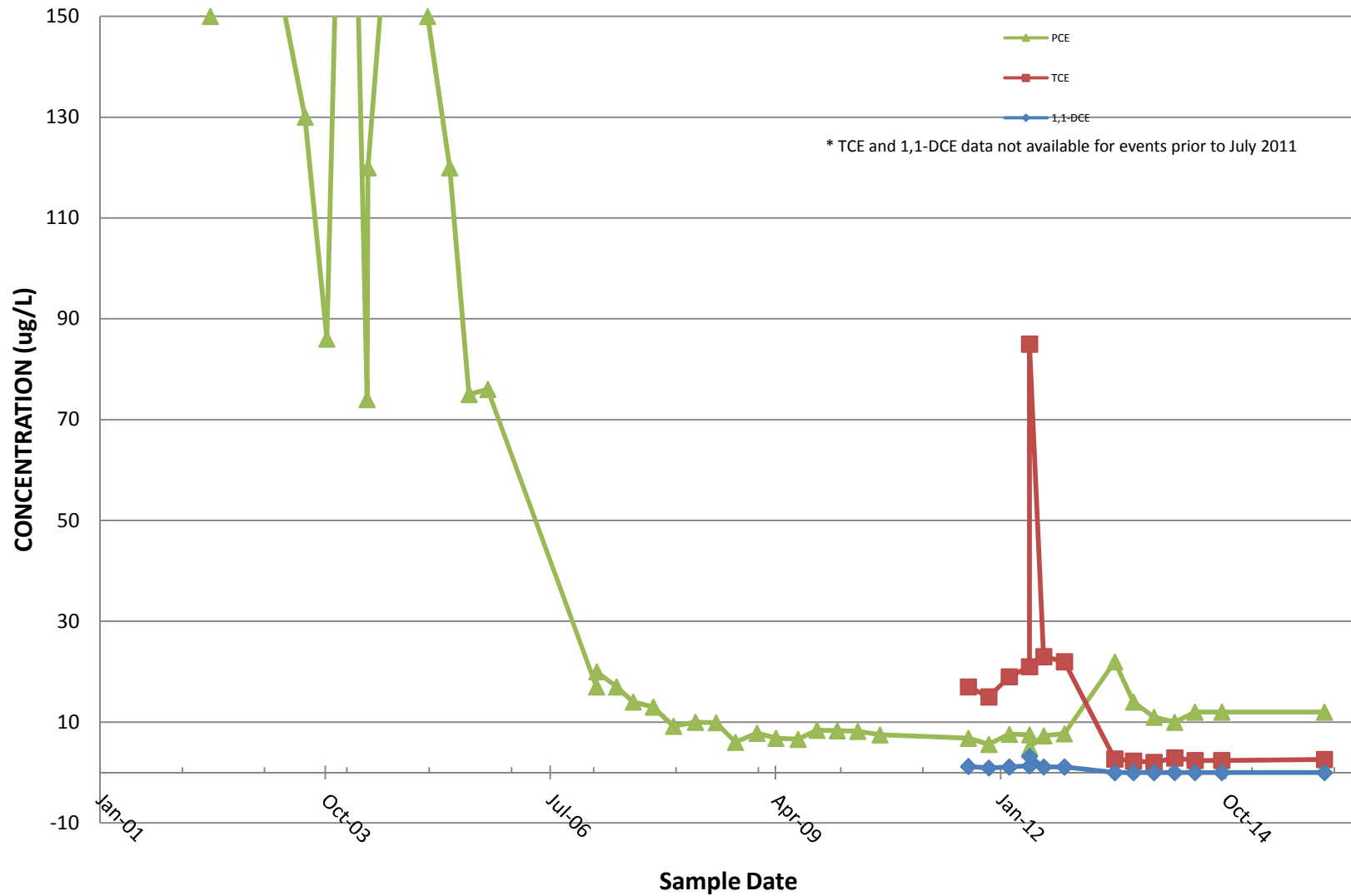


Chart 1c: EXT-3 Concentration (PCE, TCE, 1,1-DCE) vs Time

June 2015 Sampling Event, Claremont Polychemical Superfund Site, Old Bethpage, NY
HRP#NEW9625.OM, Site Code: 130015, WA# D006130-19

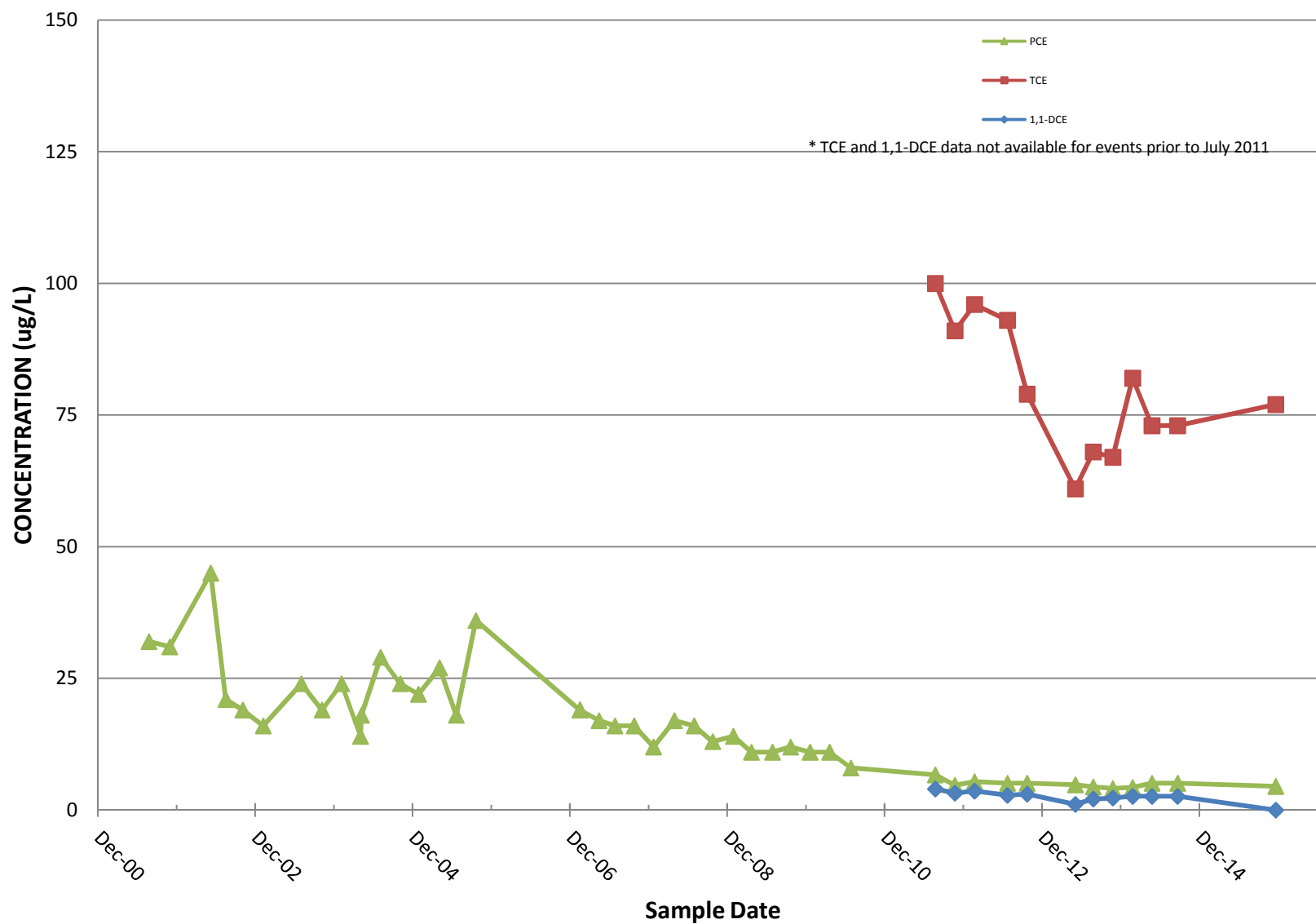


Chart 2: Groundwater Influent Concentration (Iron and Manganese) vs. Time

June 2015 Sampling Event, Claremont Polychemical Superfund Site, Old Bethpage, NY
HRP#NEW9625.OM, Site Code: 130015, WA# D006130-19

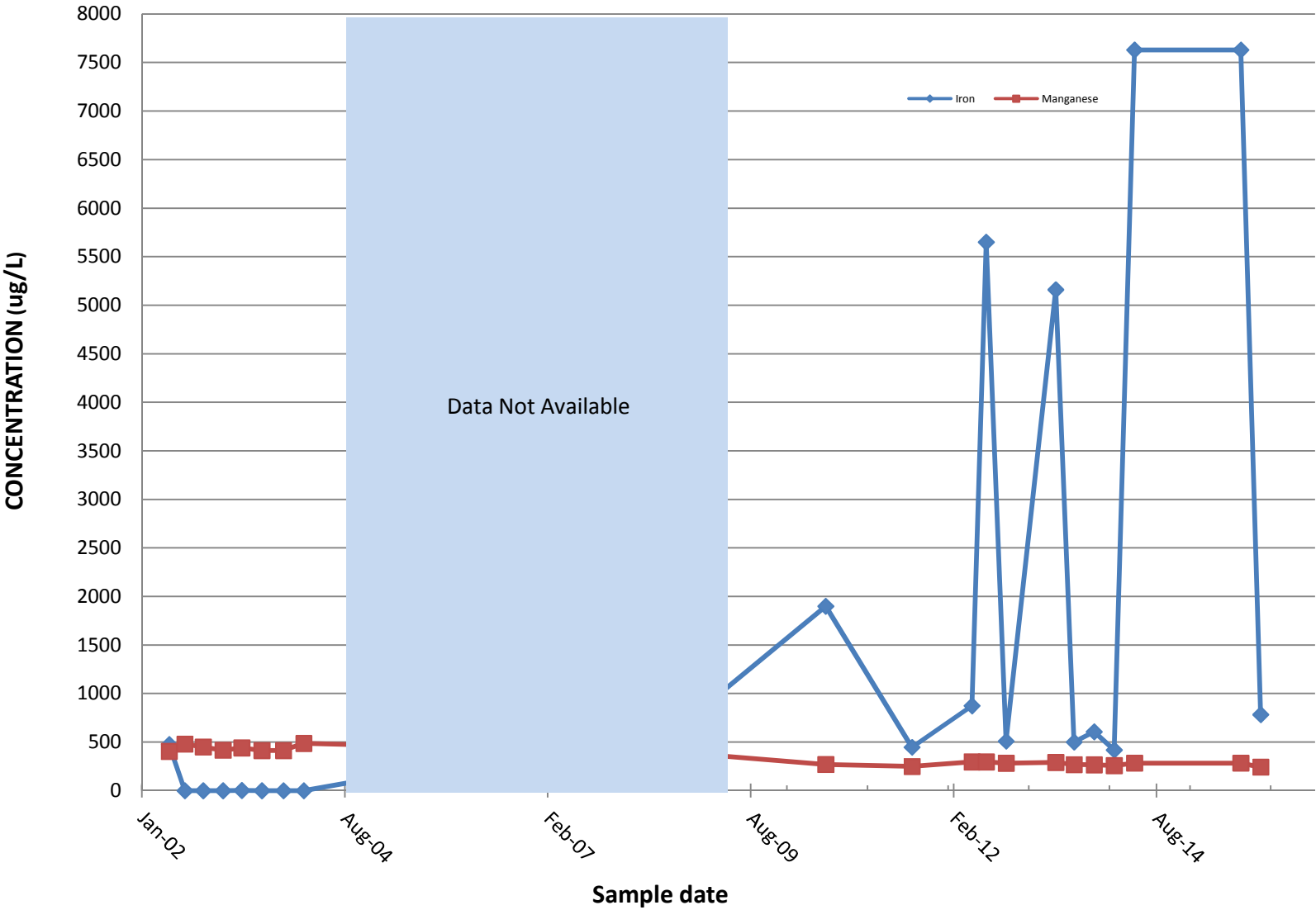


Chart 3: Treated Effluent Concentration (PCE, TCE, 1,1-DCE) vs Time

June 2015 Sampling Event, Claremont Polychemical Superfund Site, Old Bethpage, NY
HRP#NEW9625.OM, Site Code: 130015, WA# D006130-19

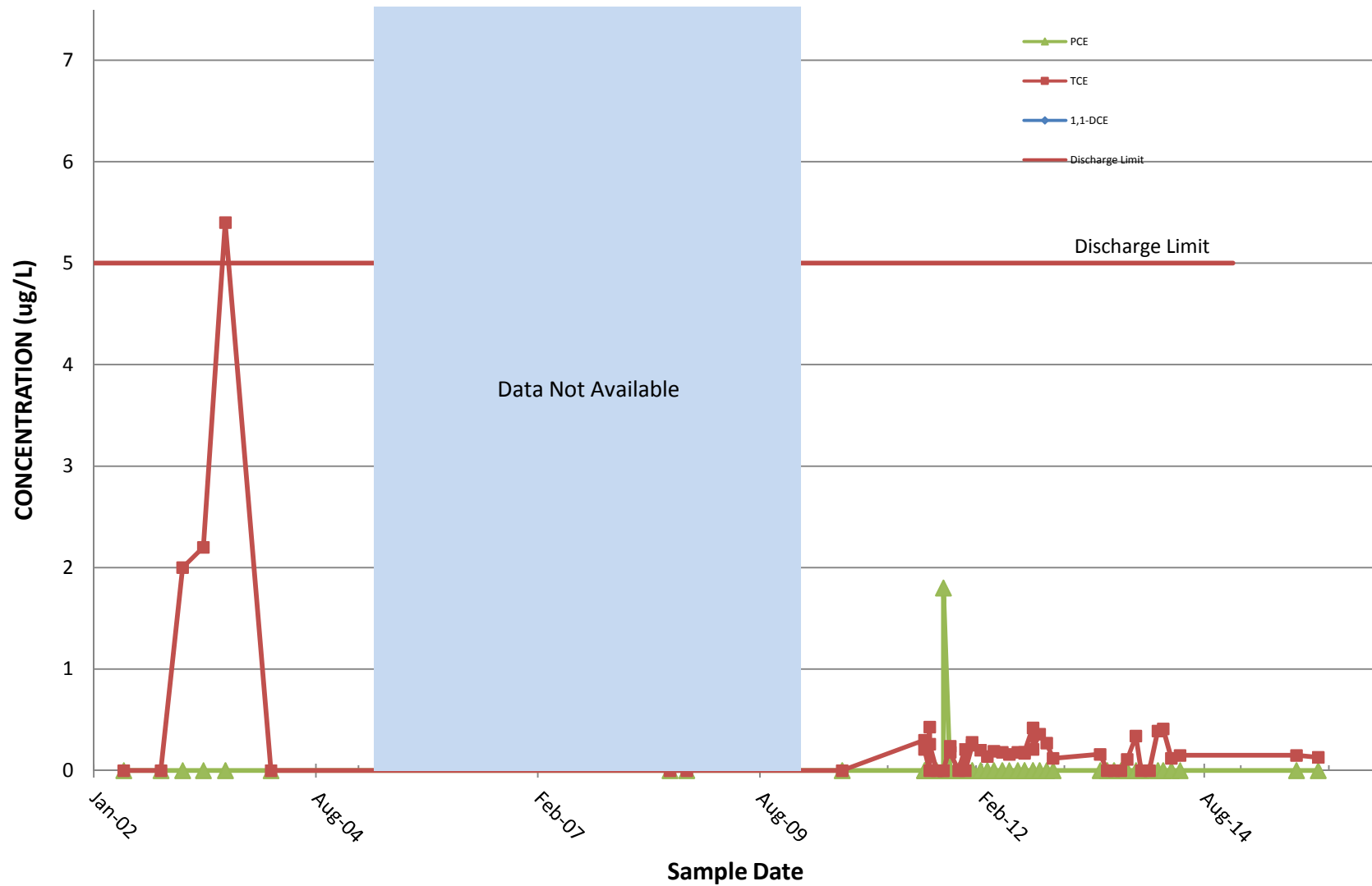


Chart 4: Treated System Effluent Concentration (Iron and Manganese) vs Time

June 2015 Sampling Event, Claremont Polychemical Superfund Site, Old Bethpage, NY
HRP#NEW9625.OM, Site Code: 130015, WA# D006130-19

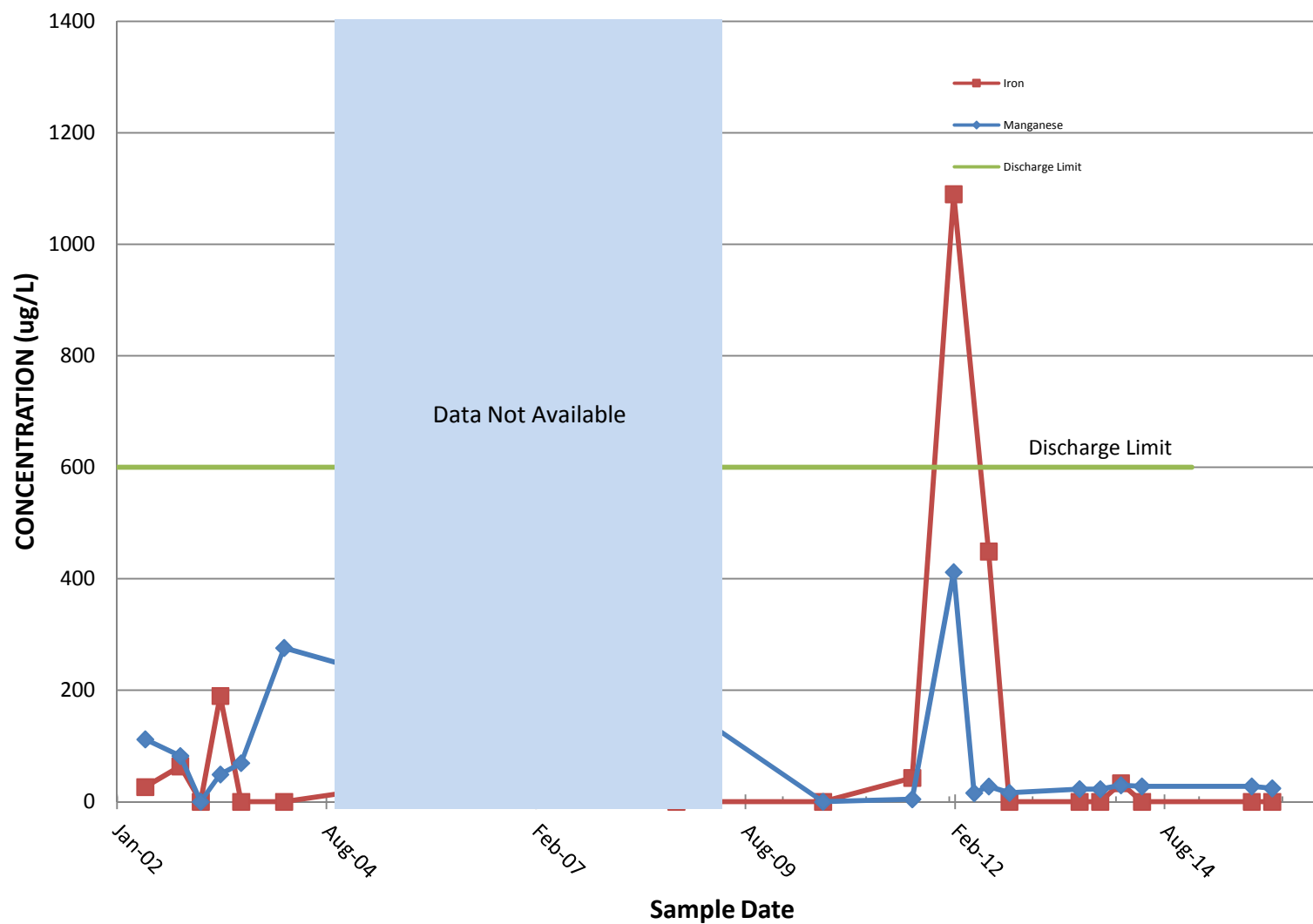


Chart 5: VOC Removal vs Time (PCE, TCE)

June 2015 Sampling Event, Claremont Polychemical Superfund Site, Old Bethpage, NY
HRP#NEW9625.OM, Site Code: 130015, WA# D006130-19

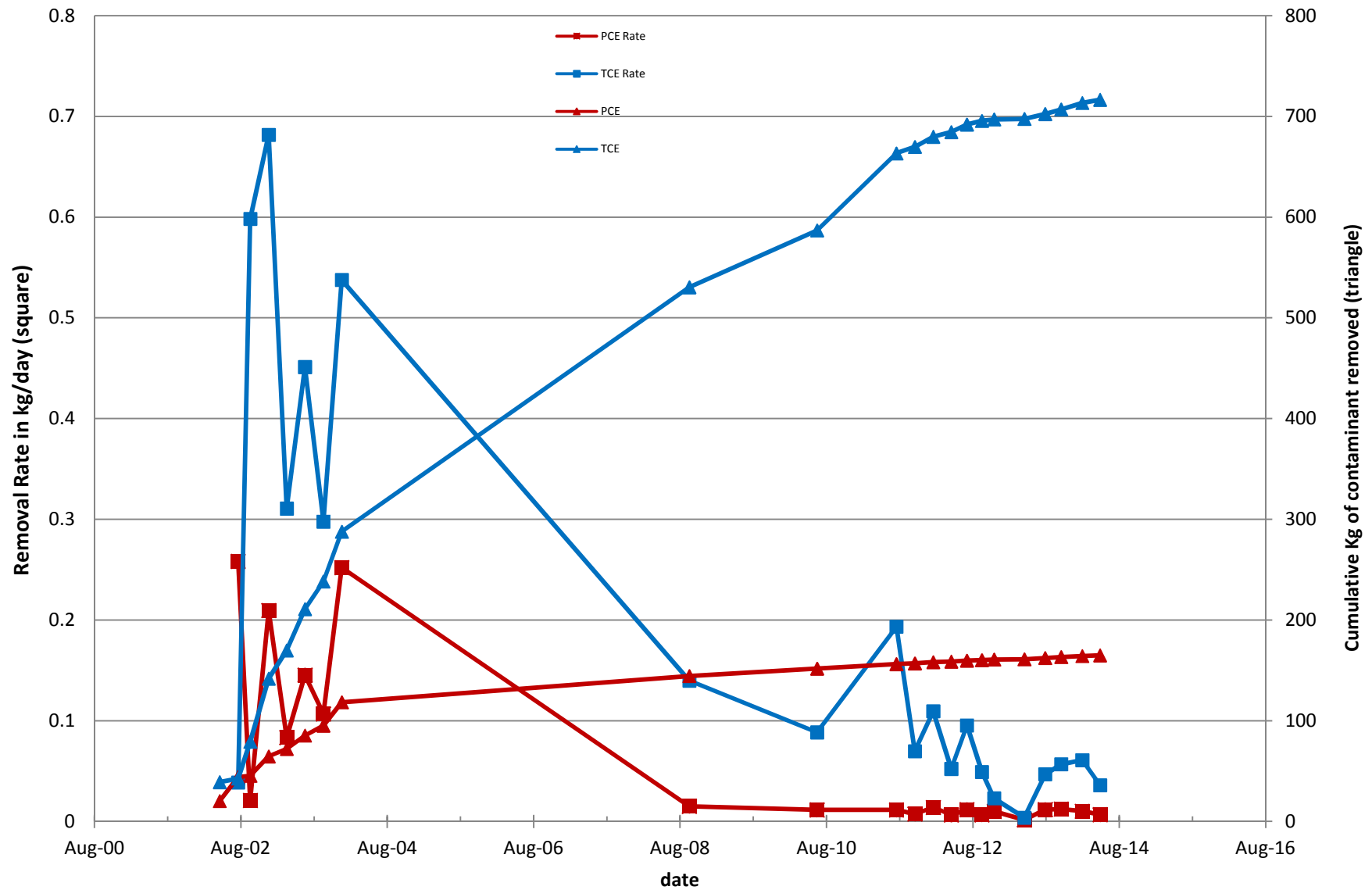


Chart 6a - PCE and TCE Concentrations In EW-1a

June 2015 Sampling Event, Claremont Polychemical Superfund Site, Old Bethpage, NY
HRP#NEW9625.OM, Site Code: 130015, WA# D006130-19

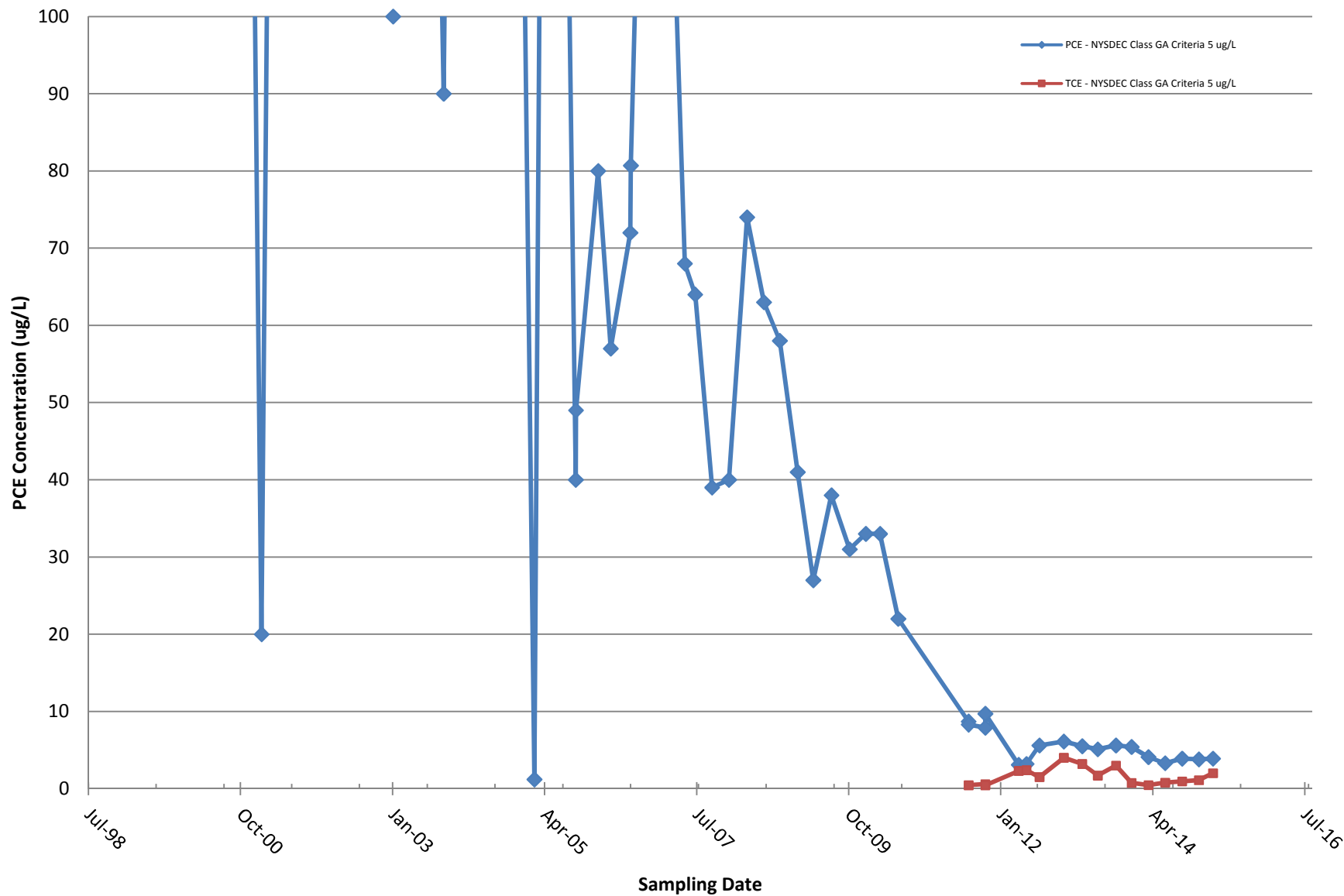
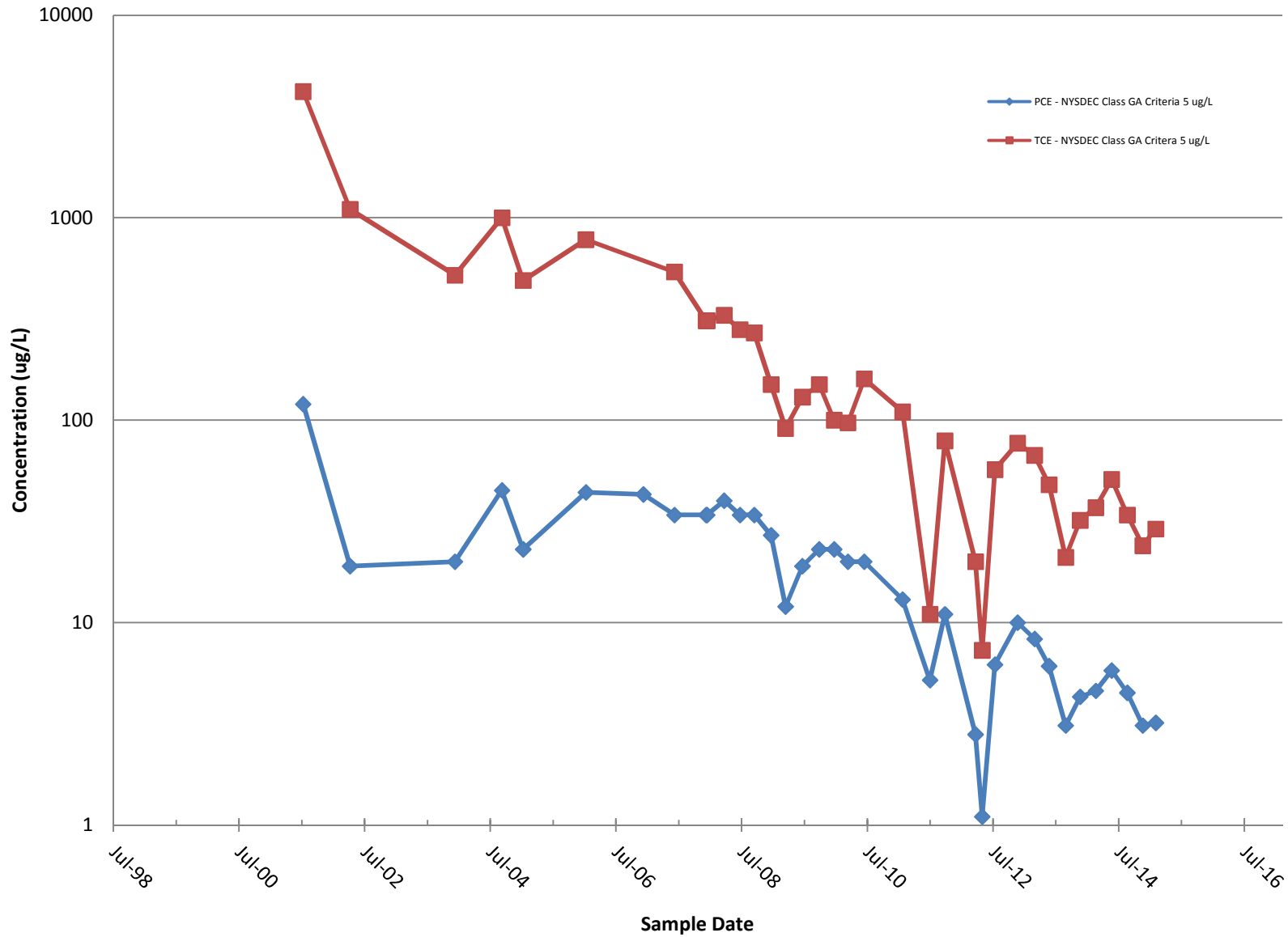


Chart 6b - PCE and TCE Concentrations in EW-4c

June 2015 Sampling Event, Claremont Polychemical Superfund Site, Old Bethpage, NY
HRP#NEW9625.OM, Site Code: 130015, WA# D006130-19



APPENDIX A
Groundwater Sample Log

ANALYTICAL REPORT

Job Number: 460-94855-1

Job Description: DEC Claremont Polychemical- SiteNo130015

For:
New York State D.E.C.
625 Broadway
12th Floor
Albany, NY 12233-7017
Attention: Mr. Benjamin W Rung



Approved for release.
Sarah E Brown
Project Management Assistant II
5/27/2015 8:49 AM

Designee for
Melissa Haas, Project Manager I
777 New Durham Road, Edison, NJ, 08817
(203)944-1310
melissa.haas@testamericainc.com
05/27/2015

cc: Ms. Nancy Garry
Jennifer R. Kotch
Jenny Mooney
Peter Takach

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LA000132

TestAmerica Laboratories, Inc.

TestAmerica Edison 777 New Durham Road, Edison, NJ 08817
Tel (732) 549-3900 Fax (732) 549-3679 www.testamericainc.com



Job Number: 460-94855-1

Job Description: DEC Claremont Polychemical- SiteNo130015

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

A handwritten signature in black ink, reading "Sarah E. Brown". The signature is written in a cursive style with a large, looping "S" and "B".

Approved for release.
Sarah E Brown
Project Management Assistant II
5/27/2015 8:49 AM

Designee for
Melissa Haas

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CASE NARRATIVE

Client: New York State D.E.C.

Project: DEC Claremont Polychemical- SiteNo130015

Report Number: 460-94855-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 5/14/2015 5:20 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 3.6° C and 3.9° C.

Except:

The following BNA sample was submitted for analysis; however, it was not listed on the Chain-of-Custody (COC): PW07B-CP-00-051415 (460-94855-10). The client was contacted and confirmed this sample should be analyzed for BNA.

The sample collection times used for the following samples were those listed in the Collection Time column of the COC: PD09-CP-00-051415 (460-94855-5), 460-94855-5 DU, 460-94855-5 MS, 460-94855-5 MSD, PD09-CP-01-051415 (460-94855-6). The sampler indicated in the Comment section of the COC that the hexavalent chromium samples were collected at 10:20; however, only one collection time per sample can be used. The client was notified.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANICS

Samples EX1-CP-00-051415 (460-94855-1), EX1-CP-01-051415 (460-94855-2), EX2-CP-00-051415 (460-94855-3), EX3-CP-00-051415 (460-94855-4), PD09-CP-00-051415 (460-94855-5), PW02-CP-00-051415 (460-94855-7), PW06-CP-00-051415 (460-94855-9), PW07B-CP-00-051415 (460-94855-10) and TB-CP-QC-051415 (460-94855-12) were analyzed for Volatile organics in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 05/22/2015 and 05/23/2015.

The continuing calibration verification (CCV) associated with batch 300464 recovered above the upper control limits for the following analytes: Vinyl chloride, Dichlorodifluoromethane, Chloromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Refer to the QC report for details.

No other difficulties were encountered during the Volatile organics analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples PD09-CP-00-051415 (460-94855-5), PD09-CP-01-051415 (460-94855-6), PW06-CP-00-051415 (460-94855-9) and PW07B-CP-00-051415 (460-94855-10) were analyzed for semivolatile organic compounds (GC/MS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 05/15/2015 and 05/20/2015 and analyzed on 05/25/2015 and 05/26/2015.

A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for five analytes to recover outside criteria for this method when a full list spike is utilized. The LCS associated with batch 298867 had four analytes (Indeno[1,2,3-cd]pyrene, Pyrene, Benzo[a]pyrene, Dibenz(a,h)anthracene) outside control limits and the LCSD had three analytes (Pyrene, Benzo[b]fluoranthene,

Benzo[a]pyrene) outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for batch 299749 recovered outside control limits for the following analytes: N-Nitrosodi-n-propylamine, 2,2'-oxybis[1-chloropropane]. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) associated with batch 299749 contained one acid/base surrogate (Terphenyl-d14) outside acceptance limits. The laboratory's SOP allows one acid and/or one base surrogate to be outside acceptance limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained one surrogate compound (Terphenyl-d14) outside limits: PW07B-CP-00-051415 (460-94855-10). These results have been reported and qualified.

The continuing calibration verification (CCV) analyzed in batch 299127 was outside the method criteria for the following analytes: 4-Nitrophenol, Indeno[1,2,3-cd]pyrene, Di-n-butyl phthalate, Dibenz(a,h)anthracene, Benzo[g,h,i]perylene, Hexachlorocyclopentadiene, Caprolactam, 4-Nitroaniline. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 300593 was outside the method criteria for the following analytes: 4-Nitrophenol, Bis(2-chloroethyl)ether, Pyrene, Hexachlorocyclopentadiene, Terphenyl-d14. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 299934 was outside the method criteria for the following analytes: 2,4-Dinitrotoluene, Dibenz(a,h)anthracene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 300751 was outside the method criteria for the following analytes: 2,4-Dinitrophenol, Pyrene, Terphenyl-d14, Bis(2-chloroethyl)ether. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

METALS

Samples EX1-CP-00-051415 (460-94855-1), EX1-CP-01-051415 (460-94855-2), EX2-CP-00-051415 (460-94855-3), EX3-CP-00-051415 (460-94855-4), PD09-CP-00-051415 (460-94855-5), PW02-CP-00-051415 (460-94855-7) and PW07B-CP-00-051415 (460-94855-10) were analyzed for Metals in accordance with EPA SW-846 6010C. The samples were prepared on 05/22/2015 and analyzed on 05/23/2015.

No difficulties were encountered during the Metals analysis.

All quality control parameters were within the acceptance limits.

HEXAVALENT CHROMIUM

Samples PD09-CP-00-051415 (460-94855-5) and PD09-CP-01-051415 (460-94855-6) were analyzed for hexavalent chromium in accordance with EPA SW-846 Method 7196A. The samples were analyzed on 05/15/2015.

No difficulties were encountered during the hexchrome Cr6 analysis.

All quality control parameters were within the acceptance limits.

TOTAL DISSOLVED SOLIDS

Samples PD09-CP-00-051415 (460-94855-5), PW02-CP-00-051415 (460-94855-7) and PW02-CP-01-051415 (460-94855-8) were analyzed for total dissolved solids in accordance with SM 2540C. The samples were analyzed on 05/15/2015.

No difficulties were encountered during the TDS analysis.

All quality control parameters were within the acceptance limits.

TOTAL SUSPENDED SOLIDS

Samples EX1-CP-00-051415 (460-94855-1), EX1-CP-01-051415 (460-94855-2), EX2-CP-00-051415 (460-94855-3), EX3-CP-00-051415 (460-94855-4), PW02-CP-00-051415 (460-94855-7) and PW07B-CP-00-051415 (460-94855-10) were analyzed for total suspended solids in accordance with SM 2540D. The samples were analyzed on 05/18/2015.

No difficulties were encountered during the TSS analysis.

All quality control parameters were within the acceptance limits.

ANIONS

Samples PD09-CP-00-051415 (460-94855-5) and PD09-CP-01-051415 (460-94855-6) were analyzed for anions in accordance with EPA Method 300_ORGFM_28D Anions by Ion Chromatograph. The samples were analyzed on 05/15/2015.

Chloride failed the recovery criteria high for the MS and MSD of sample 460-94855-5 in batch 460-298769.

Refer to the QC report for details.

Samples PD09-CP-00-051415 (460-94855-5)[50X] and PD09-CP-01-051415 (460-94855-6)[50X] required dilution prior to analysis to bring the concentration of target analytes within the calibration range. Elevated reporting limits (RLs) are provided.

No other difficulties were encountered during the anions analysis.

All other quality control parameters were within the acceptance limits.

TOTAL KJELDAHL NITROGEN

Samples PD09-CP-00-051415 (460-94855-5) and PD09-CP-01-051415 (460-94855-6) were analyzed for total kjeldahl nitrogen in accordance with EPA Method 351.2. The samples were prepared on 05/19/2015 and analyzed on 05/20/2015.

No difficulties were encountered during the TKN analysis.

All quality control parameters were within the acceptance limits.

TOTAL ORGANIC CARBON

Samples PW07B-CP-00-051415 (460-94855-10) and PW07B-CP-01-051415 (460-94855-11) were analyzed for Total Organic Carbon in accordance with EPA SW-846 Method 9060A. The samples were analyzed on 05/21/2015.

No difficulties were encountered during the TOC analysis.

All quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: New York State D.E.C.

Job Number: 460-94855-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-94855-1	EX1-CP-00-051415	Water	05/13/2015 0835	05/14/2015 1720
460-94855-1MS	EX1-CP-00-051415	Water	05/13/2015 0835	05/14/2015 1720
460-94855-1DU	EX1-CP-00-051415	Water	05/13/2015 0835	05/14/2015 1720
460-94855-2	EX1-CP-01-051415	Water	05/13/2015 0840	05/14/2015 1720
460-94855-3	EX2-CP-00-051415	Water	05/13/2015 1005	05/14/2015 1720
460-94855-4	EX3-CP-00-051415	Water	05/13/2015 1110	05/14/2015 1720
460-94855-5	PD09-CP-00-051415	Water	05/14/2015 0720	05/14/2015 1720
460-94855-5MS	PD09-CP-00-051415	Water	05/14/2015 0720	05/14/2015 1720
460-94855-5MSD	PD09-CP-00-051415	Water	05/14/2015 0720	05/14/2015 1720
460-94855-5DU	PD09-CP-00-051415	Water	05/14/2015 0720	05/14/2015 1720
460-94855-6	PD09-CP-01-051415	Water	05/14/2015 0725	05/14/2015 1720
460-94855-7	PW02-CP-00-051415	Water	05/14/2015 0645	05/14/2015 1720
460-94855-8	PW02-CP-01-051415	Water	05/14/2015 0650	05/14/2015 1720
460-94855-9	PW06-CP-00-051415	Water	05/14/2015 0655	05/14/2015 1720
460-94855-10	PW07B-CP-00-051415	Water	05/14/2015 0700	05/14/2015 1720
460-94855-10MS	PW07B-CP-00-051415	Water	05/14/2015 0700	05/14/2015 1720
460-94855-10MSD	PW07B-CP-00-051415	Water	05/14/2015 0700	05/14/2015 1720
460-94855-11	PW07B-CP-01-051415	Water	05/14/2015 0705	05/14/2015 1720
460-94855-12TB	TB-CP-QC-051415	Water	05/14/2015 0755	05/14/2015 1720

EXECUTIVE SUMMARY - Detections

Client: New York State D.E.C.

Job Number: 460-94855-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-94855-1	EX1-CP-00-051415					
1,1-Dichloroethene		0.43	J	1.0	ug/L	8260C
cis-1,2-Dichloroethene		2.6		1.0	ug/L	8260C
1,1,1-Trichloroethane		0.29	J	1.0	ug/L	8260C
Trichloroethene		6.0		1.0	ug/L	8260C
Tetrachloroethene		4.5		1.0	ug/L	8260C
Methyl tert-butyl ether		0.30	J	1.0	ug/L	8260C
Barium		89.3	J	200	ug/L	6010C
Iron		1630		150	ug/L	6010C
Manganese		423		15.0	ug/L	6010C
Total Suspended Solids		2.3		1.1	mg/L	SM 2540D
460-94855-2	EX1-CP-01-051415					
1,1-Dichloroethene		0.43	J	1.0	ug/L	8260C
cis-1,2-Dichloroethene		2.6		1.0	ug/L	8260C
Trichloroethene		5.8		1.0	ug/L	8260C
Tetrachloroethene		4.7		1.0	ug/L	8260C
Methyl tert-butyl ether		0.29	J	1.0	ug/L	8260C
Barium		90.1	J	200	ug/L	6010C
Iron		1410		150	ug/L	6010C
Manganese		427		15.0	ug/L	6010C
Total Suspended Solids		2.2		1.0	mg/L	SM 2540D
460-94855-3	EX2-CP-00-051415					
cis-1,2-Dichloroethene		0.59	J	1.0	ug/L	8260C
Trichloroethene		1.4		1.0	ug/L	8260C
Tetrachloroethene		0.53	J	1.0	ug/L	8260C
Methyl tert-butyl ether		0.23	J	1.0	ug/L	8260C
Barium		66.9	J	200	ug/L	6010C
Iron		366		150	ug/L	6010C
Manganese		140		15.0	ug/L	6010C
Selenium		7.1	J	20.0	ug/L	6010C

EXECUTIVE SUMMARY - Detections

Client: New York State D.E.C.

Job Number: 460-94855-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-94855-4	EX3-CP-00-051415					
1,1-Dichloroethene		1.2		1.0	ug/L	8260C
1,1-Dichloroethane		0.28	J	1.0	ug/L	8260C
cis-1,2-Dichloroethene		2.8		1.0	ug/L	8260C
Trichloroethene		43		1.0	ug/L	8260C
Tetrachloroethene		4.6		1.0	ug/L	8260C
Methyl tert-butyl ether		0.46	J	1.0	ug/L	8260C
Barium		89.6	J	200	ug/L	6010C
Iron		1460		150	ug/L	6010C
Manganese		218		15.0	ug/L	6010C
Lead		15.5		10.0	ug/L	6010C
Total Suspended Solids		11.2		1.1	mg/L	SM 2540D
460-94855-5	PD09-CP-00-051415					
Barium		84.3	J	200	ug/L	6010C
Manganese		151		15.0	ug/L	6010C
Nitrogen, Kjeldahl		0.21		0.20	mg/L	351.2
Total Dissolved Solids		373		10.0	mg/L	SM 2540C
Chloride		125		6.00	mg/L	300.0
Sulfate		29.8		0.60	mg/L	300.0
460-94855-6	PD09-CP-01-051415					
Nitrogen, Kjeldahl		0.28		0.20	mg/L	351.2
Chloride		127		6.00	mg/L	300.0
Sulfate		29.8		0.60	mg/L	300.0
460-94855-7	PW02-CP-00-051415					
1,1-Dichloroethene		0.95	J	1.0	ug/L	8260C
cis-1,2-Dichloroethene		2.6		1.0	ug/L	8260C
1,1,1-Trichloroethane		0.63	J	1.0	ug/L	8260C
Trichloroethene		32		1.0	ug/L	8260C
Tetrachloroethene		5.0		1.0	ug/L	8260C
Methyl tert-butyl ether		0.38	J	1.0	ug/L	8260C
Barium		86.4	J	200	ug/L	6010C
Iron		293		150	ug/L	6010C
Manganese		263		15.0	ug/L	6010C
Total Dissolved Solids		307		10.0	mg/L	SM 2540C
460-94855-8	PW02-CP-01-051415					
Total Dissolved Solids		354		10.0	mg/L	SM 2540C

EXECUTIVE SUMMARY - Detections

Client: New York State D.E.C.

Job Number: 460-94855-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-94855-9	PW06-CP-00-051415					
1,1-Dichloroethene		0.66	J	1.0	ug/L	8260C
cis-1,2-Dichloroethene		2.2		1.0	ug/L	8260C
1,1,1-Trichloroethane		0.41	J	1.0	ug/L	8260C
Trichloroethene		23		1.0	ug/L	8260C
Tetrachloroethene		3.1		1.0	ug/L	8260C
Methyl tert-butyl ether		0.37	J	1.0	ug/L	8260C
460-94855-10	PW07B-CP-00-051415					
Barium		83.5	J	200	ug/L	6010C
Manganese		155		15.0	ug/L	6010C
Total Organic Carbon		0.93	J	1.0	mg/L	9060A
460-94855-11	PW07B-CP-01-051415					
Total Organic Carbon		0.96	J	1.0	mg/L	9060A
460-94855-12TB	TB-CP-QC-051415					
Chloroform		1.1		1.0	ug/L	8260C
Bromodichloromethane		1.7		1.0	ug/L	8260C
Trichloroethene		0.66	J	1.0	ug/L	8260C
Dibromochloromethane		3.1		1.0	ug/L	8260C
Bromoform		2.6		1.0	ug/L	8260C
Tetrachloroethene		0.16	J	1.0	ug/L	8260C

METHOD SUMMARY

Client: New York State D.E.C.

Job Number: 460-94855-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	TAL EDI	SW846 8260C	
Purge and Trap	TAL EDI		SW846 5030C
Semivolatile Organic Compounds (GC/MS)	TAL EDI	SW846 8270D	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Anions, Ion Chromatography	TAL EDI	MCAWW 300.0	
Metals (ICP)	TAL EDI	SW846 6010C	
Preparation, Total Metals	TAL EDI		SW846 3010A
Chromium, Hexavalent	TAL EDI	SW846 7196A	
Organic Carbon, Total (TOC)	TAL EDI	SW846 9060A	
Solids, Total Dissolved (TDS)	TAL EDI	SM SM 2540C	
Solids, Total Suspended (TSS)	TAL EDI	SM SM 2540D	
Nitrogen, Total Kjeldahl	TAL SAV	MCAWW 351.2	
Digestion, Hot Block	TAL SAV		MCAWW Digestion

Lab References:

TAL EDI = TestAmerica Edison

TAL SAV = TestAmerica Savannah

Method References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: New York State D.E.C.

Job Number: 460-94855-1

Method	Analyst	Analyst ID
SW846 8260C	Starzec, Margaret	MZS
SW846 8270D	Zhao, Chunxin	CAZ
SW846 6010C	Chang, Churn Der	CDC
MCAWW 351.2	Ross, Jon E	JER
SW846 7196A	Pierre, Philippe X	PXP
SW846 9060A	Vu, Huan	HTV
SM SM 2540C	Staib, Patricia L	PLS
SM SM 2540D	Staib, Patricia L	PLS
MCAWW 300.0	Boykin, Carol B	CBB

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

Client Sample ID: EX1-CP-00-051415

Lab Sample ID: 460-94855-1

Date Sampled: 05/13/2015 0835

Client Matrix: Water

Date Received: 05/14/2015 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 460-300464

Instrument ID: CVOAMS3

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: C08863.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 05/22/2015 2348

Final Weight/Volume: 5 mL

Prep Date: 05/22/2015 2348

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	5.0	U	1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	0.43	J	0.34	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,2-Dichloroethene	2.6		0.26	1.0
Chloroform	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
2-Butanone	5.0	U	2.2	5.0
1,1,1-Trichloroethane	0.29	J	0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.0	U	0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	6.0		0.22	1.0
Dibromochloromethane	1.0	U	0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	1.0	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	4.5		0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
Methyl tert-butyl ether	0.30	J	0.13	1.0
Cyclohexane	1.0	U	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,4-Dioxane	50	U	8.7	50

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

Client Sample ID: EX1-CP-00-051415

Lab Sample ID: 460-94855-1

Client Matrix: Water

Date Sampled: 05/13/2015 0835

Date Received: 05/14/2015 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-300464	Instrument ID:	CVOAMS3
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	C08863.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/22/2015 2348			Final Weight/Volume:	5 mL
Prep Date:	05/22/2015 2348				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 130
Toluene-d8 (Surr)	111		70 - 130
4-Bromofluorobenzene	106		64 - 135
Dibromofluoromethane (Surr)	103		72 - 137

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

Client Sample ID: EX1-CP-01-051415

Lab Sample ID: 460-94855-2

Date Sampled: 05/13/2015 0840

Client Matrix: Water

Date Received: 05/14/2015 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 460-300464

Instrument ID: CVOAMS3

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: C08864.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 05/23/2015 0013

Final Weight/Volume: 5 mL

Prep Date: 05/23/2015 0013

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	5.0	U	1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	0.43	J	0.34	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,2-Dichloroethene	2.6		0.26	1.0
Chloroform	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
2-Butanone	5.0	U	2.2	5.0
1,1,1-Trichloroethane	1.0	U	0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.0	U	0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	5.8		0.22	1.0
Dibromochloromethane	1.0	U	0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	1.0	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	4.7		0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
Methyl tert-butyl ether	0.29	J	0.13	1.0
Cyclohexane	1.0	U	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,4-Dioxane	50	U	8.7	50

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

Client Sample ID: EX1-CP-01-051415

Lab Sample ID: 460-94855-2

Client Matrix: Water

Date Sampled: 05/13/2015 0840

Date Received: 05/14/2015 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-300464	Instrument ID:	CVOAMS3
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	C08864.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/23/2015 0013			Final Weight/Volume:	5 mL
Prep Date:	05/23/2015 0013				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 130
Toluene-d8 (Surr)	112		70 - 130
4-Bromofluorobenzene	110		64 - 135
Dibromofluoromethane (Surr)	103		72 - 137

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

Client Sample ID: EX2-CP-00-051415

Lab Sample ID: 460-94855-3

Date Sampled: 05/13/2015 1005

Client Matrix: Water

Date Received: 05/14/2015 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 460-300464

Instrument ID: CVOAMS3

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: C08865.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 05/23/2015 0039

Final Weight/Volume: 5 mL

Prep Date: 05/23/2015 0039

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	5.0	U	1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,2-Dichloroethene	0.59	J	0.26	1.0
Chloroform	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
2-Butanone	5.0	U	2.2	5.0
1,1,1-Trichloroethane	1.0	U	0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.0	U	0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	1.4		0.22	1.0
Dibromochloromethane	1.0	U	0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	1.0	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	0.53	J	0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
Methyl tert-butyl ether	0.23	J	0.13	1.0
Cyclohexane	1.0	U	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,4-Dioxane	50	U	8.7	50

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

Client Sample ID: EX2-CP-00-051415

Lab Sample ID: 460-94855-3

Client Matrix: Water

Date Sampled: 05/13/2015 1005

Date Received: 05/14/2015 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-300464	Instrument ID:	CVOAMS3
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	C08865.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/23/2015 0039			Final Weight/Volume:	5 mL
Prep Date:	05/23/2015 0039				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 130
Toluene-d8 (Surr)	110		70 - 130
4-Bromofluorobenzene	110		64 - 135
Dibromofluoromethane (Surr)	103		72 - 137

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

Client Sample ID: EX3-CP-00-051415

Lab Sample ID: 460-94855-4

Date Sampled: 05/13/2015 1110

Client Matrix: Water

Date Received: 05/14/2015 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 460-300464

Instrument ID: CVOAMS3

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: C08866.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 05/23/2015 0104

Final Weight/Volume: 5 mL

Prep Date: 05/23/2015 0104

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	5.0	U	1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.2		0.34	1.0
1,1-Dichloroethane	0.28	J	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,2-Dichloroethene	2.8		0.26	1.0
Chloroform	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
2-Butanone	5.0	U	2.2	5.0
1,1,1-Trichloroethane	1.0	U	0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.0	U	0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	43		0.22	1.0
Dibromochloromethane	1.0	U	0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	1.0	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	4.6		0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
Methyl tert-butyl ether	0.46	J	0.13	1.0
Cyclohexane	1.0	U	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,4-Dioxane	50	U	8.7	50

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

Client Sample ID: EX3-CP-00-051415

Lab Sample ID: 460-94855-4

Client Matrix: Water

Date Sampled: 05/13/2015 1110

Date Received: 05/14/2015 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-300464	Instrument ID:	CVOAMS3
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	C08866.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/23/2015 0104			Final Weight/Volume:	5 mL
Prep Date:	05/23/2015 0104				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 130
Toluene-d8 (Surr)	110		70 - 130
4-Bromofluorobenzene	107		64 - 135
Dibromofluoromethane (Surr)	102		72 - 137

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

Client Sample ID: PD09-CP-00-051415

Lab Sample ID: 460-94855-5

Client Matrix: Water

Date Sampled: 05/14/2015 0720

Date Received: 05/14/2015 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 460-300464

Instrument ID: CVOAMS3

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: C08867.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 05/23/2015 0129

Final Weight/Volume: 5 mL

Prep Date: 05/23/2015 0129

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	5.0	U	1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
Chloroform	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
2-Butanone	5.0	U	2.2	5.0
1,1,1-Trichloroethane	1.0	U	0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.0	U	0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	1.0	U	0.22	1.0
Dibromochloromethane	1.0	U	0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	1.0	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	1.0	U	0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Cyclohexane	1.0	U	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,4-Dioxane	50	U	8.7	50

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

Client Sample ID: PD09-CP-00-051415

Lab Sample ID: 460-94855-5

Client Matrix: Water

Date Sampled: 05/14/2015 0720

Date Received: 05/14/2015 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-300464	Instrument ID:	CVOAMS3
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	C08867.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/23/2015 0129			Final Weight/Volume:	5 mL
Prep Date:	05/23/2015 0129				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 130
Toluene-d8 (Surr)	110		70 - 130
4-Bromofluorobenzene	110		64 - 135
Dibromofluoromethane (Surr)	104		72 - 137

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

Client Sample ID: PW02-CP-00-051415

Lab Sample ID: 460-94855-7

Date Sampled: 05/14/2015 0645

Client Matrix: Water

Date Received: 05/14/2015 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 460-300464

Instrument ID: CVOAMS3

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: C08868.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 05/23/2015 0154

Final Weight/Volume: 5 mL

Prep Date: 05/23/2015 0154

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	5.0	U	1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	0.95	J	0.34	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,2-Dichloroethene	2.6		0.26	1.0
Chloroform	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
2-Butanone	5.0	U	2.2	5.0
1,1,1-Trichloroethane	0.63	J	0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.0	U	0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	32		0.22	1.0
Dibromochloromethane	1.0	U	0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	1.0	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	5.0		0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
Methyl tert-butyl ether	0.38	J	0.13	1.0
Cyclohexane	1.0	U	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,4-Dioxane	50	U	8.7	50

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

Client Sample ID: PW02-CP-00-051415

Lab Sample ID: 460-94855-7

Client Matrix: Water

Date Sampled: 05/14/2015 0645

Date Received: 05/14/2015 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-300464	Instrument ID:	CVOAMS3
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	C08868.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/23/2015 0154			Final Weight/Volume:	5 mL
Prep Date:	05/23/2015 0154				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 130
Toluene-d8 (Surr)	110		70 - 130
4-Bromofluorobenzene	110		64 - 135
Dibromofluoromethane (Surr)	103		72 - 137

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

Client Sample ID: PW06-CP-00-051415

Lab Sample ID: 460-94855-9

Date Sampled: 05/14/2015 0655

Client Matrix: Water

Date Received: 05/14/2015 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 460-300464

Instrument ID: CVOAMS3

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: C08869.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 05/23/2015 0220

Final Weight/Volume: 5 mL

Prep Date: 05/23/2015 0220

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	5.0	U	1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	0.66	J	0.34	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,2-Dichloroethene	2.2		0.26	1.0
Chloroform	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
2-Butanone	5.0	U	2.2	5.0
1,1,1-Trichloroethane	0.41	J	0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.0	U	0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	23		0.22	1.0
Dibromochloromethane	1.0	U	0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	1.0	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	3.1		0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
Methyl tert-butyl ether	0.37	J	0.13	1.0
Cyclohexane	1.0	U	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,4-Dioxane	50	U	8.7	50

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

Client Sample ID: PW06-CP-00-051415

Lab Sample ID: 460-94855-9

Client Matrix: Water

Date Sampled: 05/14/2015 0655

Date Received: 05/14/2015 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-300464	Instrument ID:	CVOAMS3
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	C08869.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/23/2015 0220			Final Weight/Volume:	5 mL
Prep Date:	05/23/2015 0220				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 130
Toluene-d8 (Surr)	108		70 - 130
4-Bromofluorobenzene	111		64 - 135
Dibromofluoromethane (Surr)	103		72 - 137

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

Client Sample ID: PW07B-CP-00-051415

Lab Sample ID: 460-94855-10

Date Sampled: 05/14/2015 0700

Client Matrix: Water

Date Received: 05/14/2015 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 460-300464

Instrument ID: CVOAMS3

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: C08870.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 05/23/2015 0245

Final Weight/Volume: 5 mL

Prep Date: 05/23/2015 0245

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	5.0	U	1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
Chloroform	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
2-Butanone	5.0	U	2.2	5.0
1,1,1-Trichloroethane	1.0	U	0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.0	U	0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	1.0	U	0.22	1.0
Dibromochloromethane	1.0	U	0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	1.0	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	1.0	U	0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Cyclohexane	1.0	U	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,4-Dioxane	50	U	8.7	50

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

Client Sample ID: PW07B-CP-00-051415

Lab Sample ID: 460-94855-10

Date Sampled: 05/14/2015 0700

Client Matrix: Water

Date Received: 05/14/2015 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-300464	Instrument ID:	CVOAMS3
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	C08870.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/23/2015 0245			Final Weight/Volume:	5 mL
Prep Date:	05/23/2015 0245				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 130
Toluene-d8 (Surr)	111		70 - 130
4-Bromofluorobenzene	109		64 - 135
Dibromofluoromethane (Surr)	102		72 - 137

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

Client Sample ID: TB-CP-QC-051415

Lab Sample ID: 460-94855-12TB

Date Sampled: 05/14/2015 0755

Client Matrix: Water

Date Received: 05/14/2015 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 460-300464

Instrument ID: CVOAMS3

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: C08862.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 05/22/2015 2323

Final Weight/Volume: 5 mL

Prep Date: 05/22/2015 2323

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	5.0	U	1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
Chloroform	1.1		0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
2-Butanone	5.0	U	2.2	5.0
1,1,1-Trichloroethane	1.0	U	0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.7		0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	0.66	J	0.22	1.0
Dibromochloromethane	3.1		0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	2.6		0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	0.16	J	0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Cyclohexane	1.0	U	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,4-Dioxane	50	U	8.7	50

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

Client Sample ID: TB-CP-QC-051415

Lab Sample ID: 460-94855-12TB

Client Matrix: Water

Date Sampled: 05/14/2015 0755

Date Received: 05/14/2015 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-300464	Instrument ID:	CVOAMS3
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	C08862.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/22/2015 2323			Final Weight/Volume:	5 mL
Prep Date:	05/22/2015 2323				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 130
Toluene-d8 (Surr)	111		70 - 130
4-Bromofluorobenzene	108		64 - 135
Dibromofluoromethane (Surr)	103		72 - 137

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

Client Sample ID: PD09-CP-00-051415

Lab Sample ID: 460-94855-5

Date Sampled: 05/14/2015 0720

Client Matrix: Water

Date Received: 05/14/2015 1720

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method: 8270D

Analysis Batch: 460-300699

Instrument ID: CBNAMS6

Prep Method: 3510C

Prep Batch: 460-298867

Lab File ID: M93151.D

Dilution: 1.0

Initial Weight/Volume: 250 mL

Analysis Date: 05/25/2015 0456

Final Weight/Volume: 2 mL

Prep Date: 05/15/2015 1118

Injection Volume: 5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	10	U	0.60	10
2-Chlorophenol	10	U	0.93	10
2-Methylphenol	10	U	1.4	10
4-Methylphenol	10	U	1.0	10
2-Nitrophenol	10	U	0.68	10
2,4-Dimethylphenol	10	U	1.2	10
2,4-Dichlorophenol	10	U	1.1	10
4-Chloro-3-methylphenol	10	U	1.1	10
2,4,6-Trichlorophenol	10	U	1.4	10
2,4,5-Trichlorophenol	10	U	2.2	10
2,4-Dinitrophenol	20	U	2.0	20
4-Nitrophenol	20	U	2.0	20
4,6-Dinitro-2-methylphenol	20	U	3.0	20
Pentachlorophenol	20	U	2.7	20
Bis(2-chloroethyl)ether	1.0	U	0.30	1.0
N-Nitrosodi-n-propylamine	1.0	U	0.27	1.0
Hexachloroethane	1.0	U	0.15	1.0
Nitrobenzene	1.0	U	0.34	1.0
Isophorone	10	U	1.3	10
Bis(2-chloroethoxy)methane	10	U	1.0	10
Naphthalene	10	U	2.0	10
4-Chloroaniline	10	U	0.32	10
Hexachlorobutadiene	1.0	U	0.68	1.0
2-Methylnaphthalene	10	U	1.5	10
Hexachlorocyclopentadiene	10	U	1.5	10
2-Chloronaphthalene	10	U	1.3	10
2-Nitroaniline	10	U	2.0	10
Dimethyl phthalate	10	U	1.1	10
Acenaphthylene	10	U	1.8	10
2,6-Dinitrotoluene	2.0	U	0.27	2.0
3-Nitroaniline	10	U	2.9	10
Acenaphthene	10	U	1.1	10
Dibenzofuran	10	U	1.5	10
2,4-Dinitrotoluene	2.0	U	0.28	2.0
Diethyl phthalate	10	U	1.4	10
4-Chlorophenyl phenyl ether	10	U	1.5	10
Fluorene	10	U	1.7	10
4-Nitroaniline	10	U	2.9	10
N-Nitrosodiphenylamine	10	U	1.0	10
4-Bromophenyl phenyl ether	10	U	1.1	10
Hexachlorobenzene	1.0	U	0.20	1.0
Phenanthrene	10	U	1.2	10
Anthracene	10	U	0.85	10
Carbazole	10	U	1.2	10
Di-n-butyl phthalate	10	U	1.0	10
Fluoranthene	10	U	1.1	10

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

Client Sample ID: PD09-CP-00-051415

Lab Sample ID: 460-94855-5

Client Matrix: Water

Date Sampled: 05/14/2015 0720

Date Received: 05/14/2015 1720

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-300699	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-298867	Lab File ID:	M93151.D
Dilution:	1.0			Initial Weight/Volume:	250 mL
Analysis Date:	05/25/2015 0456			Final Weight/Volume:	2 mL
Prep Date:	05/15/2015 1118			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	10	U *	1.1	10
Butyl benzyl phthalate	10	U	1.4	10
3,3'-Dichlorobenzidine	10	U	3.2	10
Benzo[a]anthracene	1.0	U	0.18	1.0
Chrysene	2.0	U	1.4	2.0
Bis(2-ethylhexyl) phthalate	2.0	U	0.81	2.0
Di-n-octyl phthalate	10	U	0.88	10
Benzo[b]fluoranthene	1.0	U *	0.21	1.0
Benzo[k]fluoranthene	1.0	U	0.14	1.0
Benzo[a]pyrene	1.0	U *	0.14	1.0
Indeno[1,2,3-cd]pyrene	1.0	U *	0.11	1.0
Dibenz(a,h)anthracene	1.0	U *	0.16	1.0
Benzo[g,h,i]perylene	10	U	0.93	10
1,1'-Biphenyl	10	U	1.8	10
Acetophenone	10	U	0.89	10
Benzaldehyde	10	U	2.1	10
Caprolactam	10	U	0.91	10
Atrazine	2.0	U	1.0	2.0
2,2'-oxybis[1-chloropropane]	10	U	1.3	10
1,2,4,5-Tetrachlorobenzene	10	U	1.8	10
2,3,4,6-Tetrachlorophenol	10	U	0.89	10
Surrogate	%Rec	Qualifier	Acceptance Limits	
Nitrobenzene-d5	83		60 - 114	
Phenol-d5	28		4 - 86	
Terphenyl-d14	99		72 - 130	
2,4,6-Tribromophenol	93		51 - 126	
2-Fluorophenol	43		15 - 96	
2-Fluorobiphenyl	91		50 - 120	

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

Client Sample ID: PD09-CP-01-051415

Lab Sample ID: 460-94855-6

Date Sampled: 05/14/2015 0725

Client Matrix: Water

Date Received: 05/14/2015 1720

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method: 8270D

Analysis Batch: 460-300699

Instrument ID: CBNAMS6

Prep Method: 3510C

Prep Batch: 460-298867

Lab File ID: M93152.D

Dilution: 1.0

Initial Weight/Volume: 240 mL

Analysis Date: 05/25/2015 0518

Final Weight/Volume: 2 mL

Prep Date: 05/15/2015 1118

Injection Volume: 5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	10	U	0.63	10
2-Chlorophenol	10	U	0.97	10
2-Methylphenol	10	U	1.5	10
4-Methylphenol	10	U	1.0	10
2-Nitrophenol	10	U	0.71	10
2,4-Dimethylphenol	10	U	1.3	10
2,4-Dichlorophenol	10	U	1.1	10
4-Chloro-3-methylphenol	10	U	1.1	10
2,4,6-Trichlorophenol	10	U	1.5	10
2,4,5-Trichlorophenol	10	U	2.3	10
2,4-Dinitrophenol	21	U	2.1	21
4-Nitrophenol	21	U	2.1	21
4,6-Dinitro-2-methylphenol	21	U	3.1	21
Pentachlorophenol	21	U	2.8	21
Bis(2-chloroethyl)ether	1.0	U	0.31	1.0
N-Nitrosodi-n-propylamine	1.0	U	0.28	1.0
Hexachloroethane	1.0	U	0.16	1.0
Nitrobenzene	1.0	U	0.35	1.0
Isophorone	10	U	1.4	10
Bis(2-chloroethoxy)methane	10	U	1.0	10
Naphthalene	10	U	2.1	10
4-Chloroaniline	10	U	0.33	10
Hexachlorobutadiene	1.0	U	0.71	1.0
2-Methylnaphthalene	10	U	1.6	10
Hexachlorocyclopentadiene	10	U	1.6	10
2-Chloronaphthalene	10	U	1.4	10
2-Nitroaniline	10	U	2.1	10
Dimethyl phthalate	10	U	1.1	10
Acenaphthylene	10	U	1.9	10
2,6-Dinitrotoluene	2.1	U	0.28	2.1
3-Nitroaniline	10	U	3.0	10
Acenaphthene	10	U	1.1	10
Dibenzofuran	10	U	1.6	10
2,4-Dinitrotoluene	2.1	U	0.29	2.1
Diethyl phthalate	10	U	1.5	10
4-Chlorophenyl phenyl ether	10	U	1.6	10
Fluorene	10	U	1.8	10
4-Nitroaniline	10	U	3.0	10
N-Nitrosodiphenylamine	10	U	1.0	10
4-Bromophenyl phenyl ether	10	U	1.1	10
Hexachlorobenzene	1.0	U	0.21	1.0
Phenanthrene	10	U	1.3	10
Anthracene	10	U	0.89	10
Carbazole	10	U	1.3	10
Di-n-butyl phthalate	10	U	1.0	10
Fluoranthene	10	U	1.1	10

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

Client Sample ID: PD09-CP-01-051415

Lab Sample ID: 460-94855-6

Client Matrix: Water

Date Sampled: 05/14/2015 0725

Date Received: 05/14/2015 1720

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-300699	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-298867	Lab File ID:	M93152.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	05/25/2015 0518			Final Weight/Volume:	2 mL
Prep Date:	05/15/2015 1118			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	10	U *	1.1	10
Butyl benzyl phthalate	10	U	1.5	10
3,3'-Dichlorobenzidine	10	U	3.3	10
Benzo[a]anthracene	1.0	U	0.19	1.0
Chrysene	2.1	U	1.5	2.1
Bis(2-ethylhexyl) phthalate	2.1	U	0.84	2.1
Di-n-octyl phthalate	10	U	0.92	10
Benzo[b]fluoranthene	1.0	U *	0.22	1.0
Benzo[k]fluoranthene	1.0	U	0.15	1.0
Benzo[a]pyrene	1.0	U *	0.15	1.0
Indeno[1,2,3-cd]pyrene	1.0	U *	0.11	1.0
Dibenz(a,h)anthracene	1.0	U *	0.17	1.0
Benzo[g,h,i]perylene	10	U	0.97	10
1,1'-Biphenyl	10	U	1.9	10
Acetophenone	10	U	0.93	10
Benzaldehyde	10	U	2.2	10
Caprolactam	10	U	0.95	10
Atrazine	2.1	U	1.0	2.1
2,2'-oxybis[1-chloropropane]	10	U	1.4	10
1,2,4,5-Tetrachlorobenzene	10	U	1.9	10
2,3,4,6-Tetrachlorophenol	10	U	0.93	10

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	78		60 - 114
Phenol-d5	28		4 - 86
Terphenyl-d14	99		72 - 130
2,4,6-Tribromophenol	92		51 - 126
2-Fluorophenol	40		15 - 96
2-Fluorobiphenyl	85		50 - 120

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

Client Sample ID: PW06-CP-00-051415

Lab Sample ID: 460-94855-9

Date Sampled: 05/14/2015 0655

Client Matrix: Water

Date Received: 05/14/2015 1720

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method: 8270D

Analysis Batch: 460-300699

Instrument ID: CBNAMS6

Prep Method: 3510C

Prep Batch: 460-298867

Lab File ID: M93153.D

Dilution: 1.0

Initial Weight/Volume: 250 mL

Analysis Date: 05/25/2015 0540

Final Weight/Volume: 2 mL

Prep Date: 05/15/2015 1118

Injection Volume: 5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	10	U	0.60	10
2-Chlorophenol	10	U	0.93	10
2-Methylphenol	10	U	1.4	10
4-Methylphenol	10	U	1.0	10
2-Nitrophenol	10	U	0.68	10
2,4-Dimethylphenol	10	U	1.2	10
2,4-Dichlorophenol	10	U	1.1	10
4-Chloro-3-methylphenol	10	U	1.1	10
2,4,6-Trichlorophenol	10	U	1.4	10
2,4,5-Trichlorophenol	10	U	2.2	10
2,4-Dinitrophenol	20	U	2.0	20
4-Nitrophenol	20	U	2.0	20
4,6-Dinitro-2-methylphenol	20	U	3.0	20
Pentachlorophenol	20	U	2.7	20
Bis(2-chloroethyl)ether	1.0	U	0.30	1.0
N-Nitrosodi-n-propylamine	1.0	U	0.27	1.0
Hexachloroethane	1.0	U	0.15	1.0
Nitrobenzene	1.0	U	0.34	1.0
Isophorone	10	U	1.3	10
Bis(2-chloroethoxy)methane	10	U	1.0	10
Naphthalene	10	U	2.0	10
4-Chloroaniline	10	U	0.32	10
Hexachlorobutadiene	1.0	U	0.68	1.0
2-Methylnaphthalene	10	U	1.5	10
Hexachlorocyclopentadiene	10	U	1.5	10
2-Chloronaphthalene	10	U	1.3	10
2-Nitroaniline	10	U	2.0	10
Dimethyl phthalate	10	U	1.1	10
Acenaphthylene	10	U	1.8	10
2,6-Dinitrotoluene	2.0	U	0.27	2.0
3-Nitroaniline	10	U	2.9	10
Acenaphthene	10	U	1.1	10
Dibenzofuran	10	U	1.5	10
2,4-Dinitrotoluene	2.0	U	0.28	2.0
Diethyl phthalate	10	U	1.4	10
4-Chlorophenyl phenyl ether	10	U	1.5	10
Fluorene	10	U	1.7	10
4-Nitroaniline	10	U	2.9	10
N-Nitrosodiphenylamine	10	U	1.0	10
4-Bromophenyl phenyl ether	10	U	1.1	10
Hexachlorobenzene	1.0	U	0.20	1.0
Phenanthrene	10	U	1.2	10
Anthracene	10	U	0.85	10
Carbazole	10	U	1.2	10
Di-n-butyl phthalate	10	U	1.0	10
Fluoranthene	10	U	1.1	10

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

Client Sample ID: PW06-CP-00-051415

Lab Sample ID: 460-94855-9

Date Sampled: 05/14/2015 0655

Client Matrix: Water

Date Received: 05/14/2015 1720

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-300699	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-298867	Lab File ID:	M93153.D
Dilution:	1.0			Initial Weight/Volume:	250 mL
Analysis Date:	05/25/2015 0540			Final Weight/Volume:	2 mL
Prep Date:	05/15/2015 1118			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	10	U *	1.1	10
Butyl benzyl phthalate	10	U	1.4	10
3,3'-Dichlorobenzidine	10	U	3.2	10
Benzo[a]anthracene	1.0	U	0.18	1.0
Chrysene	2.0	U	1.4	2.0
Bis(2-ethylhexyl) phthalate	2.0	U	0.81	2.0
Di-n-octyl phthalate	10	U	0.88	10
Benzo[b]fluoranthene	1.0	U *	0.21	1.0
Benzo[k]fluoranthene	1.0	U	0.14	1.0
Benzo[a]pyrene	1.0	U *	0.14	1.0
Indeno[1,2,3-cd]pyrene	1.0	U *	0.11	1.0
Dibenz(a,h)anthracene	1.0	U *	0.16	1.0
Benzo[g,h,i]perylene	10	U	0.93	10
1,1'-Biphenyl	10	U	1.8	10
Acetophenone	10	U	0.89	10
Benzaldehyde	10	U	2.1	10
Caprolactam	10	U	0.91	10
Atrazine	2.0	U	1.0	2.0
2,2'-oxybis[1-chloropropane]	10	U	1.3	10
1,2,4,5-Tetrachlorobenzene	10	U	1.8	10
2,3,4,6-Tetrachlorophenol	10	U	0.89	10
Surrogate	%Rec	Qualifier	Acceptance Limits	
Nitrobenzene-d5	77		60 - 114	
Phenol-d5	27		4 - 86	
Terphenyl-d14	97		72 - 130	
2,4,6-Tribromophenol	92		51 - 126	
2-Fluorophenol	41		15 - 96	
2-Fluorobiphenyl	84		50 - 120	

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

Client Sample ID: PW07B-CP-00-051415

Lab Sample ID: 460-94855-10

Date Sampled: 05/14/2015 0700

Client Matrix: Water

Date Received: 05/14/2015 1720

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method: 8270D

Analysis Batch: 460-300751

Instrument ID: CBNAMS13

Prep Method: 3510C

Prep Batch: 460-299749

Lab File ID: C16512.D

Dilution: 1.0

Initial Weight/Volume: 250 mL

Analysis Date: 05/26/2015 1034

Final Weight/Volume: 2 mL

Prep Date: 05/20/2015 1124

Injection Volume: 5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	10	U	0.60	10
2-Chlorophenol	10	U	0.93	10
2-Methylphenol	10	U	1.4	10
4-Methylphenol	10	U	1.0	10
2-Nitrophenol	10	U	0.68	10
2,4-Dimethylphenol	10	U	1.2	10
2,4-Dichlorophenol	10	U	1.1	10
4-Chloro-3-methylphenol	10	U	1.1	10
2,4,6-Trichlorophenol	10	U	1.4	10
2,4,5-Trichlorophenol	10	U	2.2	10
2,4-Dinitrophenol	20	U	2.0	20
4-Nitrophenol	20	U	2.0	20
4,6-Dinitro-2-methylphenol	20	U	3.0	20
Pentachlorophenol	20	U	2.7	20
Bis(2-chloroethyl)ether	1.0	U	0.30	1.0
N-Nitrosodi-n-propylamine	1.0	U *	0.27	1.0
Hexachloroethane	1.0	U	0.15	1.0
Nitrobenzene	1.0	U	0.34	1.0
Isophorone	10	U	1.3	10
Bis(2-chloroethoxy)methane	10	U	1.0	10
Naphthalene	10	U	2.0	10
4-Chloroaniline	10	U	0.32	10
Hexachlorobutadiene	1.0	U	0.68	1.0
2-Methylnaphthalene	10	U	1.5	10
Hexachlorocyclopentadiene	10	U	1.5	10
2-Chloronaphthalene	10	U	1.3	10
2-Nitroaniline	10	U	2.0	10
Dimethyl phthalate	10	U	1.1	10
Acenaphthylene	10	U	1.8	10
2,6-Dinitrotoluene	2.0	U	0.27	2.0
3-Nitroaniline	10	U	2.9	10
Acenaphthene	10	U	1.1	10
Dibenzofuran	10	U	1.5	10
2,4-Dinitrotoluene	2.0	U	0.28	2.0
Diethyl phthalate	10	U	1.4	10
4-Chlorophenyl phenyl ether	10	U	1.5	10
Fluorene	10	U	1.7	10
4-Nitroaniline	10	U	2.9	10
N-Nitrosodiphenylamine	10	U	1.0	10
4-Bromophenyl phenyl ether	10	U	1.1	10
Hexachlorobenzene	1.0	U	0.20	1.0
Phenanthrene	10	U	1.2	10
Anthracene	10	U	0.85	10
Carbazole	10	U	1.2	10
Di-n-butyl phthalate	10	U	1.0	10
Fluoranthene	10	U	1.1	10

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

Client Sample ID: PW07B-CP-00-051415

Lab Sample ID: 460-94855-10

Date Sampled: 05/14/2015 0700

Client Matrix: Water

Date Received: 05/14/2015 1720

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-300751	Instrument ID:	CBNAMS13
Prep Method:	3510C	Prep Batch:	460-299749	Lab File ID:	C16512.D
Dilution:	1.0			Initial Weight/Volume:	250 mL
Analysis Date:	05/26/2015 1034			Final Weight/Volume:	2 mL
Prep Date:	05/20/2015 1124			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	10	U	1.1	10
Butyl benzyl phthalate	10	U	1.4	10
3,3'-Dichlorobenzidine	10	U	3.2	10
Benzo[a]anthracene	1.0	U	0.18	1.0
Chrysene	2.0	U	1.4	2.0
Bis(2-ethylhexyl) phthalate	2.0	U	0.81	2.0
Di-n-octyl phthalate	10	U	0.88	10
Benzo[b]fluoranthene	1.0	U	0.21	1.0
Benzo[k]fluoranthene	1.0	U	0.14	1.0
Benzo[a]pyrene	1.0	U	0.14	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.11	1.0
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
Benzo[g,h,i]perylene	10	U	0.93	10
1,1'-Biphenyl	10	U	1.8	10
Acetophenone	10	U	0.89	10
Benzaldehyde	10	U	2.1	10
Caprolactam	10	U	0.91	10
Atrazine	2.0	U	1.0	2.0
2,2'-oxybis[1-chloropropane]	10	U *	1.3	10
1,2,4,5-Tetrachlorobenzene	10	U	1.8	10
2,3,4,6-Tetrachlorophenol	10	U	0.89	10
Surrogate	%Rec	Qualifier	Acceptance Limits	
Nitrobenzene-d5	66		60 - 114	
Phenol-d5	21		4 - 86	
Terphenyl-d14	60	*	72 - 130	
2,4,6-Tribromophenol	62		51 - 126	
2-Fluorophenol	30		15 - 96	
2-Fluorobiphenyl	70		50 - 120	

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

Client Sample ID: PD09-CP-00-051415

Lab Sample ID: 460-94855-5

Date Sampled: 05/14/2015 0720

Client Matrix: Water

Date Received: 05/14/2015 1720

300.0 Anions, Ion Chromatography

Analysis Method: 300.0

Analysis Batch: 460-298769

Instrument ID: IC B

N/A

Prep Batch: N/A

Lab File ID: yb5150839.d

Dilution: 1.0

Initial Weight/Volume: 10 mL

Analysis Date: 05/15/2015 0839

Final Weight/Volume:

Prep Date: N/A

Injection Volume: 10 uL

Analyte	Result (mg/L)	Qualifier	MDL	RL
Fluoride	0.080	U	0.015	0.080
Sulfate	29.8		0.11	0.60

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

Client Sample ID: PD09-CP-00-051415

Lab Sample ID: 460-94855-5

Date Sampled: 05/14/2015 0720

Client Matrix: Water

Date Received: 05/14/2015 1720

300.0 Anions, Ion Chromatography

Analysis Method: 300.0

Analysis Batch: 460-298769

Instrument ID: IC B

N/A

Prep Batch: N/A

Lab File ID: yb5150954.d

Dilution: 50

Initial Weight/Volume: 10 mL

Analysis Date: 05/15/2015 0954

Run Type: DL

Final Weight/Volume:

Prep Date: N/A

Injection Volume: 10 uL

Analyte	Result (mg/L)	Qualifier	MDL	RL
Chloride	125		1.50	6.00

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

Client Sample ID: PD09-CP-01-051415

Lab Sample ID: 460-94855-6

Date Sampled: 05/14/2015 0725

Client Matrix: Water

Date Received: 05/14/2015 1720

300.0 Anions, Ion Chromatography

Analysis Method: 300.0

Analysis Batch: 460-298769

Instrument ID: IC B

N/A

Prep Batch: N/A

Lab File ID: yb5150904.d

Dilution: 1.0

Initial Weight/Volume: 10 mL

Analysis Date: 05/15/2015 0904

Final Weight/Volume:

Prep Date: N/A

Injection Volume: 10 uL

Analyte	Result (mg/L)	Qualifier	MDL	RL
Fluoride	0.080	U	0.015	0.080
Sulfate	29.8		0.11	0.60

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

Client Sample ID: PD09-CP-01-051415

Lab Sample ID: 460-94855-6

Date Sampled: 05/14/2015 0725

Client Matrix: Water

Date Received: 05/14/2015 1720

300.0 Anions, Ion Chromatography

Analysis Method: 300.0

Analysis Batch: 460-298769

Instrument ID: IC B

N/A

Prep Batch: N/A

Lab File ID: yb5151018.d

Dilution: 50

Initial Weight/Volume: 10 mL

Analysis Date: 05/15/2015 1018

Run Type: DL

Final Weight/Volume:

Prep Date: N/A

Injection Volume: 10 uL

Analyte	Result (mg/L)	Qualifier	MDL	RL
Chloride	127		1.50	6.00

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

Client Sample ID: EX1-CP-00-051415

Lab Sample ID: 460-94855-1

Client Matrix: Water

Date Sampled: 05/13/2015 0835

Date Received: 05/14/2015 1720

6010C Metals (ICP)

Analysis Method: 6010C

Analysis Batch: 460-300654

Instrument ID: ICP5

Prep Method: 3010A

Prep Batch: 460-300521

Lab File ID: 05232015.asc

Dilution: 1.0

Initial Weight/Volume: 100 mL

Analysis Date: 05/23/2015 2037

Final Weight/Volume: 100 mL

Prep Date: 05/22/2015 1927

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	15.0	U	4.4	15.0
Barium	89.3	J	5.5	200
Cadmium	4.0	U	2.3	4.0
Chromium	10.0	U	4.5	10.0
Iron	1630		65.4	150
Manganese	423		4.9	15.0
Lead	10.0	U	4.2	10.0
Antimony	20.0	U	4.7	20.0
Selenium	20.0	U	6.8	20.0

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

Client Sample ID: EX1-CP-01-051415

Lab Sample ID: 460-94855-2

Date Sampled: 05/13/2015 0840

Client Matrix: Water

Date Received: 05/14/2015 1720

6010C Metals (ICP)

Analysis Method: 6010C

Analysis Batch: 460-300654

Instrument ID: ICP5

Prep Method: 3010A

Prep Batch: 460-300521

Lab File ID: 05232015.asc

Dilution: 1.0

Initial Weight/Volume: 100 mL

Analysis Date: 05/23/2015 2051

Final Weight/Volume: 100 mL

Prep Date: 05/22/2015 1927

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	15.0	U	4.4	15.0
Barium	90.1	J	5.5	200
Cadmium	4.0	U	2.3	4.0
Chromium	10.0	U	4.5	10.0
Iron	1410		65.4	150
Manganese	427		4.9	15.0
Lead	10.0	U	4.2	10.0
Antimony	20.0	U	4.7	20.0
Selenium	20.0	U	6.8	20.0

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

Client Sample ID: EX2-CP-00-051415

Lab Sample ID: 460-94855-3

Client Matrix: Water

Date Sampled: 05/13/2015 1005

Date Received: 05/14/2015 1720

6010C Metals (ICP)

Analysis Method: 6010C

Analysis Batch: 460-300654

Instrument ID: ICP5

Prep Method: 3010A

Prep Batch: 460-300521

Lab File ID: 05232015.asc

Dilution: 1.0

Initial Weight/Volume: 100 mL

Analysis Date: 05/23/2015 2055

Final Weight/Volume: 100 mL

Prep Date: 05/22/2015 1927

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	15.0	U	4.4	15.0
Barium	66.9	J	5.5	200
Cadmium	4.0	U	2.3	4.0
Chromium	10.0	U	4.5	10.0
Iron	366		65.4	150
Manganese	140		4.9	15.0
Lead	10.0	U	4.2	10.0
Antimony	20.0	U	4.7	20.0
Selenium	7.1	J	6.8	20.0

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

Client Sample ID: EX3-CP-00-051415

Lab Sample ID: 460-94855-4

Client Matrix: Water

Date Sampled: 05/13/2015 1110

Date Received: 05/14/2015 1720

6010C Metals (ICP)

Analysis Method: 6010C

Analysis Batch: 460-300654

Instrument ID: ICP5

Prep Method: 3010A

Prep Batch: 460-300521

Lab File ID: 05232015.asc

Dilution: 1.0

Initial Weight/Volume: 100 mL

Analysis Date: 05/23/2015 2059

Final Weight/Volume: 100 mL

Prep Date: 05/22/2015 1927

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	15.0	U	4.4	15.0
Barium	89.6	J	5.5	200
Cadmium	4.0	U	2.3	4.0
Chromium	10.0	U	4.5	10.0
Iron	1460		65.4	150
Manganese	218		4.9	15.0
Lead	15.5		4.2	10.0
Antimony	20.0	U	4.7	20.0
Selenium	20.0	U	6.8	20.0

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

Client Sample ID: PD09-CP-00-051415

Lab Sample ID: 460-94855-5

Client Matrix: Water

Date Sampled: 05/14/2015 0720

Date Received: 05/14/2015 1720

6010C Metals (ICP)

Analysis Method: 6010C

Analysis Batch: 460-300654

Instrument ID: ICP5

Prep Method: 3010A

Prep Batch: 460-300521

Lab File ID: 05232015.asc

Dilution: 1.0

Initial Weight/Volume: 100 mL

Analysis Date: 05/23/2015 2114

Final Weight/Volume: 100 mL

Prep Date: 05/22/2015 1927

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	15.0	U	4.4	15.0
Barium	84.3	J	5.5	200
Cadmium	4.0	U	2.3	4.0
Chromium	10.0	U	4.5	10.0
Iron	150	U	65.4	150
Manganese	151		4.9	15.0
Lead	10.0	U	4.2	10.0
Antimony	20.0	U	4.7	20.0
Selenium	20.0	U	6.8	20.0

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

Client Sample ID: PW02-CP-00-051415

Lab Sample ID: 460-94855-7

Client Matrix: Water

Date Sampled: 05/14/2015 0645

Date Received: 05/14/2015 1720

6010C Metals (ICP)

Analysis Method: 6010C

Analysis Batch: 460-300654

Instrument ID: ICP5

Prep Method: 3010A

Prep Batch: 460-300521

Lab File ID: 05232015.asc

Dilution: 1.0

Initial Weight/Volume: 100 mL

Analysis Date: 05/23/2015 2118

Final Weight/Volume: 100 mL

Prep Date: 05/22/2015 1927

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	15.0	U	4.4	15.0
Barium	86.4	J	5.5	200
Cadmium	4.0	U	2.3	4.0
Chromium	10.0	U	4.5	10.0
Iron	293		65.4	150
Manganese	263		4.9	15.0
Lead	10.0	U	4.2	10.0
Antimony	20.0	U	4.7	20.0
Selenium	20.0	U	6.8	20.0

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

Client Sample ID: PW07B-CP-00-051415

Lab Sample ID: 460-94855-10

Date Sampled: 05/14/2015 0700

Client Matrix: Water

Date Received: 05/14/2015 1720

6010C Metals (ICP)

Analysis Method: 6010C

Analysis Batch: 460-300654

Instrument ID: ICP5

Prep Method: 3010A

Prep Batch: 460-300521

Lab File ID: 05232015.asc

Dilution: 1.0

Initial Weight/Volume: 100 mL

Analysis Date: 05/23/2015 2122

Final Weight/Volume: 100 mL

Prep Date: 05/22/2015 1927

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	15.0	U	4.4	15.0
Barium	83.5	J	5.5	200
Cadmium	4.0	U	2.3	4.0
Chromium	10.0	U	4.5	10.0
Iron	150	U	65.4	150
Manganese	155		4.9	15.0
Lead	10.0	U	4.2	10.0
Antimony	20.0	U	4.7	20.0
Selenium	20.0	U	6.8	20.0

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

General Chemistry

Client Sample ID: EX1-CP-00-051415

Lab Sample ID: 460-94855-1

Client Matrix: Water

Date Sampled: 05/13/2015 0835

Date Received: 05/14/2015 1720

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Total Suspended Solids	2.3		mg/L	1.1	1.1	1.0	SM 2540D

Analysis Batch: 460-299215 Analysis Date: 05/18/2015 0900

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

General Chemistry

Client Sample ID: EX1-CP-01-051415

Lab Sample ID: 460-94855-2

Client Matrix: Water

Date Sampled: 05/13/2015 0840

Date Received: 05/14/2015 1720

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Total Suspended Solids	2.2		mg/L	1.0	1.0	1.0	SM 2540D
Analysis Batch: 460-299215 Analysis Date: 05/18/2015 0900							

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

General Chemistry

Client Sample ID: EX2-CP-00-051415

Lab Sample ID: 460-94855-3

Client Matrix: Water

Date Sampled: 05/13/2015 1005

Date Received: 05/14/2015 1720

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Total Suspended Solids	1.0	U	mg/L	1.0	1.0	1.0	SM 2540D

Analysis Batch: 460-299215 Analysis Date: 05/18/2015 0900

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

General Chemistry

Client Sample ID: EX3-CP-00-051415

Lab Sample ID: 460-94855-4

Client Matrix: Water

Date Sampled: 05/13/2015 1110

Date Received: 05/14/2015 1720

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Total Suspended Solids	11.2		mg/L	1.1	1.1	1.0	SM 2540D

Analysis Batch: 460-299215 Analysis Date: 05/18/2015 0900

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

General Chemistry

Client Sample ID: PD09-CP-00-051415

Lab Sample ID: 460-94855-5

Client Matrix: Water

Date Sampled: 05/14/2015 0720

Date Received: 05/14/2015 1720

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Nitrogen, Kjeldahl	0.21		mg/L	0.10	0.20	1.0	351.2
	Analysis Batch: 680-383986		Analysis Date: 05/20/2015 0947				
	Prep Batch: 680-383817		Prep Date: 05/19/2015 1007				
Cr (VI)	10.0	U	ug/L	4.9	10.0	1.0	7196A
	Analysis Batch: 460-298737		Analysis Date: 05/15/2015 0229				
Total Dissolved Solids	373		mg/L	10.0	10.0	1.0	SM 2540C
	Analysis Batch: 460-298874		Analysis Date: 05/15/2015 1222				

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

General Chemistry

Client Sample ID: PD09-CP-01-051415

Lab Sample ID: 460-94855-6

Client Matrix: Water

Date Sampled: 05/14/2015 0725

Date Received: 05/14/2015 1720

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Nitrogen, Kjeldahl	0.28		mg/L	0.10	0.20	1.0	351.2
	Analysis Batch: 680-383986		Analysis Date: 05/20/2015 1012				
	Prep Batch: 680-383817		Prep Date: 05/19/2015 1007				
Cr (VI)	10.0	U	ug/L	4.9	10.0	1.0	7196A
	Analysis Batch: 460-298737		Analysis Date: 05/15/2015 0229				

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

General Chemistry

Client Sample ID: PW02-CP-00-051415

Lab Sample ID: 460-94855-7

Client Matrix: Water

Date Sampled: 05/14/2015 0645

Date Received: 05/14/2015 1720

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Dissolved Solids	307		mg/L	10.0	10.0	1.0	SM 2540C
Analysis Batch: 460-298874 Analysis Date: 05/15/2015 1222							

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Total Suspended Solids	1.1	U	mg/L	1.1	1.1	1.0	SM 2540D
Analysis Batch: 460-299215 Analysis Date: 05/18/2015 1320							

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

General Chemistry

Client Sample ID: PW02-CP-01-051415

Lab Sample ID: 460-94855-8

Client Matrix: Water

Date Sampled: 05/14/2015 0650

Date Received: 05/14/2015 1720

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Dissolved Solids	354		mg/L	10.0	10.0	1.0	SM 2540C
Analysis Batch: 460-298874 Analysis Date: 05/15/2015 1222							

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

General Chemistry

Client Sample ID: PW07B-CP-00-051415

Lab Sample ID: 460-94855-10

Client Matrix: Water

Date Sampled: 05/14/2015 0700

Date Received: 05/14/2015 1720

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Organic Carbon	0.93	J	mg/L	0.14	1.0	1.0	9060A
Analysis Batch: 460-300379 Analysis Date: 05/21/2015 1531							

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Total Suspended Solids	1.1	U	mg/L	1.1	1.1	1.0	SM 2540D
Analysis Batch: 460-299215 Analysis Date: 05/18/2015 1320							

Analytical Data

Client: New York State D.E.C.

Job Number: 460-94855-1

General Chemistry

Client Sample ID: PW07B-CP-01-051415

Lab Sample ID: 460-94855-11

Client Matrix: Water

Date Sampled: 05/14/2015 0705

Date Received: 05/14/2015 1720

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Organic Carbon	0.96	J	mg/L	0.14	1.0	1.0	9060A

Analysis Batch: 460-300379 Analysis Date: 05/21/2015 1650

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
460-94855-1	EX1-CP-00-051415	103	106	111	106
460-94855-2	EX1-CP-01-051415	103	105	112	110
460-94855-3	EX2-CP-00-051415	103	104	110	110
460-94855-4	EX3-CP-00-051415	102	105	110	107
460-94855-5	PD09-CP-00-051415	104	106	110	110
460-94855-7	PW02-CP-00-051415	103	105	110	110
460-94855-9	PW06-CP-00-051415	103	104	108	111
460-94855-10	PW07B-CP-00-051415	102	105	111	109
460-94855-12	TB-CP-QC-051415	103	105	111	108
MB 460-300464/7		102	103	114	108
LCS 460-300464/3		104	104	113	107
460-94855-1 MS	EX1-CP-00-051415 MS	107	104	112	110
460-94855-1 MSD	EX1-CP-00-051415 MSD	105	103	111	108

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	72-137
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	64-135

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Surrogate Recovery Report

8270D Semivolatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
460-94855-5	PD09-CP-00-051415	43	28	83	91	93	99
460-94855-6	PD09-CP-01-051415	40	28	78	85	92	99
460-94855-9	PW06-CP-00-051415	41	27	77	84	92	97
460-94855-10	PW07B-CP-00-051415	30	21	66	70	62	60*
MB 460-298867/1-A		41	27	76	88	81	98
MB 460-299749/1-A		59	39	90	94	76	82
LCS 460-298867/2-A		38	25	80	89	89	106
LCS 460-298867/4-A		42	27	77	86	79	92
LCS 460-299749/2-A		31	18	66	70	78	68*
LCS 460-299749/4-A		37	24	75	76	71	74
LCSD 460-298867/3-A		42	30	84	89	96	115
LCSD 460-298867/5-A		46	30	81	90	80	87
LCSD 460-299749/3-A		32	19	65	71	75	62*
LCSD 460-299749/5-A		31	19	69	72	73	72

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	15-96
PHL = Phenol-d5	4-86
NBZ = Nitrobenzene-d5	60-114
FBP = 2-Fluorobiphenyl	50-120
TBP = 2,4,6-Tribromophenol	51-126
TPH = Terphenyl-d14	72-130

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Method Blank - Batch: 460-300464

Method: 8260C

Preparation: 5030C

Lab Sample ID: MB 460-300464/7
Client Matrix: Water
Dilution: 1.0
Analysis Date: 05/22/2015 2258
Prep Date: 05/22/2015 2258
Leach Date: N/A

Analysis Batch: 460-300464
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: CVOAMS3
Lab File ID: C08861.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	5.0	U	1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
Chloroform	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
2-Butanone	5.0	U	2.2	5.0
1,1,1-Trichloroethane	1.0	U	0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.0	U	0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	1.0	U	0.22	1.0
Dibromochloromethane	1.0	U	0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	1.0	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	1.0	U	0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Cyclohexane	1.0	U	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Method Blank - Batch: 460-300464

Method: 8260C
Preparation: 5030C

Lab Sample ID: MB 460-300464/7
Client Matrix: Water
Dilution: 1.0
Analysis Date: 05/22/2015 2258
Prep Date: 05/22/2015 2258
Leach Date: N/A

Analysis Batch: 460-300464
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: CVOAMS3
Lab File ID: C08861.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	50	U	8.7	50
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	70 - 130
Toluene-d8 (Surr)	114	70 - 130
4-Bromofluorobenzene	108	64 - 135
Dibromofluoromethane (Surr)	102	72 - 137

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Lab Control Sample - Batch: 460-300464

Method: 8260C

Preparation: 5030C

Lab Sample ID:	LCS 460-300464/3	Analysis Batch:	460-300464	Instrument ID:	CVOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C08857.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/22/2015 2114	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/22/2015 2114				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	20.0	26.2	131	43 - 145	
Bromomethane	20.0	12.2	61	27 - 150	
Vinyl chloride	20.0	24.1	120	56 - 137	
Chloroethane	20.0	21.9	110	58 - 145	
Methylene Chloride	20.0	16.8	84	76 - 123	
Acetone	100	86.5	86	26 - 150	
Carbon disulfide	20.0	16.4	82	61 - 126	
Trichlorofluoromethane	20.0	22.4	112	65 - 142	
1,1-Dichloroethene	20.0	15.6	78	71 - 123	
1,1-Dichloroethane	20.0	17.7	89	75 - 126	
trans-1,2-Dichloroethene	20.0	17.2	86	79 - 120	
cis-1,2-Dichloroethene	20.0	18.0	90	78 - 121	
Chloroform	20.0	17.3	87	81 - 122	
1,2-Dichloroethane	20.0	16.7	83	75 - 127	
2-Butanone	100	90.3	90	52 - 140	
1,1,1-Trichloroethane	20.0	17.5	88	73 - 134	
Carbon tetrachloride	20.0	16.9	84	58 - 150	
Bromodichloromethane	20.0	16.5	83	72 - 123	
1,2-Dichloropropane	20.0	17.1	86	70 - 120	
cis-1,3-Dichloropropene	20.0	18.6	93	71 - 120	
Trichloroethene	20.0	17.3	87	74 - 120	
Dibromochloromethane	20.0	17.8	89	63 - 131	
1,1,2-Trichloroethane	20.0	19.5	97	68 - 121	
Benzene	20.0	20.1	101	69 - 125	
trans-1,3-Dichloropropene	20.0	18.4	92	71 - 123	
Bromoform	20.0	16.4	82	50 - 134	
4-Methyl-2-pentanone (MIBK)	100	91.0	91	56 - 132	
2-Hexanone	100	95.3	95	49 - 131	
Tetrachloroethene	20.0	19.2	96	70 - 136	
1,1,2,2-Tetrachloroethane	20.0	19.3	97	55 - 133	
Toluene	20.0	19.1	96	78 - 120	
Chlorobenzene	20.0	19.2	96	77 - 120	
Ethylbenzene	20.0	19.0	95	74 - 120	
Styrene	20.0	18.4	92	76 - 120	
m&p-Xylene	20.0	19.1	96	78 - 119	
o-Xylene	20.0	18.0	90	79 - 120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	17.3	86	60 - 144	
Methyl tert-butyl ether	20.0	17.4	87	73 - 125	
Cyclohexane	20.0	19.5	97	62 - 135	
1,2-Dibromoethane	20.0	18.8	94	77 - 117	
1,3-Dichlorobenzene	20.0	19.7	98	75 - 120	
1,4-Dichlorobenzene	20.0	20.0	100	75 - 120	
1,2-Dichlorobenzene	20.0	20.1	100	81 - 120	
Dichlorodifluoromethane	20.0	28.9	145	40 - 150	
1,2,4-Trichlorobenzene	20.0	19.9	99	76 - 129	
1,4-Dioxane	400	393	98	46 - 150	

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Lab Control Sample - Batch: 460-300464

Method: 8260C

Preparation: 5030C

Lab Sample ID:	LCS 460-300464/3	Analysis Batch:	460-300464	Instrument ID:	CVOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C08857.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/22/2015 2114	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/22/2015 2114				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2,3-Trichlorobenzene	20.0	21.1	105	72 - 135	
1,2-Dibromo-3-Chloropropane	20.0	18.2	91	53 - 136	
Bromochloromethane	20.0	15.5	77	70 - 134	
Isopropylbenzene	20.0	20.0	100	74 - 127	
Methyl acetate	100	95.1	95	62 - 140	
Methylcyclohexane	20.0	16.6	83	64 - 136	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		104		70 - 130	
Toluene-d8 (Surr)		113		70 - 130	
4-Bromofluorobenzene		107		64 - 135	

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-300464

Method: 8260C
Preparation: 5030C

MS Lab Sample ID: 460-94855-1
Client Matrix: Water
Dilution: 10
Analysis Date: 05/23/2015 0310
Prep Date: 05/23/2015 0310
Leach Date: N/A

Analysis Batch: 460-300464
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: CVOAMS3
Lab File ID: C08871.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 460-94855-1
Client Matrix: Water
Dilution: 10
Analysis Date: 05/23/2015 0335
Prep Date: 05/23/2015 0335
Leach Date: N/A

Analysis Batch: 460-300464
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: CVOAMS3
Lab File ID: C08872.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chloromethane	117	123	43 - 145	5	30		
Bromomethane	44	52	27 - 150	15	30		
Vinyl chloride	110	111	56 - 137	0	30		
Chloroethane	101	99	58 - 145	3	30		
Methylene Chloride	86	89	76 - 123	3	30		
Acetone	80	85	26 - 150	6	30		
Carbon disulfide	78	81	61 - 126	4	30		
Trichlorofluoromethane	101	101	65 - 142	0	30		
1,1-Dichloroethene	74	80	71 - 123	7	30		
1,1-Dichloroethane	87	89	75 - 126	3	30		
trans-1,2-Dichloroethene	90	90	79 - 120	0	30		
cis-1,2-Dichloroethene	90	93	78 - 121	3	30		
Chloroform	88	90	81 - 122	3	30		
1,2-Dichloroethane	86	86	75 - 127	1	30		
2-Butanone	93	93	52 - 140	1	30		
1,1,1-Trichloroethane	84	88	73 - 134	4	30		
Carbon tetrachloride	83	84	58 - 150	1	30		
Bromodichloromethane	84	88	72 - 123	5	30		
1,2-Dichloropropane	87	91	70 - 120	5	30		
cis-1,3-Dichloropropene	93	95	71 - 120	2	30		
Trichloroethene	83	87	74 - 120	5	30		
Dibromochloromethane	90	93	63 - 131	4	30		
1,1,2-Trichloroethane	100	104	68 - 121	4	30		
Benzene	99	103	69 - 125	4	30		
trans-1,3-Dichloropropene	90	97	71 - 123	7	30		
Bromoform	86	90	50 - 134	4	30		
4-Methyl-2-pentanone (MIBK)	101	101	56 - 132	1	30		
2-Hexanone	100	104	49 - 131	4	30		
Tetrachloroethene	98	97	70 - 136	0	30		
1,1,2,2-Tetrachloroethane	102	107	55 - 133	5	30		
Toluene	96	98	78 - 120	2	30		
Chlorobenzene	95	99	77 - 120	4	30		
Ethylbenzene	94	100	74 - 120	6	30		

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-300464

Method: 8260C
Preparation: 5030C

MS Lab Sample ID: 460-94855-1
Client Matrix: Water
Dilution: 10
Analysis Date: 05/23/2015 0310
Prep Date: 05/23/2015 0310
Leach Date: N/A

Analysis Batch: 460-300464
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: CVOAMS3
Lab File ID: C08871.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 460-94855-1
Client Matrix: Water
Dilution: 10
Analysis Date: 05/23/2015 0335
Prep Date: 05/23/2015 0335
Leach Date: N/A

Analysis Batch: 460-300464
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: CVOAMS3
Lab File ID: C08872.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Styrene	96	100	76 - 120	4	30		
m&p-Xylene	97	102	78 - 119	5	30		
o-Xylene	94	99	79 - 120	5	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	82	84	60 - 144	2	30		
Methyl tert-butyl ether	90	91	73 - 125	2	30		
Cyclohexane	93	96	62 - 135	4	30		
1,2-Dibromoethane	96	101	77 - 117	4	30		
1,3-Dichlorobenzene	101	106	75 - 120	5	30		
1,4-Dichlorobenzene	101	106	75 - 120	4	30		
1,2-Dichlorobenzene	104	106	81 - 120	3	30		
Dichlorodifluoromethane	125	128	40 - 150	2	30		
1,2,4-Trichlorobenzene	99	102	76 - 129	3	30		
1,4-Dioxane	84	105	46 - 150	23	30		
1,2,3-Trichlorobenzene	98	109	72 - 135	10	30		
1,2-Dibromo-3-Chloropropane	94	101	53 - 136	8	30		
Bromochloromethane	83	81	70 - 134	2	30		
Isopropylbenzene	103	107	74 - 127	4	30		
Methyl acetate	100	103	62 - 140	3	30		
Methylcyclohexane	80	82	64 - 136	2	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	104		103	70 - 130			
Toluene-d8 (Surr)	112		111	70 - 130			
4-Bromofluorobenzene	110		108	64 - 135			

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-300464

Method: 8260C
Preparation: 5030C

MS Lab Sample ID: 460-94855-1
Client Matrix: Water
Dilution: 10
Analysis Date: 05/23/2015 0310
Prep Date: 05/23/2015 0310
Leach Date: N/A

Units: ug/L

MSD Lab Sample ID: 460-94855-1
Client Matrix: Water
Dilution: 10
Analysis Date: 05/23/2015 0335
Prep Date: 05/23/2015 0335
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloromethane	1.0	U	200	200	235	246
Bromomethane	1.0	U	200	200	88.6	103
Vinyl chloride	1.0	U	200	200	221	221
Chloroethane	1.0	U	200	200	202	197
Methylene Chloride	1.0	U	200	200	173	177
Acetone	5.0	U	1000	1000	804	851
Carbon disulfide	1.0	U	200	200	156	162
Trichlorofluoromethane	1.0	U	200	200	201	202
1,1-Dichloroethene	0.43	J	200	200	149	160
1,1-Dichloroethane	1.0	U	200	200	173	178
trans-1,2-Dichloroethene	1.0	U	200	200	179	180
cis-1,2-Dichloroethene	2.6		200	200	182	188
Chloroform	1.0	U	200	200	175	180
1,2-Dichloroethane	1.0	U	200	200	171	172
2-Butanone	5.0	U	1000	1000	933	928
1,1,1-Trichloroethane	0.29	J	200	200	168	176
Carbon tetrachloride	1.0	U	200	200	166	168
Bromodichloromethane	1.0	U	200	200	168	176
1,2-Dichloropropane	1.0	U	200	200	173	182
cis-1,3-Dichloropropene	1.0	U	200	200	185	190
Trichloroethene	6.0		200	200	172	180
Dibromochloromethane	1.0	U	200	200	180	186
1,1,2-Trichloroethane	1.0	U	200	200	201	208
Benzene	1.0	U	200	200	198	206
trans-1,3-Dichloropropene	1.0	U	200	200	179	193
Bromoform	1.0	U	200	200	173	180
4-Methyl-2-pentanone (MIBK)	5.0	U	1000	1000	1010	1010
2-Hexanone	5.0	U	1000	1000	1000	1040
Tetrachloroethene	4.5		200	200	199	199
1,1,2,2-Tetrachloroethane	1.0	U	200	200	204	214
Toluene	1.0	U	200	200	192	197
Chlorobenzene	1.0	U	200	200	190	198
Ethylbenzene	1.0	U	200	200	188	199
Styrene	1.0	U	200	200	192	200
m&p-Xylene	1.0	U	200	200	195	205
o-Xylene	1.0	U	200	200	188	198
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	200	200	164	167
Methyl tert-butyl ether	0.30	J	200	200	180	183
Cyclohexane	1.0	U	200	200	185	193
1,2-Dibromoethane	1.0	U	200	200	193	201
1,3-Dichlorobenzene	1.0	U	200	200	201	211
1,4-Dichlorobenzene	1.0	U	200	200	203	212
1,2-Dichlorobenzene	1.0	U	200	200	207	213

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-300464

Method: 8260C
Preparation: 5030C

MS Lab Sample ID: 460-94855-1 Units: ug/L
Client Matrix: Water
Dilution: 10
Analysis Date: 05/23/2015 0310
Prep Date: 05/23/2015 0310
Leach Date: N/A

MSD Lab Sample ID: 460-94855-1
Client Matrix: Water
Dilution: 10
Analysis Date: 05/23/2015 0335
Prep Date: 05/23/2015 0335
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Dichlorodifluoromethane	1.0	U	200	200	251	256
1,2,4-Trichlorobenzene	1.0	U	200	200	198	205
1,4-Dioxane	50	U	4000	4000	3340	4210
1,2,3-Trichlorobenzene	1.0	U	200	200	196	218
1,2-Dibromo-3-Chloropropane	1.0	U	200	200	188	203
Bromochloromethane	1.0	U	200	200	165	161
Isopropylbenzene	1.0	U	200	200	205	214
Methyl acetate	5.0	U	1000	1000	1000	1030
Methylcyclohexane	1.0	U	200	200	160	163

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Method Blank - Batch: 460-298867

Method: 8270D

Preparation: 3510C

Lab Sample ID: MB 460-298867/1-A
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 05/18/2015 0818
 Prep Date: 05/15/2015 1118
 Leach Date: N/A

Analysis Batch: 460-299127
 Prep Batch: 460-298867
 Leach Batch: N/A
 Units: ug/L

Instrument ID: CBNAMS13
 Lab File ID: C16214.D
 Initial Weight/Volume: 250 mL
 Final Weight/Volume: 2 mL
 Injection Volume: 5 uL

Analyte	Result	Qual	MDL	RL
Phenol	10	U	0.60	10
2-Chlorophenol	10	U	0.93	10
2-Methylphenol	10	U	1.4	10
4-Methylphenol	10	U	1.0	10
2-Nitrophenol	10	U	0.68	10
2,4-Dimethylphenol	10	U	1.2	10
2,4-Dichlorophenol	10	U	1.1	10
4-Chloro-3-methylphenol	10	U	1.1	10
2,4,6-Trichlorophenol	10	U	1.4	10
2,4,5-Trichlorophenol	10	U	2.2	10
2,4-Dinitrophenol	20	U	2.0	20
4-Nitrophenol	20	U	2.0	20
4,6-Dinitro-2-methylphenol	20	U	3.0	20
Pentachlorophenol	20	U	2.7	20
Bis(2-chloroethyl)ether	1.0	U	0.30	1.0
N-Nitrosodi-n-propylamine	1.0	U	0.27	1.0
Hexachloroethane	1.0	U	0.15	1.0
Nitrobenzene	1.0	U	0.34	1.0
Isophorone	10	U	1.3	10
Bis(2-chloroethoxy)methane	10	U	1.0	10
Naphthalene	10	U	2.0	10
4-Chloroaniline	10	U	0.32	10
Hexachlorobutadiene	1.0	U	0.68	1.0
2-Methylnaphthalene	10	U	1.5	10
Hexachlorocyclopentadiene	10	U	1.5	10
2-Chloronaphthalene	10	U	1.3	10
2-Nitroaniline	10	U	2.0	10
Dimethyl phthalate	10	U	1.1	10
Acenaphthylene	10	U	1.8	10
2,6-Dinitrotoluene	2.0	U	0.27	2.0
3-Nitroaniline	10	U	2.9	10
Acenaphthene	10	U	1.1	10
Dibenzofuran	10	U	1.5	10
2,4-Dinitrotoluene	2.0	U	0.28	2.0
Diethyl phthalate	10	U	1.4	10
4-Chlorophenyl phenyl ether	10	U	1.5	10
Fluorene	10	U	1.7	10
4-Nitroaniline	10	U	2.9	10
N-Nitrosodiphenylamine	10	U	1.0	10
4-Bromophenyl phenyl ether	10	U	1.1	10
Hexachlorobenzene	1.0	U	0.20	1.0
Phenanthrene	10	U	1.2	10
Anthracene	10	U	0.85	10
Carbazole	10	U	1.2	10
Di-n-butyl phthalate	10	U	1.0	10

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Method Blank - Batch: 460-298867

Method: 8270D

Preparation: 3510C

Lab Sample ID: MB 460-298867/1-A
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 05/18/2015 0818
 Prep Date: 05/15/2015 1118
 Leach Date: N/A

Analysis Batch: 460-299127
 Prep Batch: 460-298867
 Leach Batch: N/A
 Units: ug/L

Instrument ID: CBNAMS13
 Lab File ID: C16214.D
 Initial Weight/Volume: 250 mL
 Final Weight/Volume: 2 mL
 Injection Volume: 5 uL

Analyte	Result	Qual	MDL	RL
Fluoranthene	10	U	1.1	10
Pyrene	10	U	1.1	10
Butyl benzyl phthalate	10	U	1.4	10
3,3'-Dichlorobenzidine	10	U	3.2	10
Benzo[a]anthracene	1.0	U	0.18	1.0
Chrysene	2.0	U	1.4	2.0
Bis(2-ethylhexyl) phthalate	2.0	U	0.81	2.0
Di-n-octyl phthalate	10	U	0.88	10
Benzo[b]fluoranthene	1.0	U	0.21	1.0
Benzo[k]fluoranthene	1.0	U	0.14	1.0
Benzo[a]pyrene	1.0	U	0.14	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.11	1.0
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
Benzo[g,h,i]perylene	10	U	0.93	10
1,1'-Biphenyl	10	U	1.8	10
Acetophenone	10	U	0.89	10
Benzaldehyde	10	U	2.1	10
Caprolactam	10	U	0.91	10
Atrazine	2.0	U	1.0	2.0
2,2'-oxybis[1-chloropropane]	10	U	1.3	10
1,2,4,5-Tetrachlorobenzene	10	U	1.8	10
2,3,4,6-Tetrachlorophenol	10	U	0.89	10

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	76	60 - 114
Phenol-d5	27	4 - 86
Terphenyl-d14	98	72 - 130
2,4,6-Tribromophenol	81	51 - 126
2-Fluorophenol	41	15 - 96
2-Fluorobiphenyl	88	50 - 120

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Lab Control Sample/

Lab Control Sample Duplicate Recovery Report - Batch: 460-298867

Method: 8270D

Preparation: 3510C

LCS Lab Sample ID: LCS 460-298867/2-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 05/18/2015 0846
Prep Date: 05/15/2015 1118
Leach Date: N/A

Analysis Batch: 460-299127
Prep Batch: 460-298867
Leach Batch: N/A
Units: ug/L

Instrument ID: CBNAMS13
Lab File ID: C16215.D
Initial Weight/Volume: 250 mL
Final Weight/Volume: 2 mL
Injection Volume: 5 uL

LCSD Lab Sample ID: LCSD 460-298867/3-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 05/18/2015 0914
Prep Date: 05/15/2015 1118
Leach Date: N/A

Analysis Batch: 460-299127
Prep Batch: 460-298867
Leach Batch: N/A
Units: ug/L

Instrument ID: CBNAMS13
Lab File ID: C16216.D
Initial Weight/Volume: 250 mL
Final Weight/Volume: 2 mL
Injection Volume: 5 uL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Phenol	28	34	12 - 44	19	30		
2-Chlorophenol	72	78	53 - 101	9	30		
2-Methylphenol	62	70	40 - 90	12	30		
4-Methylphenol	57	67	30 - 75	16	30		
2-Nitrophenol	91	97	65 - 107	6	30		
2,4-Dimethylphenol	78	83	55 - 100	7	30		
2,4-Dichlorophenol	89	95	64 - 107	7	30		
4-Chloro-3-methylphenol	83	91	57 - 106	9	30		
2,4,6-Trichlorophenol	107	111	67 - 111	4	30		
2,4,5-Trichlorophenol	103	106	67 - 114	4	30		
2,4-Dinitrophenol	90	102	19 - 113	12	30		
4-Nitrophenol	25	31	10 - 44	22	30		
4,6-Dinitro-2-methylphenol	100	108	58 - 115	8	30		
Pentachlorophenol	92	96	55 - 116	5	30		
Bis(2-chloroethyl)ether	75	82	62 - 108	9	30		
N-Nitrosodi-n-propylamine	89	98	70 - 109	9	30		
Hexachloroethane	71	74	50 - 99	4	30		
Nitrobenzene	87	91	66 - 106	5	30		
Isophorone	83	88	68 - 108	6	30		
Bis(2-chloroethoxy)methane	88	93	69 - 108	5	30		
Naphthalene	81	85	63 - 101	5	30		
4-Chloroaniline	80	88	58 - 105	9	30		
Hexachlorobutadiene	77	80	52 - 99	3	30		
2-Methylnaphthalene	83	88	66 - 102	5	30		
Hexachlorocyclopentadiene	89	88	40 - 105	1	30		
2-Chloronaphthalene	97	97	65 - 107	0	30		
2-Nitroaniline	100	104	73 - 116	5	30		
Dimethyl phthalate	96	103	69 - 111	7	30		
Acenaphthylene	100	103	67 - 107	2	30		
2,6-Dinitrotoluene	102	110	68 - 114	7	30		
3-Nitroaniline	80	91	59 - 108	12	30		
Acenaphthene	100	104	66 - 108	4	30		
Dibenzofuran	96	98	68 - 105	2	30		
2,4-Dinitrotoluene	93	101	65 - 113	8	30		
Diethyl phthalate	91	98	66 - 109	7	30		
4-Chlorophenyl phenyl ether	97	102	68 - 105	5	30		

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Lab Control Sample/

Lab Control Sample Duplicate Recovery Report - Batch: 460-298867

Method: 8270D

Preparation: 3510C

LCS Lab Sample ID: LCS 460-298867/2-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 05/18/2015 0846
Prep Date: 05/15/2015 1118
Leach Date: N/A

Analysis Batch: 460-299127
Prep Batch: 460-298867
Leach Batch: N/A
Units: ug/L

Instrument ID: CBNAMS13
Lab File ID: C16215.D
Initial Weight/Volume: 250 mL
Final Weight/Volume: 2 mL
Injection Volume: 5 uL

LCSD Lab Sample ID: LCSD 460-298867/3-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 05/18/2015 0914
Prep Date: 05/15/2015 1118
Leach Date: N/A

Analysis Batch: 460-299127
Prep Batch: 460-298867
Leach Batch: N/A
Units: ug/L

Instrument ID: CBNAMS13
Lab File ID: C16216.D
Initial Weight/Volume: 250 mL
Final Weight/Volume: 2 mL
Injection Volume: 5 uL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Fluorene	98	101	68 - 105	4	30		
4-Nitroaniline	72	82	49 - 119	13	30		
4-Bromophenyl phenyl ether	104	104	66 - 110	0	30		
Hexachlorobenzene	104	105	65 - 107	1	30		
Phenanthrene	95	97	68 - 110	2	30		
Anthracene	94	95	68 - 108	1	30		
Carbazole	83	88	67 - 110	6	30		
Di-n-butyl phthalate	82	87	68 - 111	6	30		
Fluoranthene	80	85	68 - 108	5	30		
Pyrene	134	143	61 - 110	7	30	*	*
Butyl benzyl phthalate	93	101	66 - 115	8	30		
3,3'-Dichlorobenzidine	76	75	69 - 129	2	30		
Benzo[a]anthracene	97	101	65 - 106	4	30		
Chrysene	94	98	68 - 112	4	30		
Bis(2-ethylhexyl) phthalate	92	99	66 - 114	7	30		
Di-n-octyl phthalate	99	114	51 - 115	15	30		
Benzo[b]fluoranthene	106	112	65 - 111	6	30		*
Benzo[k]fluoranthene	100	106	66 - 114	6	30		
Benzo[a]pyrene	103	105	58 - 101	2	30	*	*
Indeno[1,2,3-cd]pyrene	127	119	68 - 121	7	30	*	
Dibenz(a,h)anthracene	127	119	67 - 124	7	30	*	
Benzo[g,h,i]perylene	133	124	65 - 134	7	30		
2,2'-oxybis[1-chloropropane]	74	79	68 - 107	6	30		
2,3,4,6-Tetrachlorophenol	99	107	70 - 130	7	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Nitrobenzene-d5	80	84	60 - 114
Phenol-d5	25	30	4 - 86
Terphenyl-d14	106	115	72 - 130
2,4,6-Tribromophenol	89	96	51 - 126
2-Fluorophenol	38	42	15 - 96
2-Fluorobiphenyl	89	89	50 - 120

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Nitrobenzene-d5	77	81	60 - 114
Phenol-d5	27	30	4 - 86
Terphenyl-d14	92	87	72 - 130
2,4,6-Tribromophenol	79	80	51 - 126
2-Fluorophenol	42	46	15 - 96
2-Fluorobiphenyl	86	90	50 - 120

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Laboratory Control/ Laboratory Duplicate Data Report - Batch: 460-298867

Method: 8270D
Preparation: 3510C

LCS Lab Sample ID: LCS 460-298867/2-A Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 05/18/2015 0846
Prep Date: 05/15/2015 1118
Leach Date: N/A

LCSD Lab Sample ID: LCSD 460-298867/3-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 05/18/2015 0914
Prep Date: 05/15/2015 1118
Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Phenol	80.0	80.0	22.5	27.3
2-Chlorophenol	80.0	80.0	57.3	62.6
2-Methylphenol	80.0	80.0	49.8	56.0
4-Methylphenol	80.0	80.0	45.5	53.6
2-Nitrophenol	80.0	80.0	72.9	77.5
2,4-Dimethylphenol	80.0	80.0	62.5	66.8
2,4-Dichlorophenol	80.0	80.0	71.3	76.1
4-Chloro-3-methylphenol	80.0	80.0	66.3	72.8
2,4,6-Trichlorophenol	80.0	80.0	85.5	88.6
2,4,5-Trichlorophenol	80.0	80.0	82.1	85.1
2,4-Dinitrophenol	160	160	144	164
4-Nitrophenol	160	160	39.3	49.1
4,6-Dinitro-2-methylphenol	160	160	160	173
Pentachlorophenol	160	160	147	154
Bis(2-chloroethyl)ether	80.0	80.0	59.7	65.3
N-Nitrosodi-n-propylamine	80.0	80.0	71.2	78.3
Hexachloroethane	80.0	80.0	57.1	59.3
Nitrobenzene	80.0	80.0	69.3	73.1
Isophorone	80.0	80.0	66.5	70.6
Bis(2-chloroethoxy)methane	80.0	80.0	70.6	74.1
Naphthalene	80.0	80.0	64.5	67.8
4-Chloroaniline	80.0	80.0	64.4	70.8
Hexachlorobutadiene	80.0	80.0	61.7	63.8
2-Methylnaphthalene	80.0	80.0	66.5	70.0
Hexachlorocyclopentadiene	80.0	80.0	71.2	70.2
2-Chloronaphthalene	80.0	80.0	77.7	77.4
2-Nitroaniline	80.0	80.0	79.7	83.6
Dimethyl phthalate	80.0	80.0	76.9	82.6
Acenaphthylene	80.0	80.0	80.1	82.1
2,6-Dinitrotoluene	80.0	80.0	82.0	87.9
3-Nitroaniline	80.0	80.0	64.3	72.6
Acenaphthene	80.0	80.0	79.9	83.3
Dibenzofuran	80.0	80.0	76.4	78.3
2,4-Dinitrotoluene	80.0	80.0	74.7	80.8
Diethyl phthalate	80.0	80.0	73.0	78.4
4-Chlorophenyl phenyl ether	80.0	80.0	77.8	81.7
Fluorene	80.0	80.0	78.1	81.1
4-Nitroaniline	80.0	80.0	57.4	65.5
4-Bromophenyl phenyl ether	80.0	80.0	83.6	83.4

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Laboratory Control/ Laboratory Duplicate Data Report - Batch: 460-298867

Method: 8270D
Preparation: 3510C

LCS Lab Sample ID: LCS 460-298867/2-A Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 05/18/2015 0846
Prep Date: 05/15/2015 1118
Leach Date: N/A

LCSD Lab Sample ID: LCSD 460-298867/3-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 05/18/2015 0914
Prep Date: 05/15/2015 1118
Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Hexachlorobenzene	80.0	80.0	83.2	84.2
Phenanthrene	80.0	80.0	75.8	77.4
Anthracene	80.0	80.0	75.1	76.0
Carbazole	80.0	80.0	66.3	70.1
Di-n-butyl phthalate	80.0	80.0	65.3	69.5
Fluoranthene	80.0	80.0	64.3	67.6
Pyrene	80.0	80.0	107 *	115 *
Butyl benzyl phthalate	80.0	80.0	74.4	80.9
3,3'-Dichlorobenzidine	80.0	80.0	60.8	59.7
Benzo[a]anthracene	80.0	80.0	77.5	80.5
Chrysene	80.0	80.0	74.9	78.0
Bis(2-ethylhexyl) phthalate	80.0	80.0	73.4	79.1
Di-n-octyl phthalate	80.0	80.0	79.0	91.4
Benzo[b]fluoranthene	80.0	80.0	84.7	89.8 *
Benzo[k]fluoranthene	80.0	80.0	79.6	84.9
Benzo[a]pyrene	80.0	80.0	82.2 *	83.8 *
Indeno[1,2,3-cd]pyrene	80.0	80.0	102 *	95.1
Dibenz(a,h)anthracene	80.0	80.0	102 *	95.4
Benzo[g,h,i]perylene	80.0	80.0	106	99.0
2,2'-oxybis[1-chloropropane]	80.0	80.0	59.4	63.3
2,3,4,6-Tetrachlorophenol	80.0	80.0	79.4	85.2

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Method Blank - Batch: 460-299749

Method: 8270D

Preparation: 3510C

Lab Sample ID: MB 460-299749/1-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 05/21/2015 1527
Prep Date: 05/20/2015 1124
Leach Date: N/A

Analysis Batch: 460-299934
Prep Batch: 460-299749
Leach Batch: N/A
Units: ug/L

Instrument ID: CBNAMS14
Lab File ID: N6040.D
Initial Weight/Volume: 250 mL
Final Weight/Volume: 2 mL
Injection Volume: 5 uL

Analyte	Result	Qual	MDL	RL
Phenol	10	U	0.60	10
2-Chlorophenol	10	U	0.93	10
2-Methylphenol	10	U	1.4	10
4-Methylphenol	10	U	1.0	10
2-Nitrophenol	10	U	0.68	10
2,4-Dimethylphenol	10	U	1.2	10
2,4-Dichlorophenol	10	U	1.1	10
4-Chloro-3-methylphenol	10	U	1.1	10
2,4,6-Trichlorophenol	10	U	1.4	10
2,4,5-Trichlorophenol	10	U	2.2	10
2,4-Dinitrophenol	20	U	2.0	20
4-Nitrophenol	20	U	2.0	20
4,6-Dinitro-2-methylphenol	20	U	3.0	20
Pentachlorophenol	20	U	2.7	20
Bis(2-chloroethyl)ether	1.0	U	0.30	1.0
N-Nitrosodi-n-propylamine	1.0	U	0.27	1.0
Hexachloroethane	1.0	U	0.15	1.0
Nitrobenzene	1.0	U	0.34	1.0
Isophorone	10	U	1.3	10
Bis(2-chloroethoxy)methane	10	U	1.0	10
Naphthalene	10	U	2.0	10
4-Chloroaniline	10	U	0.32	10
Hexachlorobutadiene	1.0	U	0.68	1.0
2-Methylnaphthalene	10	U	1.5	10
Hexachlorocyclopentadiene	10	U	1.5	10
2-Chloronaphthalene	10	U	1.3	10
2-Nitroaniline	10	U	2.0	10
Dimethyl phthalate	10	U	1.1	10
Acenaphthylene	10	U	1.8	10
2,6-Dinitrotoluene	2.0	U	0.27	2.0
3-Nitroaniline	10	U	2.9	10
Acenaphthene	10	U	1.1	10
Dibenzofuran	10	U	1.5	10
2,4-Dinitrotoluene	2.0	U	0.28	2.0
Diethyl phthalate	10	U	1.4	10
4-Chlorophenyl phenyl ether	10	U	1.5	10
Fluorene	10	U	1.7	10
4-Nitroaniline	10	U	2.9	10
N-Nitrosodiphenylamine	10	U	1.0	10
4-Bromophenyl phenyl ether	10	U	1.1	10
Hexachlorobenzene	1.0	U	0.20	1.0
Phenanthrene	10	U	1.2	10
Anthracene	10	U	0.85	10
Carbazole	10	U	1.2	10
Di-n-butyl phthalate	10	U	1.0	10

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Method Blank - Batch: 460-299749

Method: 8270D Preparation: 3510C

Lab Sample ID: MB 460-299749/1-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 05/21/2015 1527
Prep Date: 05/20/2015 1124
Leach Date: N/A

Analysis Batch: 460-299934
Prep Batch: 460-299749
Leach Batch: N/A
Units: ug/L

Instrument ID: CBNAMS14
Lab File ID: N6040.D
Initial Weight/Volume: 250 mL
Final Weight/Volume: 2 mL
Injection Volume: 5 uL

Analyte	Result	Qual	MDL	RL
Fluoranthene	10	U	1.1	10
Pyrene	10	U	1.1	10
Butyl benzyl phthalate	10	U	1.4	10
3,3'-Dichlorobenzidine	10	U	3.2	10
Benzo[a]anthracene	1.0	U	0.18	1.0
Chrysene	2.0	U	1.4	2.0
Bis(2-ethylhexyl) phthalate	2.0	U	0.81	2.0
Di-n-octyl phthalate	10	U	0.88	10
Benzo[b]fluoranthene	1.0	U	0.21	1.0
Benzo[k]fluoranthene	1.0	U	0.14	1.0
Benzo[a]pyrene	1.0	U	0.14	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.11	1.0
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
Benzo[g,h,i]perylene	10	U	0.93	10
1,1'-Biphenyl	10	U	1.8	10
Acetophenone	10	U	0.89	10
Benzaldehyde	10	U	2.1	10
Caprolactam	10	U	0.91	10
Atrazine	2.0	U	1.0	2.0
2,2'-oxybis[1-chloropropane]	10	U	1.3	10
1,2,4,5-Tetrachlorobenzene	10	U	1.8	10
2,3,4,6-Tetrachlorophenol	10	U	0.89	10

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	90	60 - 114
Phenol-d5	39	4 - 86
Terphenyl-d14	82	72 - 130
2,4,6-Tribromophenol	76	51 - 126
2-Fluorophenol	59	15 - 96
2-Fluorobiphenyl	94	50 - 120

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Lab Control Sample/

Lab Control Sample Duplicate Recovery Report - Batch: 460-299749

Method: 8270D

Preparation: 3510C

LCS Lab Sample ID: LCS 460-299749/2-A
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 05/21/2015 0514
 Prep Date: 05/20/2015 1124
 Leach Date: N/A

Analysis Batch: 460-299934
 Prep Batch: 460-299749
 Leach Batch: N/A
 Units: ug/L

Instrument ID: CBNAMS14
 Lab File ID: N6015.D
 Initial Weight/Volume: 250 mL
 Final Weight/Volume: 2 mL
 Injection Volume: 5 uL

LCSD Lab Sample ID: LCSD 460-299749/3-A
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 05/21/2015 0538
 Prep Date: 05/20/2015 1124
 Leach Date: N/A

Analysis Batch: 460-299934
 Prep Batch: 460-299749
 Leach Batch: N/A
 Units: ug/L

Instrument ID: CBNAMS14
 Lab File ID: N6016.D
 Initial Weight/Volume: 250 mL
 Final Weight/Volume: 2 mL
 Injection Volume: 5 uL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Phenol	23	23	12 - 44	2	30		
2-Chlorophenol	57	58	53 - 101	1	30		
2-Methylphenol	48	49	40 - 90	2	30		
4-Methylphenol	42	43	30 - 75	2	30		
2-Nitrophenol	69	69	65 - 107	0	30		
2,4-Dimethylphenol	63	64	55 - 100	2	30		
2,4-Dichlorophenol	68	67	64 - 107	2	30		
4-Chloro-3-methylphenol	59	58	57 - 106	2	30		
2,4,6-Trichlorophenol	77	78	67 - 111	2	30		
2,4,5-Trichlorophenol	76	75	67 - 114	0	30		
2,4-Dinitrophenol	72	66	19 - 113	8	30		
4-Nitrophenol	30	29	10 - 44	2	30		
4,6-Dinitro-2-methylphenol	80	79	58 - 115	1	30		
Pentachlorophenol	72	68	55 - 116	6	30		
Bis(2-chloroethyl)ether	67	68	62 - 108	2	30		
N-Nitrosodi-n-propylamine	67	67	70 - 109	0	30	*	*
Hexachloroethane	56	55	50 - 99	2	30		
Nitrobenzene	68	69	66 - 106	1	30		
Isophorone	70	68	68 - 108	4	30		
Bis(2-chloroethoxy)methane	72	70	69 - 108	2	30		
Naphthalene	66	65	63 - 101	1	30		
4-Chloroaniline	65	65	58 - 105	0	30		
Hexachlorobutadiene	62	63	52 - 99	1	30		
2-Methylnaphthalene	68	67	66 - 102	1	30		
Hexachlorocyclopentadiene	75	81	40 - 105	8	30		
2-Chloronaphthalene	76	77	65 - 107	2	30		
2-Nitroaniline	78	81	73 - 116	4	30		
Dimethyl phthalate	83	82	69 - 111	1	30		
Acenaphthylene	81	83	67 - 107	2	30		
2,6-Dinitrotoluene	87	86	68 - 114	2	30		
3-Nitroaniline	77	76	59 - 108	1	30		
Acenaphthene	76	78	66 - 108	3	30		
Dibenzofuran	79	80	68 - 105	0	30		
2,4-Dinitrotoluene	95	93	65 - 113	2	30		
Diethyl phthalate	85	83	66 - 109	2	30		
4-Chlorophenyl phenyl ether	81	82	68 - 105	2	30		

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Lab Control Sample/

Lab Control Sample Duplicate Recovery Report - Batch: 460-299749

Method: 8270D

Preparation: 3510C

LCS Lab Sample ID: LCS 460-299749/2-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 05/21/2015 0514
Prep Date: 05/20/2015 1124
Leach Date: N/A

Analysis Batch: 460-299934
Prep Batch: 460-299749
Leach Batch: N/A
Units: ug/L

Instrument ID: CBNAMS14
Lab File ID: N6015.D
Initial Weight/Volume: 250 mL
Final Weight/Volume: 2 mL
Injection Volume: 5 uL

LCSD Lab Sample ID: LCSD 460-299749/3-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 05/21/2015 0538
Prep Date: 05/20/2015 1124
Leach Date: N/A

Analysis Batch: 460-299934
Prep Batch: 460-299749
Leach Batch: N/A
Units: ug/L

Instrument ID: CBNAMS14
Lab File ID: N6016.D
Initial Weight/Volume: 250 mL
Final Weight/Volume: 2 mL
Injection Volume: 5 uL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Fluorene	83	84	68 - 105	1	30		
4-Nitroaniline	80	83	49 - 119	4	30		
4-Bromophenyl phenyl ether	74	71	66 - 110	4	30		
Hexachlorobenzene	75	76	65 - 107	2	30		
Phenanthrene	74	74	68 - 110	1	30		
Anthracene	74	73	68 - 108	2	30		
Carbazole	74	74	67 - 110	0	30		
Di-n-butyl phthalate	72	72	68 - 111	0	30		
Fluoranthene	72	73	68 - 108	1	30		
Pyrene	71	66	61 - 110	8	30		
Butyl benzyl phthalate	72	67	66 - 115	7	30		
3,3'-Dichlorobenzidine	77	78	69 - 129	0	30		
Benzo[a]anthracene	70	68	65 - 106	3	30		
Chrysene	72	72	68 - 112	1	30		
Bis(2-ethylhexyl) phthalate	76	73	66 - 114	4	30		
Di-n-octyl phthalate	71	69	51 - 115	2	30		
Benzo[b]fluoranthene	71	75	65 - 111	6	30		
Benzo[k]fluoranthene	80	78	66 - 114	2	30		
Benzo[a]pyrene	77	79	58 - 101	2	30		
Indeno[1,2,3-cd]pyrene	77	79	68 - 121	2	30		
Dibenz(a,h)anthracene	82	85	67 - 124	3	30		
Benzo[g,h,i]perylene	80	82	65 - 134	2	30		
2,2'-oxybis[1-chloropropane]	65	65	68 - 107	0	30	*	*
2,3,4,6-Tetrachlorophenol	83	81	70 - 130	2	30		

Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits	
Nitrobenzene-d5	66		65		60 - 114	
Phenol-d5	18		19		4 - 86	
Terphenyl-d14	68	*	62	*	72 - 130	
2,4,6-Tribromophenol	78		75		51 - 126	
2-Fluorophenol	31		32		15 - 96	
2-Fluorobiphenyl	70		71		50 - 120	

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Nitrobenzene-d5	75	69	60 - 114
Phenol-d5	24	19	4 - 86
Terphenyl-d14	74	72	72 - 130
2,4,6-Tribromophenol	71	73	51 - 126
2-Fluorophenol	37	31	15 - 96
2-Fluorobiphenyl	76	72	50 - 120

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Laboratory Control/ Laboratory Duplicate Data Report - Batch: 460-299749

Method: 8270D
Preparation: 3510C

LCS Lab Sample ID: LCS 460-299749/2-A Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 05/21/2015 0514
Prep Date: 05/20/2015 1124
Leach Date: N/A

LCSD Lab Sample ID: LCSD 460-299749/3-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 05/21/2015 0538
Prep Date: 05/20/2015 1124
Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Phenol	80.0	80.0	18.3	18.6
2-Chlorophenol	80.0	80.0	45.9	46.5
2-Methylphenol	80.0	80.0	38.3	39.1
4-Methylphenol	80.0	80.0	33.8	34.4
2-Nitrophenol	80.0	80.0	55.4	55.5
2,4-Dimethylphenol	80.0	80.0	50.4	51.2
2,4-Dichlorophenol	80.0	80.0	54.2	53.3
4-Chloro-3-methylphenol	80.0	80.0	47.3	46.4
2,4,6-Trichlorophenol	80.0	80.0	61.7	62.8
2,4,5-Trichlorophenol	80.0	80.0	60.5	60.4
2,4-Dinitrophenol	160	160	115	106
4-Nitrophenol	160	160	47.5	46.5
4,6-Dinitro-2-methylphenol	160	160	127	126
Pentachlorophenol	160	160	115	108
Bis(2-chloroethyl)ether	80.0	80.0	53.6	54.5
N-Nitrosodi-n-propylamine	80.0	80.0	53.6 *	53.8 *
Hexachloroethane	80.0	80.0	45.2	44.3
Nitrobenzene	80.0	80.0	54.5	55.1
Isophorone	80.0	80.0	56.1	54.1
Bis(2-chloroethoxy)methane	80.0	80.0	57.3	56.3
Naphthalene	80.0	80.0	52.8	52.2
4-Chloroaniline	80.0	80.0	51.9	52.1
Hexachlorobutadiene	80.0	80.0	49.9	50.2
2-Methylnaphthalene	80.0	80.0	54.2	53.6
Hexachlorocyclopentadiene	80.0	80.0	60.0	64.7
2-Chloronaphthalene	80.0	80.0	60.6	62.0
2-Nitroaniline	80.0	80.0	62.7	65.0
Dimethyl phthalate	80.0	80.0	66.2	65.7
Acenaphthylene	80.0	80.0	64.6	66.2
2,6-Dinitrotoluene	80.0	80.0	69.8	68.6
3-Nitroaniline	80.0	80.0	61.3	60.5
Acenaphthene	80.0	80.0	60.9	62.6
Dibenzofuran	80.0	80.0	63.6	63.8
2,4-Dinitrotoluene	80.0	80.0	75.8	74.5
Diethyl phthalate	80.0	80.0	67.8	66.2
4-Chlorophenyl phenyl ether	80.0	80.0	64.5	66.0
Fluorene	80.0	80.0	66.1	66.8
4-Nitroaniline	80.0	80.0	64.2	66.7
4-Bromophenyl phenyl ether	80.0	80.0	59.4	57.1

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Laboratory Control/ Laboratory Duplicate Data Report - Batch: 460-299749

Method: 8270D
Preparation: 3510C

LCS Lab Sample ID: LCS 460-299749/2-A Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 05/21/2015 0514
Prep Date: 05/20/2015 1124
Leach Date: N/A

LCSD Lab Sample ID: LCSD 460-299749/3-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 05/21/2015 0538
Prep Date: 05/20/2015 1124
Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Hexachlorobenzene	80.0	80.0	59.9	60.9
Phenanthrene	80.0	80.0	59.5	58.8
Anthracene	80.0	80.0	59.5	58.1
Carbazole	80.0	80.0	59.0	59.3
Di-n-butyl phthalate	80.0	80.0	57.9	57.6
Fluoranthene	80.0	80.0	57.9	58.7
Pyrene	80.0	80.0	57.0	52.6
Butyl benzyl phthalate	80.0	80.0	57.5	53.7
3,3'-Dichlorobenzidine	80.0	80.0	61.9	62.0
Benzo[a]anthracene	80.0	80.0	56.3	54.6
Chrysene	80.0	80.0	57.7	57.2
Bis(2-ethylhexyl) phthalate	80.0	80.0	60.9	58.3
Di-n-octyl phthalate	80.0	80.0	56.4	55.1
Benzo[b]fluoranthene	80.0	80.0	56.4	60.2
Benzo[k]fluoranthene	80.0	80.0	63.7	62.6
Benzo[a]pyrene	80.0	80.0	61.5	62.9
Indeno[1,2,3-cd]pyrene	80.0	80.0	61.6	63.0
Dibenz(a,h)anthracene	80.0	80.0	65.5	67.8
Benzo[g,h,i]perylene	80.0	80.0	64.2	65.5
2,2'-oxybis[1-chloropropane]	80.0	80.0	51.8 *	52.0 *
2,3,4,6-Tetrachlorophenol	80.0	80.0	66.3	64.9

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Method Blank - Batch: 460-298769

Method: 300.0
Preparation: N/A

Lab Sample ID:	MB 460-298769/7	Analysis Batch:	460-298769	Instrument ID:	IC B
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	y5150701.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	05/15/2015 0701	Units:	mg/L	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	10 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Fluoride	0.080	U	0.015	0.080
Chloride	0.12	U	0.030	0.12
Sulfate	0.60	U	0.11	0.60

Lab Control Sample/

Method: 300.0
Preparation: N/A

Lab Control Sample Duplicate Recovery Report - Batch: 460-298769

LCS Lab Sample ID:	LCS 460-298769/8	Analysis Batch:	460-298769	Instrument ID:	IC B
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	y5150725.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	05/15/2015 0725	Units:	mg/L	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	10 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-298769/9	Analysis Batch:	460-298769	Instrument ID:	IC B
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	y5150750.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	05/15/2015 0750	Units:	mg/L	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	10 uL
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Fluoride	106	105	90 - 110	0	15		
Chloride	101	100	90 - 110	1	15		
Sulfate	101	100	90 - 110	1	15		

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Laboratory Control/ Laboratory Duplicate Data Report - Batch: 460-298769

Method: 300.0
Preparation: N/A

LCS Lab Sample ID: LCS 460-298769/8
Client Matrix: Water
Dilution: 1.0
Analysis Date: 05/15/2015 0725
Prep Date: N/A
Leach Date: N/A

Units: mg/L

LCSD Lab Sample ID: LCSD 460-298769/9
Client Matrix: Water
Dilution: 1.0
Analysis Date: 05/15/2015 0750
Prep Date: N/A
Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Fluoride	1.00	1.00	1.058	1.053
Chloride	1.50	1.50	1.515	1.497
Sulfate	7.50	7.50	7.612	7.533

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-298769

Method: 300.0
Preparation: N/A

MS Lab Sample ID: 460-94855-5
Client Matrix: Water
Dilution: 50
Analysis Date: 05/15/2015 1157
Prep Date: N/A
Leach Date: N/A

Analysis Batch: 460-298769
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: IC B
Lab File ID: ya51511157.d
Initial Weight/Volume: 10 mL
Final Weight/Volume:
Injection Volume: 10 uL

MSD Lab Sample ID: 460-94855-5
Client Matrix: Water
Dilution: 50
Analysis Date: 05/15/2015 1222
Prep Date: N/A
Leach Date: N/A

Analysis Batch: 460-298769
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: IC B
Lab File ID: ya5151222.d
Initial Weight/Volume: 10 mL
Final Weight/Volume:
Injection Volume: 10 uL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Sulfate	99	99	90 - 110	0	15		
Fluoride	103	105	90 - 110	2	15		
Chloride	119	115	90 - 110	1	15	*	*

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-298769

Method: 300.0
Preparation: N/A

MS Lab Sample ID: 460-94855-5 Units: mg/L
Client Matrix: Water
Dilution: 50
Analysis Date: 05/15/2015 1157
Prep Date: N/A
Leach Date: N/A

MSD Lab Sample ID: 460-94855-5
Client Matrix: Water
Dilution: 50
Analysis Date: 05/15/2015 1222
Prep Date: N/A
Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Sulfate	46.9	375	375	418.5	418.2
Fluoride	4.00 U	50.0	50.0	51.40	52.45
Chloride	125	75.0	75.0	213.9 *	211.5 *

Method Duplicate - Batch: 460-298769

Method: 300.0
Preparation: N/A

Lab Sample ID: 460-94855-5
Client Matrix: Water
Dilution: 50
Analysis Date: 05/15/2015 1132
Prep Date: N/A
Leach Date: N/A

Analysis Batch: 460-298769
Prep Batch: N/A
Leach Batch: N/A
Units: mg/L

Instrument ID: IC B
Lab File ID: ya5151132.d
Initial Weight/Volume: 10 mL
Final Weight/Volume:
Injection Volume: 10 uL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Fluoride	4.00 U	2.040	NC	15	J
Chloride	125	124.6	0.3	15	
Sulfate	46.9	47.27	0.7	15	

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Method Blank - Batch: 460-300521

Method: 6010C
Preparation: 3010A

Lab Sample ID:	MB 460-300521/1-A	Analysis Batch:	460-300654	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-300521	Lab File ID:	05232015.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	05/23/2015 2025	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	05/22/2015 1927				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Arsenic	15.0	U	4.4	15.0
Barium	200	U	5.5	200
Cadmium	4.0	U	2.3	4.0
Chromium	10.0	U	4.5	10.0
Iron	150	U	65.4	150
Manganese	15.0	U	4.9	15.0
Lead	10.0	U	4.2	10.0
Antimony	20.0	U	4.7	20.0
Selenium	20.0	U	6.8	20.0

Lab Control Sample - Batch: 460-300521

Method: 6010C
Preparation: 3010A

Lab Sample ID:	LCS 460-300521/2-A	Analysis Batch:	460-300654	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-300521	Lab File ID:	05232015.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	05/23/2015 2029	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	05/22/2015 1927				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	2000	2087	104	80 - 120	
Barium	2000	2173	109	80 - 120	
Cadmium	50.0	54.71	109	80 - 120	
Chromium	200	222.5	111	80 - 120	
Iron	1000	1105	111	80 - 120	
Manganese	500	549.4	110	80 - 120	
Lead	500	563.4	113	80 - 120	
Antimony	500	498.9	100	80 - 120	
Selenium	2000	2104	105	80 - 120	

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Matrix Spike - Batch: 460-300521

Method: 6010C
Preparation: 3010A

Lab Sample ID:	460-94855-1	Analysis Batch:	460-300654	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-300521	Lab File ID:	05232015.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	05/23/2015 2044	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	05/22/2015 1927				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	15.0	U	2000	2086	104	75 - 125	
Barium	89.3	J	2000	2192	105	75 - 125	
Cadmium	4.0	U	50.0	52.98	106	75 - 125	
Chromium	10.0	U	200	215.5	108	75 - 125	
Iron	1630		1000	2663	103	75 - 125	
Manganese	423		500	941.9	104	75 - 125	
Lead	10.0	U	500	538.4	108	75 - 125	
Antimony	20.0	U	500	491.0	98	75 - 125	
Selenium	20.0	U	2000	2075	104	75 - 125	

Post Digestion Spike - Batch: 460-300521

Method: 6010C
Preparation: 3010A

Lab Sample ID:	460-94855-1	Analysis Batch:	460-300654	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-300521	Lab File ID:	05232015.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	05/23/2015 2048	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	05/22/2015 1927				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	15.0	U	2000	1982	99	80 - 120	
Barium	89.3	J	2000	2107	101	80 - 120	
Cadmium	4.0	U	50.0	51.21	102	80 - 120	
Chromium	10.0	U	200	207.2	104	80 - 120	
Iron	1630		1000	2635	100	80 - 120	
Manganese	423		500	924.5	100	80 - 120	
Lead	10.0	U	500	517.6	104	80 - 120	
Antimony	20.0	U	500	463.5	93	80 - 120	
Selenium	20.0	U	2000	1991	100	80 - 120	

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Duplicate - Batch: 460-300521

Method: 6010C
Preparation: 3010A

Lab Sample ID: 460-94855-1	Analysis Batch: 460-300654	Instrument ID: ICP5
Client Matrix: Water	Prep Batch: 460-300521	Lab File ID: 05232015.asc
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 100 mL
Analysis Date: 05/23/2015 2033	Units: ug/L	Final Weight/Volume: 100 mL
Prep Date: 05/22/2015 1927		
Leach Date: N/A		

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Arsenic	15.0	U	15.0	NC	20	U
Barium	89.3	J	87.06	3	20	J
Cadmium	4.0	U	4.0	NC	20	U
Chromium	10.0	U	10.0	NC	20	U
Iron	1630		1592	3	20	
Manganese	423		412.7	2	20	
Lead	10.0	U	10.0	NC	20	U
Antimony	20.0	U	20.0	NC	20	U
Selenium	20.0	U	20.0	NC	20	U

Serial Dilution - Batch: 460-300521

Method: 6010C
Preparation: 3010A

Lab Sample ID: 460-94855-1	Analysis Batch: 460-300654	Instrument ID: ICP5
Client Matrix: Water	Prep Batch: 460-300521	Lab File ID: 05232015.asc
Dilution: 5.0	Leach Batch: N/A	Initial Weight/Volume: 100 mL
Analysis Date: 05/23/2015 2040	Units: ug/L	Final Weight/Volume: 100 mL
Prep Date: 05/22/2015 1927		
Leach Date: N/A		

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Arsenic	15.0	U	75.0	NC	10	U
Barium	89.3	J	89.25	NC	10	J
Cadmium	4.0	U	20.0	NC	10	U
Chromium	10.0	U	50.0	NC	10	U
Iron	1630		1716	NC	10	
Manganese	423		436.3	3.2	10	
Lead	10.0	U	50.0	NC	10	U
Antimony	20.0	U	100	NC	10	U
Selenium	20.0	U	100	NC	10	U

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Method Blank - Batch: 680-383817

Method: 351.2 Preparation: Digestion

Lab Sample ID:	MB 680-383817/1-A	Analysis Batch:	680-383986	Instrument ID:	LACHAT3
Client Matrix:	Water	Prep Batch:	680-383817	Lab File ID:	OM_5-20-2015_09-30-4
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	40 mL
Analysis Date:	05/20/2015 0944	Units:	mg/L	Final Weight/Volume:	40 mL
Prep Date:	05/19/2015 1007				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Nitrogen, Kjeldahl	0.20	U	0.10	0.20

Lab Control Sample - Batch: 680-383817

Method: 351.2 Preparation: Digestion

Lab Sample ID:	LCS 680-383817/2-A	Analysis Batch:	680-383986	Instrument ID:	LACHAT3
Client Matrix:	Water	Prep Batch:	680-383817	Lab File ID:	OM_5-20-2015_09-30-4
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	40 mL
Analysis Date:	05/20/2015 0946	Units:	mg/L	Final Weight/Volume:	40 mL
Prep Date:	05/19/2015 1007				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrogen, Kjeldahl	2.00	2.12	106	75 - 125	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 680-383817

Method: 351.2 Preparation: Digestion

MS Lab Sample ID:	460-94855-5	Analysis Batch:	680-383986	Instrument ID:	LACHAT3
Client Matrix:	Water	Prep Batch:	680-383817	Lab File ID:	OM_5-20-2015_09-30-4
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	05/20/2015 0948			Final Weight/Volume:	20 mL
Prep Date:	05/19/2015 1007				
Leach Date:	N/A				

MSD Lab Sample ID:	460-94855-5	Analysis Batch:	680-383986	Instrument ID:	LACHAT3
Client Matrix:	Water	Prep Batch:	680-383817	Lab File ID:	OM_5-20-2015_09-30-4
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	05/20/2015 0949			Final Weight/Volume:	20 mL
Prep Date:	05/19/2015 1007				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Nitrogen, Kjeldahl	106	108	75 - 125	2	40		

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 680-383817

Method: 351.2
Preparation: Digestion

MS Lab Sample ID: 460-94855-5 Units: mg/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 05/20/2015 0948
Prep Date: 05/19/2015 1007
Leach Date: N/A

MSD Lab Sample ID: 460-94855-5
Client Matrix: Water
Dilution: 1.0
Analysis Date: 05/20/2015 0949
Prep Date: 05/19/2015 1007
Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Nitrogen, Kjeldahl	0.21	2.00	2.00	2.34	2.38

Duplicate - Batch: 680-383817

Method: 351.2
Preparation: Digestion

Lab Sample ID: 640-51182-M-2-B DU
Client Matrix: Water
Dilution: 1.0
Analysis Date: 05/20/2015 0954
Prep Date: 05/19/2015 1007
Leach Date: N/A

Analysis Batch: 680-383986
Prep Batch: 680-383817
Leach Batch: N/A
Units: mg/L

Instrument ID: LACHAT3
Lab File ID: OM_5-20-2015_09-30-4
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Nitrogen, Kjeldahl	0.20 U	0.20	NC	40	U

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Method Blank - Batch: 460-298737

Method: 7196A
Preparation: N/A

Lab Sample ID:	MB 460-298737/9	Analysis Batch:	460-298737	Instrument ID:	WetHexSpec
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	05/15/2015 0229	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Cr (VI)	10.0	U	4.9	10.0

LCS-Certified Reference Material - Batch: 460-298737

Method: 7196A
Preparation: N/A

Lab Sample ID:	LCSSRM 460-298737/10	Analysis Batch:	460-298737	Instrument ID:	WetHexSpec
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	05/15/2015 0229	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cr (VI)	73.8	76.08	103.1	87.3 - 110.2	

Matrix Spike - Batch: 460-298737

Method: 7196A
Preparation: N/A

Lab Sample ID:	460-94855-5	Analysis Batch:	460-298737	Instrument ID:	WetHexSpec
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	05/15/2015 0229	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Cr (VI)	10.0 U	30.0	27.06	90	85 - 115	

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Duplicate - Batch: 460-298737

Method: 7196A
Preparation: N/A

Lab Sample ID: 460-94855-5
Client Matrix: Water
Dilution: 1.0
Analysis Date: 05/15/2015 0229
Prep Date: N/A
Leach Date: N/A

Analysis Batch: 460-298737
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: WetHexSpec
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Cr (VI)	10.0	U	10.0	NC	20	U

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Method Blank - Batch: 460-300379

Method: 9060A
Preparation: N/A

Lab Sample ID:	MB 460-300379/3	Analysis Batch:	460-300379	Instrument ID:	TOC_Shimadzu3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	150521.txt
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	05/21/2015 1333	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Total Organic Carbon	1.0	U	0.14	1.0

LCS-Certified Reference Material - Batch: 460-300379

Method: 9060A
Preparation: N/A

Lab Sample ID:	LCSSRM 460-300379/4	Analysis Batch:	460-300379	Instrument ID:	TOC_Shimadzu3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	150521.txt
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	05/21/2015 1358	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Organic Carbon	77.6	78.10	100.6	87.8 - 112.0	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-300379

Method: 9060A
Preparation: N/A

MS Lab Sample ID:	460-94855-10	Analysis Batch:	460-300379	Instrument ID:	TOC_Shimadzu3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	150521.txt
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	05/21/2015 1556			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

MSD Lab Sample ID:	460-94855-10	Analysis Batch:	460-300379	Instrument ID:	TOC_Shimadzu3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	150521.txt
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	05/21/2015 1624			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Total Organic Carbon	104	104	90 - 110	0	10		

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-300379**

**Method: 9060A
Preparation: N/A**

MS Lab Sample ID: 460-94855-10 Units: mg/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 05/21/2015 1556
Prep Date: N/A
Leach Date: N/A

MSD Lab Sample ID: 460-94855-10
Client Matrix: Water
Dilution: 1.0
Analysis Date: 05/21/2015 1624
Prep Date: N/A
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Total Organic Carbon	0.93	J	50.0	50.0	52.94	52.86

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Method Blank - Batch: 460-298874

Method: SM 2540C
Preparation: N/A

Lab Sample ID:	MB 460-298874/1	Analysis Batch:	460-298874	Instrument ID:	No Equipment Assigned
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	05/15/2015 1222	Units:	mg/L	Final Weight/Volume:	100 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Total Dissolved Solids	10.0	U	10.0	10.0

LCS-Certified Reference Material - Batch: 460-298874

Method: SM 2540C
Preparation: N/A

Lab Sample ID:	LCSSRM 460-298874/2	Analysis Batch:	460-298874	Instrument ID:	No Equipment Assigned
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/15/2015 1222	Units:	mg/L	Final Weight/Volume:	100 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Dissolved Solids	335	366.0	109.3	84.5 - 109.9	

Duplicate - Batch: 460-298874

Method: SM 2540C
Preparation: N/A

Lab Sample ID:	460-94785-D-1 DU	Analysis Batch:	460-298874	Instrument ID:	No Equipment Assigned
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/15/2015 1222	Units:	mg/L	Final Weight/Volume:	100 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Dissolved Solids	872	874.0	0.2	5	

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Method Blank - Batch: 460-299215

Method: SM 2540D

Preparation: N/A

Lab Sample ID:	MB 460-299215/1	Analysis Batch:	460-299215	Instrument ID:	No Equipment Assigned
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	05/18/2015 0900	Units:	mg/L	Final Weight/Volume:	100 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Total Suspended Solids	1.0	U	1.0	1.0

LCS-Certified Reference Material - Batch: 460-299215

Method: SM 2540D

Preparation: N/A

Lab Sample ID:	LCSSRM 460-299215/2	Analysis Batch:	460-299215	Instrument ID:	No Equipment Assigned
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/18/2015 0900	Units:	mg/L	Final Weight/Volume:	100 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Suspended Solids	55.2	56.00	101.4	82.8 - 107.1	

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Duplicate - Batch: 460-299215

Method: SM 2540D

Preparation: N/A

Lab Sample ID:	460-94874-A-1 DU	Analysis Batch:	460-299215	Instrument ID:	No Equipment Assigned
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	25 mL
Analysis Date:	05/18/2015 0900	Units:	mg/L	Final Weight/Volume:	100 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Suspended Solids	412	420.0	2	5	

Duplicate - Batch: 460-299215

Method: SM 2540D

Preparation: N/A

Lab Sample ID:	460-94874-A-5 DU	Analysis Batch:	460-299215	Instrument ID:	No Equipment Assigned
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/18/2015 1320	Units:	mg/L	Final Weight/Volume:	100 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Suspended Solids	130	130.0	0	5	

DATA REPORTING QUALIFIERS

Client: New York State D.E.C.

Job Number: 460-94855-1

Lab Section	Qualifier	Description
GC/MS VOA	U	Analyzed for but not detected.
	J	Indicates an estimated value.
GC/MS Semi VOA	U	Analyzed for but not detected.
	*	LCS or LCSD is outside acceptance limits.
	*	Surrogate is outside acceptance limits.
HPLC/IC	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	MS or MSD is outside acceptance limits.
Metals	U	Indicates analyzed for but not detected.
	J	Sample result is greater than the MDL but below the CRDL
General Chemistry	U	Indicates analyzed for but not detected.
	J	Sample result is greater than the MDL but below the CRDL

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-300464					
LCS 460-300464/3	Lab Control Sample	T	Water	8260C	
MB 460-300464/7	Method Blank	T	Water	8260C	
460-94855-1	EX1-CP-00-051415	T	Water	8260C	
460-94855-1MS	Matrix Spike	T	Water	8260C	
460-94855-1MSD	Matrix Spike Duplicate	T	Water	8260C	
460-94855-2	EX1-CP-01-051415	T	Water	8260C	
460-94855-3	EX2-CP-00-051415	T	Water	8260C	
460-94855-4	EX3-CP-00-051415	T	Water	8260C	
460-94855-5	PD09-CP-00-051415	T	Water	8260C	
460-94855-7	PW02-CP-00-051415	T	Water	8260C	
460-94855-9	PW06-CP-00-051415	T	Water	8260C	
460-94855-10	PW07B-CP-00-051415	T	Water	8260C	
460-94855-12TB	TB-CP-QC-051415	T	Water	8260C	

Report Basis

T = Total

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-298867					
LCS 460-298867/2-A	Lab Control Sample	T	Water	3510C	
LCS 460-298867/4-A	Lab Control Sample	T	Water	3510C	
LCSD 460-298867/3-A	Lab Control Sample Duplicate	T	Water	3510C	
LCSD 460-298867/5-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-298867/1-A	Method Blank	T	Water	3510C	
460-94855-5	PD09-CP-00-051415	T	Water	3510C	
460-94855-6	PD09-CP-01-051415	T	Water	3510C	
460-94855-9	PW06-CP-00-051415	T	Water	3510C	
Analysis Batch:460-299127					
LCS 460-298867/2-A	Lab Control Sample	T	Water	8270D	460-298867
LCSD 460-298867/3-A	Lab Control Sample Duplicate	T	Water	8270D	460-298867
MB 460-298867/1-A	Method Blank	T	Water	8270D	460-298867
Prep Batch: 460-299749					
LCS 460-299749/2-A	Lab Control Sample	T	Water	3510C	
LCS 460-299749/4-A	Lab Control Sample	T	Water	3510C	
LCSD 460-299749/3-A	Lab Control Sample Duplicate	T	Water	3510C	
LCSD 460-299749/5-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-299749/1-A	Method Blank	T	Water	3510C	
460-94855-10	PW07B-CP-00-051415	T	Water	3510C	
Analysis Batch:460-299934					
LCS 460-299749/2-A	Lab Control Sample	T	Water	8270D	460-299749
LCS 460-299749/4-A	Lab Control Sample	T	Water	8270D	460-299749
LCSD 460-299749/3-A	Lab Control Sample Duplicate	T	Water	8270D	460-299749
LCSD 460-299749/5-A	Lab Control Sample Duplicate	T	Water	8270D	460-299749
MB 460-299749/1-A	Method Blank	T	Water	8270D	460-299749
Analysis Batch:460-300593					
LCS 460-298867/4-A	Lab Control Sample	T	Water	8270D	460-298867
LCSD 460-298867/5-A	Lab Control Sample Duplicate	T	Water	8270D	460-298867
Analysis Batch:460-300699					
460-94855-5	PD09-CP-00-051415	T	Water	8270D	460-298867
460-94855-6	PD09-CP-01-051415	T	Water	8270D	460-298867
460-94855-9	PW06-CP-00-051415	T	Water	8270D	460-298867
Analysis Batch:460-300751					
460-94855-10	PW07B-CP-00-051415	T	Water	8270D	460-299749

Report Basis

T = Total

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Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-300521					
LCS 460-300521/2-A	Lab Control Sample	T	Water	3010A	
MB 460-300521/1-A	Method Blank	T	Water	3010A	
460-94855-1	EX1-CP-00-051415	T	Water	3010A	
460-94855-1DU	Duplicate	T	Water	3010A	
460-94855-1MS	Matrix Spike	T	Water	3010A	
460-94855-2	EX1-CP-01-051415	T	Water	3010A	
460-94855-3	EX2-CP-00-051415	T	Water	3010A	
460-94855-4	EX3-CP-00-051415	T	Water	3010A	
460-94855-5	PD09-CP-00-051415	T	Water	3010A	
460-94855-7	PW02-CP-00-051415	T	Water	3010A	
460-94855-10	PW07B-CP-00-051415	T	Water	3010A	
Analysis Batch:460-300654					
LCS 460-300521/2-A	Lab Control Sample	T	Water	6010C	460-300521
MB 460-300521/1-A	Method Blank	T	Water	6010C	460-300521
460-94855-1	EX1-CP-00-051415	T	Water	6010C	460-300521
460-94855-1DU	Duplicate	T	Water	6010C	460-300521
460-94855-1MS	Matrix Spike	T	Water	6010C	460-300521
460-94855-2	EX1-CP-01-051415	T	Water	6010C	460-300521
460-94855-3	EX2-CP-00-051415	T	Water	6010C	460-300521
460-94855-4	EX3-CP-00-051415	T	Water	6010C	460-300521
460-94855-5	PD09-CP-00-051415	T	Water	6010C	460-300521
460-94855-7	PW02-CP-00-051415	T	Water	6010C	460-300521
460-94855-10	PW07B-CP-00-051415	T	Water	6010C	460-300521

Report Basis

T = Total

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-298737					
LCSSRM 460-298737/10	LCS-Certified Reference Material	T	Water	7196A	
MB 460-298737/9	Method Blank	T	Water	7196A	
460-94855-5	PD09-CP-00-051415	T	Water	7196A	
460-94855-5DU	Duplicate	T	Water	7196A	
460-94855-5MS	Matrix Spike	T	Water	7196A	
460-94855-6	PD09-CP-01-051415	T	Water	7196A	
Analysis Batch:460-298874					
LCSSRM 460-298874/2	LCS-Certified Reference Material	T	Water	SM 2540C	
MB 460-298874/1	Method Blank	T	Water	SM 2540C	
460-94785-D-1 DU	Duplicate	T	Water	SM 2540C	
460-94855-5	PD09-CP-00-051415	T	Water	SM 2540C	
460-94855-7	PW02-CP-00-051415	T	Water	SM 2540C	
460-94855-8	PW02-CP-01-051415	T	Water	SM 2540C	
Analysis Batch:460-299215					
LCSSRM 460-299215/2	LCS-Certified Reference Material	T	Water	SM 2540D	
MB 460-299215/1	Method Blank	T	Water	SM 2540D	
460-94855-1	EX1-CP-00-051415	T	Water	SM 2540D	
460-94855-2	EX1-CP-01-051415	T	Water	SM 2540D	
460-94855-3	EX2-CP-00-051415	T	Water	SM 2540D	
460-94855-4	EX3-CP-00-051415	T	Water	SM 2540D	
460-94855-7	PW02-CP-00-051415	T	Water	SM 2540D	
460-94855-10	PW07B-CP-00-051415	T	Water	SM 2540D	
460-94874-A-1 DU	Duplicate	T	Water	SM 2540D	
460-94874-A-5 DU	Duplicate	T	Water	SM 2540D	
Analysis Batch:460-300379					
LCSSRM 460-300379/4	LCS-Certified Reference Material	T	Water	9060A	
MB 460-300379/3	Method Blank	T	Water	9060A	
460-94855-10	PW07B-CP-00-051415	T	Water	9060A	
460-94855-10MS	Matrix Spike	T	Water	9060A	
460-94855-10MSD	Matrix Spike Duplicate	T	Water	9060A	
460-94855-11	PW07B-CP-01-051415	T	Water	9060A	
Prep Batch: 680-383817					
LCS 680-383817/2-A	Lab Control Sample	T	Water	Digestion	
MB 680-383817/1-A	Method Blank	T	Water	Digestion	
640-51182-M-2-B DU	Duplicate	T	Water	Digestion	
460-94855-5	PD09-CP-00-051415	T	Water	Digestion	
460-94855-5MS	Matrix Spike	T	Water	Digestion	
460-94855-5MSD	Matrix Spike Duplicate	T	Water	Digestion	
460-94855-6	PD09-CP-01-051415	T	Water	Digestion	

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Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:680-383986					
LCS 680-383817/2-A	Lab Control Sample	T	Water	351.2	680-383817
MB 680-383817/1-A	Method Blank	T	Water	351.2	680-383817
640-51182-M-2-B DU	Duplicate	T	Water	351.2	680-383817
460-94855-5	PD09-CP-00-051415	T	Water	351.2	680-383817
460-94855-5MS	Matrix Spike	T	Water	351.2	680-383817
460-94855-5MSD	Matrix Spike Duplicate	T	Water	351.2	680-383817
460-94855-6	PD09-CP-01-051415	T	Water	351.2	680-383817

Report Basis

T = Total

HPLC/IC

Analysis Batch:460-298769					
LCS 460-298769/8	Lab Control Sample	T	Water	300.0	
LCSD 460-298769/9	Lab Control Sample Duplicate	T	Water	300.0	
MB 460-298769/7	Method Blank	T	Water	300.0	
460-94855-5	PD09-CP-00-051415	T	Water	300.0	
460-94855-5DL	PD09-CP-00-051415	T	Water	300.0	
460-94855-5MS	Matrix Spike	T	Water	300.0	
460-94855-5MSD	Matrix Spike Duplicate	T	Water	300.0	
460-94855-5MD	Method Duplicate	T	Water	300.0	
460-94855-6	PD09-CP-01-051415	T	Water	300.0	
460-94855-6DL	PD09-CP-01-051415	T	Water	300.0	

Report Basis

T = Total

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Laboratory Chronicle

Lab ID: 460-94855-1

Client ID: EX1-CP-00-051415

Sample Date/Time: 05/13/2015 08:35 Received Date/Time: 05/14/2015 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-94855-A-1		460-300464		05/22/2015 23:48	1	TAL EDI	MZS
A:8260C	460-94855-A-1		460-300464		05/22/2015 23:48	1	TAL EDI	MZS
P:3010A	460-94855-D-1-A		460-300654	460-300521	05/22/2015 19:27	1	TAL EDI	EAE
A:6010C	460-94855-D-1-A		460-300654	460-300521	05/23/2015 20:37	1	TAL EDI	CDC
A:SM 2540D	460-94855-E-1		460-299215		05/18/2015 09:00	1	TAL EDI	PLS

Lab ID: 460-94855-1 MS

Client ID: EX1-CP-00-051415

Sample Date/Time: 05/13/2015 08:35 Received Date/Time: 05/14/2015 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-94855-A-1 MS		460-300464		05/23/2015 03:10	10	TAL EDI	MZS
A:8260C	460-94855-A-1 MS		460-300464		05/23/2015 03:10	10	TAL EDI	MZS
P:3010A	460-94855-A-1-B MS		460-300654	460-300521	05/22/2015 19:27	1	TAL EDI	EAE
A:6010C	460-94855-A-1-B MS		460-300654	460-300521	05/23/2015 20:44	1	TAL EDI	CDC

Lab ID: 460-94855-1 MSD

Client ID: EX1-CP-00-051415

Sample Date/Time: 05/13/2015 08:35 Received Date/Time: 05/14/2015 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-94855-A-1 MSD		460-300464		05/23/2015 03:35	10	TAL EDI	MZS
A:8260C	460-94855-A-1 MSD		460-300464		05/23/2015 03:35	10	TAL EDI	MZS

Lab ID: 460-94855-1

Client ID: EX1-CP-00-051415

Sample Date/Time: 05/13/2015 08:35 Received Date/Time: 05/14/2015 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	460-94855-A-1-A DU		460-300654	460-300521	05/22/2015 19:27	1	TAL EDI	EAE
A:6010C	460-94855-A-1-A DU		460-300654	460-300521	05/23/2015 20:33	1	TAL EDI	CDC

Lab ID: 460-94855-1 SD

Client ID: EX1-CP-00-051415

Sample Date/Time: 05/13/2015 08:35 Received Date/Time: 05/14/2015 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	460-94855-D-1-A SD ^5		460-300654	460-300521	05/22/2015 19:27	5	TAL EDI	EAE
A:6010C	460-94855-D-1-A SD ^5		460-300654	460-300521	05/23/2015 20:40	5	TAL EDI	CDC
P:3010A	460-94855-D-1-A PDS		460-300654	460-300521	05/22/2015 19:27	1	TAL EDI	EAE
A:6010C	460-94855-D-1-A PDS		460-300654	460-300521	05/23/2015 20:48	1	TAL EDI	CDC

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Laboratory Chronicle

Lab ID: 460-94855-2

Client ID: EX1-CP-01-051415

Sample Date/Time: 05/13/2015 08:40 Received Date/Time: 05/14/2015 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-94855-A-2		460-300464		05/23/2015 00:13	1	TAL EDI	MZS
A:8260C	460-94855-A-2		460-300464		05/23/2015 00:13	1	TAL EDI	MZS
P:3010A	460-94855-D-2-A		460-300654	460-300521	05/22/2015 19:27	1	TAL EDI	EAE
A:6010C	460-94855-D-2-A		460-300654	460-300521	05/23/2015 20:51	1	TAL EDI	CDC
A:SM 2540D	460-94855-E-2		460-299215		05/18/2015 09:00	1	TAL EDI	PLS

Lab ID: 460-94855-3

Client ID: EX2-CP-00-051415

Sample Date/Time: 05/13/2015 10:05 Received Date/Time: 05/14/2015 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-94855-A-3		460-300464		05/23/2015 00:39	1	TAL EDI	MZS
A:8260C	460-94855-A-3		460-300464		05/23/2015 00:39	1	TAL EDI	MZS
P:3010A	460-94855-D-3-A		460-300654	460-300521	05/22/2015 19:27	1	TAL EDI	EAE
A:6010C	460-94855-D-3-A		460-300654	460-300521	05/23/2015 20:55	1	TAL EDI	CDC
A:SM 2540D	460-94855-E-3		460-299215		05/18/2015 09:00	1	TAL EDI	PLS

Lab ID: 460-94855-4

Client ID: EX3-CP-00-051415

Sample Date/Time: 05/13/2015 11:10 Received Date/Time: 05/14/2015 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-94855-A-4		460-300464		05/23/2015 01:04	1	TAL EDI	MZS
A:8260C	460-94855-A-4		460-300464		05/23/2015 01:04	1	TAL EDI	MZS
P:3010A	460-94855-D-4-A		460-300654	460-300521	05/22/2015 19:27	1	TAL EDI	EAE
A:6010C	460-94855-D-4-A		460-300654	460-300521	05/23/2015 20:59	1	TAL EDI	CDC
A:SM 2540D	460-94855-E-4		460-299215		05/18/2015 09:00	1	TAL EDI	PLS

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Laboratory Chronicle

Lab ID: 460-94855-5

Client ID: PD09-CP-00-051415

Sample Date/Time: 05/14/2015 07:20 Received Date/Time: 05/14/2015 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-94855-A-5		460-300464		05/23/2015 01:29	1	TAL EDI	MZS
A:8260C	460-94855-A-5		460-300464		05/23/2015 01:29	1	TAL EDI	MZS
P:3510C	460-94855-E-5-A		460-300699	460-298867	05/15/2015 11:18	1	TAL EDI	WAT
A:8270D	460-94855-E-5-A		460-300699	460-298867	05/25/2015 04:56	1	TAL EDI	CAZ
A:300.0	460-94855-G-5		460-298769		05/15/2015 08:39	1	TAL EDI	CBB
A:300.0	460-94855-G-5	DL	460-298769		05/15/2015 09:54	50	TAL EDI	CBB
P:3010A	460-94855-J-5-A		460-300654	460-300521	05/22/2015 19:27	1	TAL EDI	EAE
A:6010C	460-94855-J-5-A		460-300654	460-300521	05/23/2015 21:14	1	TAL EDI	CDC
P:Digestion	460-94855-H-5-A		680-383986	680-383817	05/19/2015 10:07	1	TAL SAV	JRJ
A:351.2	460-94855-H-5-A		680-383986	680-383817	05/20/2015 09:47	1	TAL SAV	JER
A:7196A	460-94855-F-5		460-298737		05/15/2015 02:29	1	TAL EDI	PXP
A:SM 2540C	460-94855-I-5		460-298874		05/15/2015 12:22	1	TAL EDI	PLS

Lab ID: 460-94855-5

Client ID: PD09-CP-00-051415

Sample Date/Time: 05/14/2015 07:20 Received Date/Time: 05/14/2015 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:300.0	460-94855-B-5 MS		460-298769		05/15/2015 11:57	50	TAL EDI	CBB
P:Digestion	460-94855-C-5-A MS		680-383986	680-383817	05/19/2015 10:07	1	TAL SAV	JRJ
A:351.2	460-94855-C-5-A MS		680-383986	680-383817	05/20/2015 09:48	1	TAL SAV	JER
A:7196A	460-94855-A-5 MS		460-298737		05/15/2015 02:29	1	TAL EDI	PXP

Lab ID: 460-94855-5

Client ID: PD09-CP-00-051415

Sample Date/Time: 05/14/2015 07:20 Received Date/Time: 05/14/2015 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:300.0	460-94855-A-5 MSD		460-298769		05/15/2015 12:22	50	TAL EDI	CBB
P:Digestion	460-94855-B-5-A MSD		680-383986	680-383817	05/19/2015 10:07	1	TAL SAV	JRJ
A:351.2	460-94855-B-5-A MSD		680-383986	680-383817	05/20/2015 09:49	1	TAL SAV	JER

Lab ID: 460-94855-5

Client ID: PD09-CP-00-051415

Sample Date/Time: 05/14/2015 07:20 Received Date/Time: 05/14/2015 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:7196A	460-94855-A-5 DU		460-298737		05/15/2015 02:29	1	TAL EDI	PXP

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Laboratory Chronicle

Lab ID: 460-94855-5 MD

Client ID: PD09-CP-00-051415

Sample Date/Time: 05/14/2015 07:20 Received Date/Time: 05/14/2015 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:300.0	460-94855-G-5 MD		460-298769		05/15/2015 11:32	50	TAL EDI	CBB

Lab ID: 460-94855-6

Client ID: PD09-CP-01-051415

Sample Date/Time: 05/14/2015 07:25 Received Date/Time: 05/14/2015 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3510C	460-94855-A-6-A		460-300699	460-298867	05/15/2015 11:18	1	TAL EDI	WAT
A:8270D	460-94855-A-6-A		460-300699	460-298867	05/25/2015 05:18	1	TAL EDI	CAZ
A:300.0	460-94855-D-6		460-298769		05/15/2015 09:04	1	TAL EDI	CBB
A:300.0	460-94855-D-6	DL	460-298769		05/15/2015 10:18	50	TAL EDI	CBB
P:Digestion	460-94855-E-6-A		680-383986	680-383817	05/19/2015 10:07	1	TAL SAV	JRJ
A:351.2	460-94855-E-6-A		680-383986	680-383817	05/20/2015 10:12	1	TAL SAV	JER
A:7196A	460-94855-C-6		460-298737		05/15/2015 02:29	1	TAL EDI	PXP

Lab ID: 460-94855-7

Client ID: PW02-CP-00-051415

Sample Date/Time: 05/14/2015 06:45 Received Date/Time: 05/14/2015 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-94855-A-7		460-300464		05/23/2015 01:54	1	TAL EDI	MZS
A:8260C	460-94855-A-7		460-300464		05/23/2015 01:54	1	TAL EDI	MZS
P:3010A	460-94855-E-7-A		460-300654	460-300521	05/22/2015 19:27	1	TAL EDI	EAE
A:6010C	460-94855-E-7-A		460-300654	460-300521	05/23/2015 21:18	1	TAL EDI	CDC
A:SM 2540C	460-94855-D-7		460-298874		05/15/2015 12:22	1	TAL EDI	PLS
A:SM 2540D	460-94855-F-7		460-299215		05/18/2015 13:20	1	TAL EDI	PLS

Lab ID: 460-94855-8

Client ID: PW02-CP-01-051415

Sample Date/Time: 05/14/2015 06:50 Received Date/Time: 05/14/2015 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 2540C	460-94855-A-8		460-298874		05/15/2015 12:22	1	TAL EDI	PLS

Lab ID: 460-94855-9

Client ID: PW06-CP-00-051415

Sample Date/Time: 05/14/2015 06:55 Received Date/Time: 05/14/2015 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-94855-A-9		460-300464		05/23/2015 02:20	1	TAL EDI	MZS
A:8260C	460-94855-A-9		460-300464		05/23/2015 02:20	1	TAL EDI	MZS
P:3510C	460-94855-D-9-A		460-300699	460-298867	05/15/2015 11:18	1	TAL EDI	WAT
A:8270D	460-94855-D-9-A		460-300699	460-298867	05/25/2015 05:40	1	TAL EDI	CAZ

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Laboratory Chronicle

Lab ID: 460-94855-10

Client ID: PW07B-CP-00-051415

Sample Date/Time: 05/14/2015 07:00 Received Date/Time: 05/14/2015 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-94855-A-10		460-300464		05/23/2015 02:45	1	TAL EDI	MZS
A:8260C	460-94855-A-10		460-300464		05/23/2015 02:45	1	TAL EDI	MZS
P:3510C	460-94855-H-10-A		460-300751	460-299749	05/20/2015 11:24	1	TAL EDI	MBE
A:8270D	460-94855-H-10-A		460-300751	460-299749	05/26/2015 10:34	1	TAL EDI	CAZ
P:3010A	460-94855-E-10-A		460-300654	460-300521	05/22/2015 19:27	1	TAL EDI	EAE
A:6010C	460-94855-E-10-A		460-300654	460-300521	05/23/2015 21:22	1	TAL EDI	CDC
A:9060A	460-94855-D-10		460-300379		05/21/2015 15:31	1	TAL EDI	HTV
A:SM 2540D	460-94855-F-10		460-299215		05/18/2015 13:20	1	TAL EDI	PLS

Lab ID: 460-94855-10

Client ID: PW07B-CP-00-051415

Sample Date/Time: 05/14/2015 07:00 Received Date/Time: 05/14/2015 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:9060A	460-94855-D-10 MS		460-300379		05/21/2015 15:56	1	TAL EDI	HTV

Lab ID: 460-94855-10

Client ID: PW07B-CP-00-051415

Sample Date/Time: 05/14/2015 07:00 Received Date/Time: 05/14/2015 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:9060A	460-94855-D-10 MSD		460-300379		05/21/2015 16:24	1	TAL EDI	HTV

Lab ID: 460-94855-11

Client ID: PW07B-CP-01-051415

Sample Date/Time: 05/14/2015 07:05 Received Date/Time: 05/14/2015 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:9060A	460-94855-A-11		460-300379		05/21/2015 16:50	1	TAL EDI	HTV

Lab ID: 460-94855-12

Client ID: TB-CP-QC-051415

Sample Date/Time: 05/14/2015 07:55 Received Date/Time: 05/14/2015 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-94855-A-12		460-300464		05/22/2015 23:23	1	TAL EDI	MZS
A:8260C	460-94855-A-12		460-300464		05/22/2015 23:23	1	TAL EDI	MZS

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Laboratory Chronicle

Lab ID: MB

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	MB 460-300464/7		460-300464		05/22/2015 22:58	1	TAL EDI	MZS
A:8260C	MB 460-300464/7		460-300464		05/22/2015 22:58	1	TAL EDI	MZS
P:3510C	MB 460-298867/1-A		460-299127	460-298867	05/15/2015 11:18	1	TAL EDI	WAT
A:8270D	MB 460-298867/1-A		460-299127	460-298867	05/18/2015 08:18	1	TAL EDI	CAZ
P:3510C	MB 460-299749/1-A		460-299934	460-299749	05/20/2015 11:24	1	TAL EDI	MBE
A:8270D	MB 460-299749/1-A		460-299934	460-299749	05/21/2015 15:27	1	TAL EDI	CAZ
A:300.0	MB 460-298769/7		460-298769		05/15/2015 07:01	1	TAL EDI	CBB
P:3010A	MB 460-300521/1-A		460-300654	460-300521	05/22/2015 19:27	1	TAL EDI	EAE
A:6010C	MB 460-300521/1-A		460-300654	460-300521	05/23/2015 20:25	1	TAL EDI	CDC
P:Digestion	MB 680-383817/1-A		680-383986	680-383817	05/19/2015 10:07	1	TAL SAV	JRJ
A:351.2	MB 680-383817/1-A		680-383986	680-383817	05/20/2015 09:44	1	TAL SAV	JER
A:7196A	MB 460-298737/9		460-298737		05/15/2015 02:29	1	TAL EDI	PXP
A:9060A	MB 460-300379/3		460-300379		05/21/2015 13:33	1	TAL EDI	HTV
A:SM 2540C	MB 460-298874/1		460-298874		05/15/2015 12:22	1	TAL EDI	PLS
A:SM 2540D	MB 460-299215/1		460-299215		05/18/2015 09:00	1	TAL EDI	PLS

Lab ID: LCS

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	LCS 460-300464/3		460-300464		05/22/2015 21:14	1	TAL EDI	MZS
A:8260C	LCS 460-300464/3		460-300464		05/22/2015 21:14	1	TAL EDI	MZS
P:3510C	LCS 460-298867/2-A		460-299127	460-298867	05/15/2015 11:18	1	TAL EDI	WAT
A:8270D	LCS 460-298867/2-A		460-299127	460-298867	05/18/2015 08:46	1	TAL EDI	CAZ
P:3510C	LCS 460-299749/2-A		460-299934	460-299749	05/20/2015 11:24	1	TAL EDI	MBE
A:8270D	LCS 460-299749/2-A		460-299934	460-299749	05/21/2015 05:14	1	TAL EDI	CAZ
P:3510C	LCS 460-299749/4-A		460-299934	460-299749	05/20/2015 11:24	1	TAL EDI	MBE
A:8270D	LCS 460-299749/4-A		460-299934	460-299749	05/21/2015 06:03	1	TAL EDI	CAZ
P:3510C	LCS 460-298867/4-A		460-300593	460-298867	05/15/2015 11:18	1	TAL EDI	WAT
A:8270D	LCS 460-298867/4-A		460-300593	460-298867	05/23/2015 12:34	1	TAL EDI	CAZ
A:300.0	LCS 460-298769/8		460-298769		05/15/2015 07:25	1	TAL EDI	CBB
P:3010A	LCS 460-300521/2-A		460-300654	460-300521	05/22/2015 19:27	1	TAL EDI	EAE
A:6010C	LCS 460-300521/2-A		460-300654	460-300521	05/23/2015 20:29	1	TAL EDI	CDC
P:Digestion	LCS 680-383817/2-A		680-383986	680-383817	05/19/2015 10:07	1	TAL SAV	JRJ
A:351.2	LCS 680-383817/2-A		680-383986	680-383817	05/20/2015 09:46	1	TAL SAV	JER

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-94855-1

Laboratory Chronicle

Lab ID: LCSD

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3510C	LCSD		460-299127	460-298867	05/15/2015 11:18	1	TAL EDI	WAT
	460-298867/3-A							
A:8270D	LCSD		460-299127	460-298867	05/18/2015 09:14	1	TAL EDI	CAZ
	460-298867/3-A							
P:3510C	LCSD		460-299934	460-299749	05/20/2015 11:24	1	TAL EDI	MBE
	460-299749/3-A							
A:8270D	LCSD		460-299934	460-299749	05/21/2015 05:38	1	TAL EDI	CAZ
	460-299749/3-A							
P:3510C	LCSD		460-299934	460-299749	05/20/2015 11:24	1	TAL EDI	MBE
	460-299749/5-A							
A:8270D	LCSD		460-299934	460-299749	05/21/2015 06:27	1	TAL EDI	CAZ
	460-299749/5-A							
P:3510C	LCSD		460-300593	460-298867	05/15/2015 11:18	1	TAL EDI	WAT
	460-298867/5-A							
A:8270D	LCSD		460-300593	460-298867	05/23/2015 13:02	1	TAL EDI	CAZ
	460-298867/5-A							
A:300.0	LCSD 460-298769/9		460-298769		05/15/2015 07:50	1	TAL EDI	CBB

Lab ID: LCSSRM

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:7196A	LCSSRM		460-298737		05/15/2015 02:29	1	TAL EDI	PXP
	460-298737/10							
A:9060A	LCSSRM		460-300379		05/21/2015 13:58	1	TAL EDI	HTV
	460-300379/4							
A:SM 2540C	LCSSRM		460-298874		05/15/2015 12:22	1	TAL EDI	PLS
	460-298874/2							
A:SM 2540D	LCSSRM		460-299215		05/18/2015 09:00	1	TAL EDI	PLS
	460-299215/2							

Lab ID: DU

Client ID: N/A

Sample Date/Time: 05/14/2015 11:00

Received Date/Time: 05/15/2015 08:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Digestion	640-51182-M-2-B DU		680-383986	680-383817	05/19/2015 10:07	1	TAL SAV	JRJ
A:351.2	640-51182-M-2-B DU		680-383986	680-383817	05/20/2015 09:54	1	TAL SAV	JER
A:SM 2540C	460-94785-D-1 DU		460-298874		05/15/2015 12:22	1	TAL EDI	PLS
A:SM 2540D	460-94874-A-1 DU		460-299215		05/18/2015 09:00	1	TAL EDI	PLS
A:SM 2540D	460-94874-A-5 DU		460-299215		05/18/2015 13:20	1	TAL EDI	PLS

Lab References:

TAL EDI = TestAmerica Edison

TAL SAV = TestAmerica Savannah

8260C

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Matrix: Water Level: Low
 GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
EX1-CP-00-051415	460-94855-1	103	106	111	106
EX1-CP-01-051415	460-94855-2	103	105	112	110
EX2-CP-00-051415	460-94855-3	103	104	110	110
EX3-CP-00-051415	460-94855-4	102	105	110	107
PD09-CP-00-051415	460-94855-5	104	106	110	110
PW02-CP-00-051415	460-94855-7	103	105	110	110
PW06-CP-00-051415	460-94855-9	103	104	108	111
PW07B-CP-00-051415	460-94855-10	102	105	111	109
TB-CP-QC-051415	460-94855-12	103	105	111	108
	MB 460-300464/7	102	103	114	108
	LCS 460-300464/3	104	104	113	107
EX1-CP-00-051415 MS	460-94855-1 MS	107	104	112	110
EX1-CP-00-051415 MSD	460-94855-1 MSD	105	103	111	108

	<u>QC LIMITS</u>
DBFM = Dibromofluoromethane (Surr)	72-137
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	64-135

Column to be used to flag recovery values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: C08857.D
 Lab ID: LCS 460-300464/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	26.2	131	43-145	
Bromomethane	20.0	12.2	61	27-150	
Vinyl chloride	20.0	24.1	120	56-137	
Chloroethane	20.0	21.9	110	58-145	
Methylene Chloride	20.0	16.8	84	76-123	
Acetone	100	86.5	86	26-150	
Carbon disulfide	20.0	16.4	82	61-126	
Trichlorofluoromethane	20.0	22.4	112	65-142	
1,1-Dichloroethene	20.0	15.6	78	71-123	
1,1-Dichloroethane	20.0	17.7	89	75-126	
trans-1,2-Dichloroethene	20.0	17.2	86	79-120	
cis-1,2-Dichloroethene	20.0	18.0	90	78-121	
Chloroform	20.0	17.3	87	81-122	
1,2-Dichloroethane	20.0	16.7	83	75-127	
2-Butanone	100	90.3	90	52-140	
1,1,1-Trichloroethane	20.0	17.5	88	73-134	
Carbon tetrachloride	20.0	16.9	84	58-150	
Bromodichloromethane	20.0	16.5	83	72-123	
1,2-Dichloropropane	20.0	17.1	86	70-120	
cis-1,3-Dichloropropene	20.0	18.6	93	71-120	
Trichloroethene	20.0	17.3	87	74-120	
Dibromochloromethane	20.0	17.8	89	63-131	
1,1,2-Trichloroethane	20.0	19.5	97	68-121	
Benzene	20.0	20.1	101	69-125	
trans-1,3-Dichloropropene	20.0	18.4	92	71-123	
Bromoform	20.0	16.4	82	50-134	
4-Methyl-2-pentanone (MIBK)	100	91.0	91	56-132	
2-Hexanone	100	95.3	95	49-131	
Tetrachloroethene	20.0	19.2	96	70-136	
1,1,2,2-Tetrachloroethane	20.0	19.3	97	55-133	
Toluene	20.0	19.1	96	78-120	
Chlorobenzene	20.0	19.2	96	77-120	
Ethylbenzene	20.0	19.0	95	74-120	
Styrene	20.0	18.4	92	76-120	
m&p-Xylene	20.0	19.1	96	78-119	
o-Xylene	20.0	18.0	90	79-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	20.0	17.3	86	60-144	
Methyl tert-butyl ether	20.0	17.4	87	73-125	
Cyclohexane	20.0	19.5	97	62-135	
1,2-Dibromoethane	20.0	18.8	94	77-117	
1,3-Dichlorobenzene	20.0	19.7	98	75-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: C08857.D
 Lab ID: LCS 460-300464/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,4-Dichlorobenzene	20.0	20.0	100	75-120	
1,2-Dichlorobenzene	20.0	20.1	100	81-120	
Dichlorodifluoromethane	20.0	28.9	145	40-150	
1,2,4-Trichlorobenzene	20.0	19.9	99	76-129	
1,4-Dioxane	400	393	98	46-150	
1,2,3-Trichlorobenzene	20.0	21.1	105	72-135	
1,2-Dibromo-3-Chloropropane	20.0	18.2	91	53-136	
Bromochloromethane	20.0	15.5	77	70-134	
Isopropylbenzene	20.0	20.0	100	74-127	
Methyl acetate	100	95.1	95	62-140	
Methylcyclohexane	20.0	16.6	83	64-136	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-94855-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: C08871.D
Lab ID: 460-94855-1 MS Client ID: EX1-CP-00-051415 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Chloromethane	200	1.0 U	235	117	43-145	
Bromomethane	200	1.0 U	88.6	44	27-150	
Vinyl chloride	200	1.0 U	221	110	56-137	
Chloroethane	200	1.0 U	202	101	58-145	
Methylene Chloride	200	1.0 U	173	86	76-123	
Acetone	1000	5.0 U	804	80	26-150	
Carbon disulfide	200	1.0 U	156	78	61-126	
Trichlorofluoromethane	200	1.0 U	201	101	65-142	
1,1-Dichloroethene	200	0.43 J	149	74	71-123	
1,1-Dichloroethane	200	1.0 U	173	87	75-126	
trans-1,2-Dichloroethene	200	1.0 U	179	90	79-120	
cis-1,2-Dichloroethene	200	2.6	182	90	78-121	
Chloroform	200	1.0 U	175	88	81-122	
1,2-Dichloroethane	200	1.0 U	171	86	75-127	
2-Butanone	1000	5.0 U	933	93	52-140	
1,1,1-Trichloroethane	200	0.29 J	168	84	73-134	
Carbon tetrachloride	200	1.0 U	166	83	58-150	
Bromodichloromethane	200	1.0 U	168	84	72-123	
1,2-Dichloropropane	200	1.0 U	173	87	70-120	
cis-1,3-Dichloropropene	200	1.0 U	185	93	71-120	
Trichloroethene	200	6.0	172	83	74-120	
Dibromochloromethane	200	1.0 U	180	90	63-131	
1,1,2-Trichloroethane	200	1.0 U	201	100	68-121	
Benzene	200	1.0 U	198	99	69-125	
trans-1,3-Dichloropropene	200	1.0 U	179	90	71-123	
Bromoform	200	1.0 U	173	86	50-134	
4-Methyl-2-pentanone (MIBK)	1000	5.0 U	1010	101	56-132	
2-Hexanone	1000	5.0 U	1000	100	49-131	
Tetrachloroethene	200	4.5	199	98	70-136	
1,1,2,2-Tetrachloroethane	200	1.0 U	204	102	55-133	
Toluene	200	1.0 U	192	96	78-120	
Chlorobenzene	200	1.0 U	190	95	77-120	
Ethylbenzene	200	1.0 U	188	94	74-120	
Styrene	200	1.0 U	192	96	76-120	
m&p-Xylene	200	1.0 U	195	97	78-119	
o-Xylene	200	1.0 U	188	94	79-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	200	1.0 U	164	82	60-144	
Methyl tert-butyl ether	200	0.30 J	180	90	73-125	
Cyclohexane	200	1.0 U	185	93	62-135	
1,2-Dibromoethane	200	1.0 U	193	96	77-117	
1,3-Dichlorobenzene	200	1.0 U	201	101	75-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: C08871.D
 Lab ID: 460-94855-1 MS Client ID: EX1-CP-00-051415 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,4-Dichlorobenzene	200	1.0 U	203	101	75-120	
1,2-Dichlorobenzene	200	1.0 U	207	104	81-120	
Dichlorodifluoromethane	200	1.0 U	251	125	40-150	
1,2,4-Trichlorobenzene	200	1.0 U	198	99	76-129	
1,4-Dioxane	4000	50 U	3340	84	46-150	
1,2,3-Trichlorobenzene	200	1.0 U	196	98	72-135	
1,2-Dibromo-3-Chloropropane	200	1.0 U	188	94	53-136	
Bromochloromethane	200	1.0 U	165	83	70-134	
Isopropylbenzene	200	1.0 U	205	103	74-127	
Methyl acetate	1000	5.0 U	1000	100	62-140	
Methylcyclohexane	200	1.0 U	160	80	64-136	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison

Job No.: 460-94855-1

SDG No.: _____

Matrix: Water

Level: Low

Lab File ID: C08872.D

Lab ID: 460-94855-1 MSD

Client ID: EX1-CP-00-051415 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Chloromethane	200	246	123	5	30	43-145	
Bromomethane	200	103	52	15	30	27-150	
Vinyl chloride	200	221	111	0	30	56-137	
Chloroethane	200	197	99	3	30	58-145	
Methylene Chloride	200	177	89	3	30	76-123	
Acetone	1000	851	85	6	30	26-150	
Carbon disulfide	200	162	81	4	30	61-126	
Trichlorofluoromethane	200	202	101	0	30	65-142	
1,1-Dichloroethene	200	160	80	7	30	71-123	
1,1-Dichloroethane	200	178	89	3	30	75-126	
trans-1,2-Dichloroethene	200	180	90	0	30	79-120	
cis-1,2-Dichloroethene	200	188	93	3	30	78-121	
Chloroform	200	180	90	3	30	81-122	
1,2-Dichloroethane	200	172	86	1	30	75-127	
2-Butanone	1000	928	93	1	30	52-140	
1,1,1-Trichloroethane	200	176	88	4	30	73-134	
Carbon tetrachloride	200	168	84	1	30	58-150	
Bromodichloromethane	200	176	88	5	30	72-123	
1,2-Dichloropropane	200	182	91	5	30	70-120	
cis-1,3-Dichloropropene	200	190	95	2	30	71-120	
Trichloroethene	200	180	87	5	30	74-120	
Dibromochloromethane	200	186	93	4	30	63-131	
1,1,2-Trichloroethane	200	208	104	4	30	68-121	
Benzene	200	206	103	4	30	69-125	
trans-1,3-Dichloropropene	200	193	97	7	30	71-123	
Bromoform	200	180	90	4	30	50-134	
4-Methyl-2-pentanone (MIBK)	1000	1010	101	1	30	56-132	
2-Hexanone	1000	1040	104	4	30	49-131	
Tetrachloroethene	200	199	97	0	30	70-136	
1,1,2,2-Tetrachloroethane	200	214	107	5	30	55-133	
Toluene	200	197	98	2	30	78-120	
Chlorobenzene	200	198	99	4	30	77-120	
Ethylbenzene	200	199	100	6	30	74-120	
Styrene	200	200	100	4	30	76-120	
m&p-Xylene	200	205	102	5	30	78-119	
o-Xylene	200	198	99	5	30	79-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	200	167	84	2	30	60-144	
Methyl tert-butyl ether	200	183	91	2	30	73-125	
Cyclohexane	200	193	96	4	30	62-135	
1,2-Dibromoethane	200	201	101	4	30	77-117	
1,3-Dichlorobenzene	200	211	106	5	30	75-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: C08872.D
 Lab ID: 460-94855-1 MSD Client ID: EX1-CP-00-051415 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,4-Dichlorobenzene	200	212	106	4	30	75-120	
1,2-Dichlorobenzene	200	213	106	3	30	81-120	
Dichlorodifluoromethane	200	256	128	2	30	40-150	
1,2,4-Trichlorobenzene	200	205	102	3	30	76-129	
1,4-Dioxane	4000	4210	105	23	30	46-150	
1,2,3-Trichlorobenzene	200	218	109	10	30	72-135	
1,2-Dibromo-3-Chloropropane	200	203	101	8	30	53-136	
Bromochloromethane	200	161	81	2	30	70-134	
Isopropylbenzene	200	214	107	4	30	74-127	
Methyl acetate	1000	1030	103	3	30	62-140	
Methylcyclohexane	200	163	82	2	30	64-136	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Lab File ID: C08861.D Lab Sample ID: MB 460-300464/7
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: CVOAMS3 Date Analyzed: 05/22/2015 22:58
 GC Column: Rtx-624 ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-300464/3	C08857.D	05/22/2015 21:14
TB-CP-QC-051415	460-94855-12	C08862.D	05/22/2015 23:23
EX1-CP-00-051415	460-94855-1	C08863.D	05/22/2015 23:48
EX1-CP-01-051415	460-94855-2	C08864.D	05/23/2015 00:13
EX2-CP-00-051415	460-94855-3	C08865.D	05/23/2015 00:39
EX3-CP-00-051415	460-94855-4	C08866.D	05/23/2015 01:04
PD09-CP-00-051415	460-94855-5	C08867.D	05/23/2015 01:29
PW02-CP-00-051415	460-94855-7	C08868.D	05/23/2015 01:54
PW06-CP-00-051415	460-94855-9	C08869.D	05/23/2015 02:20
PW07B-CP-00-051415	460-94855-10	C08870.D	05/23/2015 02:45
EX1-CP-00-051415 MS	460-94855-1 MS	C08871.D	05/23/2015 03:10
EX1-CP-00-051415 MSD	460-94855-1 MSD	C08872.D	05/23/2015 03:35

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Lab File ID: C06931.D BFB Injection Date: 04/12/2015
 Instrument ID: CVOAMS3 BFB Injection Time: 19:02
 Analysis Batch No.: 291869

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	21.0
75	30.0 - 60.0 % of mass 95	54.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.3
173	Less than 2.0 % of mass 174	0.0 (0.0)1
174	50.0 - 120.00 % of mass 95	73.8
175	5.0 - 9.0 % of mass 174	5.6 (7.6)1
176	95.0 - 101.0 % of mass 174	70.8 (95.9)1
177	5.0 - 9.0 % of mass 176	3.9 (5.5)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD1 460-291869/3	C06933.D	04/12/2015	19:49
	STD5 460-291869/4	C06934.D	04/12/2015	20:14
	STD20 460-291869/5	C06935.D	04/12/2015	20:40
	STD50 460-291869/6	C06936.D	04/12/2015	21:05
	STD200 460-291869/7	C06937.D	04/12/2015	21:30
	STD500 460-291869/8	C06938.D	04/12/2015	21:56
	STD7 460-291869/11	C06941.D	04/12/2015	23:12

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Lab File ID: C08855.D BFB Injection Date: 05/22/2015
 Instrument ID: CVOAMS3 BFB Injection Time: 20:23
 Analysis Batch No.: 300464

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	21.0
75	30.0 - 60.0 % of mass 95	50.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.7
173	Less than 2.0 % of mass 174	0.3 (0.3)1
174	50.0 - 120.00 % of mass 95	84.9
175	5.0 - 9.0 % of mass 174	6.8 (8.0)1
176	95.0 - 101.0 % of mass 174	83.1 (97.8)1
177	5.0 - 9.0 % of mass 176	4.3 (5.2)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-300464/2	C08856.D	05/22/2015	20:46
	LCS 460-300464/3	C08857.D	05/22/2015	21:14
	MB 460-300464/7	C08861.D	05/22/2015	22:58
TB-CP-QC-051415	460-94855-12	C08862.D	05/22/2015	23:23
EX1-CP-00-051415	460-94855-1	C08863.D	05/22/2015	23:48
EX1-CP-01-051415	460-94855-2	C08864.D	05/23/2015	00:13
EX2-CP-00-051415	460-94855-3	C08865.D	05/23/2015	00:39
EX3-CP-00-051415	460-94855-4	C08866.D	05/23/2015	01:04
PD09-CP-00-051415	460-94855-5	C08867.D	05/23/2015	01:29
PW02-CP-00-051415	460-94855-7	C08868.D	05/23/2015	01:54
PW06-CP-00-051415	460-94855-9	C08869.D	05/23/2015	02:20
PW07B-CP-00-051415	460-94855-10	C08870.D	05/23/2015	02:45
EX1-CP-00-051415 MS	460-94855-1 MS	C08871.D	05/23/2015	03:10
EX1-CP-00-051415 MSD	460-94855-1 MSD	C08872.D	05/23/2015	03:35

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Sample No.: CCVIS 460-300464/2 Date Analyzed: 05/22/2015 20:46
 Instrument ID: CVOAMS3 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): C08856.D Heated Purge: (Y/N) N
 Calibration ID: 49181

		TBA		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		250453	3.27	316076	4.46	369336	5.70
UPPER LIMIT		500906	3.77	632152	4.96	738672	6.20
LOWER LIMIT		125227	2.77	158038	3.96	184668	5.20
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-300464/3		280430	3.27	359976	4.45	392755	5.70
MB 460-300464/7		254065	3.26	320183	4.45	365001	5.70
460-94855-12	TB-CP-QC-051415	236841	3.26	309201	4.45	375629	5.70
460-94855-1	EX1-CP-00-051415	270088	3.26	340971	4.45	370095	5.70
460-94855-2	EX1-CP-01-051415	284772	3.26	356386	4.45	375186	5.70
460-94855-3	EX2-CP-00-051415	282025	3.26	351956	4.45	382641	5.70
460-94855-4	EX3-CP-00-051415	283914	3.25	358111	4.45	370754	5.70
460-94855-5	PD09-CP-00-051415	279902	3.26	349057	4.45	373590	5.70
460-94855-7	PW02-CP-00-051415	281491	3.26	347266	4.45	368820	5.70
460-94855-9	PW06-CP-00-051415	281112	3.26	350889	4.45	371285	5.70
460-94855-10	PW07B-CP-00-051415	295234	3.26	370018	4.45	397576	5.70
460-94855-1 MS	EX1-CP-00-051415 MS	286987	3.26	346649	4.45	387761	5.70
460-94855-1 MSD	EX1-CP-00-051415 MSD	280241	3.26	341779	4.45	373983	5.70

TBA = TBA-d9 (IS)
 BUT = 2-Butanone-d5
 FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Sample No.: CCVIS 460-300464/2 Date Analyzed: 05/22/2015 20:46
 Instrument ID: CVOAMS3 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): C08856.D Heated Purge: (Y/N) N
 Calibration ID: 49181

		DXE		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		31399	6.48	275191	8.67	136997	10.45
UPPER LIMIT		62798	6.98	550382	9.17	273994	10.95
LOWER LIMIT		15700	5.98	137596	8.17	68499	9.95
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-300464/3		34989	6.48	290733	8.67	145717	10.44
MB 460-300464/7		30330	6.48	262170	8.67	133083	10.44
460-94855-12	TB-CP-QC-051415	29296	6.48	275888	8.67	138338	10.44
460-94855-1	EX1-CP-00-051415	32576	6.48	270819	8.67	141757	10.44
460-94855-2	EX1-CP-01-051415	34482	6.48	275651	8.67	137914	10.44
460-94855-3	EX2-CP-00-051415	35802	6.48	284880	8.67	142794	10.44
460-94855-4	EX3-CP-00-051415	35460	6.48	276375	8.67	139208	10.44
460-94855-5	PD09-CP-00-051415	35484	6.48	280903	8.67	140142	10.44
460-94855-7	PW02-CP-00-051415	35497	6.48	272230	8.67	134759	10.44
460-94855-9	PW06-CP-00-051415	35437	6.48	281299	8.67	138430	10.44
460-94855-10	PW07B-CP-00-051415	37865	6.48	296887	8.67	152713	10.44
460-94855-1 MS	EX1-CP-00-051415 MS	35457	6.48	289140	8.67	148528	10.44
460-94855-1 MSD	EX1-CP-00-051415 MSD	34459	6.48	278475	8.67	143189	10.44

DXE = 1,4-Dioxane-d8

CBZ = Chlorobenzene-d5

DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Client Sample ID: EX1-CP-00-051415 Lab Sample ID: 460-94855-1
 Matrix: Water Lab File ID: C08863.D
 Analysis Method: 8260C Date Collected: 05/13/2015 08:35
 Sample wt/vol: 5(mL) Date Analyzed: 05/22/2015 23:48
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 300464 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	5.0	U	5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.43	J	1.0	0.34
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	2.6		1.0	0.26
67-66-3	Chloroform	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-93-3	2-Butanone	5.0	U	5.0	2.2
71-55-6	1,1,1-Trichloroethane	0.29	J	1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	6.0		1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	1.0	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	4.5		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Client Sample ID: EX1-CP-00-051415 Lab Sample ID: 460-94855-1
 Matrix: Water Lab File ID: C08863.D
 Analysis Method: 8260C Date Collected: 05/13/2015 08:35
 Sample wt/vol: 5 (mL) Date Analyzed: 05/22/2015 23:48
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 300464 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.30	J	1.0	0.13
110-82-7	Cyclohexane	1.0	U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	50	U	50	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-130
2037-26-5	Toluene-d8 (Surr)	111		70-130
460-00-4	4-Bromofluorobenzene	106		64-135
1868-53-7	Dibromofluoromethane (Surr)	103		72-137

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08863.D
 Lims ID: 460-94855-A-1 Lab Sample ID: 460-94855-1
 Client ID: EX1-CP-00-051415
 Sample Type: Client
 Inject. Date: 22-May-2015 23:48:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-94855-A-1
 Misc. Info.: 460-0027731-009
 Operator ID: VOA GC/MS3 Instrument ID: CVOAMS3
 Method: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150522-27731.b\8260W_3.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 23-May-2015 07:53:32 Calib Date: 12-Apr-2015 23:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150412-26140.b\C06941.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK016

First Level Reviewer: starzecm

Date: 23-May-2015 00:41:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
17 1,1-Dichloroethene	96	2.796	2.796	0.000	93	1151	0.4284	
* 26 TBA-d9 (IS)	65	3.259	3.265	-0.006	88	270088	1000.0	
29 Methyl tert-butyl ether	73	3.441	3.441	0.000	95	2246	0.2958	
* 164 2-Butanone-d5	46	4.451	4.451	0.000	100	340971	250.0	
40 cis-1,2-Dichloroethene	96	4.487	4.488	-0.001	98	7301	2.58	
50 1,1,1-Trichloroethane	97	4.956	4.962	-0.006	17	1153	0.2919	
\$ 51 Dibromofluoromethane (Surr	113	4.986	4.986	0.000	94	94859	51.5	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.388	5.388	0.000	91	130660	52.9	
* 61 Fluorobenzene	96	5.704	5.704	0.000	98	370095	50.0	
65 Trichloroethene	95	6.112	6.112	0.000	97	16871	5.97	
* 68 1,4-Dioxane-d8	96	6.483	6.483	0.000	96	32576	1000.0	
\$ 79 Toluene-d8 (Surr)	98	7.371	7.371	0.000	99	387760	55.7	
84 Tetrachloroethene	166	7.906	7.906	0.000	96	11046	4.46	
* 90 Chlorobenzene-d5	117	8.667	8.667	0.000	88	270819	50.0	
\$ 101 4-Bromofluorobenzene	174	9.598	9.598	0.000	89	112822	52.9	
* 118 1,4-Dichlorobenzene-d4	152	10.443	10.443	0.000	96	141757	50.0	
S 133 1,2-Dichloroethene, Total	100				0		2.58	

Reagents:

8260ISSUR50_00015

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08863.D

Injection Date: 22-May-2015 23:48:30

Instrument ID: CVOAMS3

Operator ID: VOA GC/MS3

Lims ID: 460-94855-A-1

Lab Sample ID: 460-94855-1

Worklist Smp#: 9

Client ID: EX1-CP-00-051415

Purge Vol: 5.000 mL

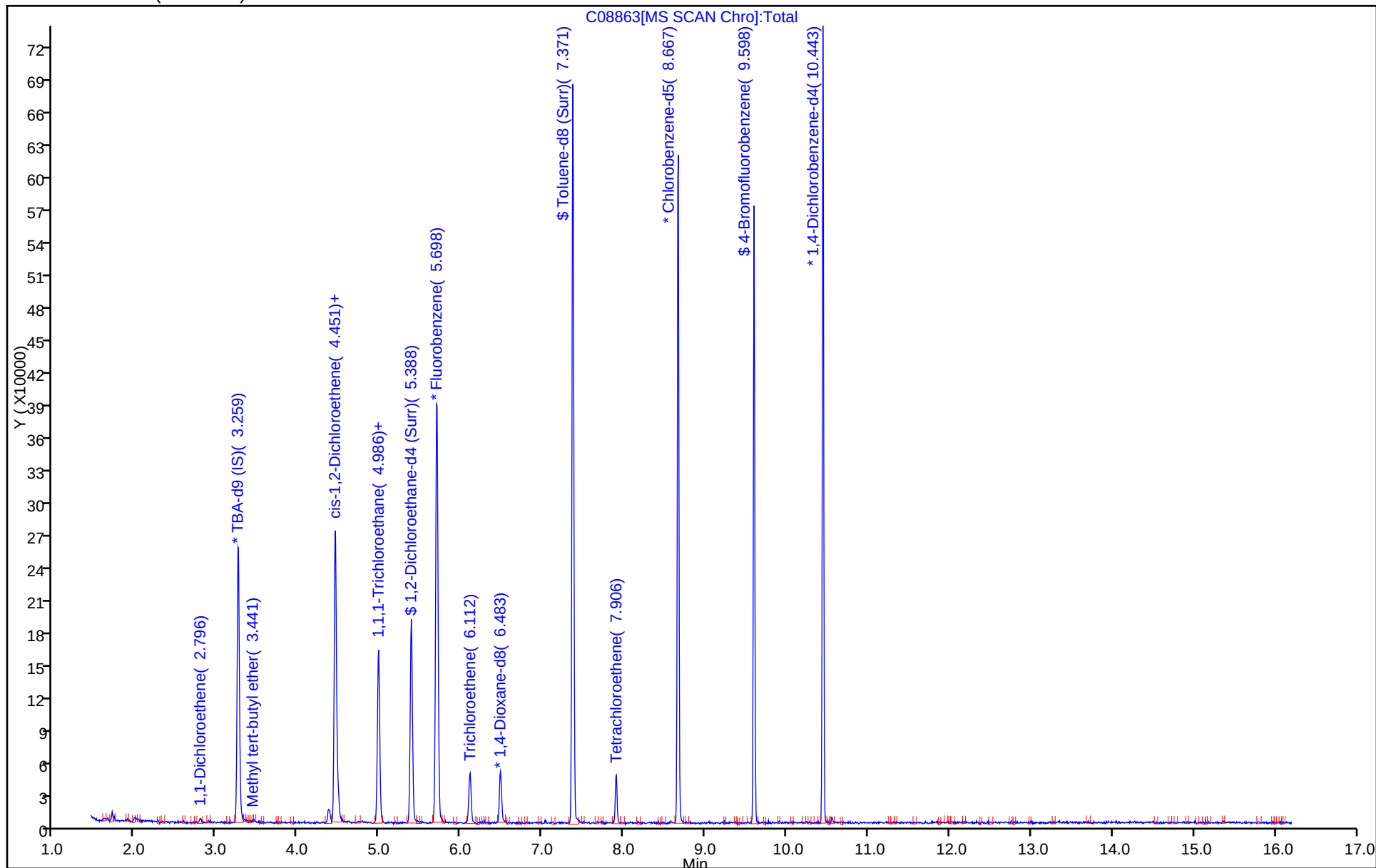
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08863.D

Injection Date: 22-May-2015 23:48:30

Instrument ID: CVOAMS3

Lims ID: 460-94855-A-1

Lab Sample ID: 460-94855-1

Client ID: EX1-CP-00-051415

Operator ID: VOA GC/MS3

ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL

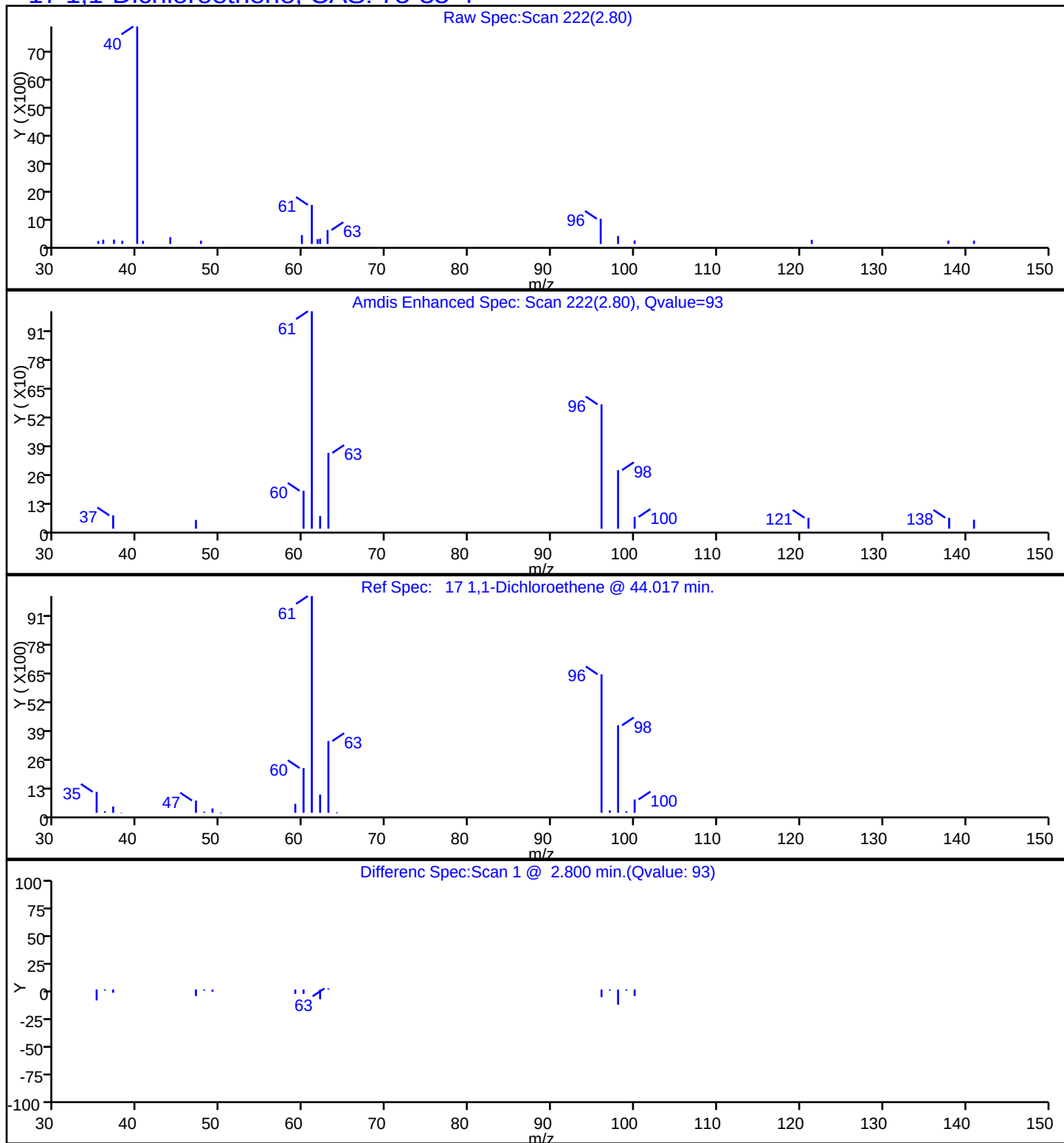
Dil. Factor: 1.0000

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

17 1,1-Dichloroethene, CAS: 75-35-4

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08863.D

Injection Date: 22-May-2015 23:48:30

Instrument ID: CVOAMS3

Lims ID: 460-94855-A-1

Lab Sample ID: 460-94855-1

Client ID: EX1-CP-00-051415

Operator ID: VOA GC/MS3

ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL

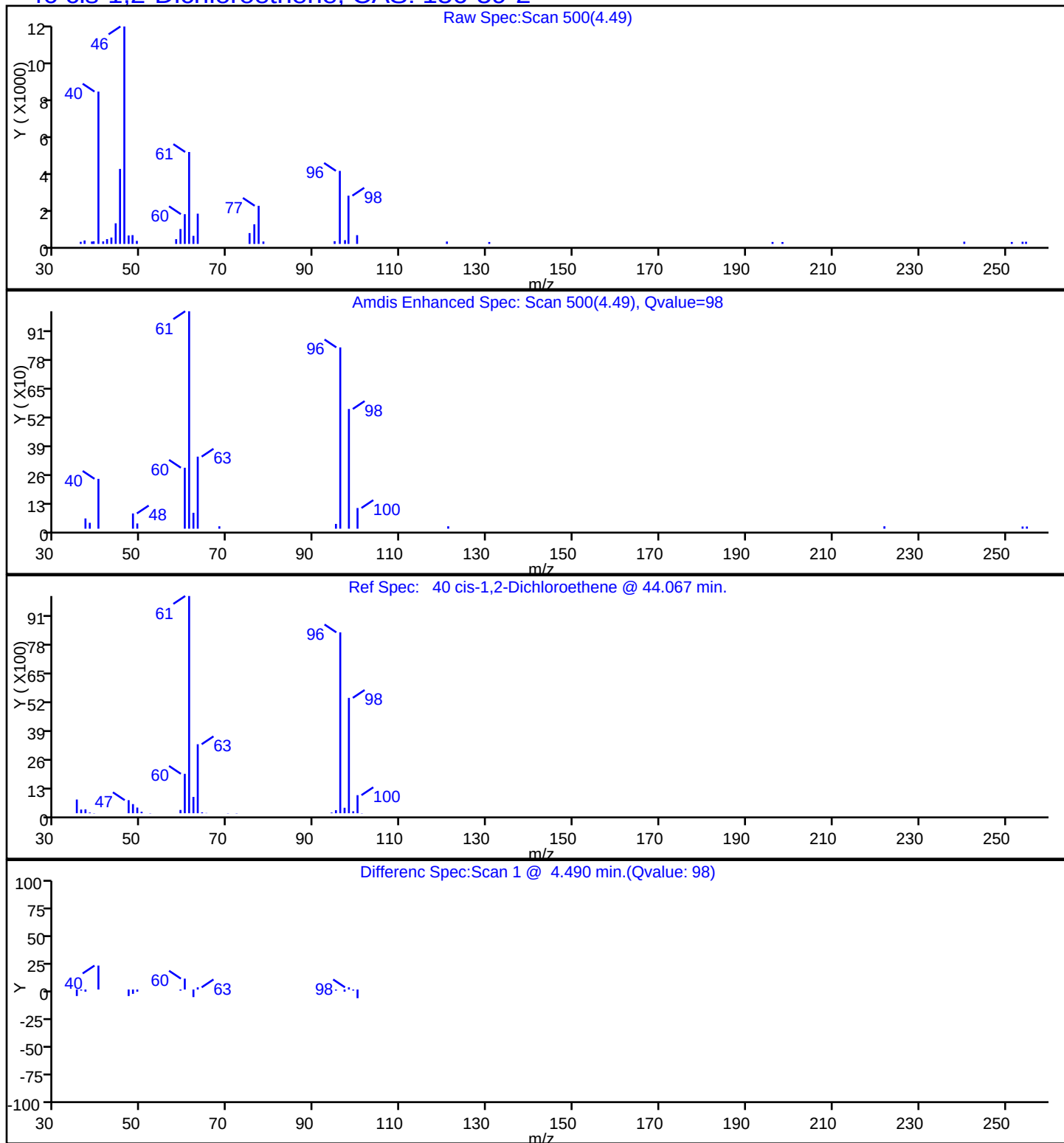
Dil. Factor: 1.0000

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

40 cis-1,2-Dichloroethene, CAS: 156-59-2

TestAmerica Edison

Data File: \\ChromNA\IG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08863.D

Injection Date: 22-May-2015 23:48:30

Instrument ID: CVOAMS3

Lims ID: 460-94855-A-1

Lab Sample ID: 460-94855-1

Client ID: EX1-CP-00-051415

Operator ID: VOA GC/MS3

ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL

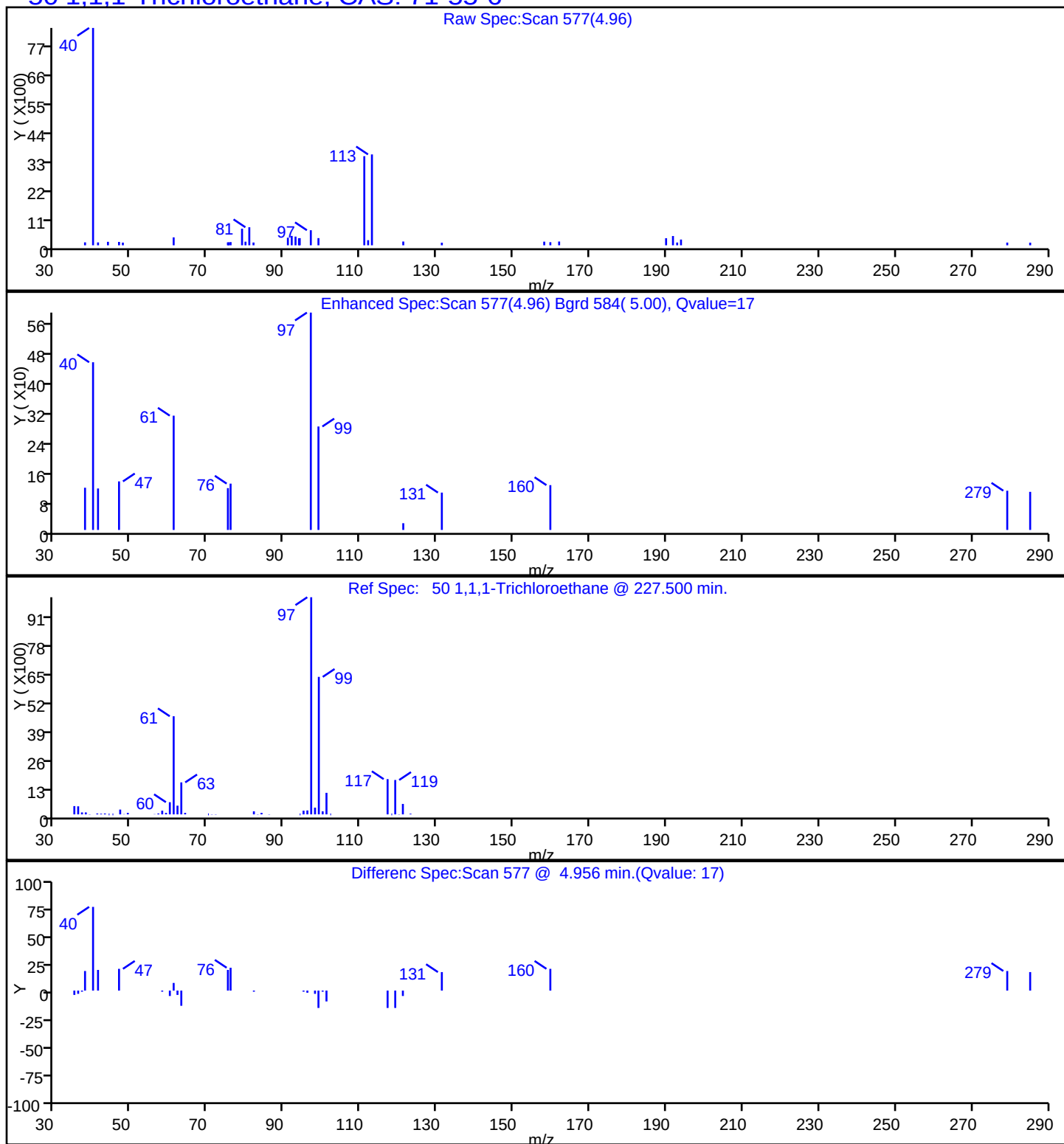
Dil. Factor: 1.0000

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

50 1,1,1-Trichloroethane, CAS: 71-55-6

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08863.D

Injection Date: 22-May-2015 23:48:30

Instrument ID: CVOAMS3

Lims ID: 460-94855-A-1

Lab Sample ID: 460-94855-1

Client ID: EX1-CP-00-051415

Operator ID: VOA GC/MS3

ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL

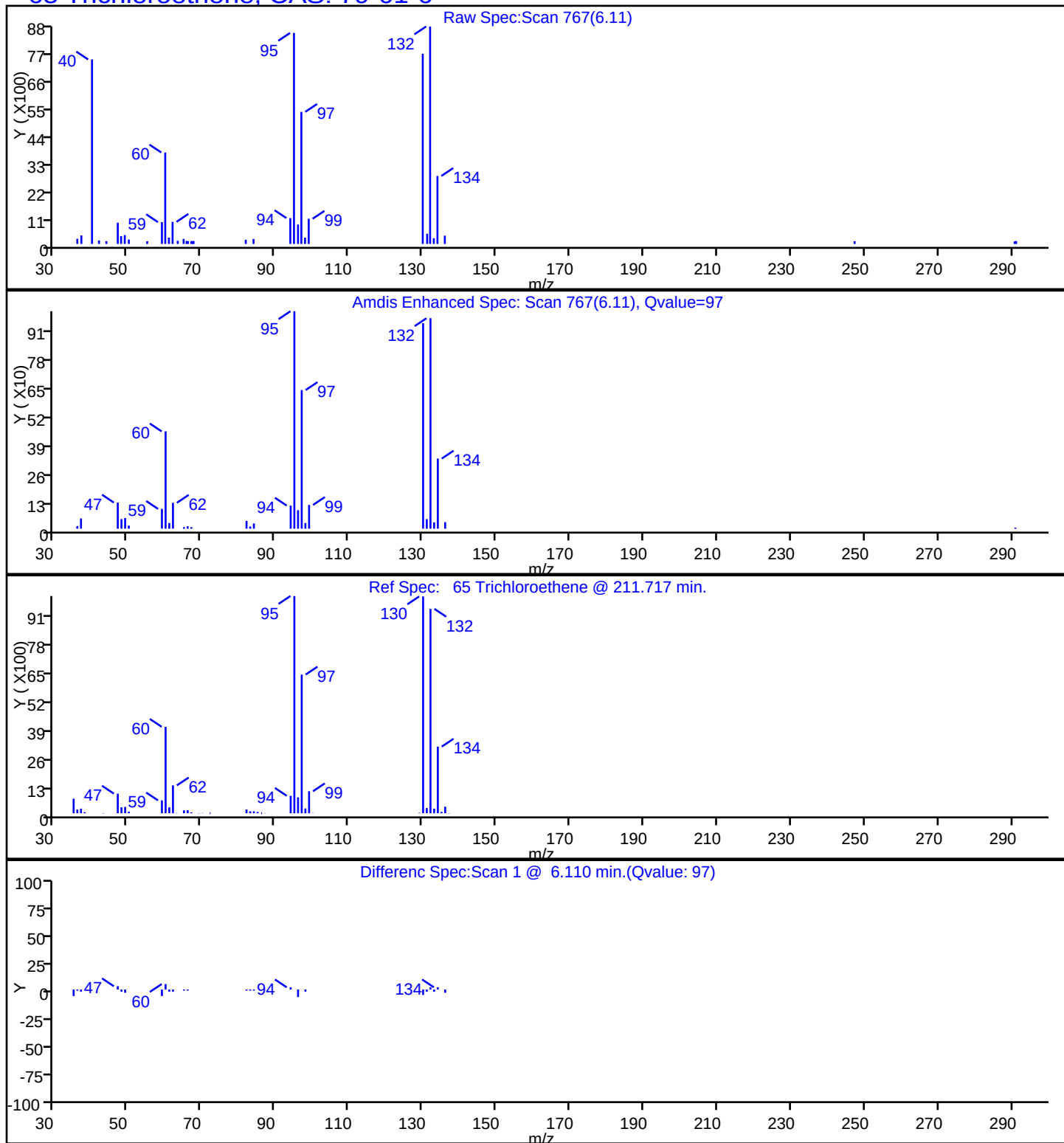
Dil. Factor: 1.0000

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

65 Trichloroethene, CAS: 79-01-6

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08863.D

Injection Date: 22-May-2015 23:48:30

Instrument ID: CVOAMS3

Lims ID: 460-94855-A-1

Lab Sample ID: 460-94855-1

Client ID: EX1-CP-00-051415

Operator ID: VOA GC/MS3

ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL

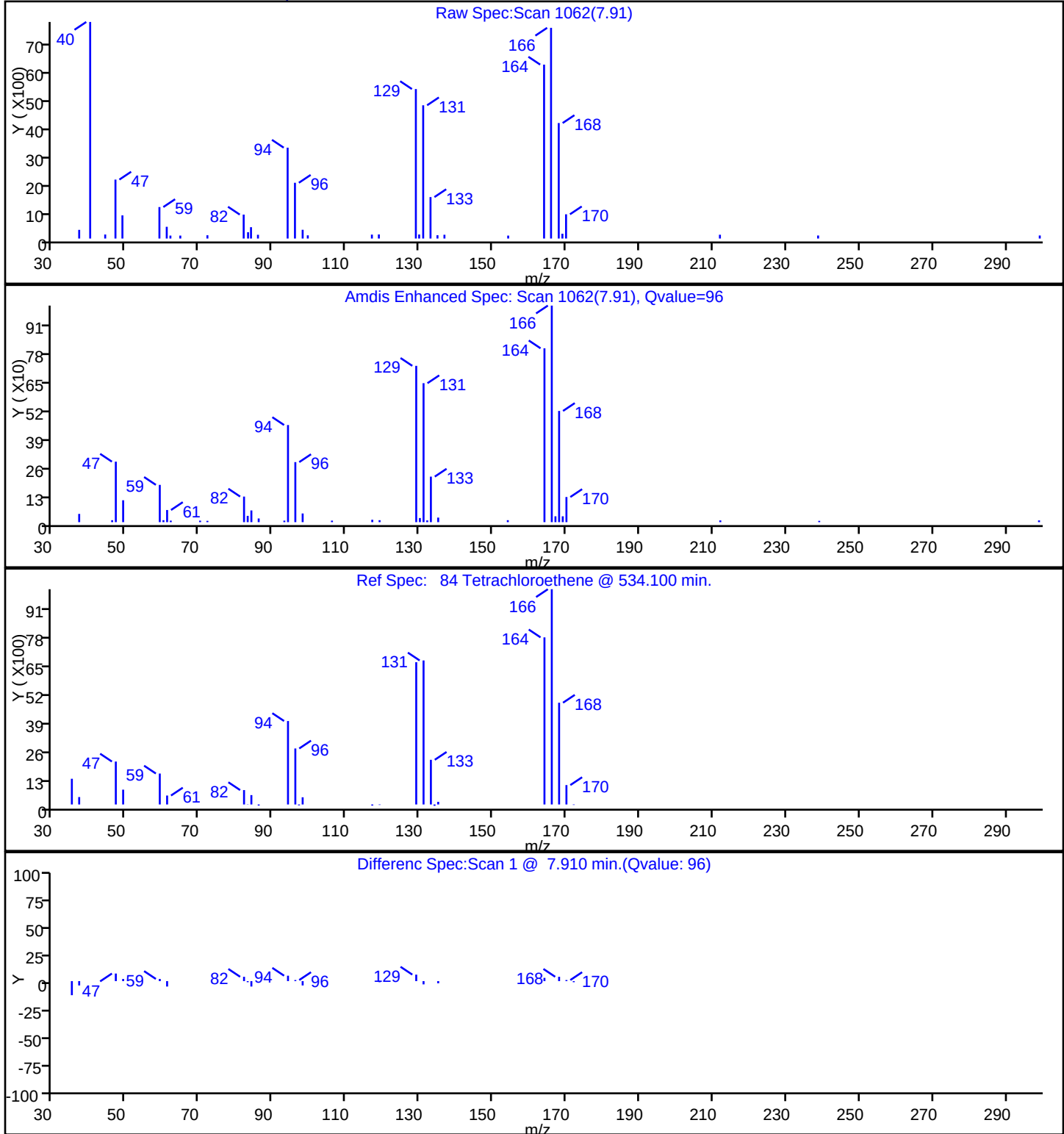
Dil. Factor: 1.0000

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

84 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08863.D

Injection Date: 22-May-2015 23:48:30

Instrument ID: CVOAMS3

Lims ID: 460-94855-A-1

Lab Sample ID: 460-94855-1

Client ID: EX1-CP-00-051415

Operator ID: VOA GC/MS3

ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL

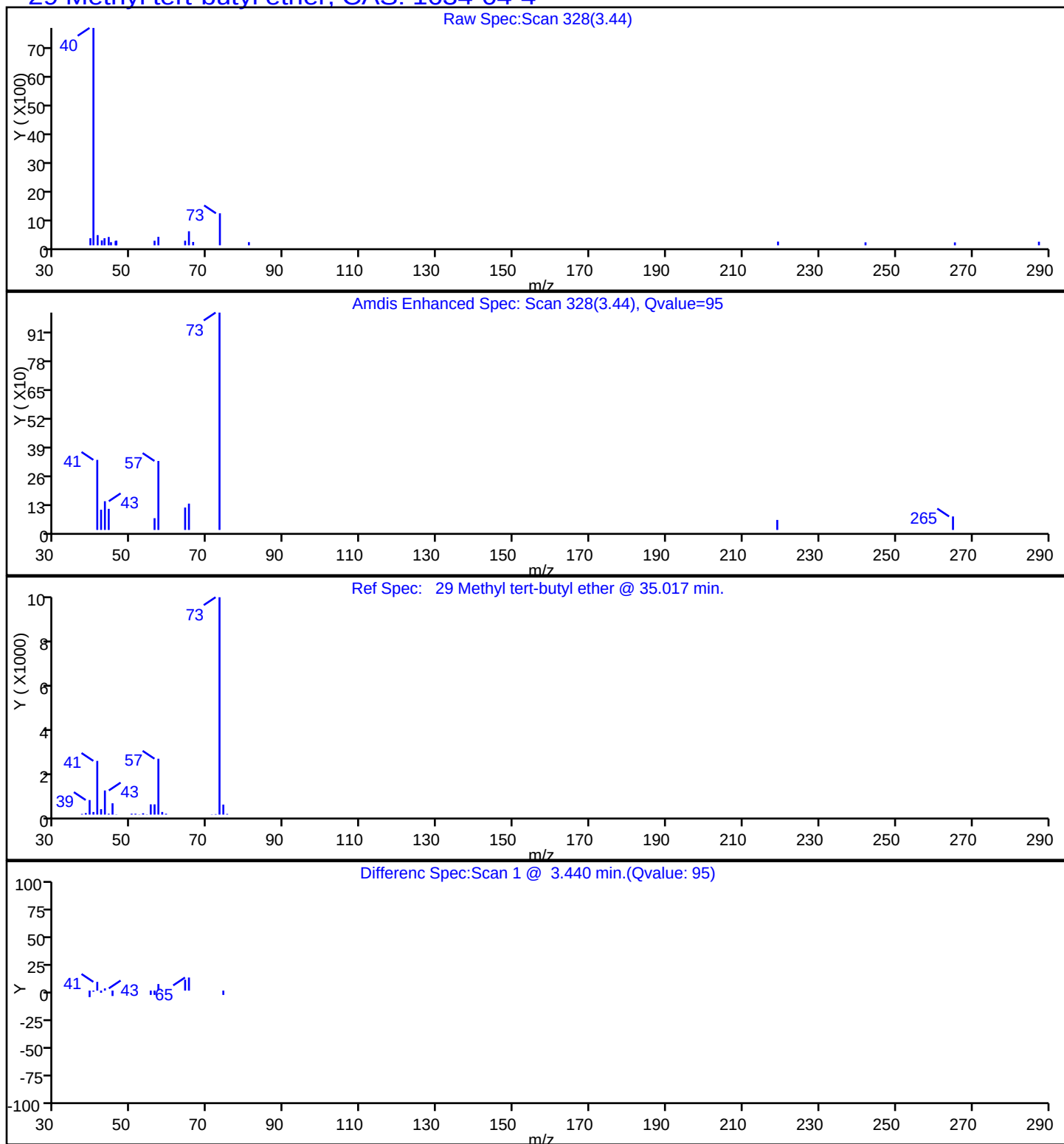
Dil. Factor: 1.0000

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

29 Methyl tert-butyl ether, CAS: 1634-04-4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-94855-1</u>
SDG No.: _____	
Client Sample ID: <u>EX1-CP-01-051415</u>	Lab Sample ID: <u>460-94855-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>C08864.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>05/13/2015 08:40</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>05/23/2015 00:13</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>300464</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	5.0	U	5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.43	J	1.0	0.34
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	2.6		1.0	0.26
67-66-3	Chloroform	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-93-3	2-Butanone	5.0	U	5.0	2.2
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	5.8		1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	1.0	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	4.7		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Client Sample ID: EX1-CP-01-051415 Lab Sample ID: 460-94855-2
 Matrix: Water Lab File ID: C08864.D
 Analysis Method: 8260C Date Collected: 05/13/2015 08:40
 Sample wt/vol: 5 (mL) Date Analyzed: 05/23/2015 00:13
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 300464 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.29	J	1.0	0.13
110-82-7	Cyclohexane	1.0	U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	50	U	50	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-130
2037-26-5	Toluene-d8 (Surr)	112		70-130
460-00-4	4-Bromofluorobenzene	110		64-135
1868-53-7	Dibromofluoromethane (Surr)	103		72-137

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08864.D
 Lims ID: 460-94855-A-2 Lab Sample ID: 460-94855-2
 Client ID: EX1-CP-01-051415
 Sample Type: Client
 Inject. Date: 23-May-2015 00:13:30 ALS Bottle#: 9 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-94855-A-2
 Misc. Info.: 460-0027731-010
 Operator ID: VOA GC/MS3 Instrument ID: CVOAMS3
 Method: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150522-27731.b\8260W_3.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 23-May-2015 07:53:32 Calib Date: 12-Apr-2015 23:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150412-26140.b\C06941.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK016

First Level Reviewer: desais

Date: 23-May-2015 07:46:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
17 1,1-Dichloroethene	96	2.802	2.796	0.006	92	1183	0.4344	
* 26 TBA-d9 (IS)	65	3.259	3.265	-0.006	88	284772	1000.0	
29 Methyl tert-butyl ether	73	3.447	3.441	0.006	96	2259	0.2935	
* 164 2-Butanone-d5	46	4.451	4.451	0.000	100	356386	250.0	
40 cis-1,2-Dichloroethene	96	4.494	4.488	0.006	95	7548	2.63	
\$ 51 Dibromofluoromethane (Surr	113	4.986	4.986	0.000	94	96449	51.6	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.388	5.388	0.000	91	131339	52.5	
* 61 Fluorobenzene	96	5.698	5.704	-0.006	98	375186	50.0	
65 Trichloroethene	95	6.106	6.112	-0.006	96	16754	5.85	
* 68 1,4-Dioxane-d8	96	6.483	6.483	0.000	95	34482	1000.0	
\$ 79 Toluene-d8 (Surr)	98	7.371	7.371	0.000	99	396779	56.0	
84 Tetrachloroethene	166	7.906	7.906	0.000	92	11910	4.72	
* 90 Chlorobenzene-d5	117	8.667	8.667	0.000	88	275651	50.0	
\$ 101 4-Bromofluorobenzene	174	9.598	9.598	0.000	89	113968	55.0	
* 118 1,4-Dichlorobenzene-d4	152	10.443	10.443	0.000	97	137914	50.0	

Reagents:

8260ISSUR50_00015

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08864.D

Injection Date: 23-May-2015 00:13:30

Instrument ID: CVOAMS3

Operator ID: VOA GC/MS3

Lims ID: 460-94855-A-2

Lab Sample ID: 460-94855-2

Worklist Smp#: 10

Client ID: EX1-CP-01-051415

Purge Vol: 5.000 mL

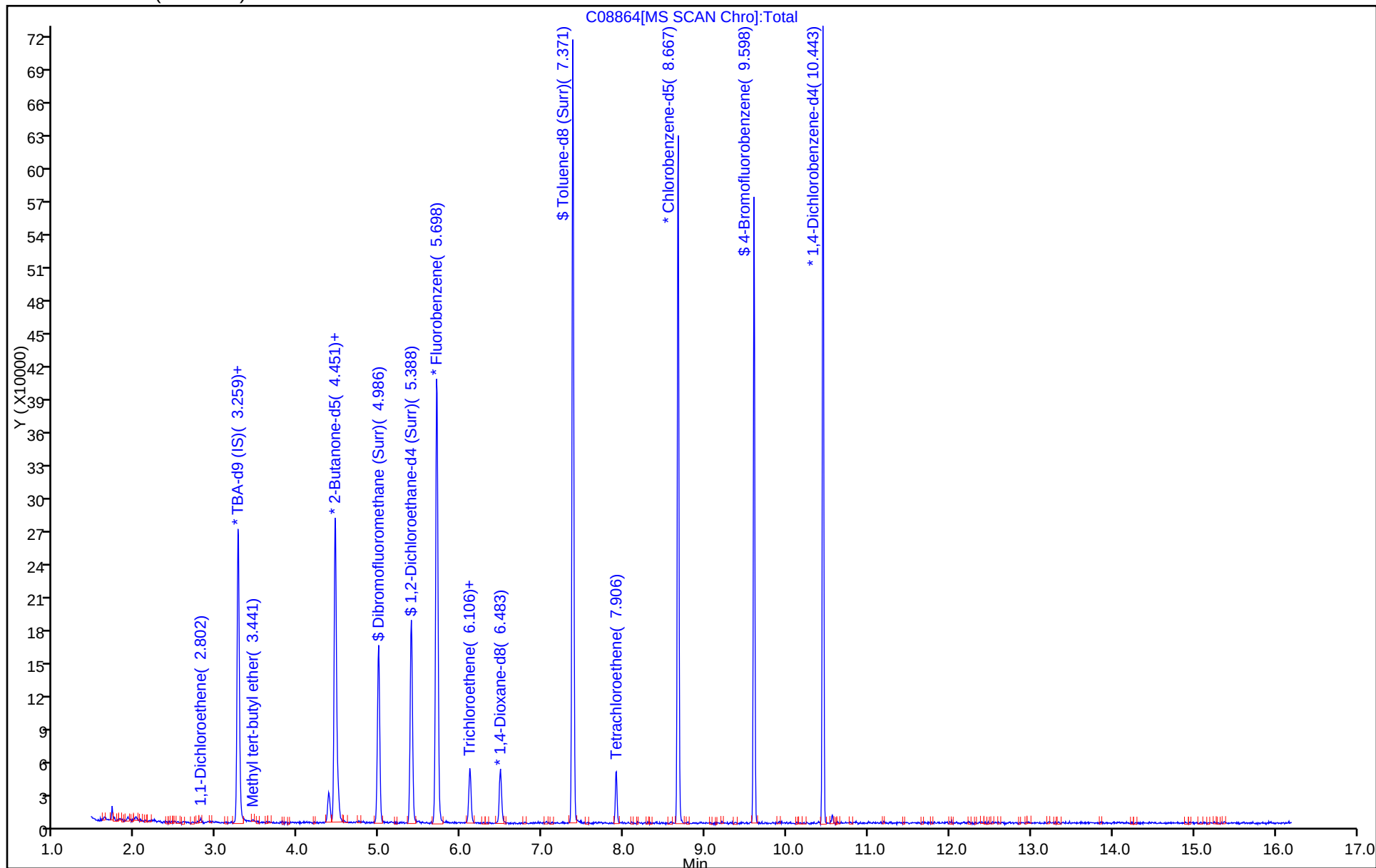
Dil. Factor: 1.0000

ALS Bottle#: 9

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08864.D

Injection Date: 23-May-2015 00:13:30

Instrument ID: CVOAMS3

Lims ID: 460-94855-A-2

Lab Sample ID: 460-94855-2

Client ID: EX1-CP-01-051415

Operator ID: VOA GC/MS3

ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 5.000 mL

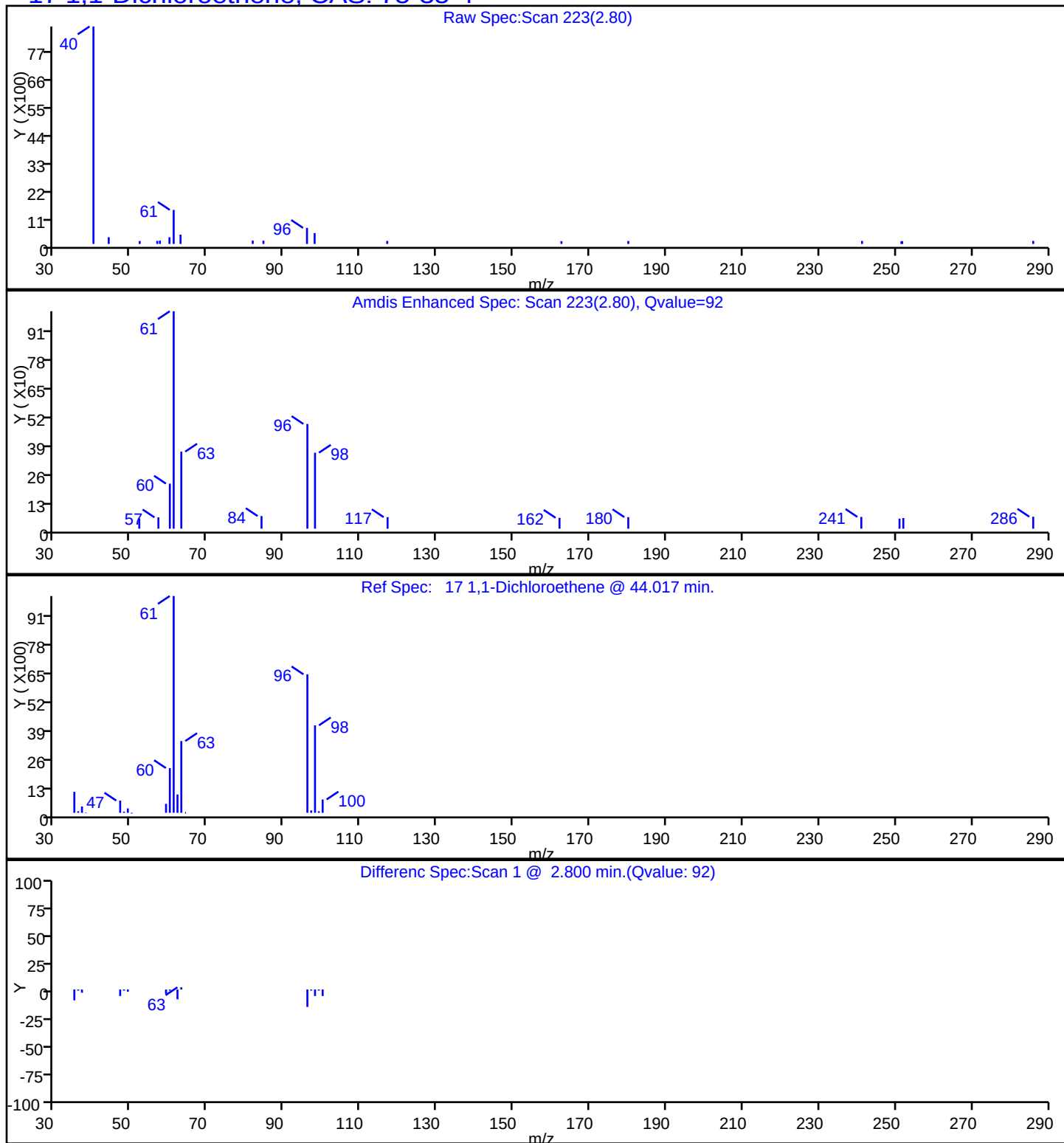
Dil. Factor: 1.0000

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

17 1,1-Dichloroethene, CAS: 75-35-4

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08864.D

Injection Date: 23-May-2015 00:13:30

Instrument ID: CVOAMS3

Lims ID: 460-94855-A-2

Lab Sample ID: 460-94855-2

Client ID: EX1-CP-01-051415

Operator ID: VOA GC/MS3

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 5.000 mL

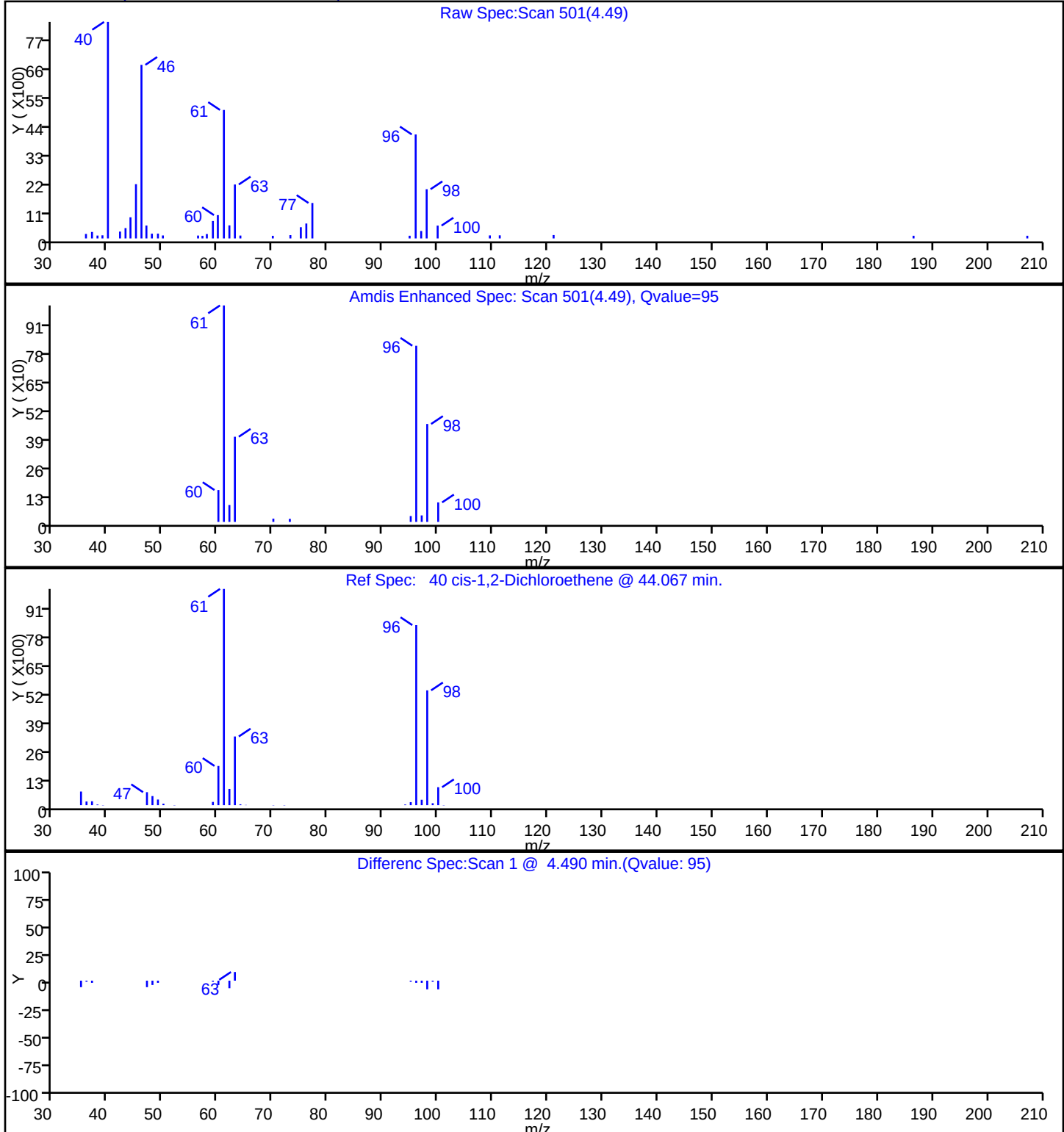
Dil. Factor: 1.0000

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

40 cis-1,2-Dichloroethene, CAS: 156-59-2

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08864.D

Injection Date: 23-May-2015 00:13:30

Instrument ID: CVOAMS3

Lims ID: 460-94855-A-2

Lab Sample ID: 460-94855-2

Client ID: EX1-CP-01-051415

Operator ID: VOA GC/MS3

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 5.000 mL

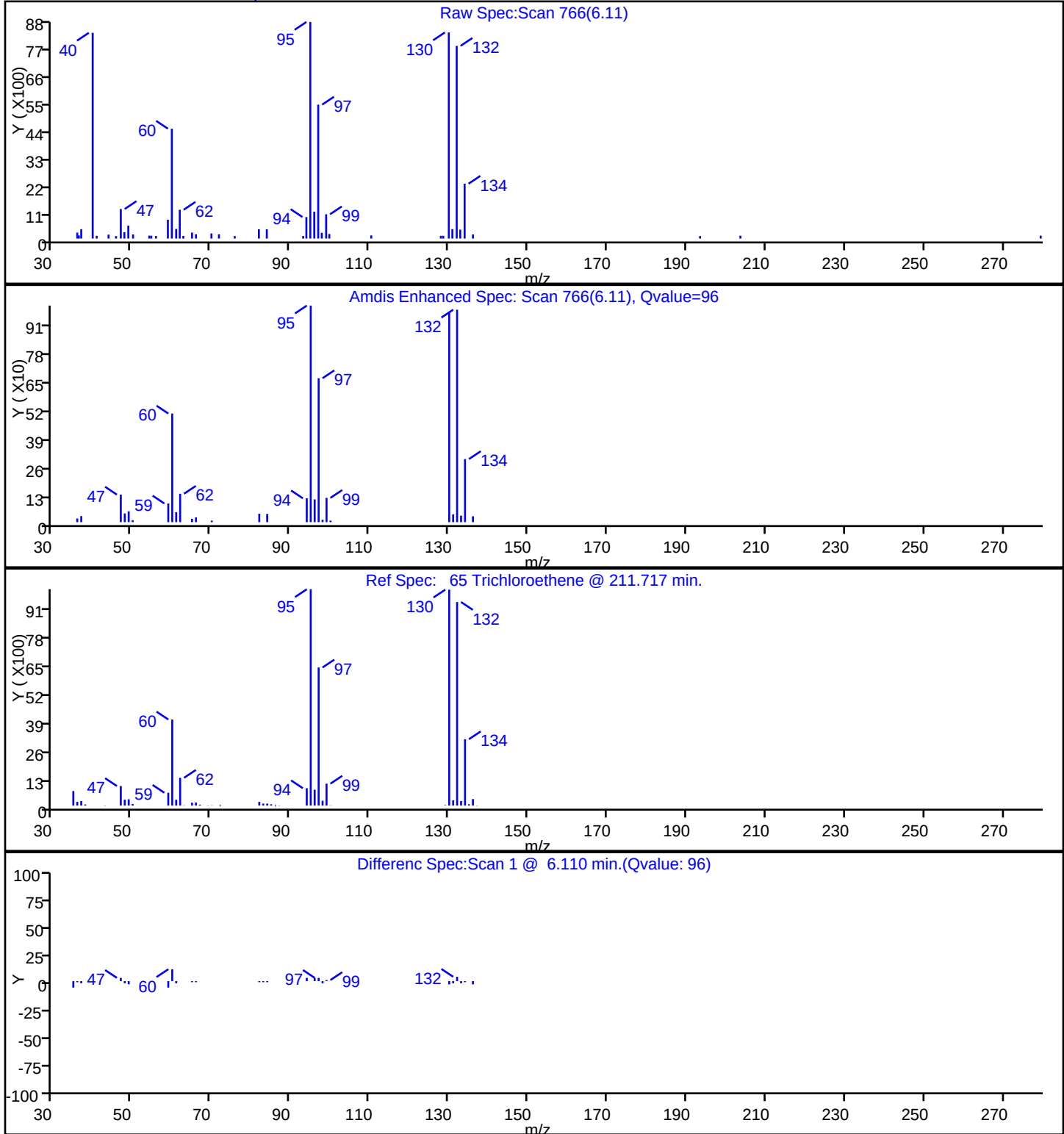
Dil. Factor: 1.0000

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

65 Trichloroethene, CAS: 79-01-6

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08864.D

Injection Date: 23-May-2015 00:13:30

Instrument ID: CVOAMS3

Lims ID: 460-94855-A-2

Lab Sample ID: 460-94855-2

Client ID: EX1-CP-01-051415

Operator ID: VOA GC/MS3

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 5.000 mL

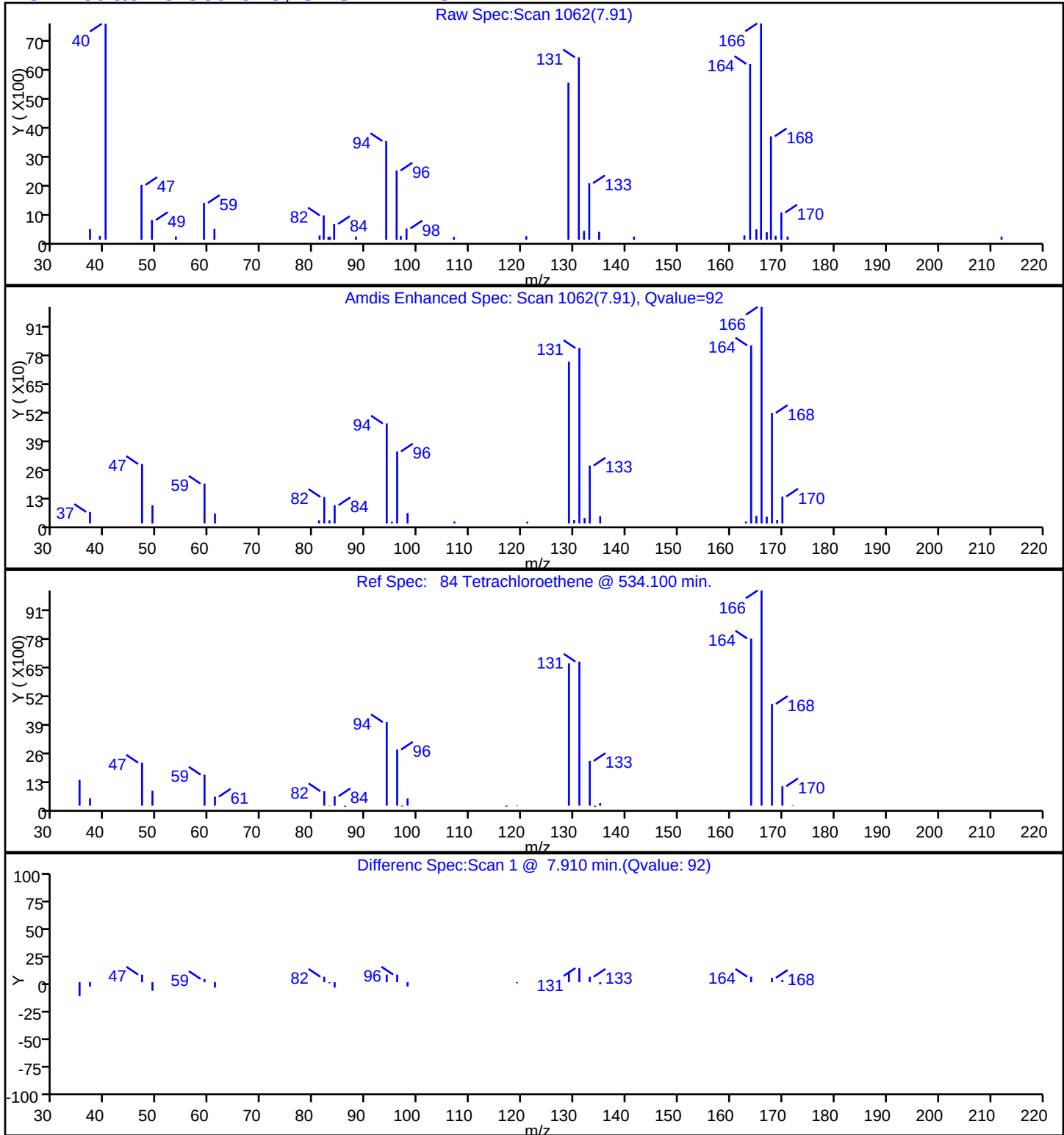
Dil. Factor: 1.0000

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

84 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08864.D

Injection Date: 23-May-2015 00:13:30

Instrument ID: CVOAMS3

Lims ID: 460-94855-A-2

Lab Sample ID: 460-94855-2

Client ID: EX1-CP-01-051415

Operator ID: VOA GC/MS3

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 5.000 mL

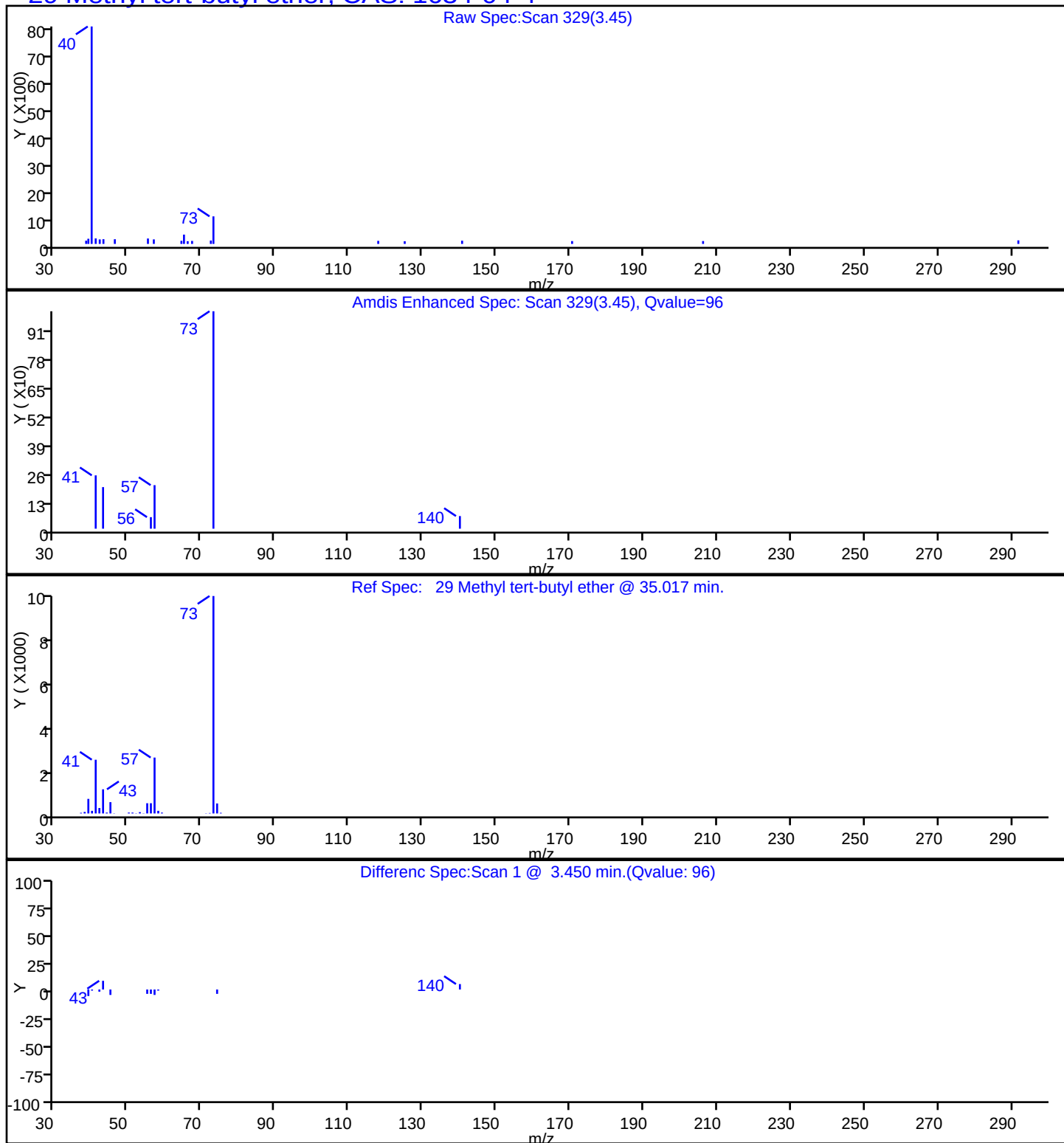
Dil. Factor: 1.0000

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

29 Methyl tert-butyl ether, CAS: 1634-04-4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-94855-1</u>
SDG No.: _____	
Client Sample ID: <u>EX2-CP-00-051415</u>	Lab Sample ID: <u>460-94855-3</u>
Matrix: <u>Water</u>	Lab File ID: <u>C08865.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>05/13/2015 10:05</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>05/23/2015 00:39</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>300464</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	5.0	U	5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	0.59	J	1.0	0.26
67-66-3	Chloroform	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-93-3	2-Butanone	5.0	U	5.0	2.2
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	1.4		1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	1.0	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	0.53	J	1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Client Sample ID: EX2-CP-00-051415 Lab Sample ID: 460-94855-3

Matrix: Water Lab File ID: C08865.D

Analysis Method: 8260C Date Collected: 05/13/2015 10:05

Sample wt/vol: 5 (mL) Date Analyzed: 05/23/2015 00:39

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 300464 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.23	J	1.0	0.13
110-82-7	Cyclohexane	1.0	U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	50	U	50	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-130
2037-26-5	Toluene-d8 (Surr)	110		70-130
460-00-4	4-Bromofluorobenzene	110		64-135
1868-53-7	Dibromofluoromethane (Surr)	103		72-137

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08865.D
 Lims ID: 460-94855-A-3 Lab Sample ID: 460-94855-3
 Client ID: EX2-CP-00-051415
 Sample Type: Client
 Inject. Date: 23-May-2015 00:39:30 ALS Bottle#: 10 Worklist Smp#: 11
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-94855-A-3
 Misc. Info.: 460-0027731-011
 Operator ID: VOA GC/MS3 Instrument ID: CVOAMS3
 Method: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150522-27731.b\8260W_3.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 23-May-2015 07:53:32 Calib Date: 12-Apr-2015 23:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150412-26140.b\C06941.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK016

First Level Reviewer: desais

Date: 23-May-2015 07:46:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.259	3.265	-0.007	88	282025	1000.0	
29 Methyl tert-butyl ether	73	3.435	3.441	-0.006	69	1821	0.2320	
* 164 2-Butanone-d5	46	4.451	4.451	0.000	100	351956	250.0	
40 cis-1,2-Dichloroethene	96	4.487	4.488	-0.001	96	1726	0.5898	
\$ 51 Dibromofluoromethane (Surr	113	4.980	4.986	-0.006	94	97836	51.4	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.388	5.388	0.000	92	132148	51.8	
* 61 Fluorobenzene	96	5.698	5.704	-0.006	98	382641	50.0	
65 Trichloroethene	95	6.106	6.112	-0.006	93	4205	1.44	
* 68 1,4-Dioxane-d8	96	6.483	6.483	0.000	97	35802	1000.0	
\$ 79 Toluene-d8 (Surr)	98	7.371	7.371	0.000	99	404475	55.2	
84 Tetrachloroethene	166	7.906	7.906	0.000	90	1373	0.5270	
* 90 Chlorobenzene-d5	117	8.667	8.667	0.000	88	284880	50.0	
\$ 101 4-Bromofluorobenzene	174	9.598	9.598	0.000	88	117907	54.9	
* 118 1,4-Dichlorobenzene-d4	152	10.443	10.443	0.000	96	142794	50.0	

Reagents:

8260ISSUR50_00015

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08865.D

Injection Date: 23-May-2015 00:39:30

Instrument ID: CVOAMS3

Operator ID: VOA GC/MS3

Lims ID: 460-94855-A-3

Lab Sample ID: 460-94855-3

Worklist Smp#: 11

Client ID: EX2-CP-00-051415

Purge Vol: 5.000 mL

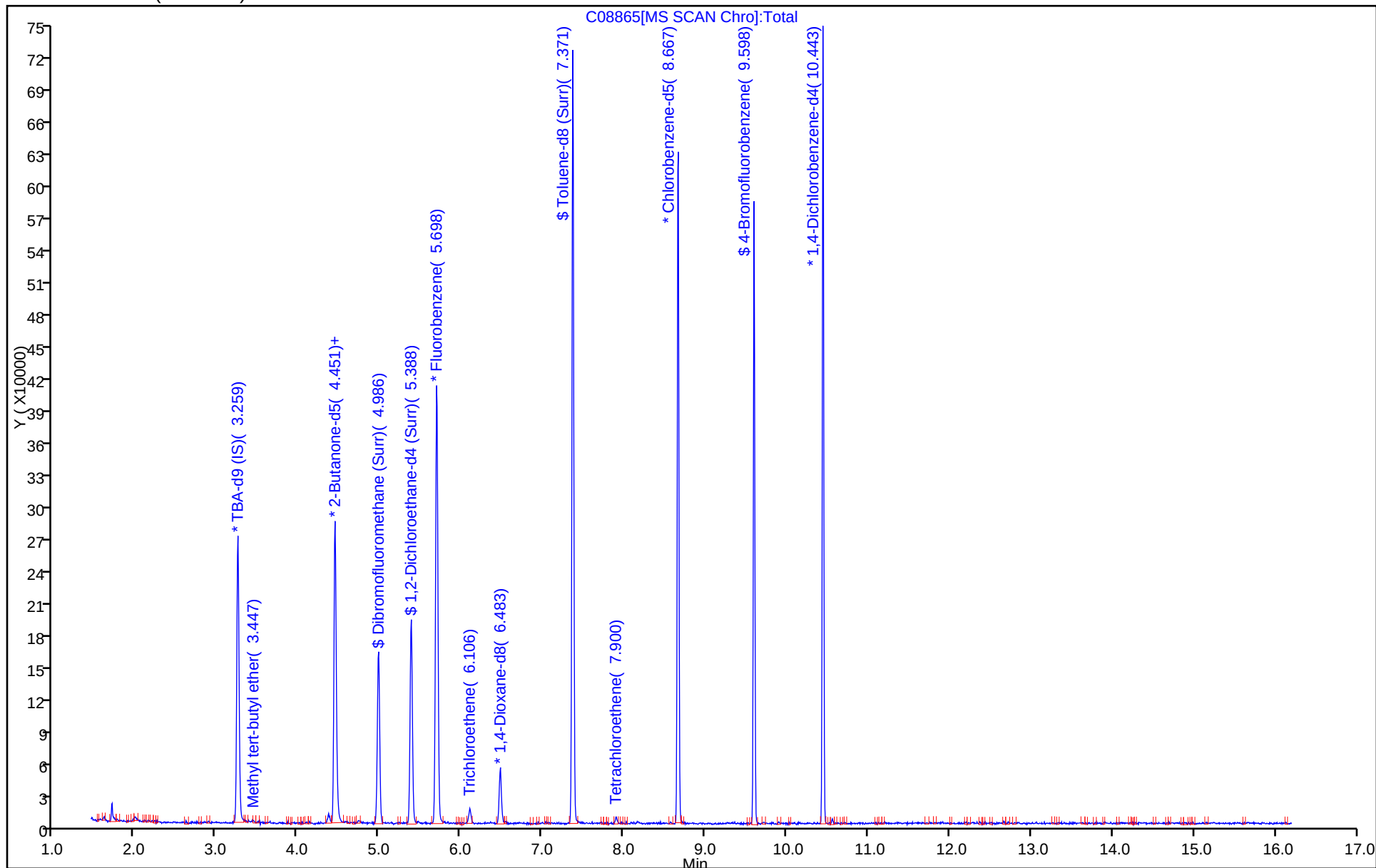
Dil. Factor: 1.0000

ALS Bottle#: 10

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08865.D

Injection Date: 23-May-2015 00:39:30

Instrument ID: CVOAMS3

Lims ID: 460-94855-A-3

Lab Sample ID: 460-94855-3

Client ID: EX2-CP-00-051415

Operator ID: VOA GC/MS3

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

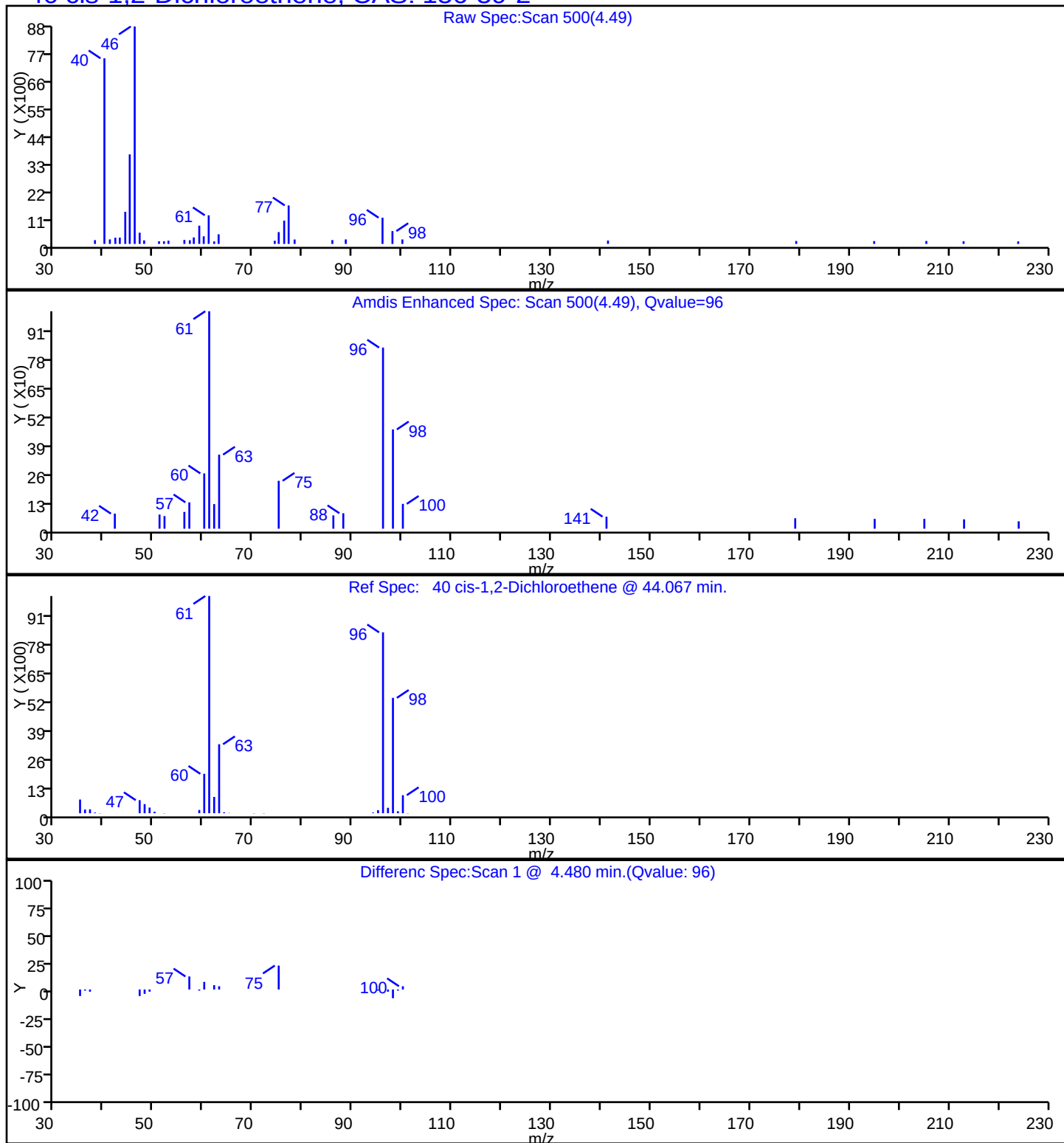
Dil. Factor: 1.0000

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

40 cis-1,2-Dichloroethene, CAS: 156-59-2

TestAmerica Edison

Data File: \\ChromNA\IG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08865.D

Injection Date: 23-May-2015 00:39:30

Instrument ID: CVOAMS3

Lims ID: 460-94855-A-3

Lab Sample ID: 460-94855-3

Client ID: EX2-CP-00-051415

Operator ID: VOA GC/MS3

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

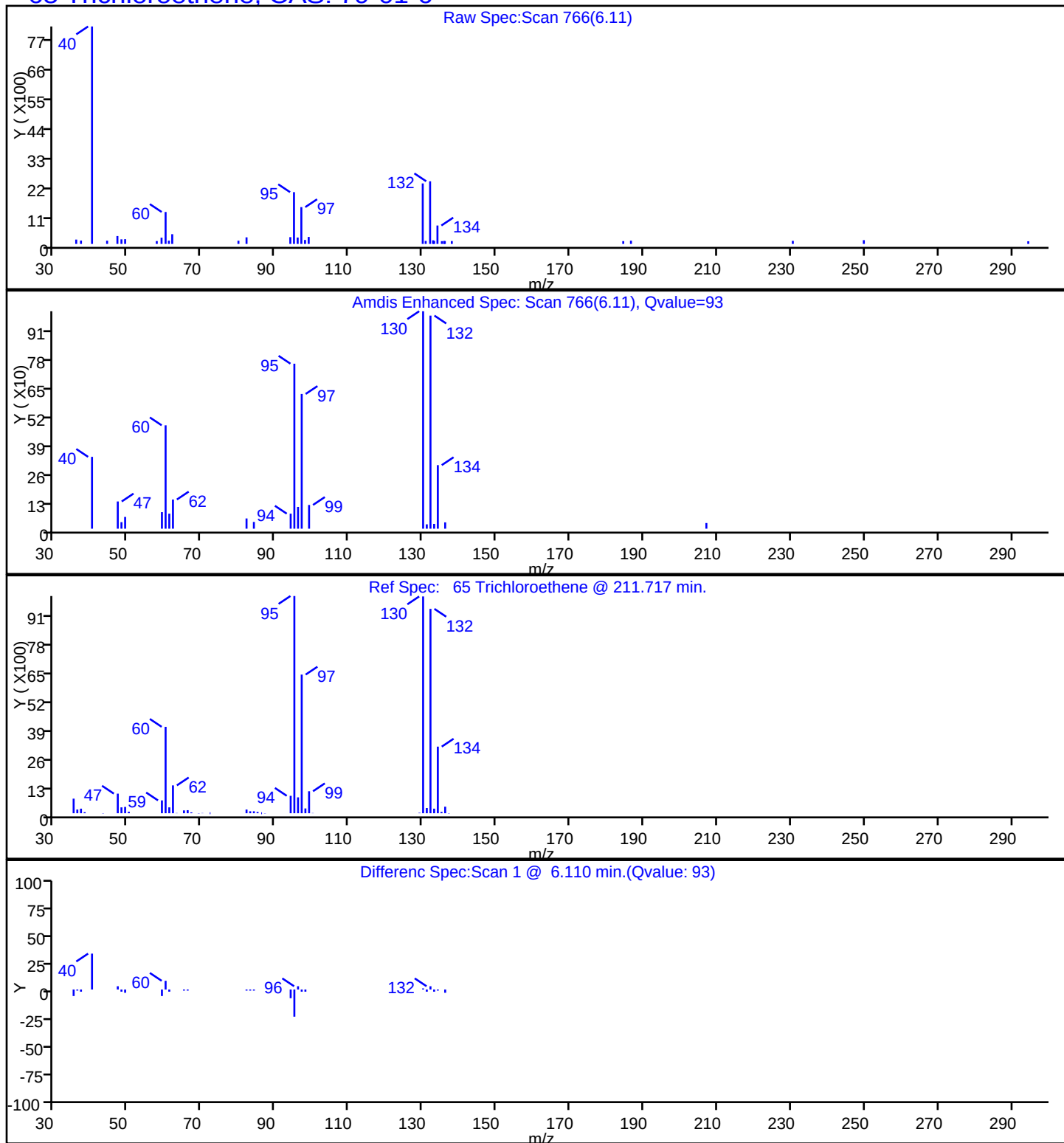
Dil. Factor: 1.0000

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

65 Trichloroethene, CAS: 79-01-6

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08865.D

Injection Date: 23-May-2015 00:39:30

Instrument ID: CVOAMS3

Lims ID: 460-94855-A-3

Lab Sample ID: 460-94855-3

Client ID: EX2-CP-00-051415

Operator ID: VOA GC/MS3

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

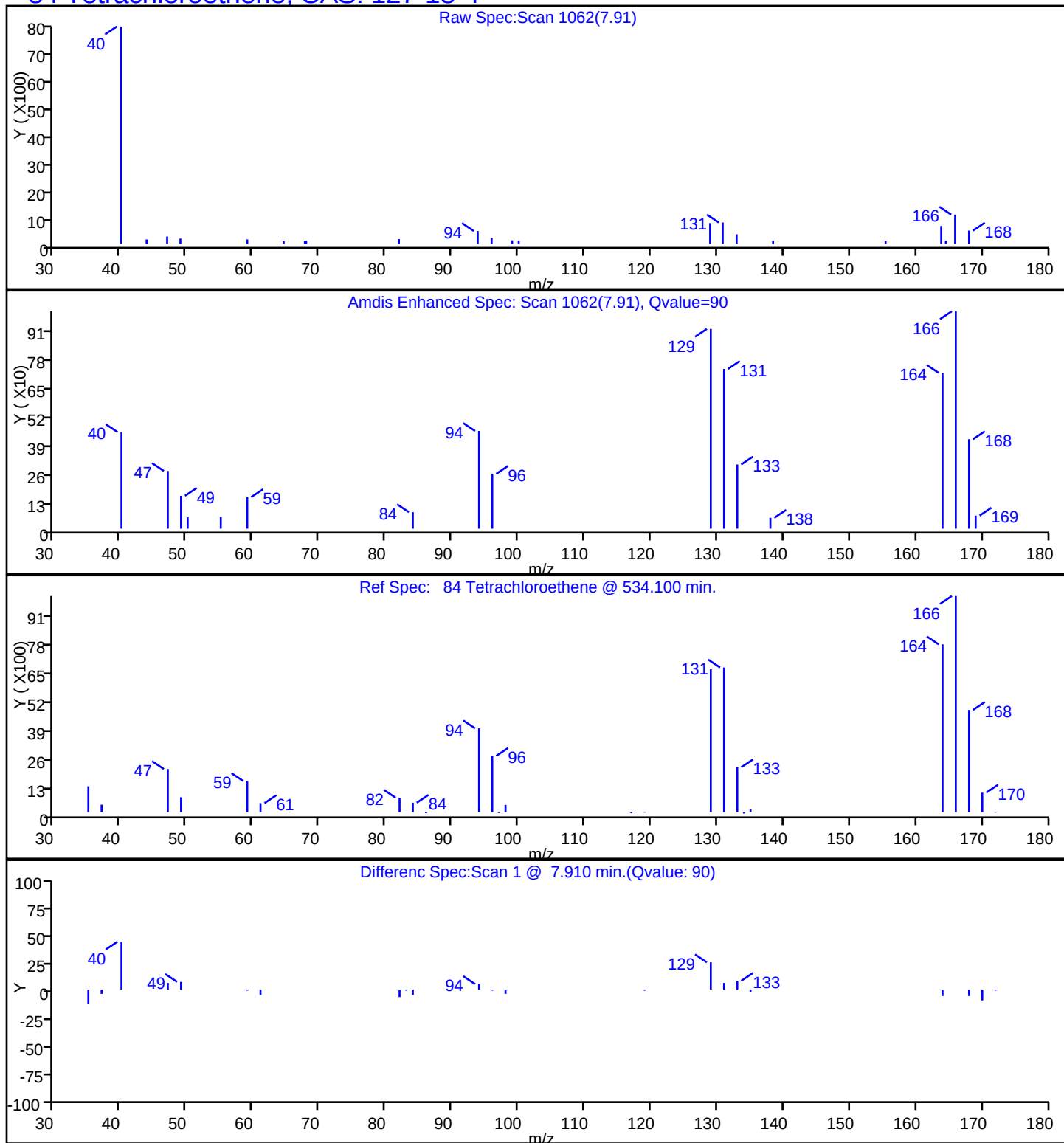
Dil. Factor: 1.0000

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

84 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08865.D

Injection Date: 23-May-2015 00:39:30

Instrument ID: CVOAMS3

Lims ID: 460-94855-A-3

Lab Sample ID: 460-94855-3

Client ID: EX2-CP-00-051415

Operator ID: VOA GC/MS3

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

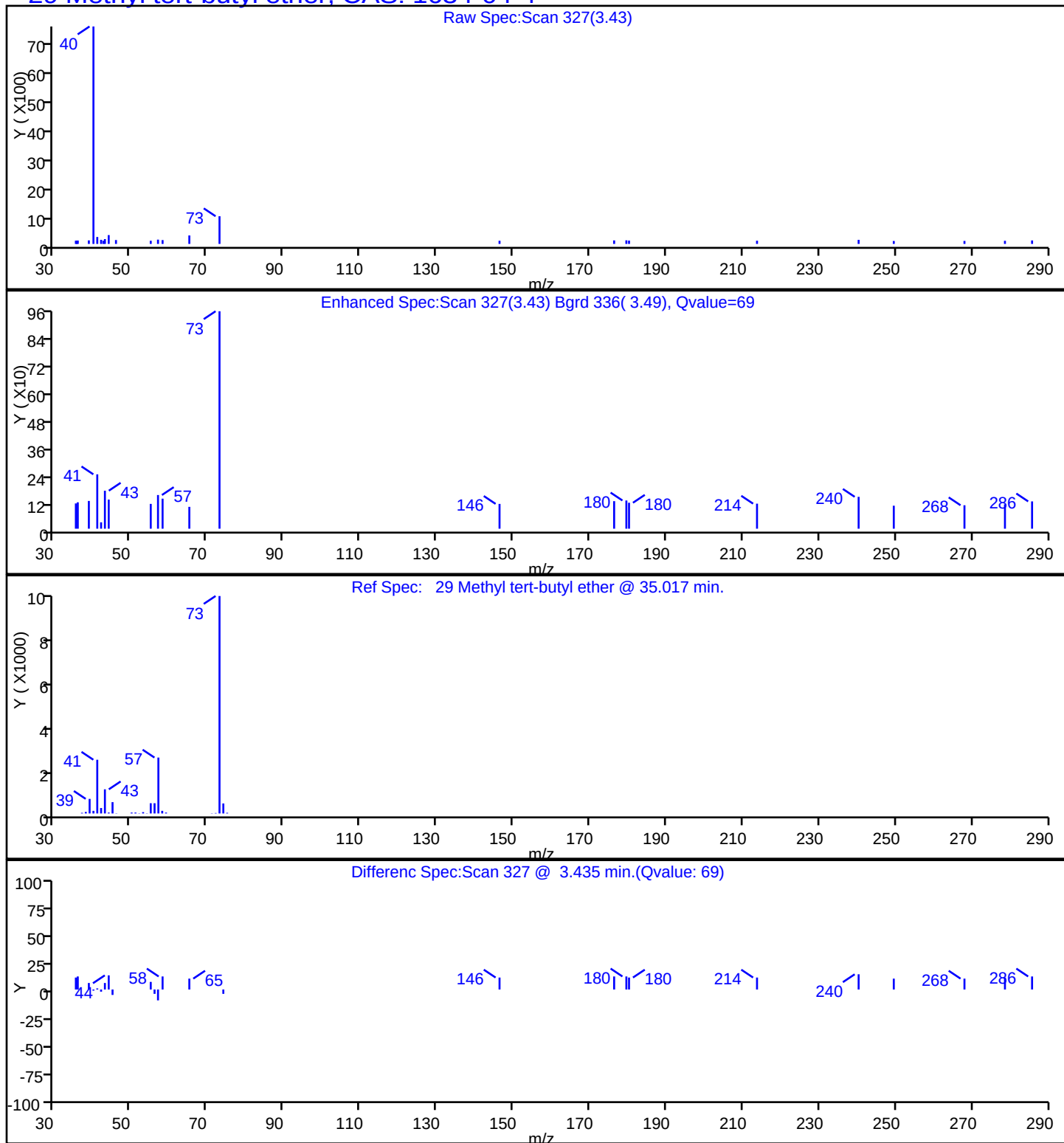
Dil. Factor: 1.0000

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

29 Methyl tert-butyl ether, CAS: 1634-04-4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-94855-1</u>
SDG No.: _____	
Client Sample ID: <u>EX3-CP-00-051415</u>	Lab Sample ID: <u>460-94855-4</u>
Matrix: <u>Water</u>	Lab File ID: <u>C08866.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>05/13/2015 11:10</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>05/23/2015 01:04</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>300464</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	5.0	U	5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.2		1.0	0.34
75-34-3	1,1-Dichloroethane	0.28	J	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	2.8		1.0	0.26
67-66-3	Chloroform	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-93-3	2-Butanone	5.0	U	5.0	2.2
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	43		1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	1.0	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	4.6		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Client Sample ID: EX3-CP-00-051415 Lab Sample ID: 460-94855-4
 Matrix: Water Lab File ID: C08866.D
 Analysis Method: 8260C Date Collected: 05/13/2015 11:10
 Sample wt/vol: 5 (mL) Date Analyzed: 05/23/2015 01:04
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 300464 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.46	J	1.0	0.13
110-82-7	Cyclohexane	1.0	U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	50	U	50	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-130
2037-26-5	Toluene-d8 (Surr)	110		70-130
460-00-4	4-Bromofluorobenzene	107		64-135
1868-53-7	Dibromofluoromethane (Surr)	102		72-137

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08866.D
 Lims ID: 460-94855-A-4 Lab Sample ID: 460-94855-4
 Client ID: EX3-CP-00-051415
 Sample Type: Client
 Inject. Date: 23-May-2015 01:04:30 ALS Bottle#: 11 Worklist Smp#: 12
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-94855-A-4
 Misc. Info.: 460-0027731-012
 Operator ID: VOA GC/MS3 Instrument ID: CVOAMS3
 Method: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150522-27731.b\8260W_3.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 23-May-2015 07:53:32 Calib Date: 12-Apr-2015 23:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150412-26140.b\C06941.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK016

First Level Reviewer: desais

Date: 23-May-2015 07:47:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
17 1,1-Dichloroethene	96	2.802	2.796	0.006	96	3127	1.16	
* 26 TBA-d9 (IS)	65	3.253	3.265	-0.013	88	283914	1000.0	
29 Methyl tert-butyl ether	73	3.441	3.441	0.000	96	3473	0.4567	
34 1,1-Dichloroethane	63	3.916	3.916	0.000	93	1504	0.2794	
* 164 2-Butanone-d5	46	4.451	4.451	0.000	99	358111	250.0	
40 cis-1,2-Dichloroethene	96	4.494	4.488	0.006	95	7934	2.80	
\$ 51 Dibromofluoromethane (Surr	113	4.986	4.986	0.000	94	94157	51.0	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.388	5.388	0.000	91	129773	52.5	
* 61 Fluorobenzene	96	5.698	5.704	-0.006	98	370754	50.0	
65 Trichloroethene	95	6.106	6.112	-0.006	99	121649	43.0	
* 68 1,4-Dioxane-d8	96	6.477	6.483	-0.006	96	35460	1000.0	
\$ 79 Toluene-d8 (Surr)	98	7.371	7.371	0.000	99	391492	55.1	
84 Tetrachloroethene	166	7.906	7.906	0.000	94	11681	4.62	
* 90 Chlorobenzene-d5	117	8.667	8.667	0.000	88	276375	50.0	
\$ 101 4-Bromofluorobenzene	174	9.598	9.598	0.000	88	112341	53.7	
* 118 1,4-Dichlorobenzene-d4	152	10.443	10.443	0.000	96	139208	50.0	

Reagents:

8260ISSUR50_00015

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08866.D

Injection Date: 23-May-2015 01:04:30

Instrument ID: CVOAMS3

Operator ID: VOA GC/MS3

Lims ID: 460-94855-A-4

Lab Sample ID: 460-94855-4

Worklist Smp#: 12

Client ID: EX3-CP-00-051415

Purge Vol: 5.000 mL

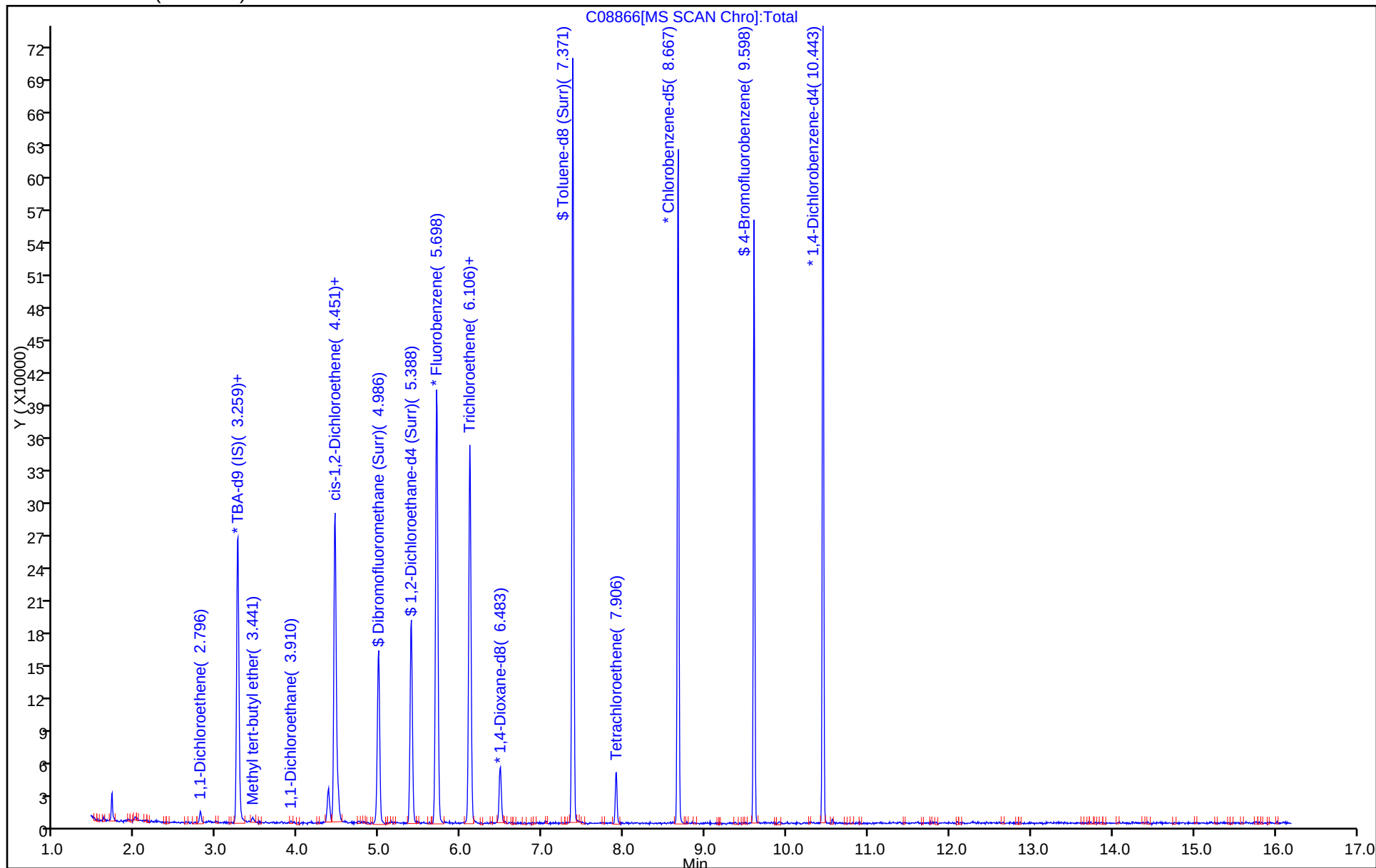
Dil. Factor: 1.0000

ALS Bottle#: 11

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08866.D

Injection Date: 23-May-2015 01:04:30

Instrument ID: CVOAMS3

Lims ID: 460-94855-A-4

Lab Sample ID: 460-94855-4

Client ID: EX3-CP-00-051415

Operator ID: VOA GC/MS3

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

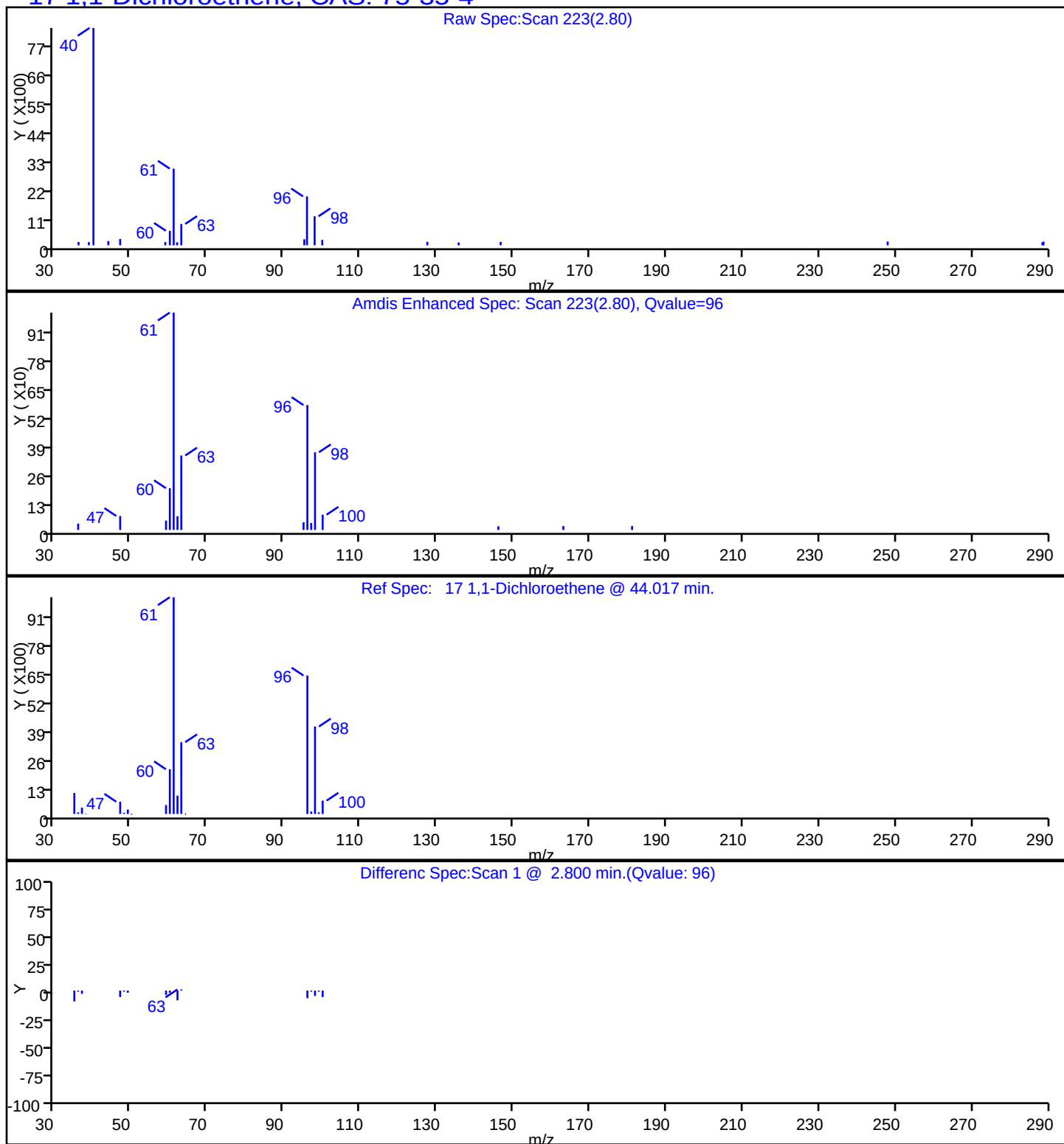
Dil. Factor: 1.0000

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

17 1,1-Dichloroethene, CAS: 75-35-4

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08866.D

Injection Date: 23-May-2015 01:04:30

Instrument ID: CVOAMS3

Lims ID: 460-94855-A-4

Lab Sample ID: 460-94855-4

Client ID: EX3-CP-00-051415

Operator ID: VOA GC/MS3

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

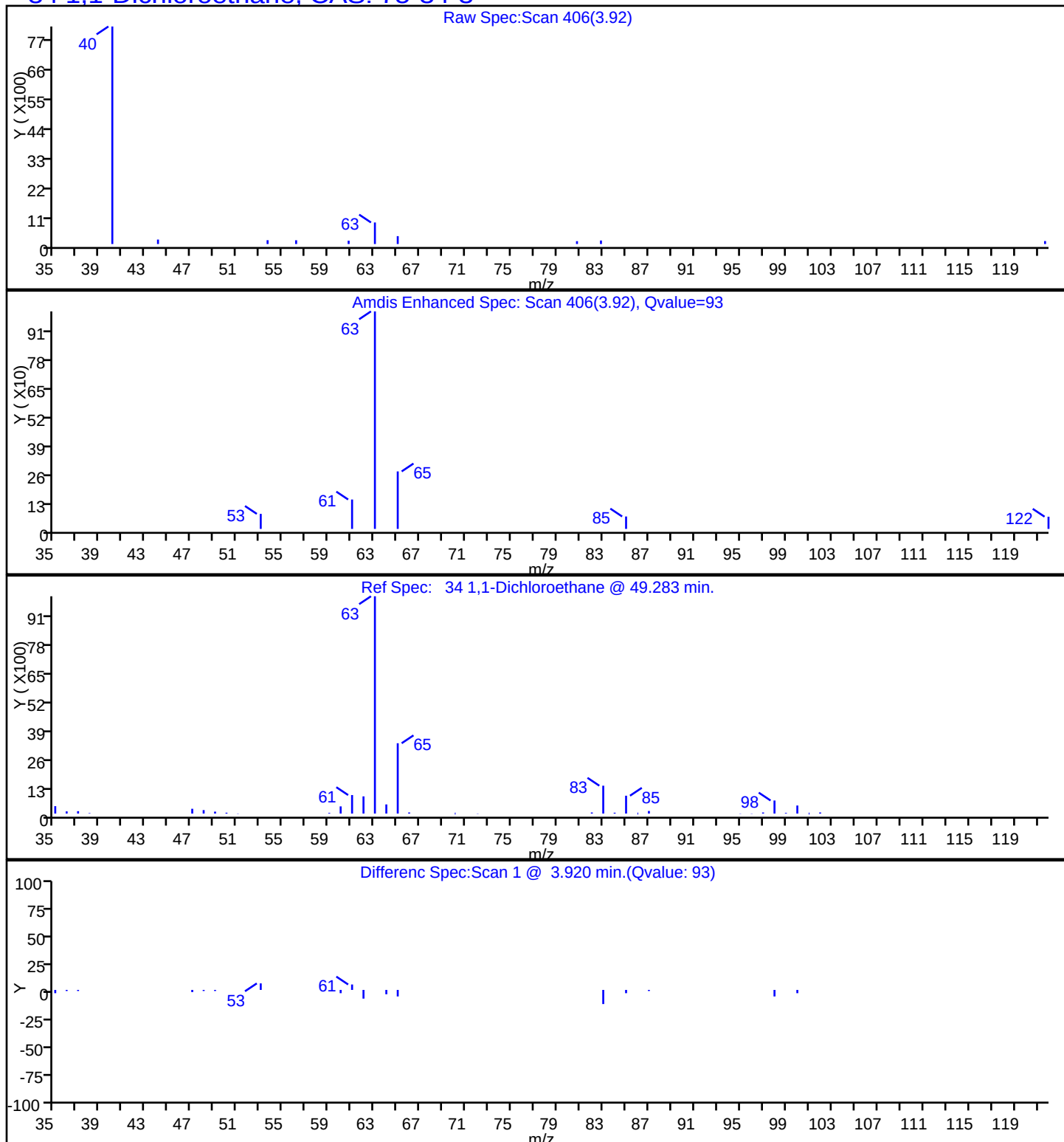
Dil. Factor: 1.0000

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

34 1,1-Dichloroethane, CAS: 75-34-3

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08866.D

Injection Date: 23-May-2015 01:04:30

Instrument ID: CVOAMS3

Lims ID: 460-94855-A-4

Lab Sample ID: 460-94855-4

Client ID: EX3-CP-00-051415

Operator ID: VOA GC/MS3

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

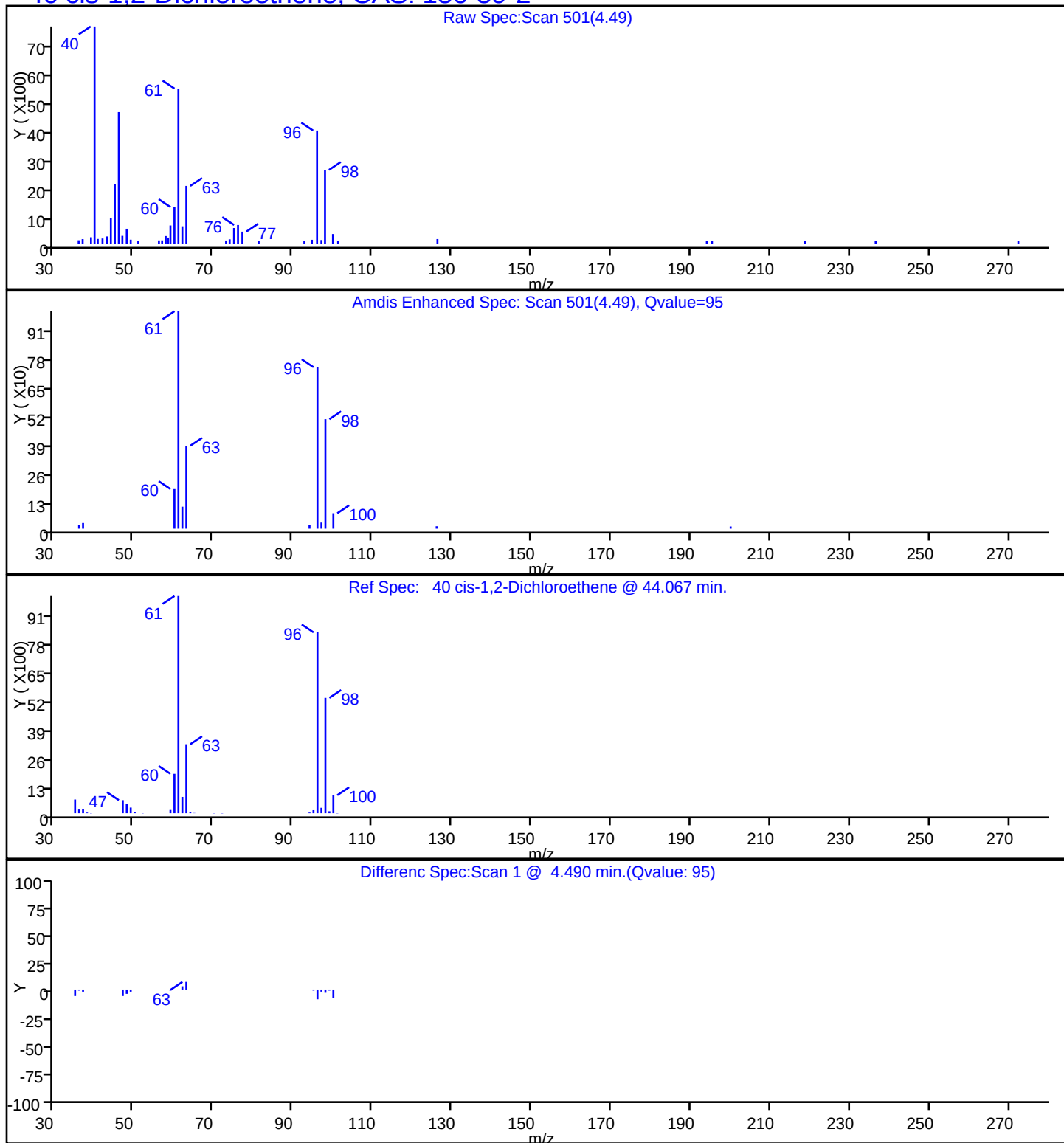
Dil. Factor: 1.0000

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

40 cis-1,2-Dichloroethene, CAS: 156-59-2

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08866.D

Injection Date: 23-May-2015 01:04:30

Instrument ID: CVOAMS3

Lims ID: 460-94855-A-4

Lab Sample ID: 460-94855-4

Client ID: EX3-CP-00-051415

Operator ID: VOA GC/MS3

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

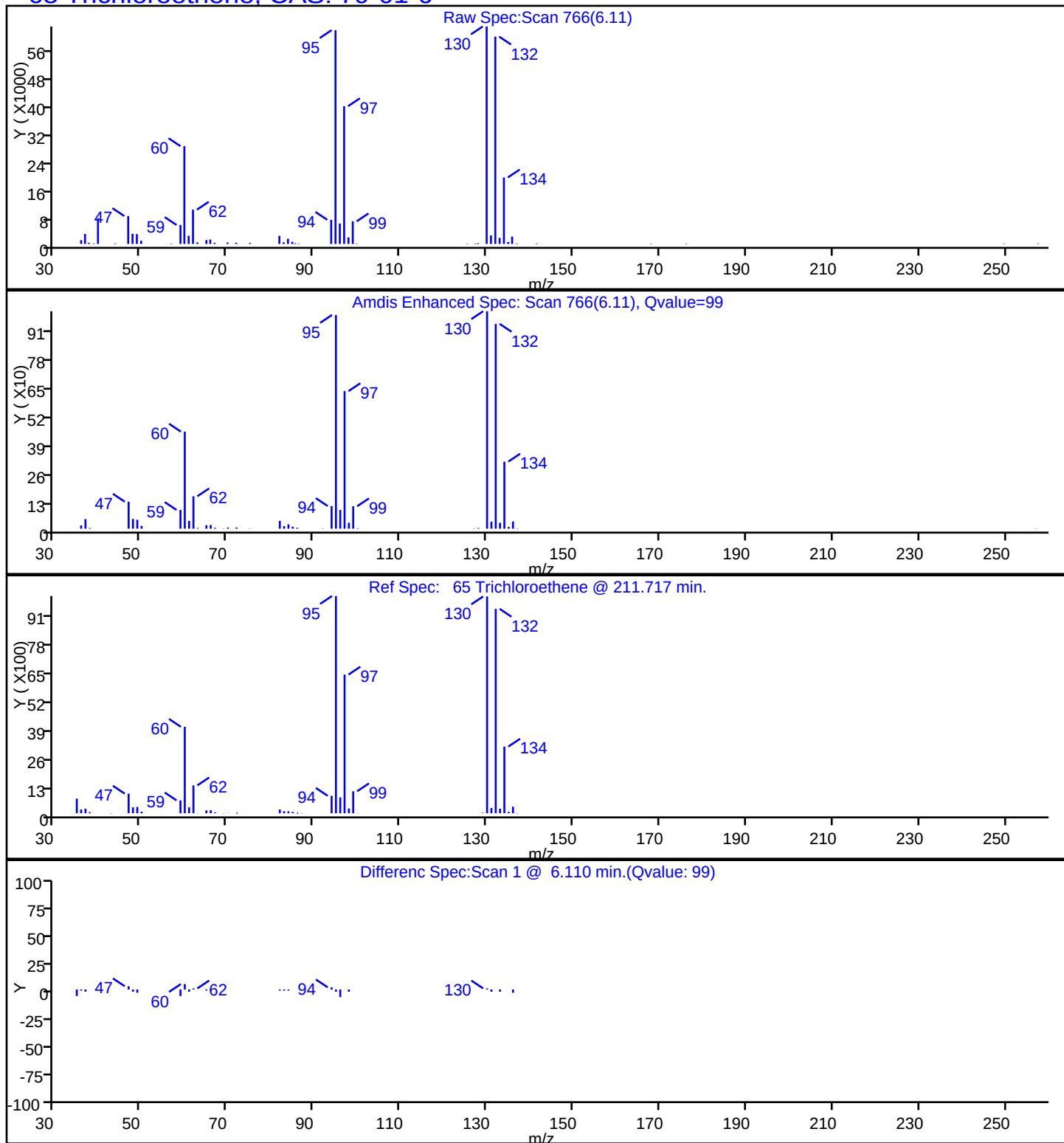
Dil. Factor: 1.0000

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

65 Trichloroethene, CAS: 79-01-6

TestAmerica Edison

Data File: \\ChromNA\IG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08866.D

Injection Date: 23-May-2015 01:04:30

Instrument ID: CVOAMS3

Lims ID: 460-94855-A-4

Lab Sample ID: 460-94855-4

Client ID: EX3-CP-00-051415

Operator ID: VOA GC/MS3

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

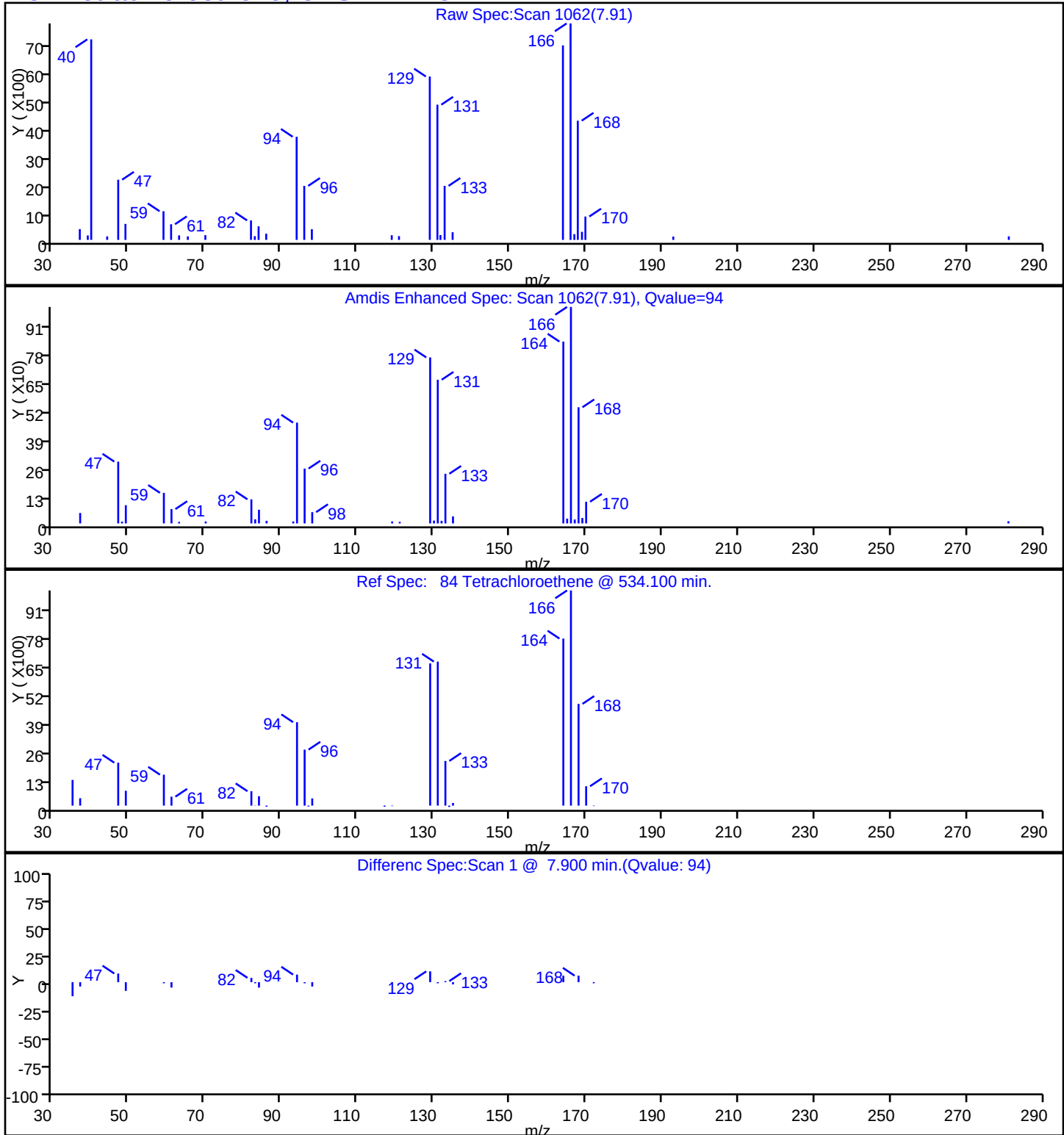
Dil. Factor: 1.0000

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

84 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08866.D

Injection Date: 23-May-2015 01:04:30

Instrument ID: CVOAMS3

Lims ID: 460-94855-A-4

Lab Sample ID: 460-94855-4

Client ID: EX3-CP-00-051415

Operator ID: VOA GC/MS3

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

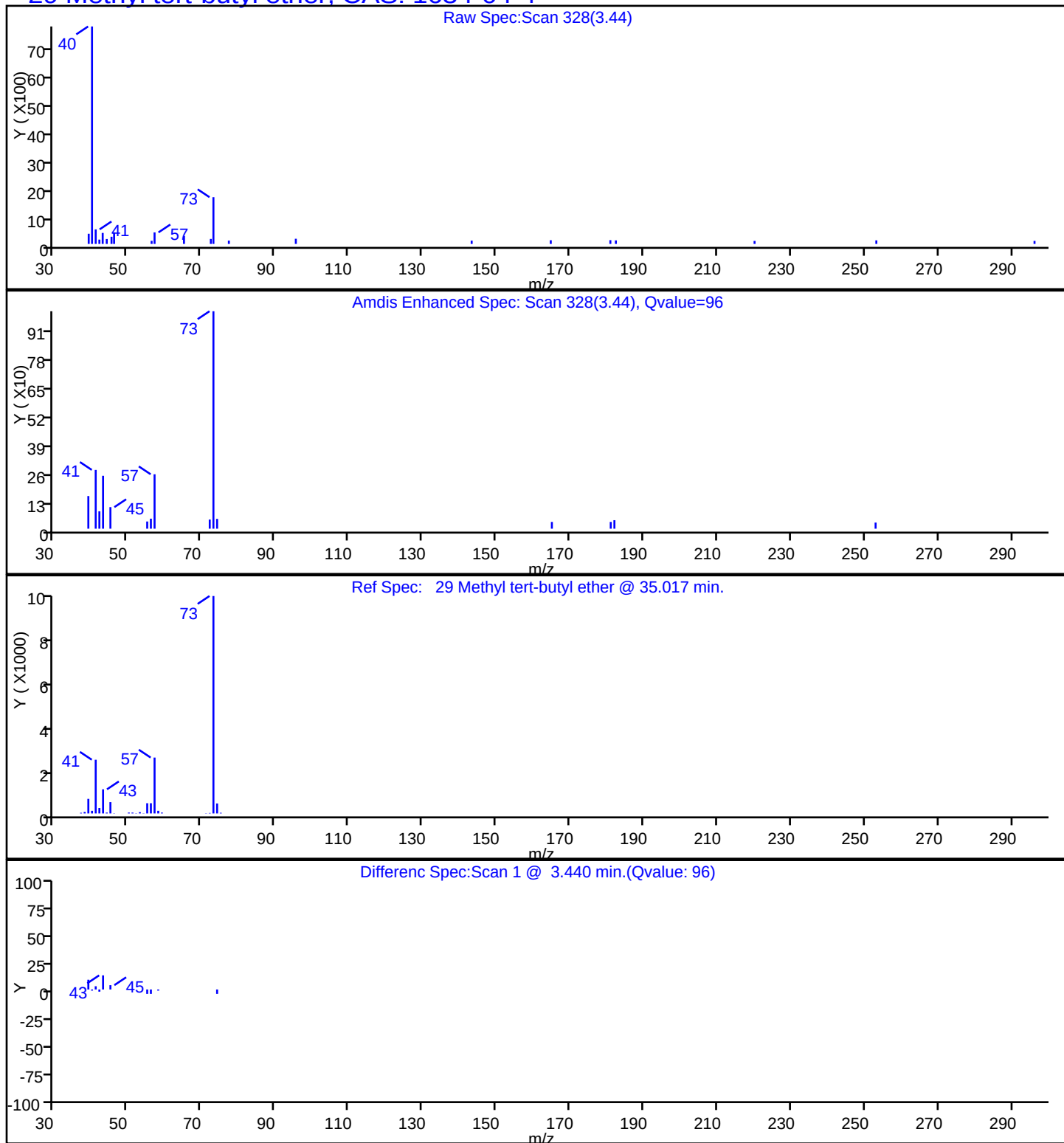
Dil. Factor: 1.0000

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

29 Methyl tert-butyl ether, CAS: 1634-04-4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-94855-1</u>
SDG No.: _____	
Client Sample ID: <u>PD09-CP-00-051415</u>	Lab Sample ID: <u>460-94855-5</u>
Matrix: <u>Water</u>	Lab File ID: <u>C08867.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>05/14/2015 07:20</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>05/23/2015 01:29</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>300464</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	5.0	U	5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
67-66-3	Chloroform	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-93-3	2-Butanone	5.0	U	5.0	2.2
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	1.0	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Client Sample ID: PD09-CP-00-051415 Lab Sample ID: 460-94855-5
 Matrix: Water Lab File ID: C08867.D
 Analysis Method: 8260C Date Collected: 05/14/2015 07:20
 Sample wt/vol: 5 (mL) Date Analyzed: 05/23/2015 01:29
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 300464 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
110-82-7	Cyclohexane	1.0	U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	50	U	50	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-130
2037-26-5	Toluene-d8 (Surr)	110		70-130
460-00-4	4-Bromofluorobenzene	110		64-135
1868-53-7	Dibromofluoromethane (Surr)	104		72-137

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08867.D
 Lims ID: 460-94855-A-5 Lab Sample ID: 460-94855-5
 Client ID: PD09-CP-00-051415
 Sample Type: Client
 Inject. Date: 23-May-2015 01:29:30 ALS Bottle#: 12 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-94855-A-5
 Misc. Info.: 460-0027731-013
 Operator ID: VOA GC/MS3 Instrument ID: CVOAMS3
 Method: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150522-27731.b\8260W_3.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 23-May-2015 07:53:32 Calib Date: 12-Apr-2015 23:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150412-26140.b\C06941.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK016

First Level Reviewer: desais

Date: 23-May-2015 07:47:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.259	3.265	-0.007	88	279902	1000.0	
* 164 2-Butanone-d5	46	4.451	4.451	0.000	100	349057	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.986	4.986	0.000	94	97038	52.2	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.388	5.388	0.000	91	131701	52.8	
* 61 Fluorobenzene	96	5.698	5.704	-0.006	98	373590	50.0	
* 68 1,4-Dioxane-d8	96	6.483	6.483	0.000	96	35484	1000.0	
\$ 79 Toluene-d8 (Surr)	98	7.371	7.371	0.000	99	397567	55.0	
* 90 Chlorobenzene-d5	117	8.667	8.667	0.000	87	280903	50.0	
\$ 101 4-Bromofluorobenzene	174	9.598	9.598	0.000	88	115989	55.0	
* 118 1,4-Dichlorobenzene-d4	152	10.443	10.443	0.000	96	140142	50.0	

Reagents:

8260ISSUR50_00015

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08867.D

Injection Date: 23-May-2015 01:29:30

Instrument ID: CVOAMS3

Operator ID: VOA GC/MS3

Lims ID: 460-94855-A-5

Lab Sample ID: 460-94855-5

Worklist Smp#: 13

Client ID: PD09-CP-00-051415

Purge Vol: 5.000 mL

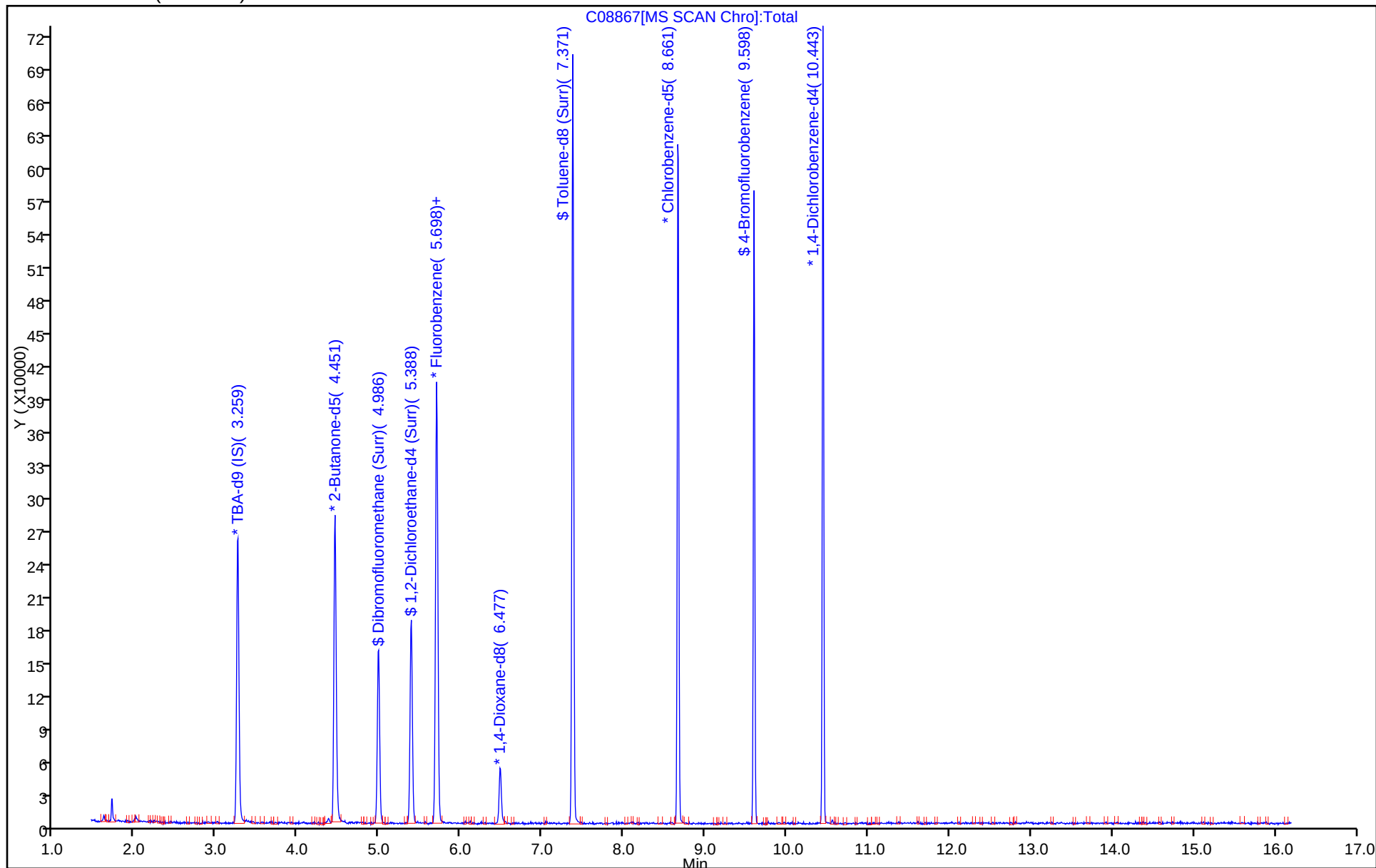
Dil. Factor: 1.0000

ALS Bottle#: 12

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-94855-1</u>
SDG No.: _____	
Client Sample ID: <u>PW02-CP-00-051415</u>	Lab Sample ID: <u>460-94855-7</u>
Matrix: <u>Water</u>	Lab File ID: <u>C08868.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>05/14/2015 06:45</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>05/23/2015 01:54</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>300464</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	5.0	U	5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.95	J	1.0	0.34
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	2.6		1.0	0.26
67-66-3	Chloroform	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-93-3	2-Butanone	5.0	U	5.0	2.2
71-55-6	1,1,1-Trichloroethane	0.63	J	1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	32		1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	1.0	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	5.0		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Client Sample ID: PW02-CP-00-051415 Lab Sample ID: 460-94855-7
 Matrix: Water Lab File ID: C08868.D
 Analysis Method: 8260C Date Collected: 05/14/2015 06:45
 Sample wt/vol: 5 (mL) Date Analyzed: 05/23/2015 01:54
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 300464 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.38	J	1.0	0.13
110-82-7	Cyclohexane	1.0	U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	50	U	50	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-130
2037-26-5	Toluene-d8 (Surr)	110		70-130
460-00-4	4-Bromofluorobenzene	110		64-135
1868-53-7	Dibromofluoromethane (Surr)	103		72-137

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08868.D
 Lims ID: 460-94855-A-7 Lab Sample ID: 460-94855-7
 Client ID: PW02-CP-00-051415
 Sample Type: Client
 Inject. Date: 23-May-2015 01:54:30 ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-94855-A-7
 Misc. Info.: 460-0027731-014
 Operator ID: VOA GC/MS3 Instrument ID: CVOAMS3
 Method: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150522-27731.b\8260W_3.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 23-May-2015 07:53:32 Calib Date: 12-Apr-2015 23:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150412-26140.b\C06941.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK016

First Level Reviewer: desais

Date: 23-May-2015 07:48:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
17 1,1-Dichloroethene	96	2.796	2.796	0.000	97	2548	0.9517	
* 26 TBA-d9 (IS)	65	3.258	3.265	-0.007	88	281491	1000.0	
29 Methyl tert-butyl ether	73	3.441	3.441	0.000	98	2841	0.3755	
* 164 2-Butanone-d5	46	4.451	4.451	0.000	100	347266	250.0	
40 cis-1,2-Dichloroethene	96	4.493	4.488	0.005	94	7248	2.57	
50 1,1,1-Trichloroethane	97	4.962	4.962	0.000	96	2493	0.6334	
\$ 51 Dibromofluoromethane (Surr	113	4.986	4.986	0.000	94	94105	51.3	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.388	5.388	0.000	91	128756	52.3	
* 61 Fluorobenzene	96	5.698	5.704	-0.006	99	368820	50.0	
65 Trichloroethene	95	6.106	6.112	-0.006	98	89920	31.9	
* 68 1,4-Dioxane-d8	96	6.483	6.483	0.000	96	35497	1000.0	
\$ 79 Toluene-d8 (Surr)	98	7.371	7.371	0.000	99	386106	55.1	
84 Tetrachloroethene	166	7.906	7.906	0.000	96	12357	4.96	
* 90 Chlorobenzene-d5	117	8.667	8.667	0.000	88	272230	50.0	
\$ 101 4-Bromofluorobenzene	174	9.597	9.598	-0.001	89	111596	55.1	
* 118 1,4-Dichlorobenzene-d4	152	10.443	10.443	0.000	96	134759	50.0	

Reagents:

8260ISSUR50_00015

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08868.D

Injection Date: 23-May-2015 01:54:30

Instrument ID: CVOAMS3

Operator ID: VOA GC/MS3

Lims ID: 460-94855-A-7

Lab Sample ID: 460-94855-7

Worklist Smp#: 14

Client ID: PW02-CP-00-051415

Purge Vol: 5.000 mL

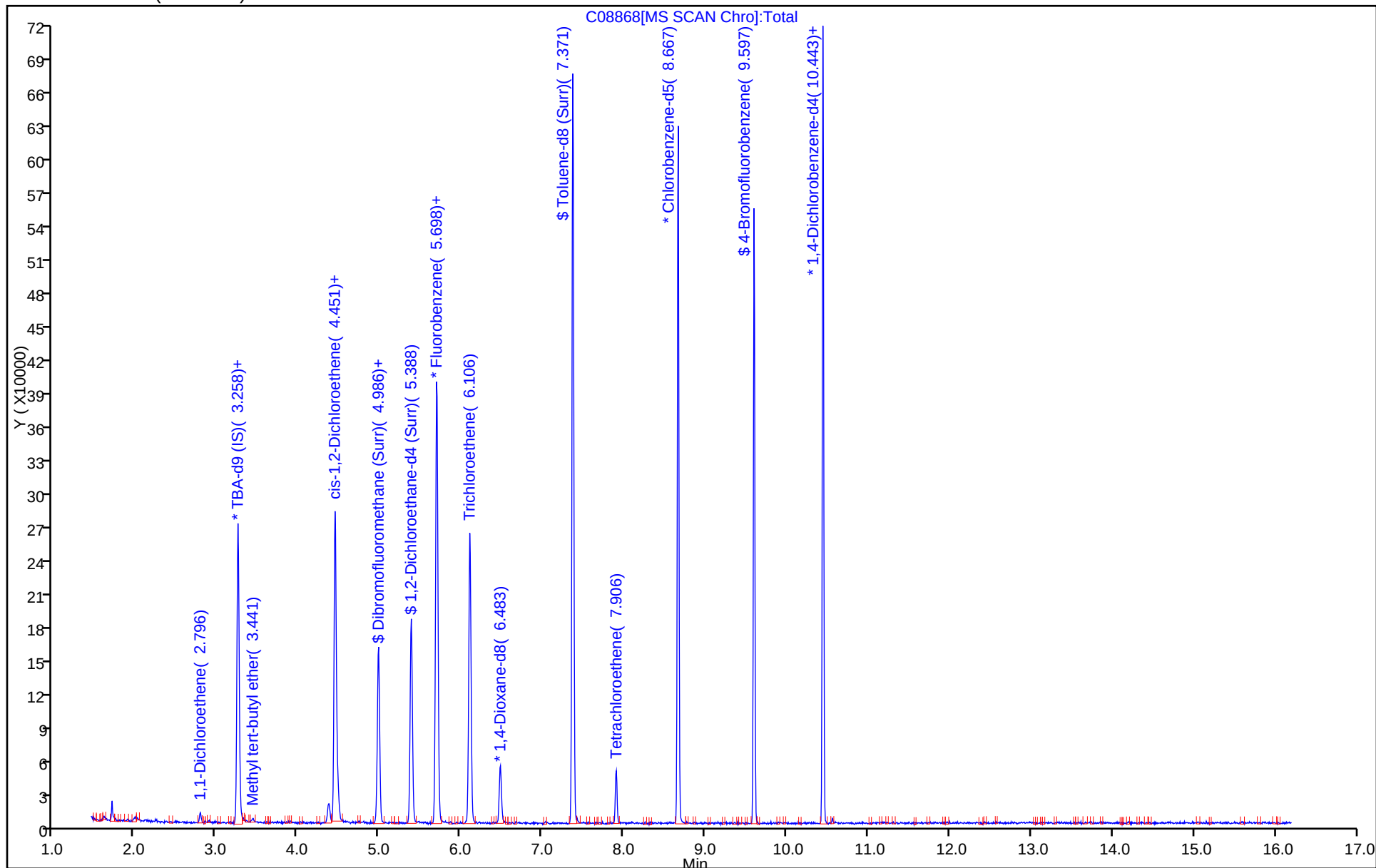
Dil. Factor: 1.0000

ALS Bottle#: 13

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08868.D

Injection Date: 23-May-2015 01:54:30

Instrument ID: CVOAMS3

Lims ID: 460-94855-A-7

Lab Sample ID: 460-94855-7

Client ID: PW02-CP-00-051415

Operator ID: VOA GC/MS3

ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL

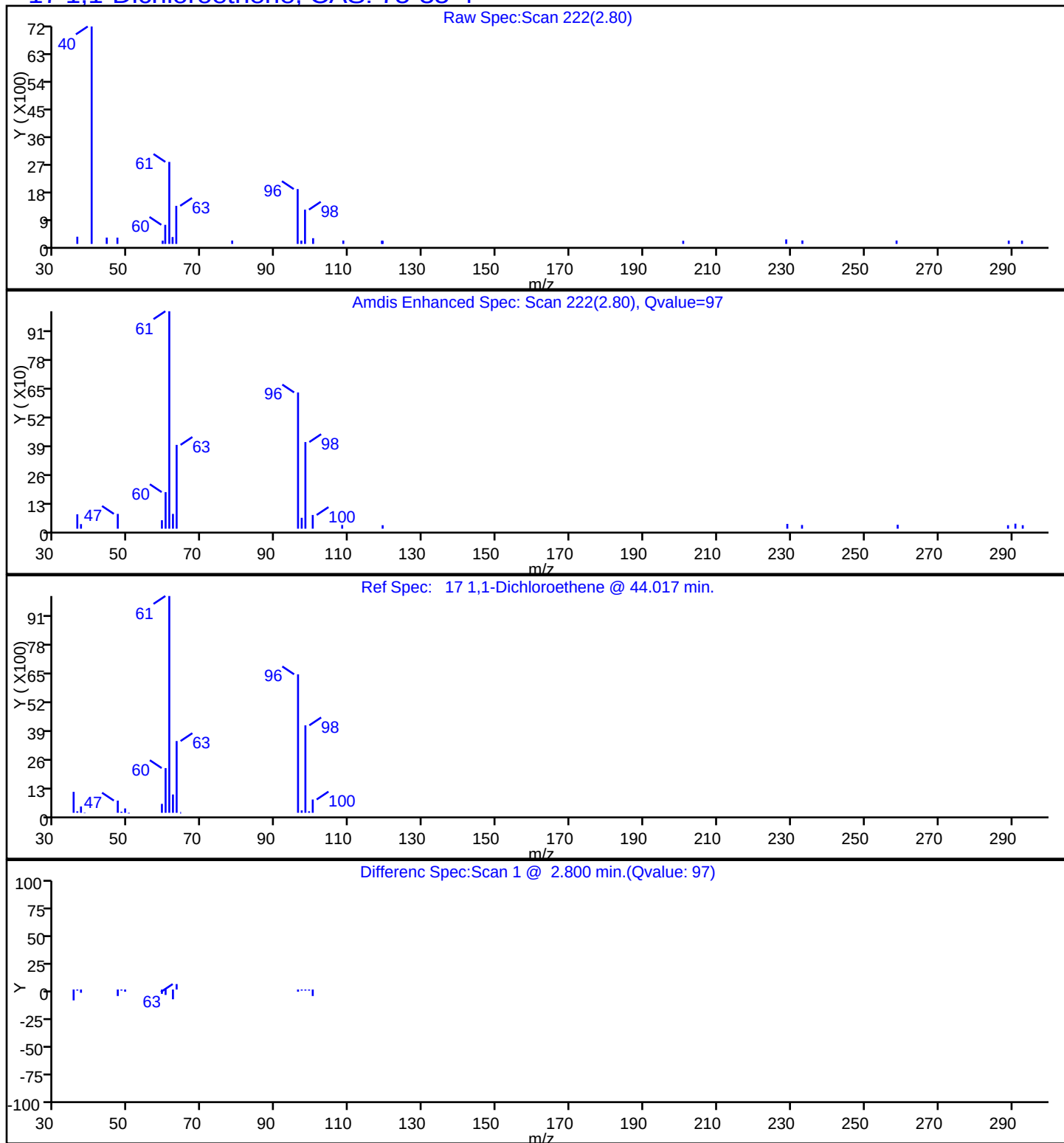
Dil. Factor: 1.0000

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

17 1,1-Dichloroethene, CAS: 75-35-4

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08868.D

Injection Date: 23-May-2015 01:54:30

Instrument ID: CVOAMS3

Lims ID: 460-94855-A-7

Lab Sample ID: 460-94855-7

Client ID: PW02-CP-00-051415

Operator ID: VOA GC/MS3

ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL

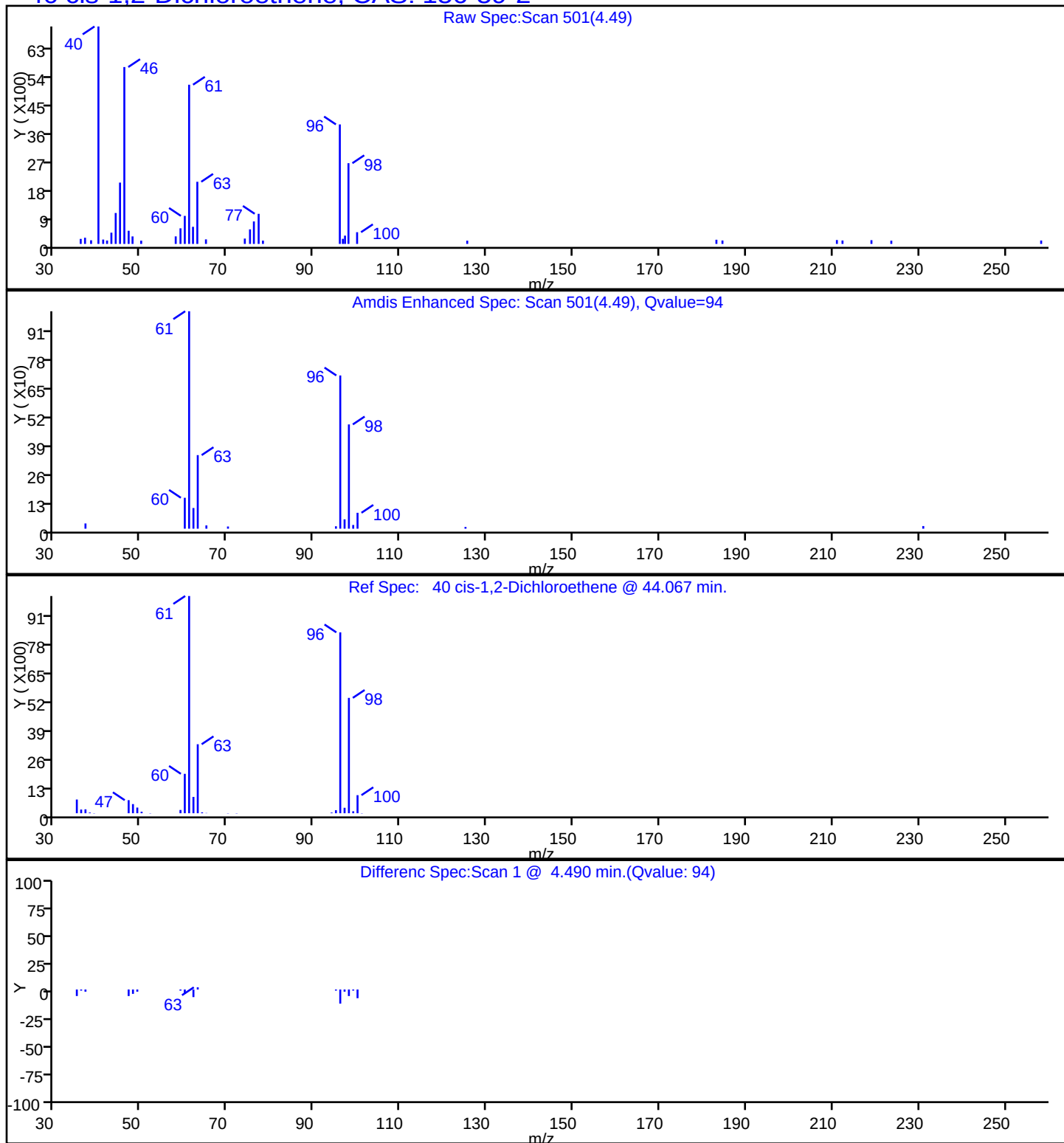
Dil. Factor: 1.0000

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

40 cis-1,2-Dichloroethene, CAS: 156-59-2

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08868.D

Injection Date: 23-May-2015 01:54:30

Instrument ID: CVOAMS3

Lims ID: 460-94855-A-7

Lab Sample ID: 460-94855-7

Client ID: PW02-CP-00-051415

Operator ID: VOA GC/MS3

ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL

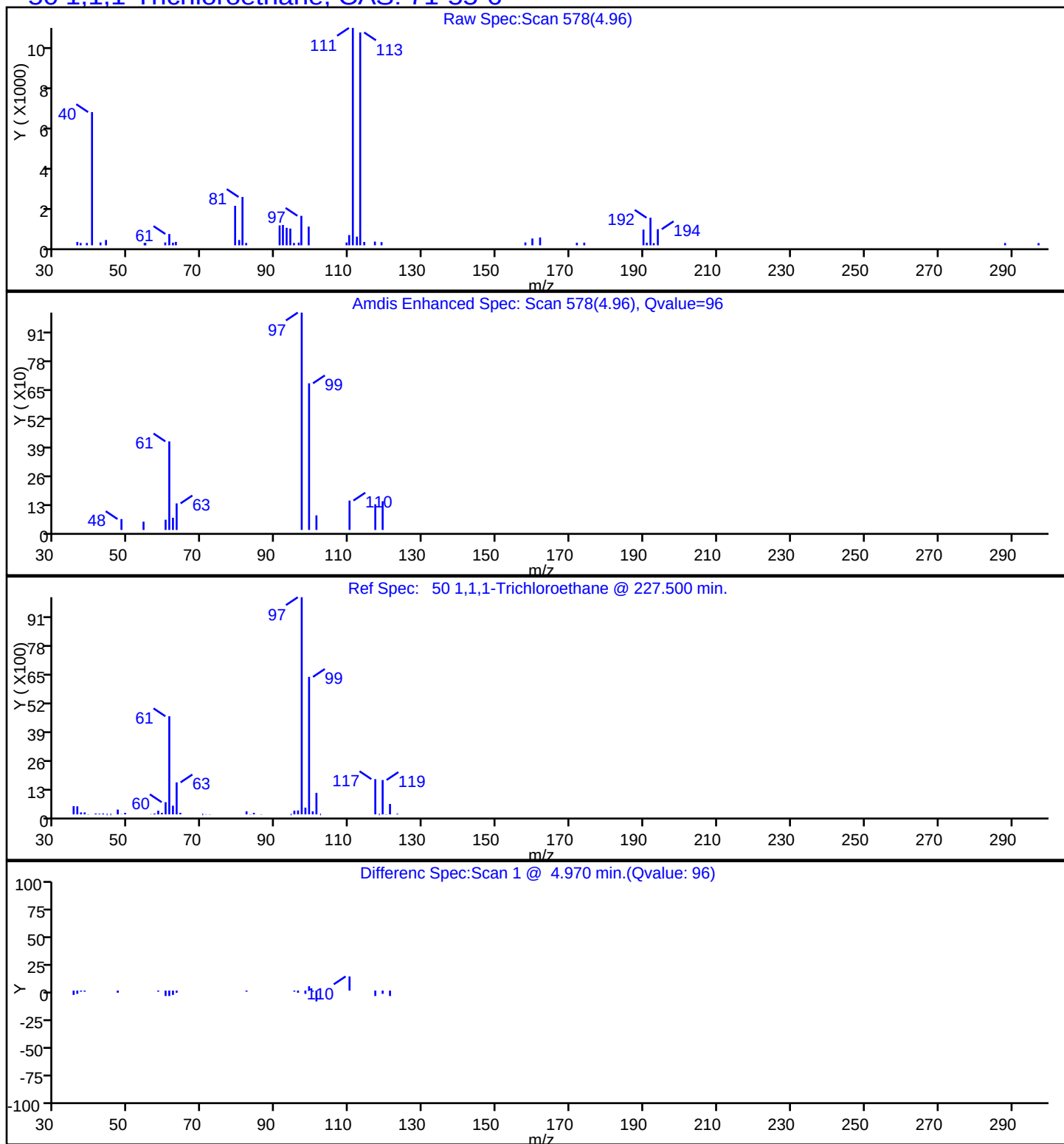
Dil. Factor: 1.0000

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

50 1,1,1-Trichloroethane, CAS: 71-55-6

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08868.D

Injection Date: 23-May-2015 01:54:30

Instrument ID: CVOAMS3

Lims ID: 460-94855-A-7

Lab Sample ID: 460-94855-7

Client ID: PW02-CP-00-051415

Operator ID: VOA GC/MS3

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 5.000 mL

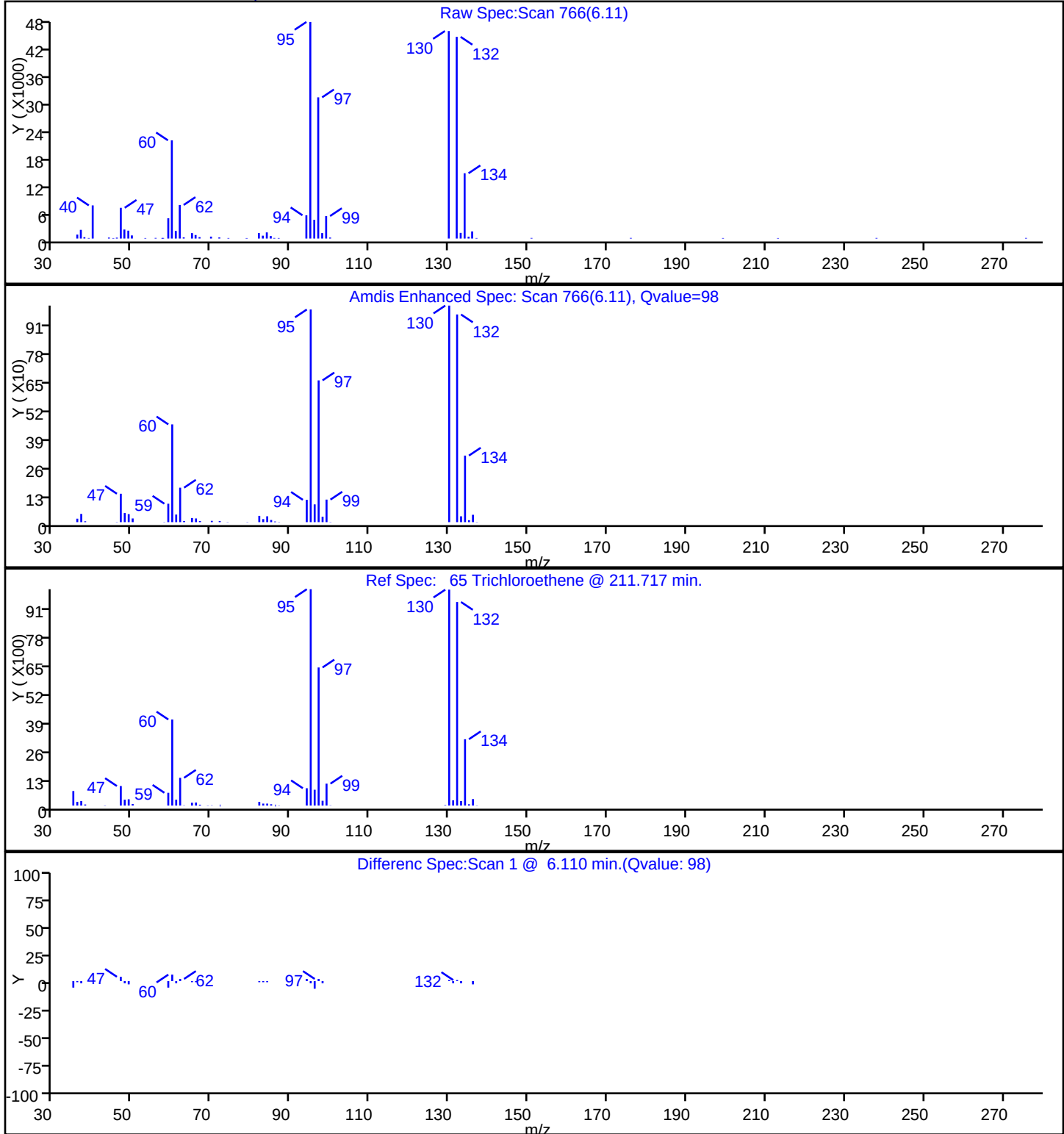
Dil. Factor: 1.0000

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

65 Trichloroethene, CAS: 79-01-6

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08868.D

Injection Date: 23-May-2015 01:54:30

Instrument ID: CVOAMS3

Lims ID: 460-94855-A-7

Lab Sample ID: 460-94855-7

Client ID: PW02-CP-00-051415

Operator ID: VOA GC/MS3

ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL

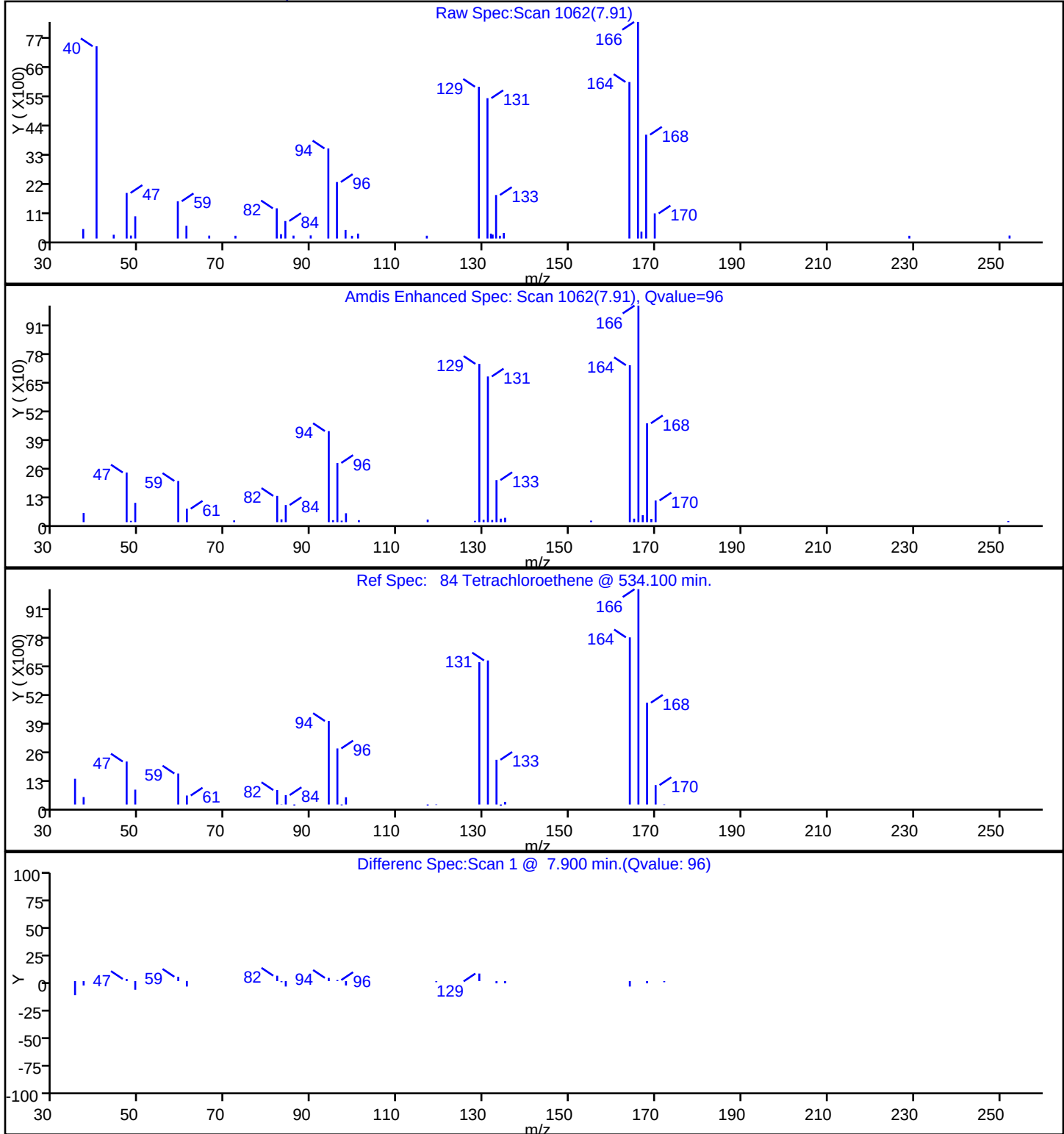
Dil. Factor: 1.0000

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

84 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08868.D

Injection Date: 23-May-2015 01:54:30

Instrument ID: CVOAMS3

Lims ID: 460-94855-A-7

Lab Sample ID: 460-94855-7

Client ID: PW02-CP-00-051415

Operator ID: VOA GC/MS3

ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL

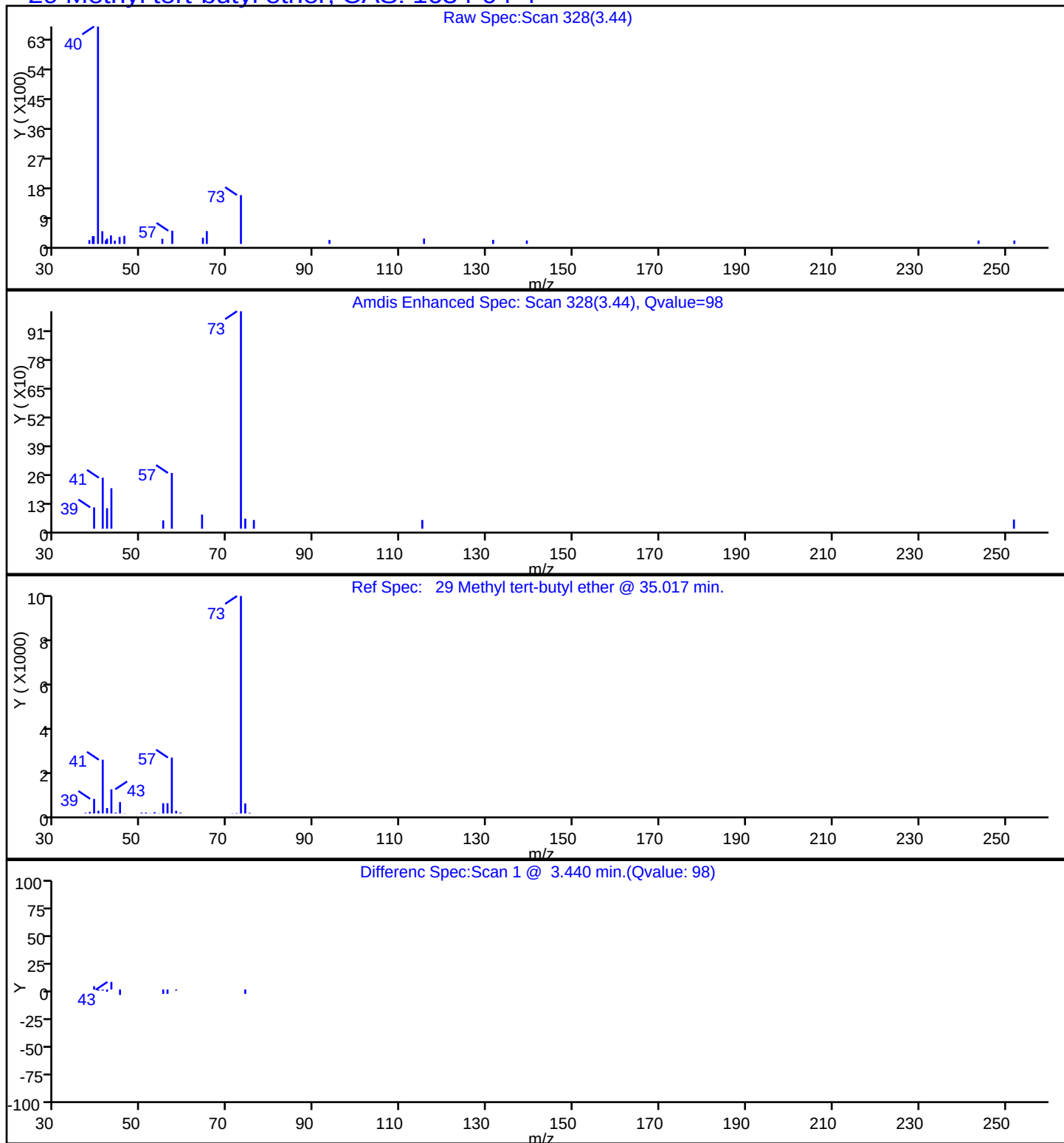
Dil. Factor: 1.0000

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

29 Methyl tert-butyl ether, CAS: 1634-04-4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-94855-1</u>
SDG No.: _____	
Client Sample ID: <u>PW06-CP-00-051415</u>	Lab Sample ID: <u>460-94855-9</u>
Matrix: <u>Water</u>	Lab File ID: <u>C08869.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>05/14/2015 06:55</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>05/23/2015 02:20</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>300464</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	5.0	U	5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.66	J	1.0	0.34
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	2.2		1.0	0.26
67-66-3	Chloroform	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-93-3	2-Butanone	5.0	U	5.0	2.2
71-55-6	1,1,1-Trichloroethane	0.41	J	1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	23		1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	1.0	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	3.1		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Client Sample ID: PW06-CP-00-051415 Lab Sample ID: 460-94855-9
 Matrix: Water Lab File ID: C08869.D
 Analysis Method: 8260C Date Collected: 05/14/2015 06:55
 Sample wt/vol: 5 (mL) Date Analyzed: 05/23/2015 02:20
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 300464 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.37	J	1.0	0.13
110-82-7	Cyclohexane	1.0	U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	50	U	50	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-130
2037-26-5	Toluene-d8 (Surr)	108		70-130
460-00-4	4-Bromofluorobenzene	111		64-135
1868-53-7	Dibromofluoromethane (Surr)	103		72-137

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08869.D
 Lims ID: 460-94855-A-9 Lab Sample ID: 460-94855-9
 Client ID: PW06-CP-00-051415
 Sample Type: Client
 Inject. Date: 23-May-2015 02:20:30 ALS Bottle#: 14 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-94855-A-9
 Misc. Info.: 460-0027731-015
 Operator ID: VOA GC/MS3 Instrument ID: CVOAMS3
 Method: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150522-27731.b\8260W_3.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 23-May-2015 07:53:32 Calib Date: 12-Apr-2015 23:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150412-26140.b\C06941.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK016

First Level Reviewer: desais

Date: 23-May-2015 07:48:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
17 1,1-Dichloroethene	96	2.802	2.796	0.006	94	1768	0.6560	
* 26 TBA-d9 (IS)	65	3.258	3.265	-0.007	88	281112	1000.0	
29 Methyl tert-butyl ether	73	3.441	3.441	0.000	97	2808	0.3687	
* 164 2-Butanone-d5	46	4.451	4.451	0.000	100	350889	250.0	
40 cis-1,2-Dichloroethene	96	4.487	4.488	-0.001	94	6222	2.19	
50 1,1,1-Trichloroethane	97	4.962	4.962	0.000	46	1621	0.4091	
\$ 51 Dibromofluoromethane (Surr	113	4.986	4.986	0.000	94	95389	51.6	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.388	5.388	0.000	91	129403	52.2	
* 61 Fluorobenzene	96	5.698	5.704	-0.006	98	371285	50.0	
65 Trichloroethene	95	6.106	6.112	-0.006	97	66131	23.3	
* 68 1,4-Dioxane-d8	96	6.483	6.483	0.000	96	35437	1000.0	
\$ 79 Toluene-d8 (Surr)	98	7.371	7.371	0.000	99	389369	53.8	
84 Tetrachloroethene	166	7.906	7.906	0.000	97	8010	3.11	
* 90 Chlorobenzene-d5	117	8.667	8.667	0.000	87	281299	50.0	
\$ 101 4-Bromofluorobenzene	174	9.598	9.598	0.000	89	115610	55.5	
* 118 1,4-Dichlorobenzene-d4	152	10.443	10.443	0.000	96	138430	50.0	

Reagents:

8260ISSUR50_00015

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08869.D

Injection Date: 23-May-2015 02:20:30

Instrument ID: CVOAMS3

Operator ID: VOA GC/MS3

Lims ID: 460-94855-A-9

Lab Sample ID: 460-94855-9

Worklist Smp#: 15

Client ID: PW06-CP-00-051415

Purge Vol: 5.000 mL

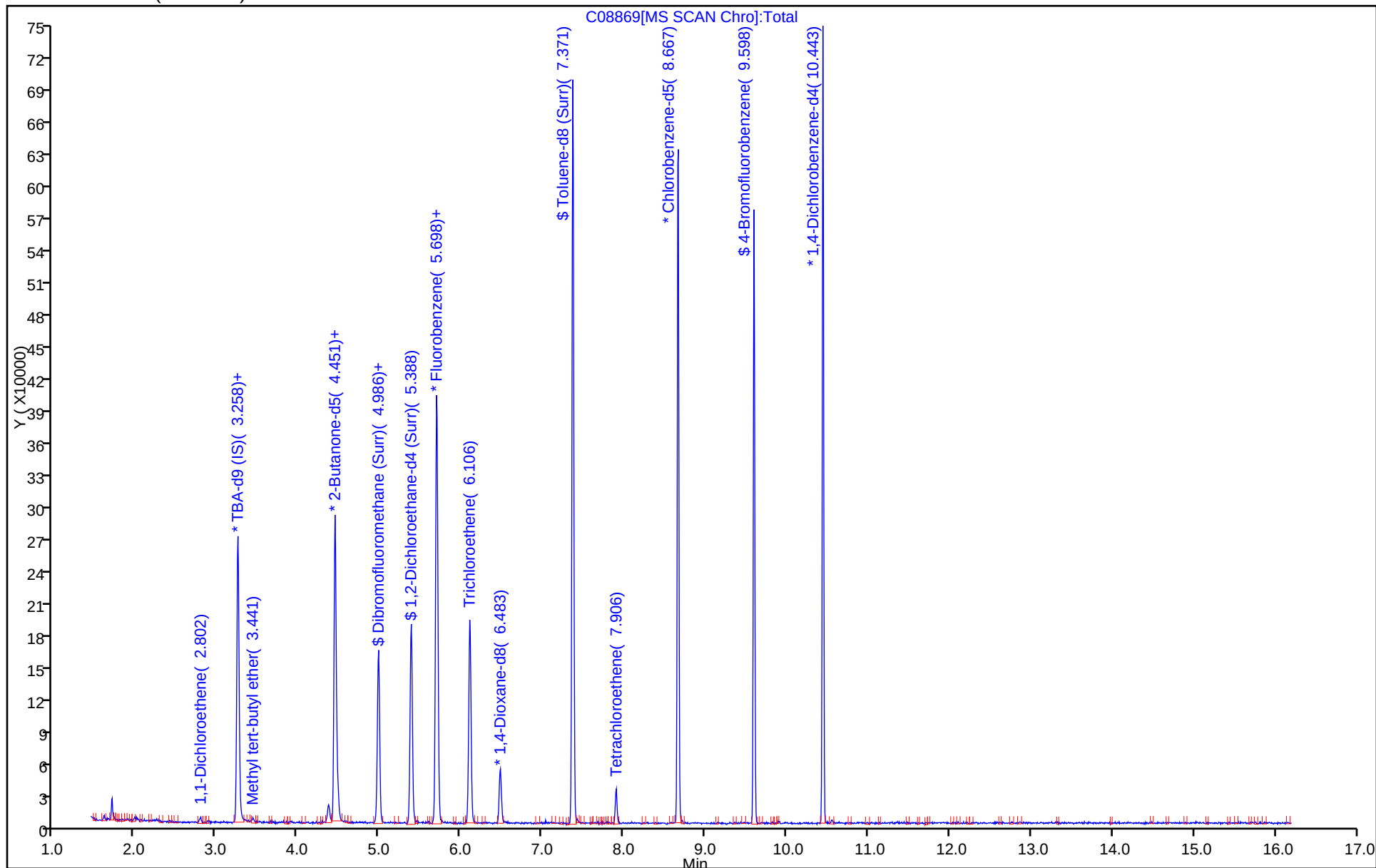
Dil. Factor: 1.0000

ALS Bottle#: 14

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08869.D

Injection Date: 23-May-2015 02:20:30

Instrument ID: CVOAMS3

Lims ID: 460-94855-A-9

Lab Sample ID: 460-94855-9

Client ID: PW06-CP-00-051415

Operator ID: VOA GC/MS3

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

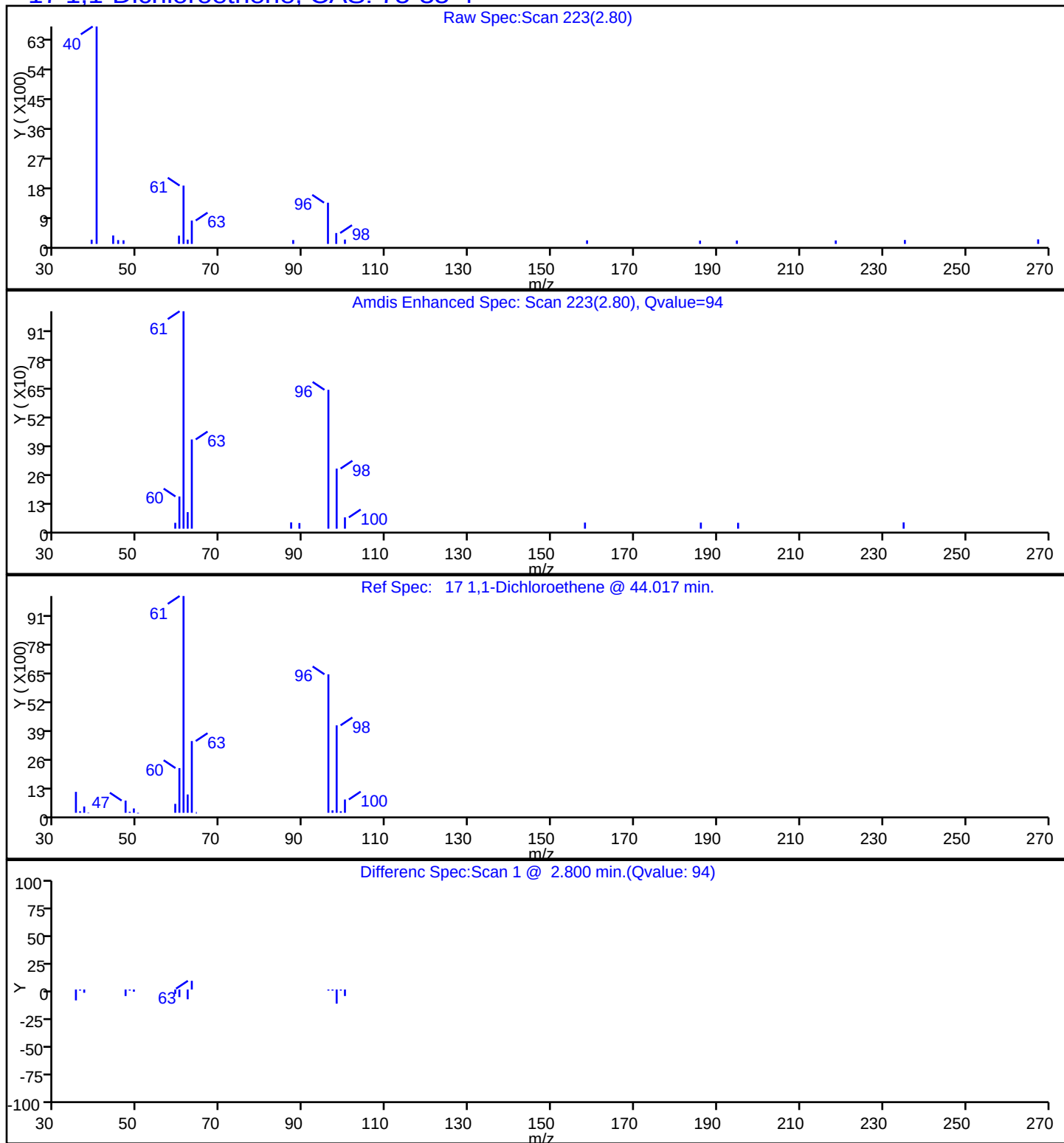
Dil. Factor: 1.0000

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

17 1,1-Dichloroethene, CAS: 75-35-4

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08869.D

Injection Date: 23-May-2015 02:20:30

Instrument ID: CVOAMS3

Lims ID: 460-94855-A-9

Lab Sample ID: 460-94855-9

Client ID: PW06-CP-00-051415

Operator ID: VOA GC/MS3

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

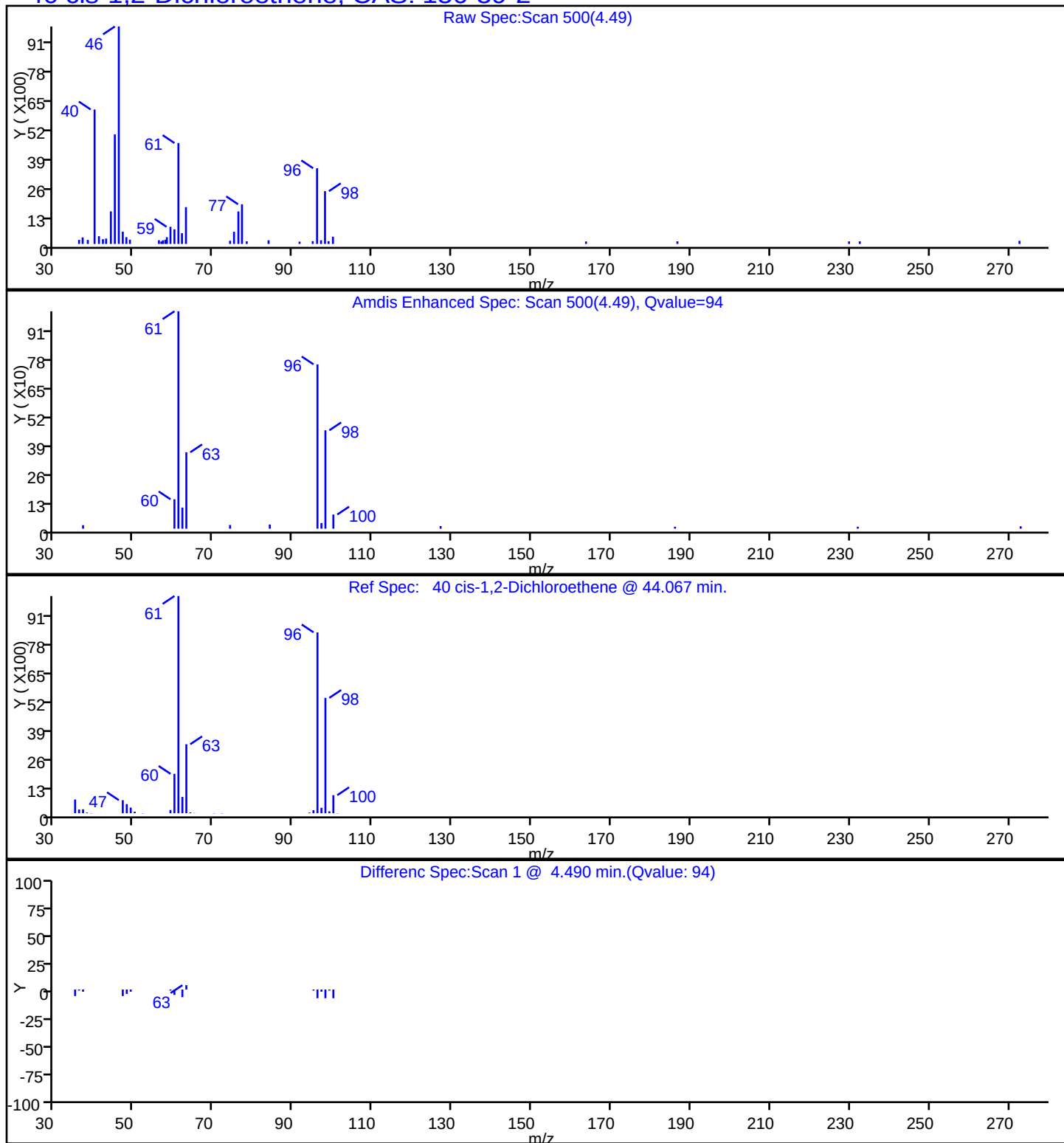
Dil. Factor: 1.0000

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

40 cis-1,2-Dichloroethene, CAS: 156-59-2

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08869.D

Injection Date: 23-May-2015 02:20:30

Instrument ID: CVOAMS3

Lims ID: 460-94855-A-9

Lab Sample ID: 460-94855-9

Client ID: PW06-CP-00-051415

Operator ID: VOA GC/MS3

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

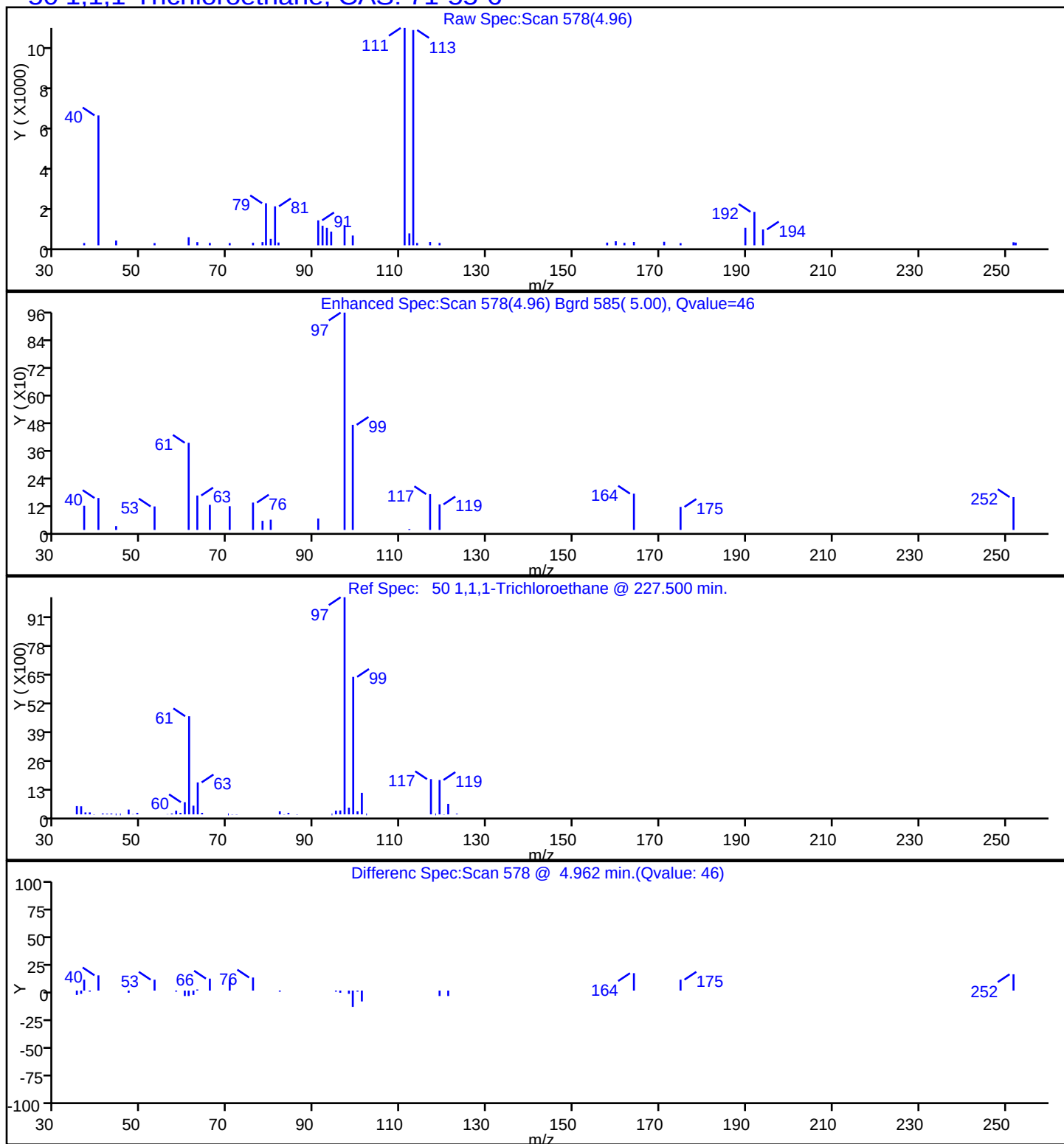
Dil. Factor: 1.0000

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

50 1,1,1-Trichloroethane, CAS: 71-55-6

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08869.D

Injection Date: 23-May-2015 02:20:30

Instrument ID: CVOAMS3

Lims ID: 460-94855-A-9

Lab Sample ID: 460-94855-9

Client ID: PW06-CP-00-051415

Operator ID: VOA GC/MS3

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

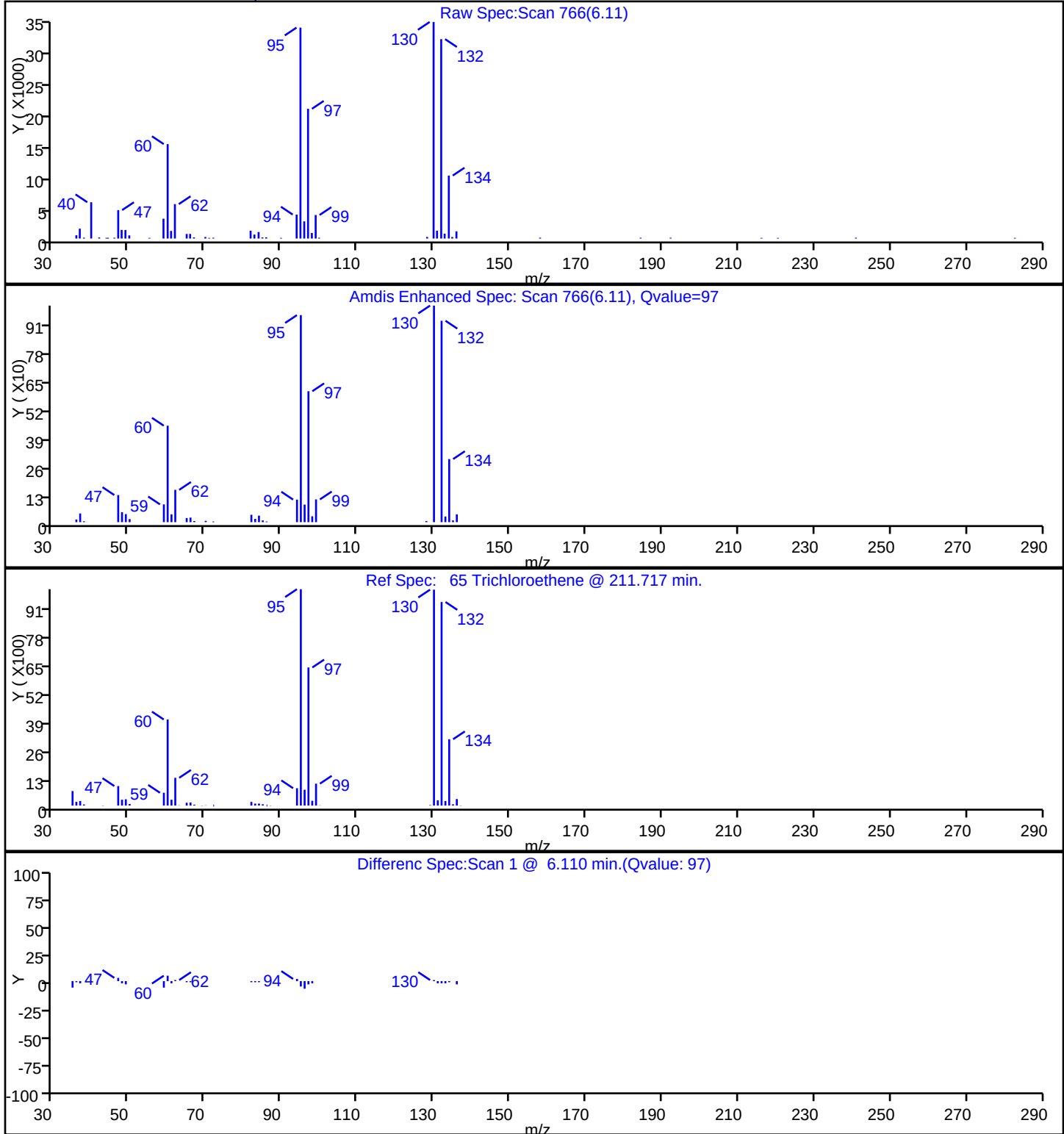
Dil. Factor: 1.0000

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

65 Trichloroethene, CAS: 79-01-6

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08869.D

Injection Date: 23-May-2015 02:20:30

Instrument ID: CVOAMS3

Lims ID: 460-94855-A-9

Lab Sample ID: 460-94855-9

Client ID: PW06-CP-00-051415

Operator ID: VOA GC/MS3

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

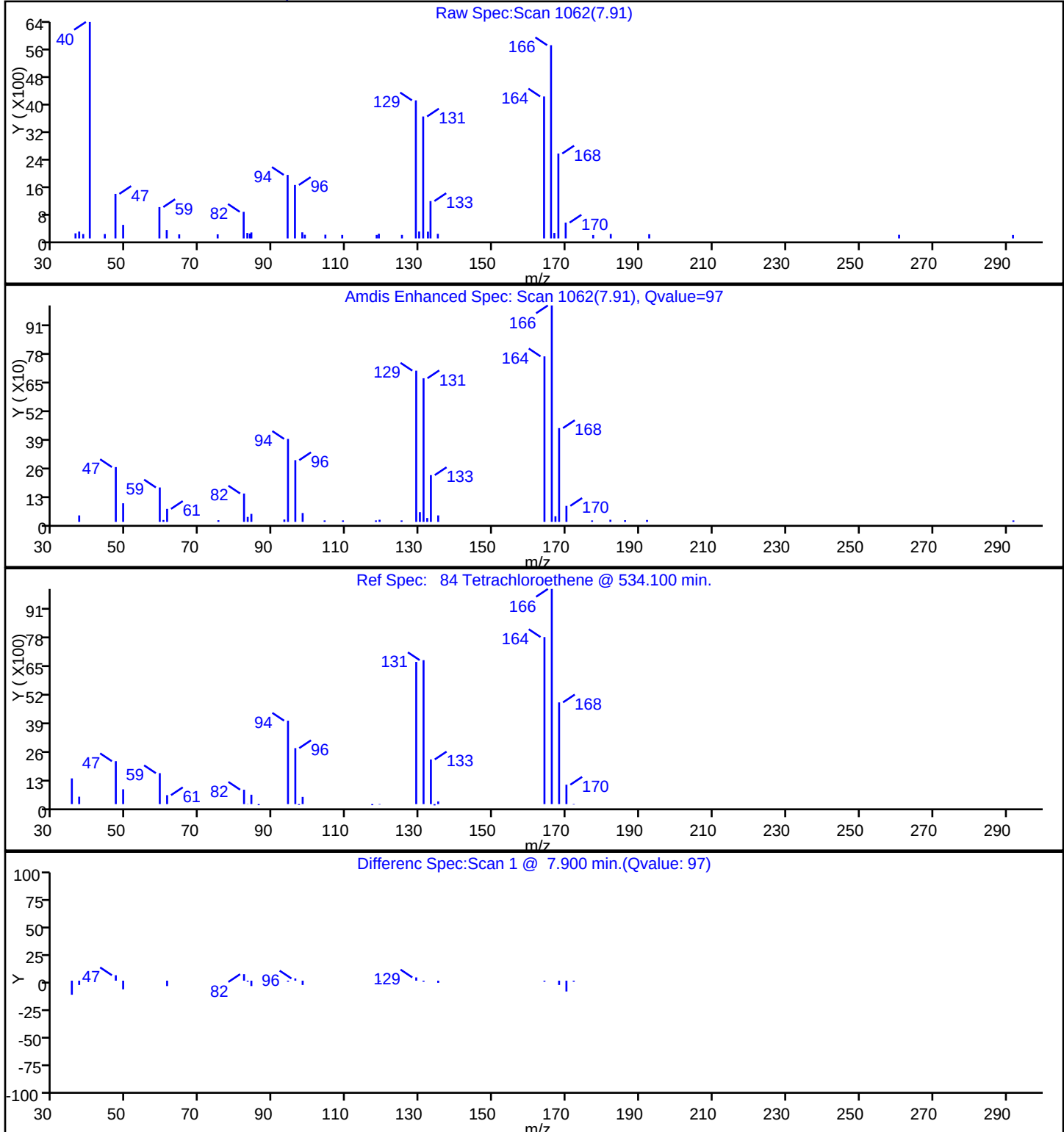
Dil. Factor: 1.0000

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

84 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08869.D

Injection Date: 23-May-2015 02:20:30

Instrument ID: CVOAMS3

Lims ID: 460-94855-A-9

Lab Sample ID: 460-94855-9

Client ID: PW06-CP-00-051415

Operator ID: VOA GC/MS3

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

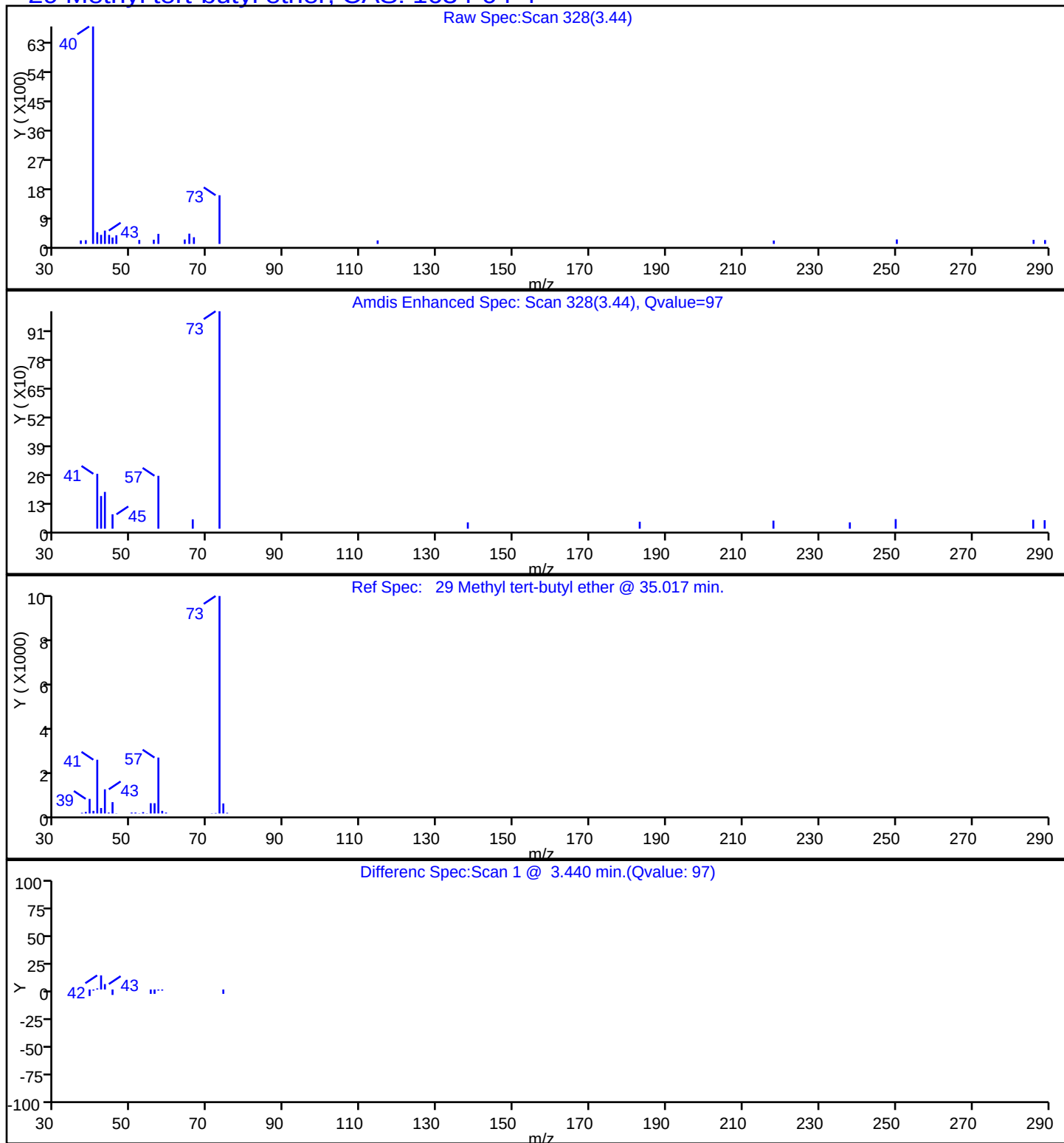
Dil. Factor: 1.0000

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

29 Methyl tert-butyl ether, CAS: 1634-04-4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-94855-1</u>
SDG No.: _____	
Client Sample ID: <u>PW07B-CP-00-051415</u>	Lab Sample ID: <u>460-94855-10</u>
Matrix: <u>Water</u>	Lab File ID: <u>C08870.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>05/14/2015 07:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>05/23/2015 02:45</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>300464</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	5.0	U	5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
67-66-3	Chloroform	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-93-3	2-Butanone	5.0	U	5.0	2.2
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	1.0	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Client Sample ID: PW07B-CP-00-051415 Lab Sample ID: 460-94855-10
 Matrix: Water Lab File ID: C08870.D
 Analysis Method: 8260C Date Collected: 05/14/2015 07:00
 Sample wt/vol: 5 (mL) Date Analyzed: 05/23/2015 02:45
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 300464 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
110-82-7	Cyclohexane	1.0	U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	50	U	50	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-130
2037-26-5	Toluene-d8 (Surr)	111		70-130
460-00-4	4-Bromofluorobenzene	109		64-135
1868-53-7	Dibromofluoromethane (Surr)	102		72-137

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08870.D
 Lims ID: 460-94855-A-10 Lab Sample ID: 460-94855-10
 Client ID: PW07B-CP-00-051415
 Sample Type: Client
 Inject. Date: 23-May-2015 02:45:30 ALS Bottle#: 15 Worklist Smp#: 16
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-94855-A-10
 Misc. Info.: 460-0027731-016
 Operator ID: VOA GC/MS3 Instrument ID: CVOAMS3
 Method: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150522-27731.b\8260W_3.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 23-May-2015 07:53:32 Calib Date: 12-Apr-2015 23:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150412-26140.b\C06941.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK016

First Level Reviewer: desais

Date: 23-May-2015 07:48:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.258	3.265	-0.007	88	295234	1000.0	
* 164 2-Butanone-d5	46	4.451	4.451	0.000	100	370018	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.986	4.986	0.000	94	101206	51.1	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.388	5.388	0.000	91	139396	52.6	
* 61 Fluorobenzene	96	5.698	5.704	-0.006	98	397576	50.0	
* 68 1,4-Dioxane-d8	96	6.477	6.483	-0.006	96	37865	1000.0	
\$ 79 Toluene-d8 (Surr)	98	7.371	7.371	0.000	99	424932	55.6	
* 90 Chlorobenzene-d5	117	8.667	8.667	0.000	87	296887	50.0	
\$ 101 4-Bromofluorobenzene	174	9.598	9.598	0.000	88	124946	54.4	
* 118 1,4-Dichlorobenzene-d4	152	10.443	10.443	0.000	96	152713	50.0	

Reagents:

8260ISSUR50_00015

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08870.D

Injection Date: 23-May-2015 02:45:30

Instrument ID: CVOAMS3

Operator ID: VOA GC/MS3

Lims ID: 460-94855-A-10

Lab Sample ID: 460-94855-10

Worklist Smp#: 16

Client ID: PW07B-CP-00-051415

Purge Vol: 5.000 mL

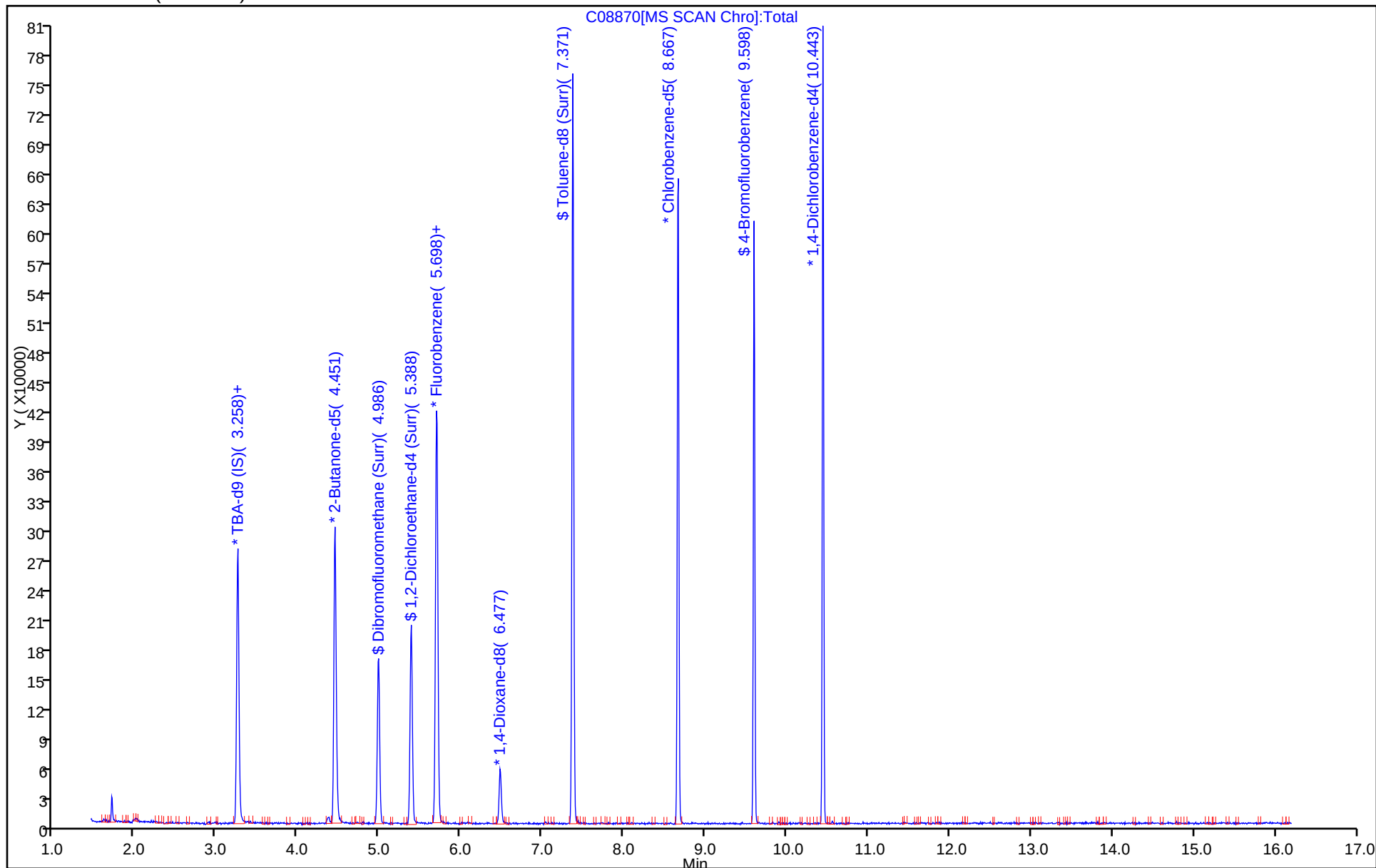
Dil. Factor: 1.0000

ALS Bottle#: 15

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-94855-1</u>
SDG No.: _____	
Client Sample ID: <u>TB-CP-QC-051415</u>	Lab Sample ID: <u>460-94855-12</u>
Matrix: <u>Water</u>	Lab File ID: <u>C08862.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>05/14/2015 07:55</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>05/22/2015 23:23</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>300464</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	5.0	U	5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
67-66-3	Chloroform	1.1		1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-93-3	2-Butanone	5.0	U	5.0	2.2
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.7		1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	0.66	J	1.0	0.22
124-48-1	Dibromochloromethane	3.1		1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	2.6		1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	0.16	J	1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-94855-1</u>
SDG No.: _____	
Client Sample ID: <u>TB-CP-QC-051415</u>	Lab Sample ID: <u>460-94855-12</u>
Matrix: <u>Water</u>	Lab File ID: <u>C08862.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>05/14/2015 07:55</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>05/22/2015 23:23</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>300464</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
110-82-7	Cyclohexane	1.0	U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	50	U	50	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-130
2037-26-5	Toluene-d8 (Surr)	111		70-130
460-00-4	4-Bromofluorobenzene	108		64-135
1868-53-7	Dibromofluoromethane (Surr)	103		72-137

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08862.D
 Lims ID: 460-94855-A-12 Lab Sample ID: 460-94855-12
 Client ID: TB-CP-QC-051415
 Sample Type: Client
 Inject. Date: 22-May-2015 23:23:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-94855-A-12
 Misc. Info.: 460-0027731-008
 Operator ID: VOA GC/MS3 Instrument ID: CVOAMS3
 Method: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150522-27731.b\8260W_3.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 23-May-2015 07:53:32 Calib Date: 12-Apr-2015 23:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150412-26140.b\C06941.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK016

First Level Reviewer: starzecm

Date: 23-May-2015 00:39:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.259	3.265	-0.006	88	236841	1000.0	
* 164 2-Butanone-d5	46	4.451	4.451	0.000	100	309201	250.0	
48 Chloroform	83	4.804	4.804	0.000	97	5232	1.09	
\$ 51 Dibromofluoromethane (Surr	113	4.986	4.986	0.000	94	96767	51.7	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.388	5.388	0.000	91	131176	52.4	
* 61 Fluorobenzene	96	5.704	5.704	0.000	98	375629	50.0	
65 Trichloroethene	95	6.118	6.112	0.006	92	1883	0.6566	
* 68 1,4-Dioxane-d8	96	6.483	6.483	0.000	96	29296	1000.0	
73 Dichlorobromomethane	83	6.702	6.702	0.000	97	6069	1.70	
\$ 79 Toluene-d8 (Surr)	98	7.371	7.371	0.000	99	394662	55.6	
84 Tetrachloroethene	166	7.900	7.906	-0.006	24	403	0.1597	
88 Chlorodibromomethane	129	8.192	8.192	0.000	97	7032	3.06	
* 90 Chlorobenzene-d5	117	8.667	8.667	0.000	87	275888	50.0	
99 Bromoform	173	9.360	9.360	0.000	91	3877	2.56	
\$ 101 4-Bromofluorobenzene	174	9.598	9.598	0.000	88	112680	54.2	
* 118 1,4-Dichlorobenzene-d4	152	10.443	10.443	0.000	97	138338	50.0	

Reagents:

8260ISSUR50_00015

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08862.D

Injection Date: 22-May-2015 23:23:30

Instrument ID: CVOAMS3

Operator ID: VOA GC/MS3

Lims ID: 460-94855-A-12

Lab Sample ID: 460-94855-12

Worklist Smp#: 8

Client ID: TB-CP-QC-051415

Purge Vol: 5.000 mL

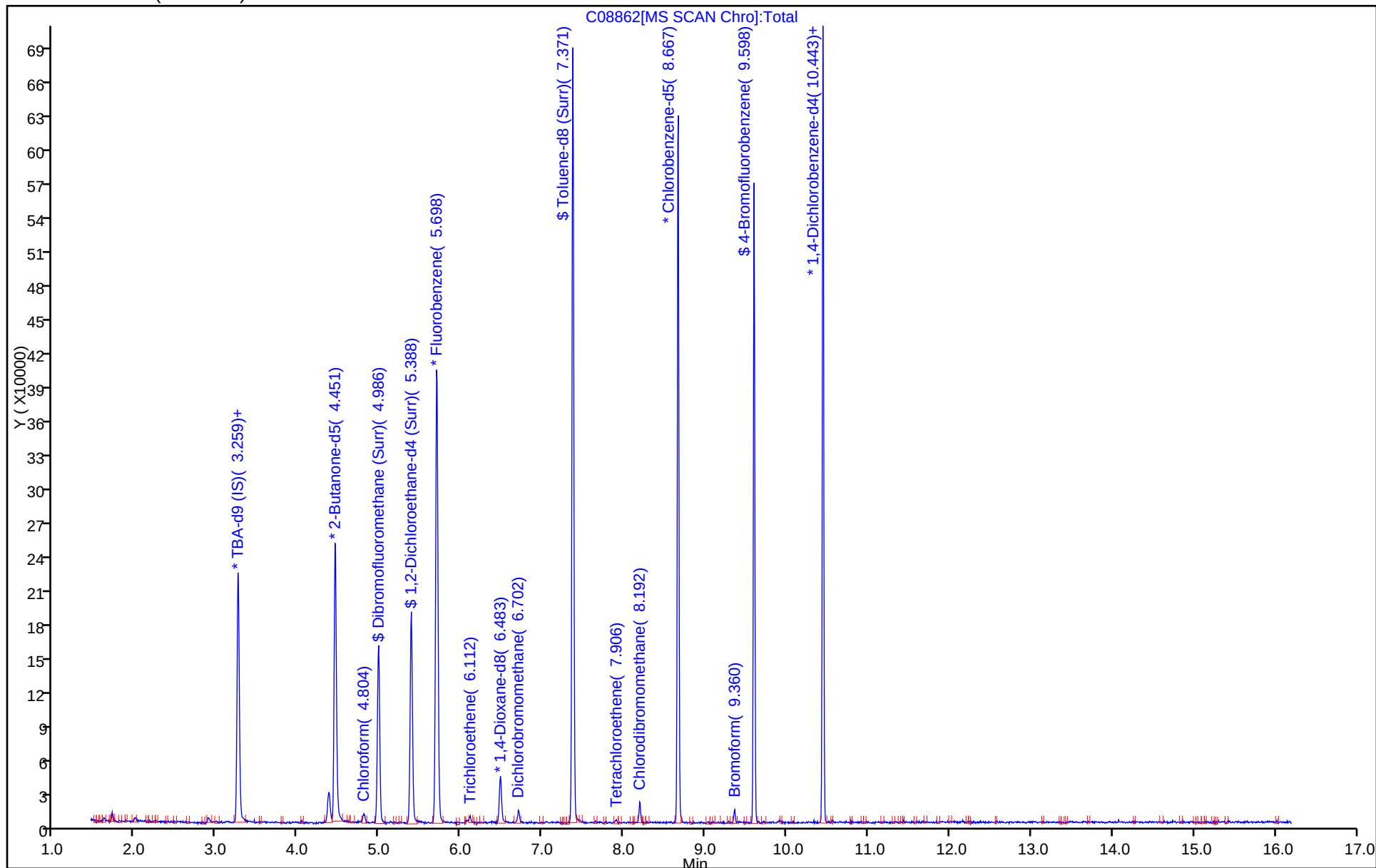
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08862.D

Injection Date: 22-May-2015 23:23:30

Instrument ID: CVOAMS3

Lims ID: 460-94855-A-12

Lab Sample ID: 460-94855-12

Client ID: TB-CP-QC-051415

Operator ID: VOA GC/MS3

ALS Bottle#: 7 Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

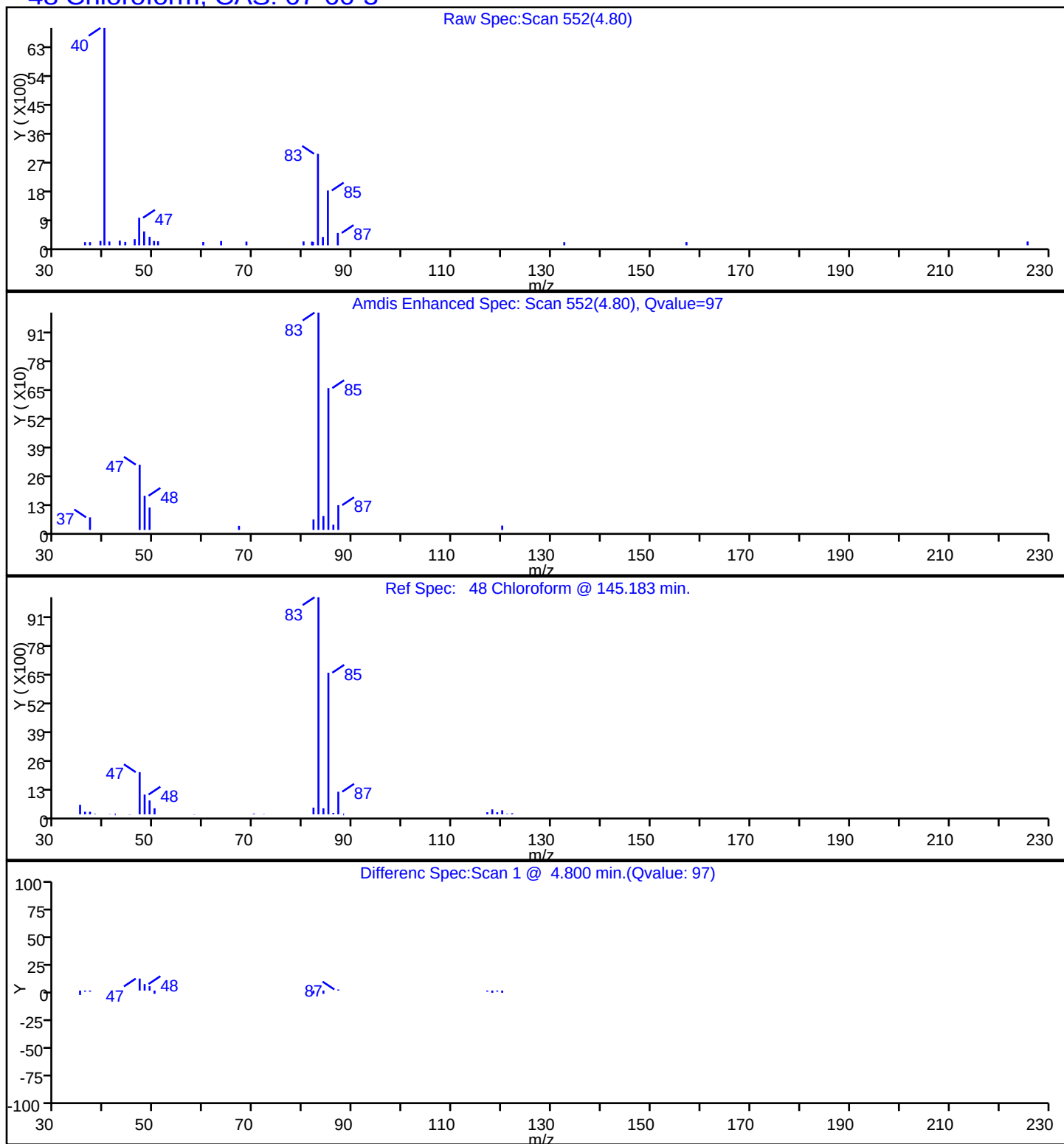
Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

48 Chloroform, CAS: 67-66-3



TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08862.D

Injection Date: 22-May-2015 23:23:30

Instrument ID: CVOAMS3

Lims ID: 460-94855-A-12

Lab Sample ID: 460-94855-12

Client ID: TB-CP-QC-051415

Operator ID: VOA GC/MS3

ALS Bottle#: 7 Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

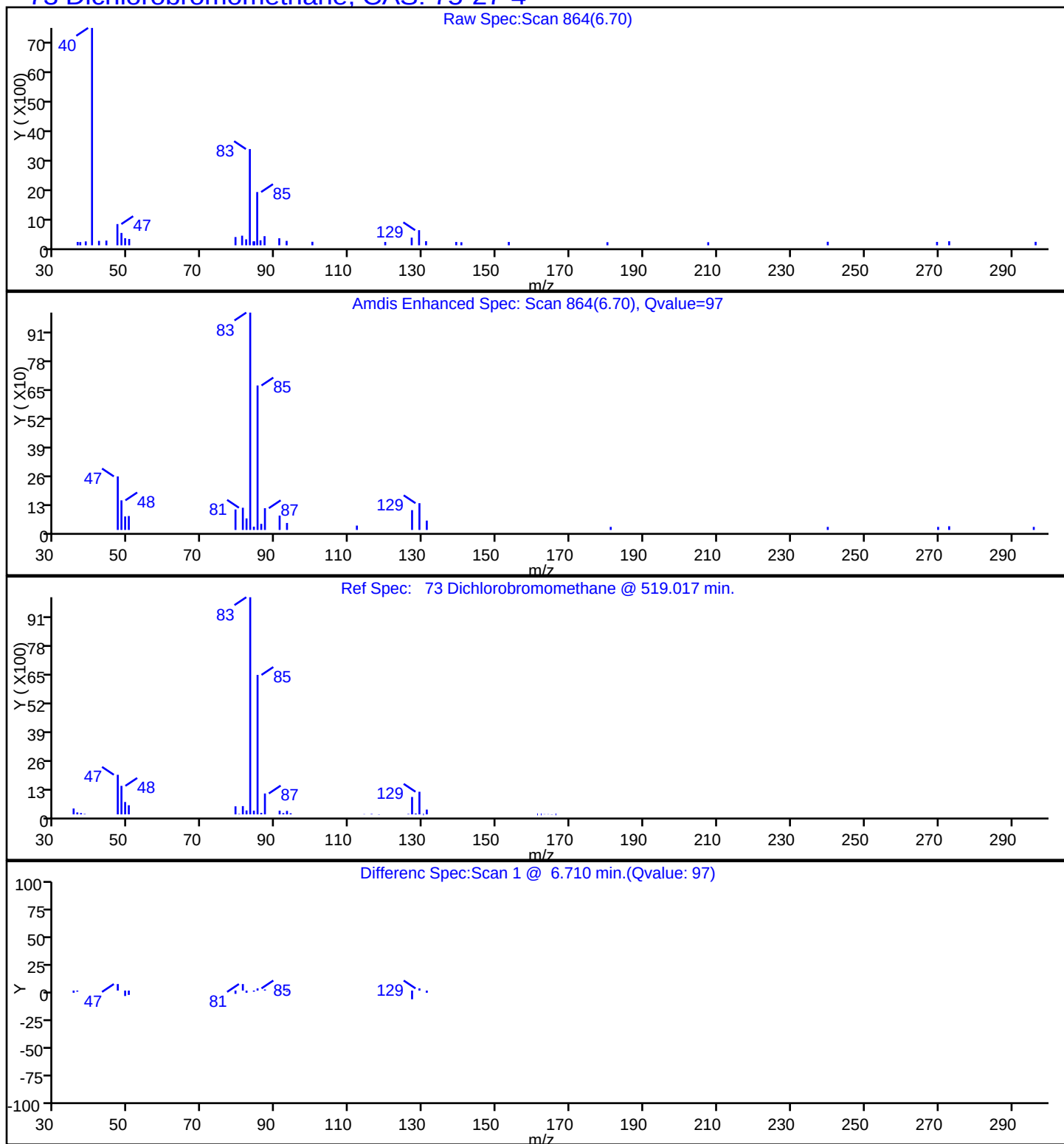
Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

73 Dichlorobromomethane, CAS: 75-27-4



TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08862.D

Injection Date: 22-May-2015 23:23:30

Instrument ID: CVOAMS3

Lims ID: 460-94855-A-12

Lab Sample ID: 460-94855-12

Client ID: TB-CP-QC-051415

Operator ID: VOA GC/MS3

ALS Bottle#: 7 Worklist Smp#: 8

Purge Vol: 5.000 mL

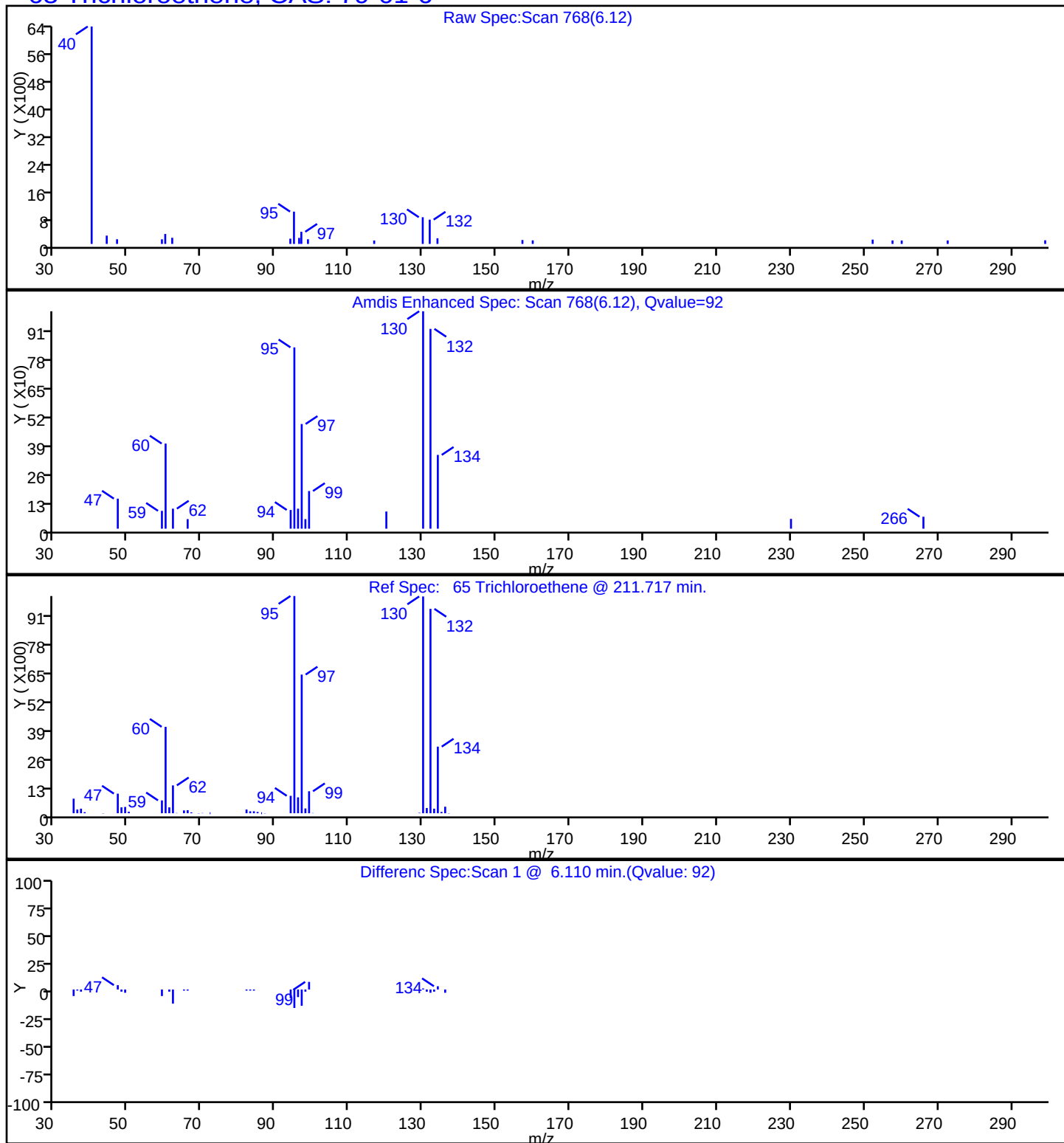
Dil. Factor: 1.0000

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

65 Trichloroethene, CAS: 79-01-6

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08862.D

Injection Date: 22-May-2015 23:23:30

Instrument ID: CVOAMS3

Lims ID: 460-94855-A-12

Lab Sample ID: 460-94855-12

Client ID: TB-CP-QC-051415

Operator ID: VOA GC/MS3

ALS Bottle#: 7

Worklist Smp#: 8

Purge Vol: 5.000 mL

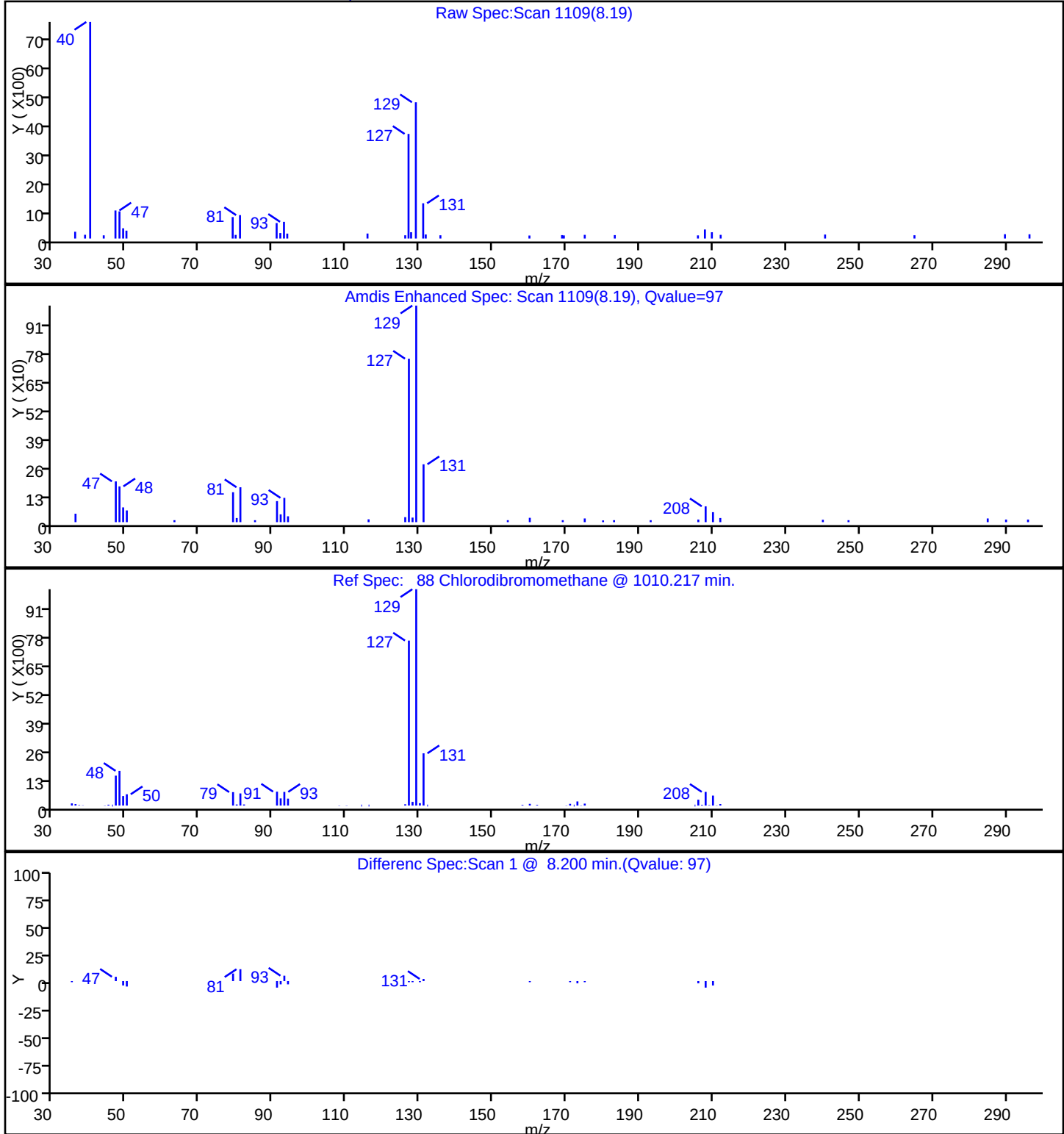
Dil. Factor: 1.0000

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

88 Chlorodibromomethane, CAS: 124-48-1

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08862.D

Injection Date: 22-May-2015 23:23:30

Instrument ID: CVOAMS3

Lims ID: 460-94855-A-12

Lab Sample ID: 460-94855-12

Client ID: TB-CP-QC-051415

Operator ID: VOA GC/MS3

ALS Bottle#: 7 Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

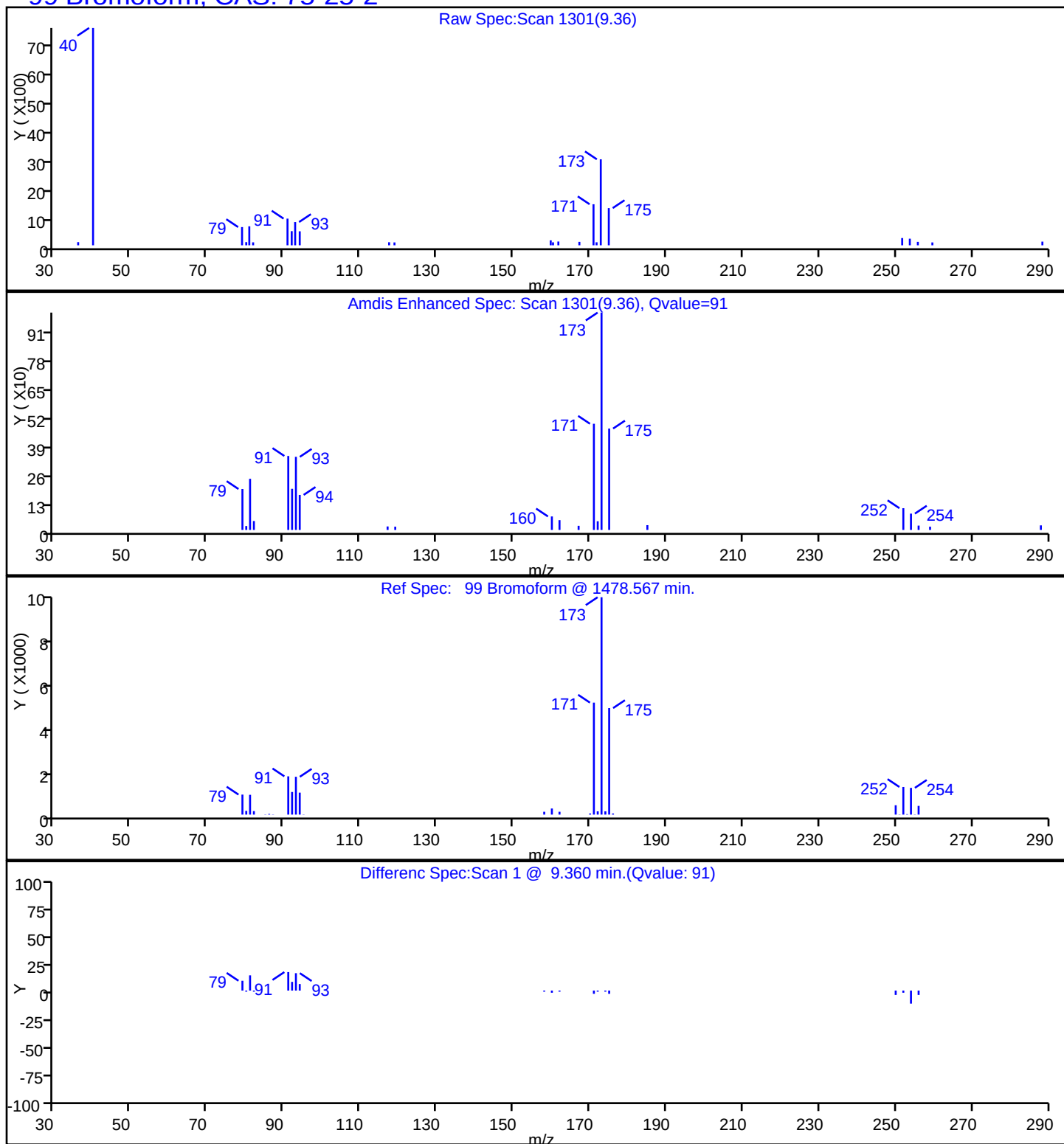
Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

99 Bromoform, CAS: 75-25-2



TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08862.D

Injection Date: 22-May-2015 23:23:30

Instrument ID: CVOAMS3

Lims ID: 460-94855-A-12

Lab Sample ID: 460-94855-12

Client ID: TB-CP-QC-051415

Operator ID: VOA GC/MS3

ALS Bottle#: 7 Worklist Smp#: 8

Purge Vol: 5.000 mL

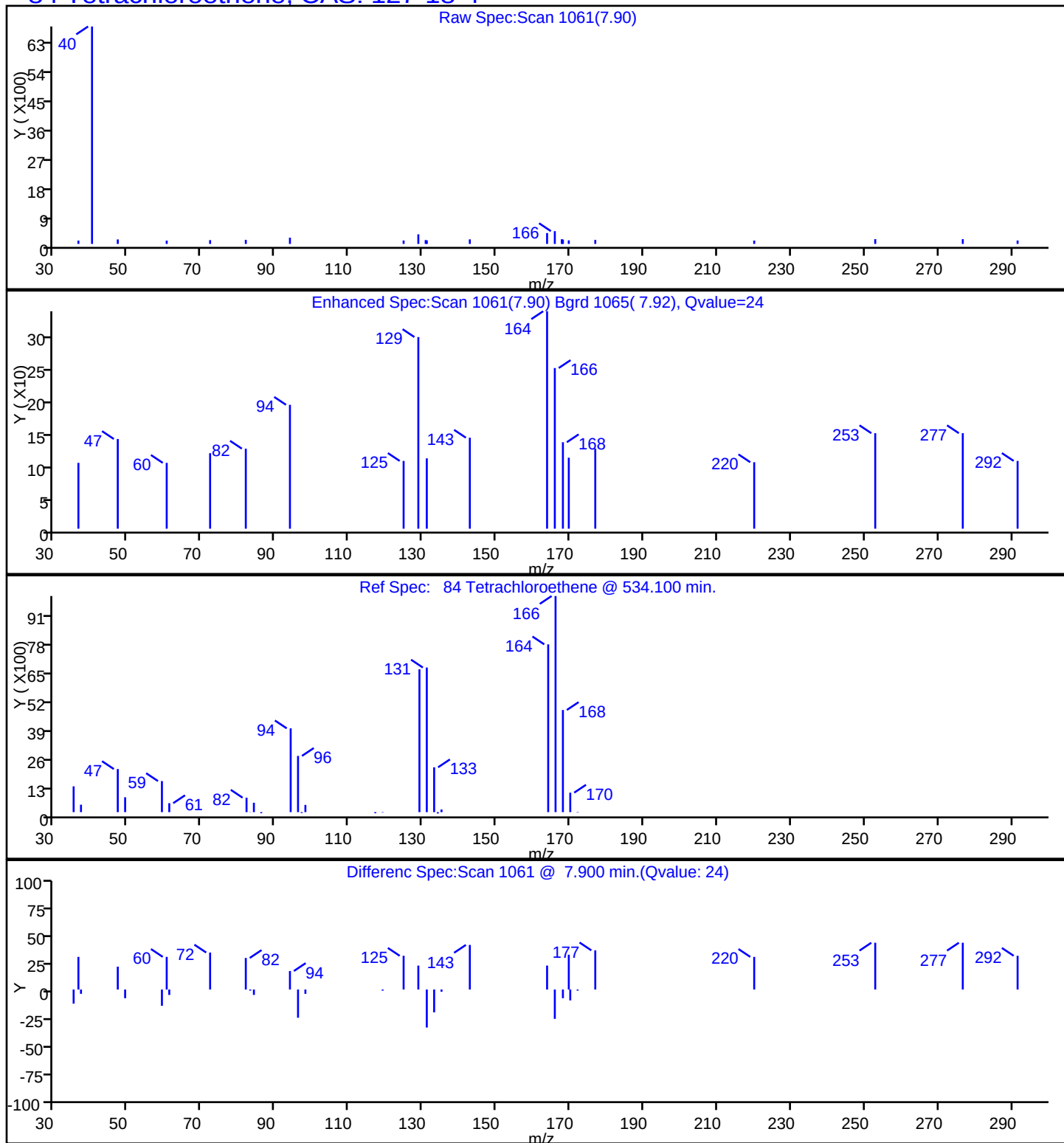
Dil. Factor: 1.0000

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

84 Tetrachloroethene, CAS: 127-18-4

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 291869

SDG No.: _____

Instrument ID: CVOAMS3 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/12/2015 19:49 Calibration End Date: 04/12/2015 23:12 Calibration ID: 49181

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-291869/11	C06941.D
Level 2	STD1 460-291869/3	C06933.D
Level 3	STD5 460-291869/4	C06934.D
Level 4	STD20 460-291869/5	C06935.D
Level 5	STD50 460-291869/6	C06936.D
Level 6	STD200 460-291869/7	C06937.D
Level 7	STD500 460-291869/8	C06938.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.0324	0.0041 0.0424	0.0040	0.0138	0.0231	QuaF		0.0249	0.0000351						1.0000		0.9900
Dichlorodifluoromethane	+++++ 0.4339	0.3423 0.4108	0.4078	0.4044	0.4039	Ave		0.4005			0.1000	7.6		20.0			
Chloromethane	+++++ 0.4664	0.4142 0.4141	0.5131	0.4854	0.4735	Ave		0.4611			0.1000	8.6		20.0			
Vinyl chloride	+++++ 0.5263	0.4141 0.4903	0.5241	0.5080	0.5037	Ave		0.4944			0.1000	8.4		20.0			
Butadiene	+++++ 0.5183	0.3015 0.4757	0.4240	0.4982	0.5040	Ave		0.4536				18.0		20.0			
Bromomethane	+++++ 0.2635	0.1646 0.3012	0.1453	0.1630	0.2037	QuaF		0.2309	0.0001412		0.1000				1.0000		0.9900
Chloroethane	+++++ 0.3296	0.3886 0.3326	0.3738	0.3604	0.3438	Ave		0.3548			0.1000	6.7		20.0			
Dichlorofluoromethane	+++++ 0.7829	0.6882 0.7626	0.8217	0.8100	0.8165	Ave		0.7804				6.5		20.0			
Trichlorofluoromethane	+++++ 0.6337	0.4678 0.6289	0.6841	0.6422	0.6387	Ave		0.6159			0.1000	12.2		20.0			
Pentane	+++++ 0.0909	0.0595 0.0675	0.0903	0.0879	0.0926	Ave		0.0814				17.4		20.0			
Ethanol	+++++ 0.0750	0.0696 0.0710	0.0767	0.0750	0.0768	Ave		0.0740				4.1		20.0			
Ethyl ether	+++++ 0.3699	0.3848 0.3571	0.3740	0.3792	0.3858	Ave		0.3751				2.9		20.0			
2-Methyl-1,3-butadiene	+++++ 0.4412	0.3042 0.4137	0.4658	0.4454	0.4627	Ave		0.4221				14.4		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.2882	0.3254 0.2922	0.3163	0.3163	0.3213	Ave		0.3099				5.1		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 291869
SDG No.: _____
Instrument ID: CVOAMS3 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 04/12/2015 19:49 Calibration End Date: 04/12/2015 23:12 Calibration ID: 49181

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,2-Trichloro-1,2,2-trifluoroethane	++++ 0.3852	0.2935 0.3280	0.3265	0.3914	0.4064	Ave		0.3552			0.1000	12.7		20.0			
Acrolein	++++ 0.0263	0.0249 0.0271	0.0174	0.0203	0.0198	Ave		0.0226				17.6		20.0			
1,1-Dichloroethene	++++ 0.3396	0.4017 0.3403	0.3782	0.3628	0.3550	Ave		0.3630			0.1000	6.6		20.0			
Acetone	++++ 0.8345	0.9898 0.7730	0.8861	0.8049	0.8102	Ave		0.8497			0.0500	9.2		20.0			
Iodomethane	++++ 0.1965	0.1035 0.2331	0.0846	0.1468	0.1883	QuaF		0.1727	0.0001208						1.0000		0.9900
Carbon disulfide	++++ 1.1020	1.0974 1.0664	1.1191	1.0881	1.0571	Ave		1.0884			0.1000	2.1		20.0			
Isopropyl alcohol	++++ 0.7702	0.9656 0.7407	0.8025	0.6966	0.6663	Ave		0.7736				13.7		20.0			
Allyl chloride	++++ 0.1623	0.1925 0.1736	0.1922	0.1872	0.1487	Ave		0.1761				10.2		20.0			
Methyl acetate	++++ 0.3979	0.3940 0.3747	0.4148	0.3826	0.3528	Ave		0.3862			0.1000	5.5		20.0			
Cyclopentene	++++ 0.9656	0.8266 0.9823	1.1021	1.0378	1.0197	Ave		0.9890				9.4		20.0			
Acetonitrile	++++ 0.0750	0.0701 0.0824	0.0608	0.0631	0.0563	Ave		0.0680				14.3		20.0			
Methylene Chloride	++++ 0.3582	0.4566 0.3481	0.3956	0.3504	0.3533	Ave		0.3770			0.1000	11.3		20.0			
2-Methyl-2-propanol	++++ 1.0382	1.7847 0.9788	1.0924	1.0821	1.0413	QuaF		1.0745	-0.000019						1.0000		0.9900
Methyl tert-butyl ether	++++ 1.0381	1.0745 0.9809	1.0569	0.9865	1.0171	Ave		1.0257			0.1000	3.7		20.0			
trans-1,2-Dichloroethene	++++ 0.3413	0.3988 0.3424	0.3678	0.3667	0.3512	Ave		0.3614			0.1000	6.0		20.0			
Acrylonitrile	0.5222 0.1622	0.1536 0.1522	0.1519	0.1537	0.1452	QuaF		0.1655	-0.000003						1.0000		0.9900
Hexane	++++ 0.4108	0.3021 0.3872	0.2957	0.4295	0.4234	Ave		0.3748				16.2		20.0			
Isopropyl ether	++++ 1.3163	1.3763 1.2050	1.3282	1.2851	1.3225	Ave		1.3056				4.4		20.0			
1,1-Dichloroethane	++++ 0.6737	0.7826 0.6948	0.7493	0.7190	0.7356	Ave		0.7258			0.2000	5.4		20.0			
Vinyl acetate	++++ 0.3808	0.3512 0.4075	0.3749	0.3770	0.3662	Ave		0.3763				4.9		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 291869
SDG No.: _____
Instrument ID: CVOAMS3 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 04/12/2015 19:49 Calibration End Date: 04/12/2015 23:12 Calibration ID: 49181

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Allyl alcohol	++++ 0.2161	0.1937 0.2154	0.1754	0.1984	0.1984	Ave		0.1996				7.6		20.0			
2-Chloro-1,3-butadiene	++++ 0.3486	0.2862 0.3384	0.3766	0.3287	0.3454	Ave		0.3373				8.8		20.0			
Tert-butyl ethyl ether	++++ 1.1703	1.1204 1.0854	1.1051	1.0554	1.1776	Ave		1.1190				4.3		20.0			
2,2-Dichloropropane	++++ 0.1832	0.2201 0.1168	0.1913	0.1832	0.1826	Ave		0.1796				18.9		20.0			
cis-1,2-Dichloroethene	++++ 0.3777	0.3663 0.3742	0.3916	0.3950	0.3894	Ave		0.3824			0.1000	3.0		20.0			
2-Butanone	++++ 0.2903	0.3292 0.2589	0.2632	0.2652	0.2885	Ave		0.2826			0.0500	9.4		20.0			
Ethyl acetate	++++ 0.2247	0.2502 0.2097	0.2069	0.2149	0.2282	Ave		0.2225				7.2		20.0			
Methyl acrylate	++++ 0.4145	0.3541 0.4280	0.3368	0.3627	0.3851	Ave		0.3802				9.4		20.0			
Propionitrile	++++ 0.0661	0.0613 0.0702	0.0584	0.0558	0.0608	Ave		0.0621				8.4		20.0			
Tetrahydrofuran	++++ 0.3157	0.3230 0.2893	0.3005	0.2715	0.3087	Ave		0.3015				6.2		20.0			
Bromochloromethane	++++ 0.1649	0.1774 0.1624	0.1724	0.1492	0.1493	Ave		0.1626				7.2		20.0			
Methacrylonitrile	++++ 0.1924	0.1644 0.1623	0.1650	0.1608	0.1644	Ave		0.1682				7.1		20.0			
Chloroform	++++ 0.6515	0.6543 0.6052	0.6424	0.6360	0.6475	Ave		0.6395			0.2000	2.8		20.0			
Cyclohexane	++++ 0.7433	0.5257 0.6766	0.5322	0.7147	0.7346	Ave		0.6545			0.1000	15.3		20.0			
1,1,1-Trichloroethane	++++ 0.5746	0.4873 0.5227	0.5181	0.5428	0.5562	Ave		0.5336			0.1000	5.8		20.0			
Carbon tetrachloride	++++ 0.4924	0.3821 0.4743	0.4140	0.4476	0.4821	Ave		0.4488			0.1000	9.6		20.0			
1,1-Dichloropropene	++++ 0.5297	0.4977 0.5195	0.4793	0.5074	0.5084	Ave		0.5070				3.4		20.0			
Isobutyl alcohol	++++ 0.8177	0.6930 0.6969	0.6516	0.7122	0.7294	Ave		0.7168				7.8		20.0			
Benzene	++++ 1.8299	1.9195 1.5609	1.8022	1.7858	1.7048	Ave		1.7672			0.5000	6.9		20.0			
Tert-amyl methyl ether	++++ 1.1086	0.9882 1.2723	0.9591	0.9642	1.0573	Ave		1.0583				11.3		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 291869
SDG No.: _____
Instrument ID: CVOAMS3 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 04/12/2015 19:49 Calibration End Date: 04/12/2015 23:12 Calibration ID: 49181

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Isopropyl acetate	++++ 1.2629	1.1496 1.3479	1.1269	1.1161	1.1935	Ave		1.1995				7.5		20.0			
1,2-Dichloroethane	++++ 0.5315	0.6263 0.4699	0.5303	0.4929	0.5109	Ave		0.5270			0.1000	10.2		20.0			
n-Heptane	++++ 0.3014	0.1599 0.2671	0.1806	0.2894	0.3049	QuaF		0.3214	-0.000108						1.0000		0.9900
2,4,4-Trimethyl-1-pentene	++++ 1.0936	0.5534 0.9175	1.0004	0.9592	1.0253	QuaF		1.1837	-0.000265						1.0000		0.9900
n-Butanol	++++ 0.3361	0.2954 0.3265	0.2654	0.2739	0.3088	Ave		0.3010				9.4		20.0			
Trichloroethene	++++ 0.3813	0.3895 0.3866	0.3717	0.3782	0.3830	Ave		0.3817			0.2000	1.6		20.0			
Methylcyclohexane	++++ 0.6467	0.3670 0.6388	0.4281	0.6596	0.6547	QuaF		0.6524	-0.000027		0.1000				1.0000		0.9900
Ethyl acrylate	++++ 1.1218	0.7729 1.2144	0.8391	1.0605	1.1071	Ave		1.0193				17.1		20.0			
1,2-Dichloropropane	++++ 0.4177	0.4334 0.4455	0.3940	0.4078	0.4083	Ave		0.4178			0.1000	4.5		20.0			
Methyl methacrylate	++++ 0.1175	0.1015 0.1232	0.1000	0.1006	0.1131	Ave		0.1093				9.1		20.0			
1,4-Dioxane	++++ 1.0636	1.4408 1.0790	1.2220	1.0104	1.2317	Ave		1.1746				13.5		20.0			
Dibromomethane	++++ 0.1938	0.2230 0.1895	0.2197	0.2212	0.2636	Ave		0.2185				12.1		20.0			
n-Propyl acetate	++++ 0.7434	0.6217 0.7606	0.6027	0.5841	0.7580	Ave		0.6784				12.4		20.0			
Bromodichloromethane	++++ 0.5153	0.4418 0.4691	0.4474	0.4674	0.5117	Ave		0.4754			0.2000	6.6		20.0			
2-Nitropropane	++++ 0.1253	0.1182 0.1366	0.0939	0.0981	0.1106	Ave		0.1138				14.3		20.0			
2-Chloroethyl vinyl ether	++++ 0.2528	0.2391 0.2619	0.2655	0.2498	0.2779	Ave		0.2578				5.3		20.0			
Epichlorohydrin	0.2878 0.2585	0.2427 0.1748	0.2125	0.2359	0.2384	Ave		0.2358				15.0		20.0			
cis-1,3-Dichloropropene	++++ 0.9270	0.6488 0.6982	0.7028	0.7331	0.7418	Ave		0.7420			0.2000	13.0		20.0			
4-Methyl-2-pentanone (MIBK)	++++ 2.6970	2.2630 1.7528	2.2131	2.5791	2.7101	Ave		2.3692			0.0500	15.6		20.0			
Toluene	++++ 1.9727	1.9279 1.5115	1.8365	2.0225	2.0831	Ave		1.8924			0.4000	10.8		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 291869
SDG No.: _____
Instrument ID: CVOAMS3 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 04/12/2015 19:49 Calibration End Date: 04/12/2015 23:12 Calibration ID: 49181

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
trans-1,3-Dichloropropene	++++ 0.6804	0.5547 0.6385	0.6084	0.6314	0.6366	Ave		0.6250			0.1000	6.7		20.0			
Ethyl methacrylate	++++ 0.5227	0.4226 0.5282	0.4332	0.4651	0.5224	Ave		0.4823				10.0		20.0			
1,1,2-Trichloroethane	++++ 0.3667	0.3308 0.3280	0.3159	0.3399	0.3544	Ave		0.3393			0.1000	5.5		20.0			
Tetrachloroethene	++++ 0.4767	0.5045 0.4376	0.4155	0.4557	0.4536	Ave		0.4573			0.2000	6.7		20.0			
1,3-Dichloropropane	++++ 0.7364	0.7772 0.7461	0.6682	0.7255	0.6918	Ave		0.7242				5.4		20.0			
2-Hexanone	++++ 1.7079	1.5665 1.3819	1.5755	1.7563	1.7943	Ave		1.6304			0.0500	9.4		20.0			
n-Butyl acetate	++++ 0.1246	0.1031 0.1389	0.0990	0.1158	0.1107	Ave		0.1154				12.7		20.0			
Dibromochloromethane	++++ 0.4536	0.3969 0.4537	0.3721	0.3960	0.4234	Ave		0.4159			0.1000	8.0		20.0			
1,2-Dibromoethane	++++ 0.4325	0.3931 0.4127	0.3715	0.4087	0.4026	Ave		0.4035			0.1000	5.1		20.0			
Chlorobenzene	++++ 1.1924	1.2837 1.0192	1.2004	1.2035	1.2138	Ave		1.1855			0.5000	7.4		20.0			
Ethylbenzene	++++ 0.6529	0.6023 0.6053	0.6391	0.6778	0.6446	Ave		0.6370			0.1000	4.5		20.0			
1,1,1,2-Tetrachloroethane	++++ 0.4342	0.3287 0.3973	0.3796	0.4128	0.4011	Ave		0.3923				9.2		20.0			
m&p-Xylene	++++ 0.7882	0.7185 0.7722	0.7663	0.7888	0.7939	Ave		0.7713			0.1000	3.6		20.0			
n-Butyl acrylate	++++ 0.3778	0.3363 0.3576	0.3112	0.3300	0.3342	Ave		0.3412				6.8		20.0			
o-Xylene	++++ 0.7549	0.7947 0.6964	0.6939	0.9005	0.7324	Ave		0.7621			0.3000	10.2		20.0			
Styrene	++++ 1.3153	1.1773 1.2158	1.2367	1.4504	1.4398	Ave		1.3059			0.3000	9.0		20.0			
Amyl acetate (mixed isomers)	++++ 1.9463	1.6676 1.9854	1.6344	1.6267	1.7522	Ave		1.7688				9.0		20.0			
Bromoform	++++ 0.3043	0.2549 0.3401	0.2306	0.2531	0.2641	Ave		0.2745			0.1000	14.6		20.0			
Isopropylbenzene	++++ 1.8732	1.7925 1.5395	1.7990	2.0782	2.0381	Ave		1.8534			0.1000	10.5		20.0			
Camphene	++++ 0.1887	0.1300 0.1763	0.1980	0.1909	0.1863	Ave		0.1784				13.9		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 291869
SDG No.: _____
Instrument ID: CVOAMS3 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 04/12/2015 19:49 Calibration End Date: 04/12/2015 23:12 Calibration ID: 49181

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Bromobenzene	++++ 0.9640	0.9004 0.9134	0.8761	0.8763	0.9067	Ave		0.9061				3.6		20.0			
1,1,2,2-Tetrachloroethane	++++ 1.2252	1.0114 1.0767	0.8426	0.9651	0.9968	Ave		1.0196			0.3000	12.4		20.0			
N-Propylbenzene	++++ 4.9027	4.1785 3.2700	3.9576	4.6224	4.9449	Ave		4.3127				14.9		20.0			
1,2,3-Trichloropropane	++++ 0.3465	0.2944 0.3141	0.2736	0.2942	0.2907	Ave		0.3022				8.4		20.0			
trans-1,4-Dichloro-2-butene	++++ 0.3993	0.2898 0.3764	0.2592	0.3275	0.3494	Ave		0.3336				15.8		20.0			
4-Ethyltoluene	++++ 3.8251	3.2359 2.8697	3.6613	3.5515	3.9216	Ave		3.5109				11.2		20.0			
2-Chlorotoluene	++++ 3.1401	2.8172 2.4767	2.7809	2.9422	3.1091	Ave		2.8777				8.5		20.0			
1,3,5-Trimethylbenzene	++++ 3.0613	2.9350 2.4192	2.7341	3.0627	3.1691	Ave		2.8969				9.6		20.0			
4-Chlorotoluene	++++ 2.7450	2.7055 2.2610	2.5419	2.7081	2.7816	Ave		2.6238				7.5		20.0			
Butyl Methacrylate	++++ 1.1532	0.8513 1.1192	0.9805	1.0053	1.1467	Ave		1.0427				11.4		20.0			
tert-Butylbenzene	++++ 2.5536	2.3316 2.1813	2.2989	2.6527	3.1755	Ave		2.5323				14.2		20.0			
1,2,4-Trimethylbenzene	++++ 3.1143	2.7274 2.5873	2.8229	3.0378	3.6353	Ave		2.9875				12.5		20.0			
sec-Butylbenzene	++++ 3.7355	3.3099 2.8001	3.0332	3.8603	4.2464	Ave		3.4976				15.6		20.0			
4-Isopropyltoluene	++++ 3.1901	2.9878 2.6349	2.6827	3.2618	3.5436	Ave		3.0501				11.5		20.0			
1,3-Dichlorobenzene	++++ 1.6715	1.6290 1.5850	1.4744	1.6216	1.7407	Ave		1.6204			0.6000	5.5		20.0			
1,4-Dichlorobenzene	++++ 1.6717	1.7103 1.6015	1.4784	1.6310	1.7036	Ave		1.6327			0.5000	5.3		20.0			
Benzyl chloride	++++ 2.0797	1.2149 1.8620	1.3429	1.5928	1.8290	QuaF		2.1600	-0.000592						0.9990		0.9900
Indan	++++ 1.1977	1.1121 0.9924	1.3571	1.4512	1.3540	Ave		1.2441				14.0		20.0			
p-Diethylbenzene	++++ 1.9334	1.5902 1.7198	1.9440	2.0031	1.9557	Ave		1.8577				8.8		20.0			
n-Butylbenzene	++++ 3.5684	3.1520 2.8773	3.0628	3.8350	3.7796	Ave		3.3792				11.9		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 291869
SDG No.: _____
Instrument ID: CVOAMS3 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 04/12/2015 19:49 Calibration End Date: 04/12/2015 23:12 Calibration ID: 49181

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichlorobenzene	++++ 1.5624	1.4654 1.3582	1.3735	1.5015	1.6065	Ave		1.4779			0.4000	6.7		20.0			
1,2,4,5-Tetramethylbenzene	++++ 2.6694	2.4317 2.1650	2.5599	2.5332	2.6704	Ave		2.5049				7.6		20.0			
1,2-Dibromo-3-Chloropropane	++++ 0.2099	0.1943 0.2109	0.1637	0.1618	0.1713	Ave		0.1853			0.0500	12.2		20.0			
1,3,5-Trichlorobenzene	++++ 1.2035	0.9326 0.9472	1.0634	0.9738	1.0660	Ave		1.0311				9.9		20.0			
Camphor	++++ 0.1078	0.1249 0.1134	0.1036	0.0987	0.0877	Ave		0.1060				12.0		20.0			
1,2,4-Trichlorobenzene	++++ 0.9687	1.0353 0.8485	0.7782	0.8600	0.8779	Ave		0.8948			0.2000	10.3		20.0			
Hexachlorobutadiene	++++ 0.3906	0.3605 0.3421	0.3236	0.4130	0.3721	Ave		0.3670				8.8		20.0			
Naphthalene	++++ 2.4797	2.4880 2.2120	1.9451	2.2949	2.3505	Ave		2.2950				8.8		20.0			
1,2,3-Trichlorobenzene	++++ 0.7159	0.8421 0.7055	0.6269	0.7203	0.7282	Ave		0.7232				9.5		20.0			
Dibromofluoromethane (Surr)	0.2490 0.2395	0.2558 0.2367	0.2618	0.2463	0.2534	Ave		0.2489				3.6		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3282 0.3325	0.3388 0.3299	0.3446	0.3238	0.3369	Ave		0.3335				2.1		20.0			
Toluene-d8 (Surr)	1.2681 1.4107	1.2826 1.3075	1.2508	1.2609	1.2222	Ave		1.2861				4.7		20.0			
4-Bromofluorobenzene	0.7332 0.7691	0.7532 0.7576	0.7425	0.7636	0.7442	Ave		0.7519				1.7		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 291869

SDG No.: _____

Instrument ID: CVOAMS3 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/12/2015 19:49 Calibration End Date: 04/12/2015 23:12 Calibration ID: 49181

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-291869/11	C06941.D
Level 2	STD1 460-291869/3	C06933.D
Level 3	STD5 460-291869/4	C06934.D
Level 4	STD20 460-291869/5	C06935.D
Level 5	STD50 460-291869/6	C06936.D
Level 6	STD200 460-291869/7	C06937.D
Level 7	STD500 460-291869/8	C06938.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	QuaF	+++++ 77582	45 243621	231	2973	13240	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	+++++ 1037928	3744 2361517	23360	87419	231134	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	+++++ 1115636	4531 2380385	29396	104928	270987	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 1258981	4530 2818247	30025	109824	288262	+++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	+++++ 1239903	3298 2734197	24293	107694	288427	+++++ 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	QuaF	+++++ 630419	1800 1731432	8324	35242	116561	+++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	FB	Ave	+++++ 788528	4251 1912122	21413	77921	196735	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	+++++ 1872929	7528 4383894	47077	175113	467319	+++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	+++++ 1515859	5117 3614958	39190	138841	365562	+++++ 200	1.00 500	5.00	20.0	50.0
Pentane	FB	Ave	+++++ 434764	1302 776204	10343	37994	106028	+++++ 400	2.00 1000	10.0	40.0	100
Ethanol	TBA	Ave	+++++ 344183	1392 937287	8465	31087	82561	+++++ 10000	50.0 25000	250	1000	2500
Ethyl ether	FB	Ave	+++++ 884945	4209 2052586	21424	81966	220824	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 1055341	3327 2378091	26683	96290	264803	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 689383	3559 1679649	18122	68371	183890	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 921555	3210 1885541	18703	84607	232586	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 291869

SDG No.: _____

Instrument ID: CVOAMS3 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/12/2015 19:49 Calibration End Date: 04/12/2015 23:12 Calibration ID: 49181

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Acrolein	FB	Ave	++++ 62999	1088 124542	3986	8792	22672	++++ 200	4.00 400	20.0	40.0	100
1,1-Dichloroethene	FB	Ave	++++ 812403	4394 1956344	21668	78436	203189	++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	++++ 1801627	8732 4560284	42952	148619	379353	++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	QuaF	++++ 470063	1132 1339870	4845	31745	107791	++++ 200	1.00 500	5.00	20.0	50.0
Carbon disulfide	FB	Ave	++++ 2636341	12004 6129678	64113	235233	604983	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBA	Ave	++++ 706912	3863 1956531	17717	57731	143200	++++ 2000	10.0 5000	50.0	200	500
Allyl chloride	FB	Ave	++++ 388342	2106 997777	11010	40465	85106	++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	FB	Ave	++++ 4759045	21550 10770299	118823	413602	1009582	++++ 1000	5.00 2500	25.0	100	250
Cyclopentene	FB	Ave	++++ 2310027	9042 5646746	63140	224345	583604	++++ 200	1.00 500	5.00	20.0	50.0
Acetonitrile	FB	Ave	++++ 1793829	7669 4738657	34823	136307	322456	++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	++++ 856793	4994 2001064	22661	75740	202206	++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBA	QuaF	++++ 952922	7140 2585361	24115	89678	223805	++++ 2000	10.0 5000	50.0	200	500
Methyl tert-butyl ether	FB	Ave	++++ 2483307	11753 5638700	60547	213254	582125	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	++++ 816452	4362 1968215	21068	79270	201023	++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	QuaF	10982 3879679	16801 8746155	87019	332310	830908	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	Ave	++++ 982700	3304 2225717	16939	92852	242327	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	++++ 3148809	15054 6926873	76093	277819	756859	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	++++ 1611574	8560 3994046	42927	155445	420988	++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	FB	Ave	++++ 1822125	7684 4685043	42958	163012	419218	++++ 400	2.00 1000	10.0	40.0	100
Allyl alcohol	TBA	Ave	++++ 495931	1937 1422684	9679	41103	106617	++++ 5000	25.0 12500	125	500	1250
2-Chloro-1,3-butadiene	FB	Ave	++++ 833944	3130 1945001	21574	71058	197676	++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 291869

SDG No.: _____

Instrument ID: CVOAMS3 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/12/2015 19:49 Calibration End Date: 04/12/2015 23:12 Calibration ID: 49181

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Tert-butyl ethyl ether	FB	Ave	++++ 2799605	12255 6239007	63308	228170	673982	++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	++++ 438364	2408 671388	10962	39603	104509	++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	++++ 903619	4007 2150958	22434	85387	222886	++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone	BUT	Ave	++++ 626748	2904 1527254	12760	48970	135097	++++ 1000	5.00 2500	25.0	100	250
Ethyl acetate	BUT	Ave	++++ 194092	883 494919	4011	15875	42746	++++ 400	2.00 1000	10.0	40.0	100
Methyl acrylate	FB	Ave	++++ 991617	3873 2460246	19297	78419	220397	++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	FB	Ave	++++ 1581856	6701 4033822	33451	120631	347719	++++ 2000	10.0 5000	50.0	200	500
Tetrahydrofuran	BUT	Ave	++++ 272667	1140 682799	5826	20050	57814	++++ 400	2.00 1000	10.0	40.0	100
Bromochloromethane	FB	Ave	++++ 394587	1940 933547	9878	32248	85442	++++ 200	1.00 500	5.00	20.0	50.0
Methacrylonitrile	FB	Ave	++++ 4601790	17980 9327498	94525	347721	940825	++++ 2000	10.0 5000	50.0	200	500
Chloroform	FB	Ave	++++ 1558460	7157 3478873	36803	137484	370556	++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	++++ 1778104	5750 3889229	30488	154511	420424	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	++++ 1374549	5330 3004398	29679	117354	318307	++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	++++ 1177953	4180 2726629	23717	96768	275893	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	++++ 1267054	5444 2986460	27459	109694	290990	++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBA	Ave	++++ 1876233	6931 4601836	35962	147553	391913	++++ 5000	25.0 12500	125	500	1250
Benzene	CBZ	Ave	++++ 3494414	16139 7383006	85009	313972	835532	++++ 200	1.00 500	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	++++ 2652071	10809 7313294	54946	208440	605134	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	++++ 3021245	12574 7748248	64557	241289	683058	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	++++ 1271387	6851 2701340	30378	106564	292375	++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	QuaF	++++ 720957	1749 1535417	10345	62567	174522	++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 291869

SDG No.: _____

Instrument ID: CVOAMS3 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/12/2015 19:49 Calibration End Date: 04/12/2015 23:12 Calibration ID: 49181

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
2,4,4-Trimethyl-1-pentene	FB	QuaF	++++ 5232281	12106 10548324	114629	414704	1173581	++++ 400	2.00 1000	10.0	40.0	100
n-Butanol	TBA	Ave	++++ 771155	2955 2156402	14647	56741	165919	++++ 5000	25.0 12500	125	500	1250
Trichloroethene	FB	Ave	++++ 912224	4260 2222362	21297	81761	219171	++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	QuaF	++++ 1547101	4014 3671850	24525	142598	374685	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	++++ 2683649	8454 6980841	48071	229262	633634	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	++++ 999132	4741 2561102	22571	88161	233673	++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	++++ 562317	2221 1416219	11458	43477	129480	++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	Ave	++++ 241069	3315 653898	5973	20703	62880	++++ 4000	50.0 10000	100	400	1000
Dibromomethane	FB	Ave	++++ 463728	2439 1089025	12586	47811	150879	++++ 200	1.00 500	5.00	20.0	50.0
n-Propyl acetate	FB	Ave	++++ 1778466	6800 4372374	34526	126262	433802	++++ 200	1.00 500	5.00	20.0	50.0
Bromodichloromethane	FB	Ave	++++ 1232779	4832 2696496	25632	101041	292833	++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	FB	Ave	++++ 599387	2585 1570475	10757	42394	126614	++++ 400	2.00 1000	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	Ave	++++ 604734	2615 1505379	15213	54010	159066	++++ 200	1.00 500	5.00	20.0	50.0
Epichlorohydrin	BUT	Ave	3057 2232312	8564 4124851	41205	174257	446600	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBZ	Ave	++++ 1770179	5455 3302334	33152	128893	363572	++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	++++ 5822895	19965 10340568	107276	476239	1268977	++++ 1000	5.00 2500	25.0	100	250
Toluene	CBZ	Ave	++++ 3767026	16210 7149604	86626	355590	1020906	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBZ	Ave	++++ 1299287	4664 3020102	28699	111005	311984	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	FB	Ave	++++ 1250353	4622 3035979	24815	100555	298977	++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBZ	Ave	++++ 700162	2781 1551407	14899	59753	173691	++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBZ	Ave	++++ 910228	4242 2070047	19599	80116	222301	++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 291869

SDG No.: _____

Instrument ID: CVOAMS3 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/12/2015 19:49 Calibration End Date: 04/12/2015 23:12 Calibration ID: 49181

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,3-Dichloropropane	CBZ	Ave	++++ 1406302	6535 3529041	31517	127552	339028	++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	++++ 3687466	13820 8152162	76368	324312	840165	++++ 1000	5.00 2500	25.0	100	250
n-Butyl acetate	CBZ	Ave	++++ 237930	867 657149	4671	20368	54269	++++ 200	1.00 500	5.00	20.0	50.0
Dibromochloromethane	CBZ	Ave	++++ 866116	3337 2146050	17550	69616	207503	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromoethane	CBZ	Ave	++++ 825952	3305 1952153	17523	71851	197318	++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBZ	Ave	++++ 2277027	10793 4820767	56620	211601	594879	++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBZ	Ave	++++ 1246704	5064 2863313	30144	119176	315901	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	++++ 829082	2764 1879207	17903	72578	196569	++++ 200	1.00 500	5.00	20.0	50.0
m&p-Xylene	CBZ	Ave	++++ 1505112	6041 3652710	36143	138693	389085	++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBZ	Ave	++++ 721421	2828 1691670	14677	58016	163768	++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBZ	Ave	++++ 1441576	6682 3294085	32728	158322	358955	++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBZ	Ave	++++ 2511591	9899 5750762	58331	255012	705625	++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCB	Ave	++++ 1846505	7614 4694302	42108	151653	429257	++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBZ	Ave	++++ 581165	2143 1608643	10875	44496	129426	++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBZ	Ave	++++ 3577107	15071 7281891	84857	365379	998879	++++ 200	1.00 500	5.00	20.0	50.0
Camphene	CBZ	Ave	++++ 360343	1093 833688	9337	33571	91294	++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCB	Ave	++++ 914534	4111 2159620	22571	81693	222128	++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCB	Ave	++++ 1162421	4618 2545721	21708	89972	244184	++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCB	Ave	++++ 4651386	19079 7731708	101962	430929	1211399	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCB	Ave	++++ 328775	1344 742738	7048	27431	71206	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCB	Ave	++++ 378875	1323 890073	6677	30533	85602	++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 291869

SDG No.: _____

Instrument ID: CVOAMS3 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/12/2015 19:49 Calibration End Date: 04/12/2015 23:12 Calibration ID: 49181

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
4-Ethyltoluene	DCB	Ave	++++ 3629006	14775 6785204	94329	331098	960692	++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCB	Ave	++++ 2979117	12863 5855869	71647	274295	761660	++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCB	Ave	++++ 2904400	13401 5719931	70439	285523	776348	++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCB	Ave	++++ 2604230	12353 5345991	65489	252465	681427	++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCB	Ave	++++ 1094106	3887 2646336	25261	93725	280920	++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCB	Ave	++++ 2422722	10646 5157488	59227	247306	777916	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCB	Ave	++++ 2954623	12453 6117392	72728	283201	890570	++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCB	Ave	++++ 3544001	15113 6620621	78145	359882	1040265	++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCB	Ave	++++ 3026504	13642 6230096	69115	304082	868089	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCB	Ave	++++ 1585814	7438 3747609	37986	151176	426428	++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCB	Ave	++++ 1585973	7809 3786636	38090	152048	417337	++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCB	QuaF	++++ 1973069	5547 4402571	34598	148488	448052	++++ 200	1.00 500	5.00	20.0	50.0
Indan	FB	Ave	++++ 2865178	12164 5704769	77744	313726	774933	++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCB	Ave	++++ 1834267	7261 4066421	50085	186743	479106	++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCB	Ave	++++ 3385501	14392 6803184	78909	357522	925919	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCB	Ave	++++ 1482284	6691 3211384	35386	139984	393554	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCB	Ave	++++ 2532530	11103 5119057	65953	236162	654178	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	++++ 199104	887 498743	4218	15081	41961	++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCB	Ave	++++ 1141804	4258 2239553	27396	90782	261153	++++ 200	1.00 500	5.00	20.0	50.0
Camphor	DCB	Ave	++++ 511334	2852 1340756	13342	45995	107369	++++ 1000	5.00 2500	25.0	100	250
1,2,4-Trichlorobenzene	DCB	Ave	++++ 919034	4727 2006143	20049	80179	215066	++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 291869

SDG No.: _____

Instrument ID: CVOAMS3 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/12/2015 19:49 Calibration End Date: 04/12/2015 23:12 Calibration ID: 49181

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Hexachlorobutadiene	DCB	Ave	+++++ 370561	1646 808771	8336	38498	91156	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCB	Ave	+++++ 2352595	11360 5230007	50112	213945	575829	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCB	Ave	+++++ 679231	3845 1668108	16150	67152	178404	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	130914 143236	139899 136055	149974	133126	145009	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	172552 198847	185290 189636	197445	175001	192824	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	541546 673472	539183 618463	589967	554213	599005	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene	DCB	Ave	164234 182423	171954 179138	191289	177962	182324	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD

QuaF = Quadratic ISTD forced zero

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS3\20150412-26140.b\C06933.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 12-Apr-2015 19:49:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD1
 Misc. Info.: 460-0026140-003
 Operator ID: VOA GC/MS3 Instrument ID: CVOAMS3
 Sublist: chrom-8260W_3*sub17
 Method: \\EDICHROM\ChromData\CVOAMS3\20150412-26140.b\8260W_3.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 13-Apr-2015 09:59:36 Calib Date: 12-Apr-2015 23:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\CVOAMS3\20150412-26140.b\C06941.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK021

First Level Reviewer: delpolitov

Date: 13-Apr-2015 08:53:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.470	1.470	0.000	1	45	1.00	0.1653	M
2 Dichlorodifluoromethane	85	1.500	1.500	0.000	97	3744	1.00	0.8547	
3 Chloromethane	50	1.707	1.707	0.000	98	4531	1.00	0.8983	
4 Vinyl chloride	62	1.762	1.762	0.000	95	4530	1.00	0.8376	
5 Butadiene	54	1.786	1.792	-0.006	94	3298	1.00	0.6647	
6 Bromomethane	94	2.036	2.048	-0.012	54	1800	1.00	0.7125	
7 Chloroethane	64	2.139	2.145	-0.006	62	4251	1.00	1.10	
8 Dichlorofluoromethane	67	2.322	2.322	0.000	94	7528	1.00	0.8820	
9 Trichlorofluoromethane	101	2.322	2.334	-0.012	90	5117	1.00	0.7596	
10 Pentane	72	2.376	2.376	0.000	96	1302	2.00	1.46	
11 Ethanol	46	2.541	2.534	0.007	71	1392	50.0	47.0	
12 Ethyl ether	59	2.577	2.577	0.000	91	4209	1.00	1.03	
13 2-Methyl-1,3-butadiene	53	2.595	2.589	0.006	77	3327	1.00	0.7205	
14 1,2-Dichloro-1,1,2-trifluo	117	2.626	2.626	0.000	71	3559	1.00	1.05	
15 1,1,2-Trichloro-1,2,2-trif	101	2.747	2.747	0.000	70	3210	1.00	0.8263	M
16 Acrolein	56	2.760	2.760	0.000	43	1088	4.00	4.39	
17 1,1-Dichloroethene	96	2.784	2.790	-0.006	96	4394	1.00	1.11	
18 Acetone	43	2.887	2.887	0.000	84	8732	5.00	5.82	
19 Iodomethane	142	2.942	2.948	-0.006	51	1132	1.00	0.5990	
21 Isopropyl alcohol	45	2.985	2.979	0.006	51	3863	10.0	12.5	
20 Carbon disulfide	76	2.979	2.985	-0.006	99	12004	1.00	1.01	
22 3-Chloro-1-propene	76	3.119	3.125	-0.006	87	2106	1.00	1.09	
23 Cyclopentene	67	3.143	3.143	0.000	65	9042	1.00	0.8358	
24 Methyl acetate	43	3.143	3.143	0.000	99	21550	5.00	5.10	
25 Acetonitrile	41	3.204	3.204	0.000	96	7669	10.0	10.3	
* 26 TBA-d9 (IS)	65	3.258	3.252	0.006	88	400069	1000.0	1000.0	
27 Methylene Chloride	84	3.265	3.265	0.000	30	4994	1.00	1.21	
28 2-Methyl-2-propanol	59	3.331	3.325	0.006	99	7140	10.0	16.6	
29 Methyl tert-butyl ether	73	3.435	3.429	0.006	96	11753	1.00	1.05	
30 trans-1,2-Dichloroethene	96	3.459	3.459	0.000	94	4362	1.00	1.10	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.550	3.550	0.000	97	16801	10.0	9.28	
32 Hexane	43	3.623	3.630	-0.007	88	3304	1.00	0.8060	
33 Isopropyl ether	45	3.861	3.861	0.000	98	15054	1.00	1.05	
34 1,1-Dichloroethane	63	3.897	3.897	0.000	97	8560	1.00	1.08	
35 Vinyl acetate	43	3.922	3.922	0.000	99	7684	2.00	1.87	
36 Allyl alcohol	57	3.940	3.928	0.012	50	1937	25.0	24.3	
37 2-Chloro-1,3-butadiene	88	3.946	3.946	0.000	90	3130	1.00	0.8484	
38 Tert-butyl ethyl ether	59	4.220	4.214	0.006	90	12255	1.00	1.00	
* 164 2-Butanone-d5	46	4.445	4.439	0.006	100	441110	250.0	250.0	
39 2,2-Dichloropropane	79	4.439	4.445	-0.006	45	2408	1.00	1.23	
40 cis-1,2-Dichloroethene	96	4.481	4.475	0.006	92	4007	1.00	0.9580	
41 2-Butanone (MEK)	72	4.506	4.506	0.000	97	2904	5.00	5.82	
42 Ethyl acetate	70	4.524	4.512	0.012	100	883	2.00	2.25	M
43 Methyl acrylate	55	4.566	4.566	0.000	97	3873	1.00	0.9313	
44 Propionitrile	54	4.664	4.658	0.006	99	6701	10.0	9.87	
45 Tetrahydrofuran	72	4.737	4.725	0.012	45	1140	2.00	2.14	M
46 Chlorobromomethane	128	4.725	4.737	-0.012	91	1940	1.00	1.09	
47 Methacrylonitrile	67	4.773	4.773	0.000	96	17980	10.0	9.77	
48 Chloroform	83	4.792	4.792	0.000	99	7157	1.00	1.02	
49 Cyclohexane	56	4.931	4.925	0.006	85	5750	1.00	0.8032	
50 1,1,1-Trichloroethane	97	4.950	4.950	0.000	85	5330	1.00	0.9132	
\$ 51 Dibromofluoromethane (Surr	113	4.974	4.974	0.000	94	139899	50.0	51.4	
52 Carbon tetrachloride	117	5.084	5.084	0.000	76	4180	1.00	0.8516	
53 1,1-Dichloropropene	75	5.126	5.126	0.000	94	5444	1.00	0.9816	
54 Isobutyl alcohol	43	5.284	5.278	0.006	39	6931	25.0	24.2	
55 Benzene	78	5.351	5.351	0.000	95	16139	1.00	1.09	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.376	5.376	0.000	91	185290	50.0	50.8	
57 Tert-amyl methyl ether	73	5.436	5.436	0.000	67	10809	1.00	0.9338	
58 Isopropyl acetate	43	5.436	5.436	0.000	94	12574	1.00	0.9584	
59 1,2-Dichloroethane	62	5.461	5.461	0.000	93	6851	1.00	1.19	
60 n-Heptane	57	5.534	5.534	0.000	83	1749	1.00	0.4976	
* 61 Fluorobenzene	96	5.686	5.686	0.000	98	546908	50.0	50.0	
62 2,4,4-Trimethyl-1-pentene	57	5.941	5.941	0.000	95	12106	2.00	0.9352	
64 n-Butanol	56	6.069	6.057	0.012	52	2955	25.0	24.5	M
65 Trichloroethene	95	6.099	6.093	0.006	94	4260	1.00	1.02	M
66 Methylcyclohexane	83	6.233	6.227	0.006	86	4014	1.00	0.5625	
63 Ethyl acrylate	55	6.239	6.245	-0.006	90	8454	1.00	0.7582	M
67 1,2-Dichloropropane	63	6.416	6.410	0.006	87	4741	1.00	1.04	
* 68 1,4-Dioxane-d8	96	6.471	6.471	0.000	96	46016	1000.0	1000.0	
69 Methyl methacrylate	100	6.501	6.507	-0.006	88	2221	2.00	1.86	
70 1,4-Dioxane	88	6.538	6.525	0.013	41	3315	50.0	61.3	
71 Dibromomethane	93	6.538	6.544	-0.006	91	2439	1.00	1.02	
72 n-Propyl acetate	43	6.568	6.568	0.000	98	6800	1.00	0.9164	
73 Dichlorobromomethane	83	6.702	6.696	0.006	94	4832	1.00	0.9291	
74 2-Nitropropane	41	7.018	7.018	0.000	78	2585	2.00	2.08	
75 2-Chloroethyl vinyl ether	63	7.024	7.024	0.000	67	2615	1.00	0.9272	
76 Epichlorohydrin	57	7.115	7.109	0.006	99	8564	20.0	20.6	
77 cis-1,3-Dichloropropene	75	7.158	7.158	0.000	94	5455	1.00	0.8744	
78 4-Methyl-2-pentanone (MIBK	43	7.304	7.304	0.000	97	19965	5.00	4.78	
\$ 79 Toluene-d8 (Surr)	98	7.365	7.365	0.000	99	539183	50.0	49.9	
80 Toluene	91	7.426	7.426	0.000	95	16210	1.00	1.02	
81 trans-1,3-Dichloropropene	75	7.712	7.706	0.006	89	4664	1.00	0.8875	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 Ethyl methacrylate	69	7.730	7.730	0.000	91	4622	1.00	0.8760	
83 1,1,2-Trichloroethane	83	7.870	7.870	0.000	93	2781	1.00	0.9750	
84 Tetrachloroethene	166	7.894	7.900	-0.006	94	4242	1.00	1.10	
85 1,3-Dichloropropane	76	8.022	8.022	0.000	98	6535	1.00	1.07	
86 2-Hexanone	43	8.071	8.064	0.007	98	13820	5.00	4.80	
87 n-Butyl acetate	73	8.150	8.150	0.000	96	867	1.00	0.8938	
88 Chlorodibromomethane	129	8.192	8.186	0.006	94	3337	1.00	0.9542	
89 Ethylene Dibromide	107	8.296	8.296	0.000	95	3305	1.00	0.9741	
* 90 Chlorobenzene-d5	117	8.661	8.661	0.000	87	420397	50.0	50.0	
91 Chlorobenzene	112	8.679	8.679	0.000	97	10793	1.00	1.08	
92 Ethylbenzene	106	8.740	8.740	0.000	98	5064	1.00	0.9455	
93 1,1,1,2-Tetrachloroethane	131	8.752	8.752	0.000	92	2764	1.00	0.8380	
94 m-Xylene & p-Xylene	106	8.843	8.837	0.006	99	6041	1.00	0.9315	
95 n-Butyl acrylate	73	9.135	9.135	0.000	96	2828	1.00	0.9858	
96 o-Xylene	106	9.160	9.160	0.000	93	6682	1.00	1.04	
97 Styrene	104	9.184	9.184	0.000	88	9899	1.00	0.9016	
98 Amyl acetate (mixed isomer	43	9.306	9.306	0.000	88	7614	1.00	0.9428	
99 Bromoform	173	9.354	9.348	0.006	93	2143	1.00	0.9285	
100 Isopropylbenzene	105	9.433	9.433	0.000	95	15071	1.00	0.9671	
\$ 101 4-Bromofluorobenzene	174	9.591	9.591	0.000	89	171954	50.0	50.1	
102 Camphene	41	9.610	9.610	0.000	52	1093	1.00	0.7289	
103 Bromobenzene	156	9.701	9.701	0.000	98	4111	1.00	0.99	
104 1,1,2,2-Tetrachloroethane	83	9.725	9.719	0.006	97	4618	1.00	0.99	
105 N-Propylbenzene	91	9.744	9.744	0.000	99	19079	1.00	0.9689	
106 1,2,3-Trichloropropane	110	9.762	9.762	0.000	92	1344	1.00	0.9739	
107 trans-1,4-Dichloro-2-buten	53	9.774	9.768	0.006	67	1323	1.00	0.8685	
108 4-Ethyltoluene	105	9.829	9.829	0.000	89	14775	1.00	0.9217	
109 2-Chlorotoluene	91	9.835	9.835	0.000	90	12863	1.00	0.9790	
110 1,3,5-Trimethylbenzene	105	9.877	9.877	0.000	94	13401	1.00	1.01	
111 4-Chlorotoluene	91	9.920	9.920	0.000	97	12353	1.00	1.03	
112 Butyl Methacrylate	87	9.938	9.938	0.000	92	3887	1.00	0.8164	
113 tert-Butylbenzene	119	10.109	10.109	0.000	94	10646	1.00	0.9208	
114 1,2,4-Trimethylbenzene	105	10.157	10.157	0.000	97	12453	1.00	0.9129	
115 sec-Butylbenzene	105	10.267	10.273	-0.006	99	15113	1.00	0.9464	
116 4-Isopropyltoluene	119	10.370	10.370	0.000	97	13642	1.00	0.9796	
117 1,3-Dichlorobenzene	146	10.388	10.388	0.000	93	7438	1.00	1.01	
* 118 1,4-Dichlorobenzene-d4	152	10.437	10.437	0.000	97	228298	50.0	50.0	
119 1,4-Dichlorobenzene	146	10.455	10.455	0.000	92	7809	1.00	1.05	
120 Benzyl chloride	91	10.565	10.559	0.006	98	5547	1.00	0.5625	
121 2,3-Dihydroindene	117	10.614	10.613	0.001	94	12164	1.00	0.8939	
122 p-Diethylbenzene	119	10.644	10.644	0.000	93	7261	1.00	0.8560	
123 n-Butylbenzene	91	10.662	10.662	0.000	96	14392	1.00	0.9328	
124 1,2-Dichlorobenzene	146	10.723	10.729	-0.006	91	6691	1.00	0.99	
125 1,2,4,5-Tetramethylbenzene	119	11.198	11.198	0.000	98	11103	1.00	0.9708	
126 1,2-Dibromo-3-Chloropropan	75	11.301	11.295	0.006	34	887	1.00	1.05	M
127 1,3,5-Trichlorobenzene	180	11.404	11.404	0.000	94	4258	1.00	0.9045	
128 Camphor	95	11.842	11.842	0.000	87	2852	5.00	5.89	
129 1,2,4-Trichlorobenzene	180	11.921	11.921	0.000	88	4727	1.00	1.16	
130 Hexachlorobutadiene	225	12.001	12.007	-0.006	87	1646	1.00	0.9824	M
131 Naphthalene	128	12.153	12.159	-0.006	98	11360	1.00	1.08	
132 1,2,3-Trichlorobenzene	180	12.378	12.378	0.000	93	3845	1.00	1.16	
S 133 1,2-Dichloroethene, Total	100				0		2.00	2.06	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 Xylenes, Total	100				0		2.00	1.97	
S 135 Total BTEX	1				0			5.02	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

ACROLEIN W_00036	Amount Added: 4.00	Units: uL	
GAS Hi_00093	Amount Added: 1.00	Units: uL	
MIX I Hi_00038	Amount Added: 1.00	Units: uL	
MIX 2 Hi_00028	Amount Added: 1.00	Units: uL	
8260 MIX3 HI_00012	Amount Added: 1.00	Units: uL	
14DIOXINTER_00029	Amount Added: 30.00	Units: uL	
8260ISSUR50_00012	Amount Added: 5.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS3\20150412-26140.b\C06933.D

Injection Date: 12-Apr-2015 19:49:30

Instrument ID: CVOAMS3

Operator ID: VOA GC/MS3

Lims ID: STD1

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

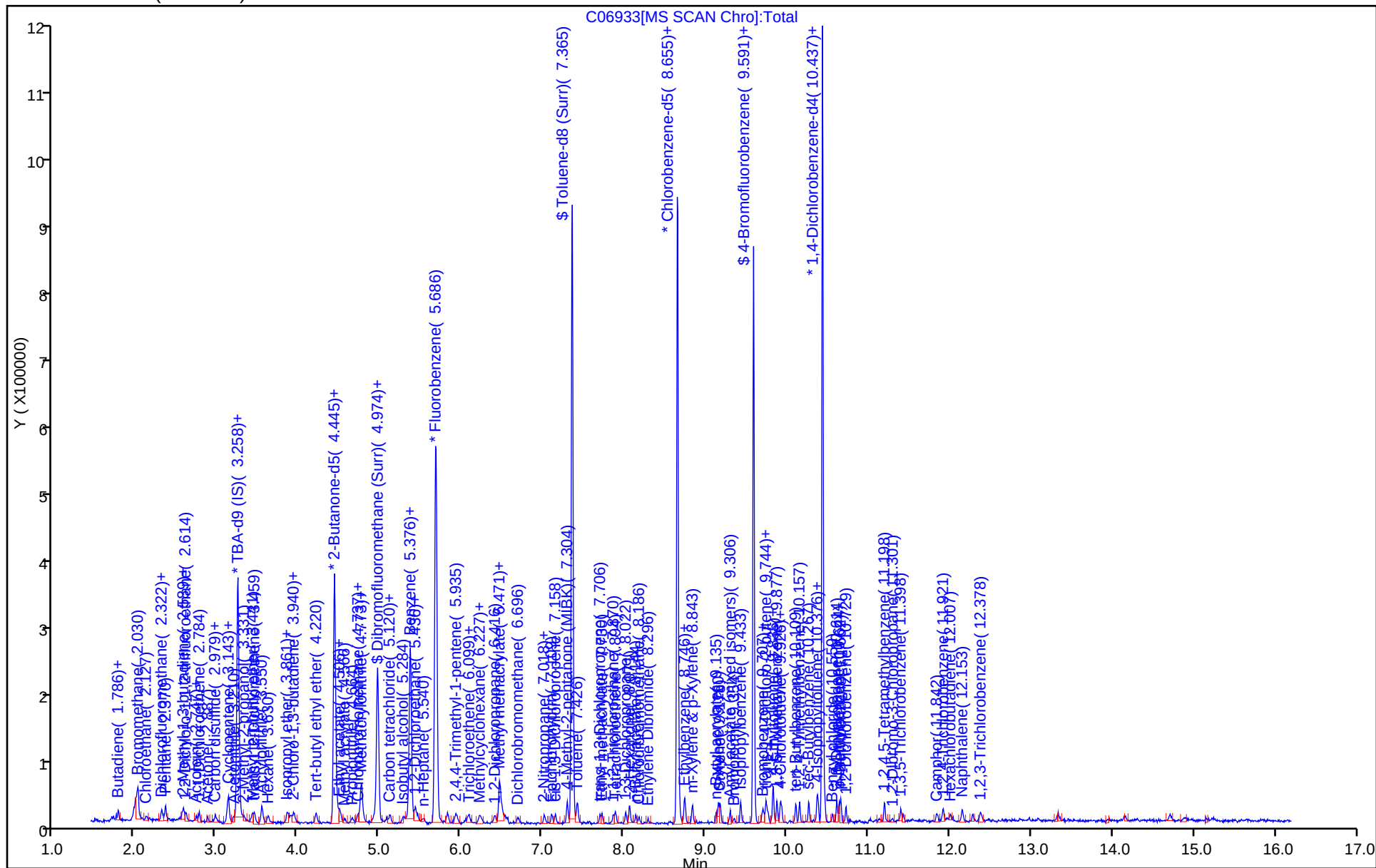
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



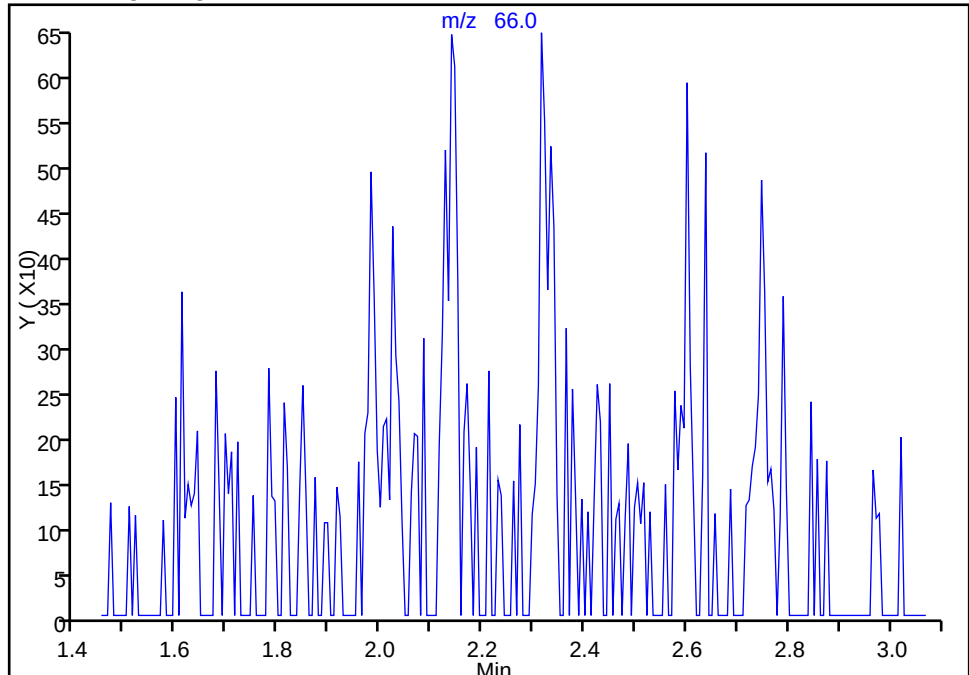
TestAmerica Edison

Data File: \\EDICHRON\ChromData\CVOAMS3\20150412-26140.b\C06933.D
Injection Date: 12-Apr-2015 19:49:30 Instrument ID: CVOAMS3
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS3 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_3 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Chlorotrifluoroethene, CAS: 79-38-9

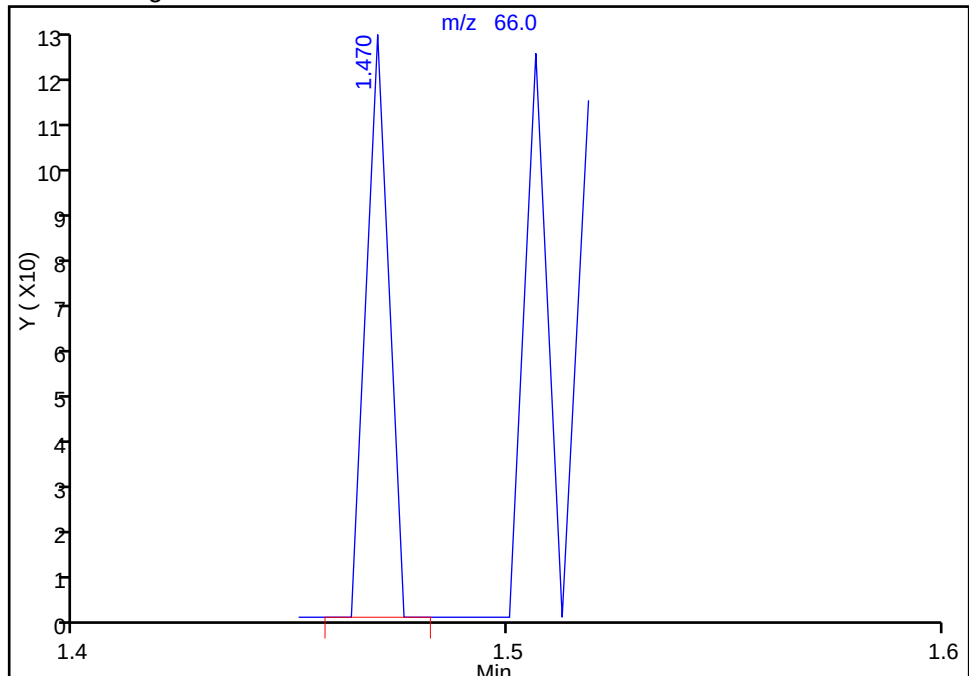
Not Detected
Expected RT: 1.47

Processing Integration Results



RT: 1.47
Area: 45
Amount: 0.165335
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 13-Apr-2015 08:53:41
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

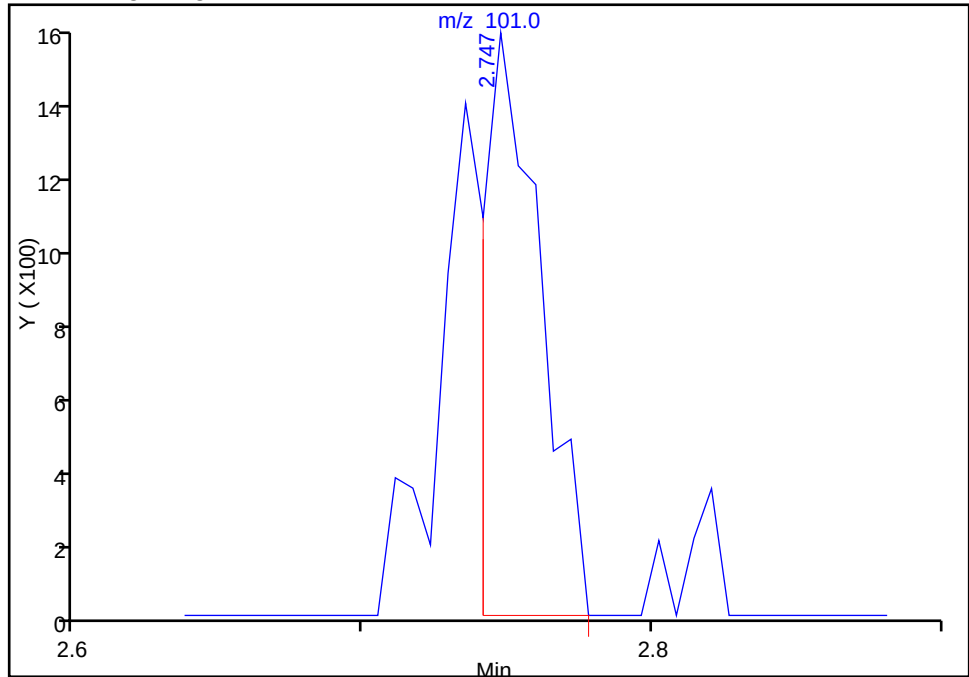
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS3\20150412-26140.b\C06933.D
Injection Date: 12-Apr-2015 19:49:30 Instrument ID: CVOAMS3
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS3 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_3 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

15 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

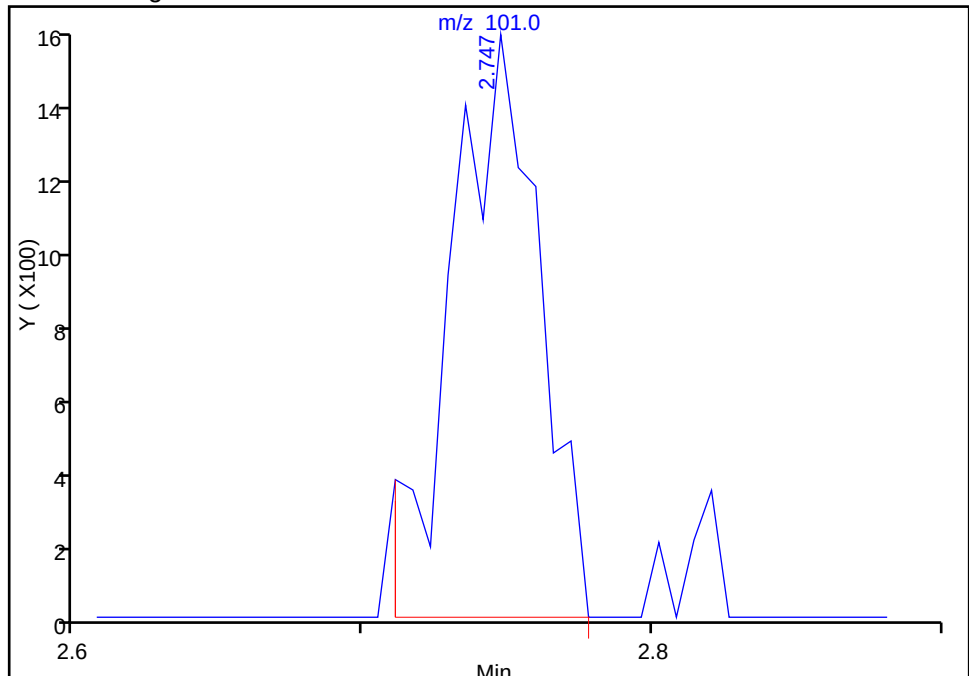
RT: 2.75
Area: 2084
Amount: 0.452070
Amount Units: ug/l

Processing Integration Results



RT: 2.75
Area: 3210
Amount: 0.826303
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 13-Apr-2015 08:53:41
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

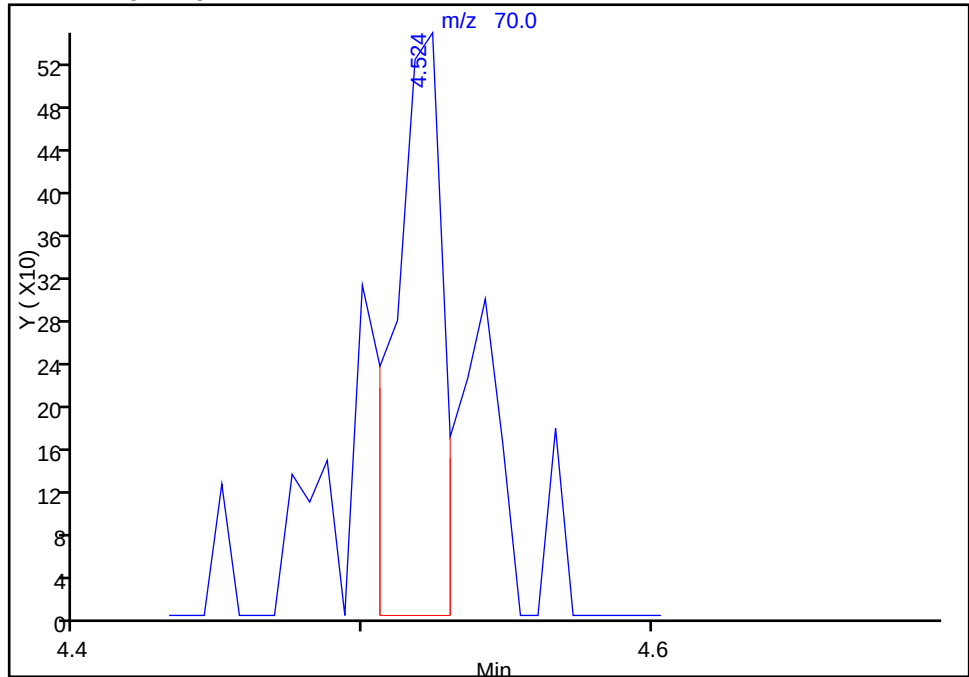
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS3\20150412-26140.b\C06933.D		
Injection Date:	12-Apr-2015 19:49:30	Instrument ID:	CVOAMS3
Lims ID:	STD1		
Client ID:			
Operator ID:	VOA GC/MS3	ALS Bottle#:	2
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_3	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector:	MS SCAN
		Worklist Smp#:	3

42 Ethyl acetate, CAS: 141-78-6

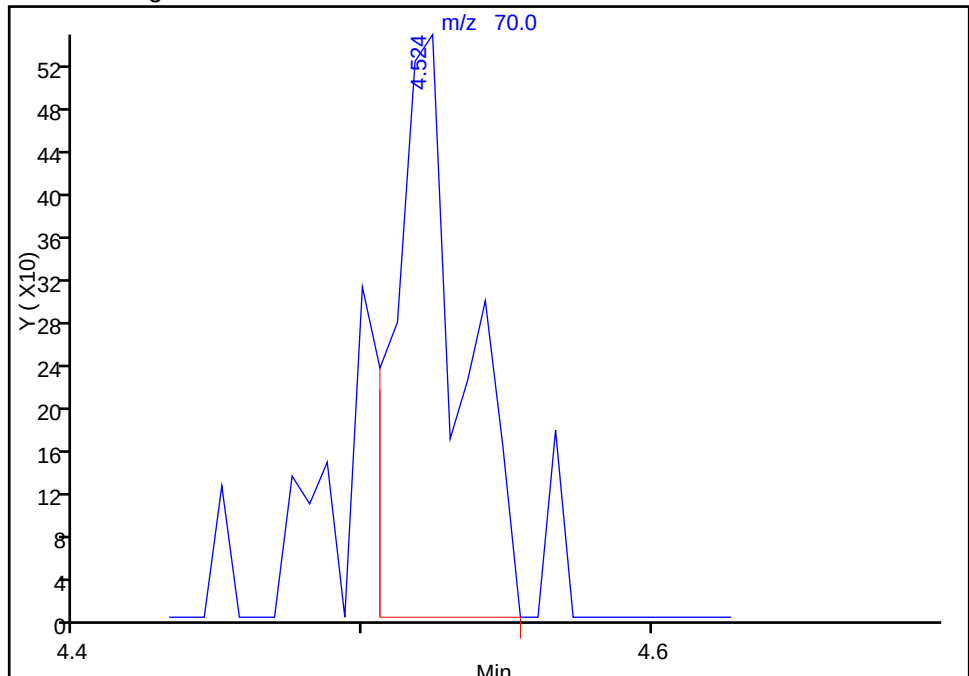
RT: 4.52
Area: 635
Amount: 1.542053
Amount Units: ug/l

Processing Integration Results



RT: 4.52
Area: 883
Amount: 2.249645
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 13-Apr-2015 08:53:41
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

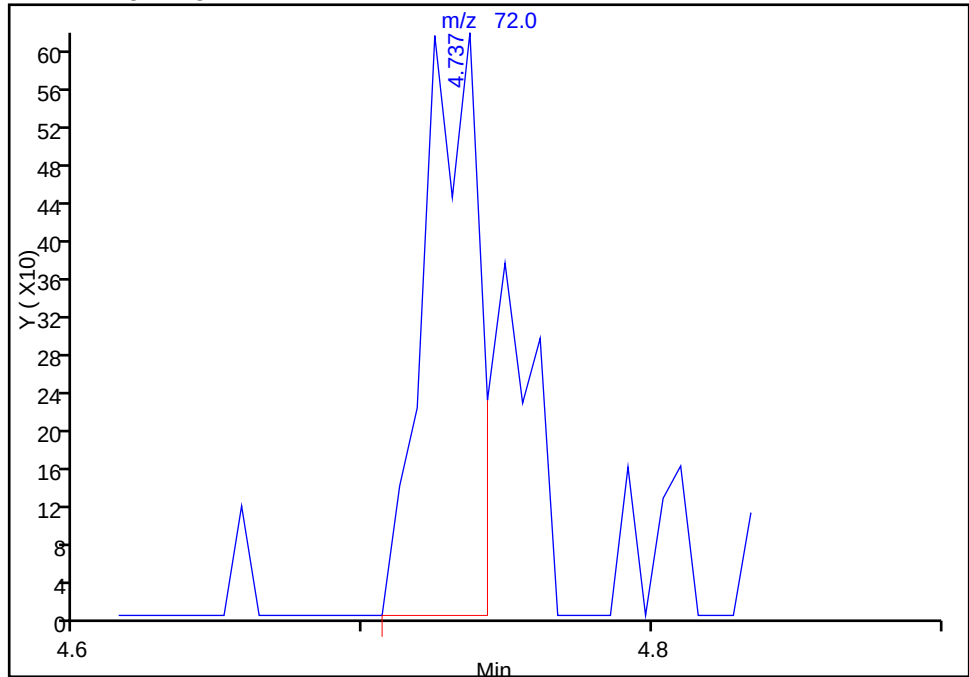
TestAmerica Edison

Data File: \\EDICHRON\ChromData\CVOAMS3\20150412-26140.b\C06933.D
Injection Date: 12-Apr-2015 19:49:30 Instrument ID: CVOAMS3
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS3 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_3 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

45 Tetrahydrofuran, CAS: 109-99-9

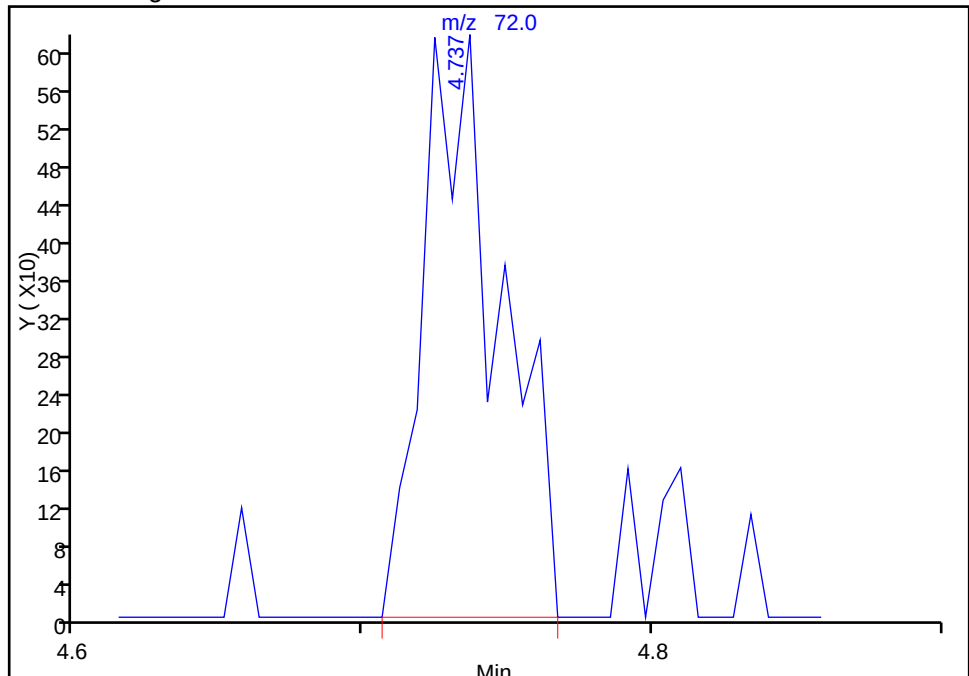
RT: 4.74
Area: 818
Amount: 1.619584
Amount Units: ug/l

Processing Integration Results



RT: 4.74
Area: 1140
Amount: 2.143255
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 13-Apr-2015 08:53:41
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

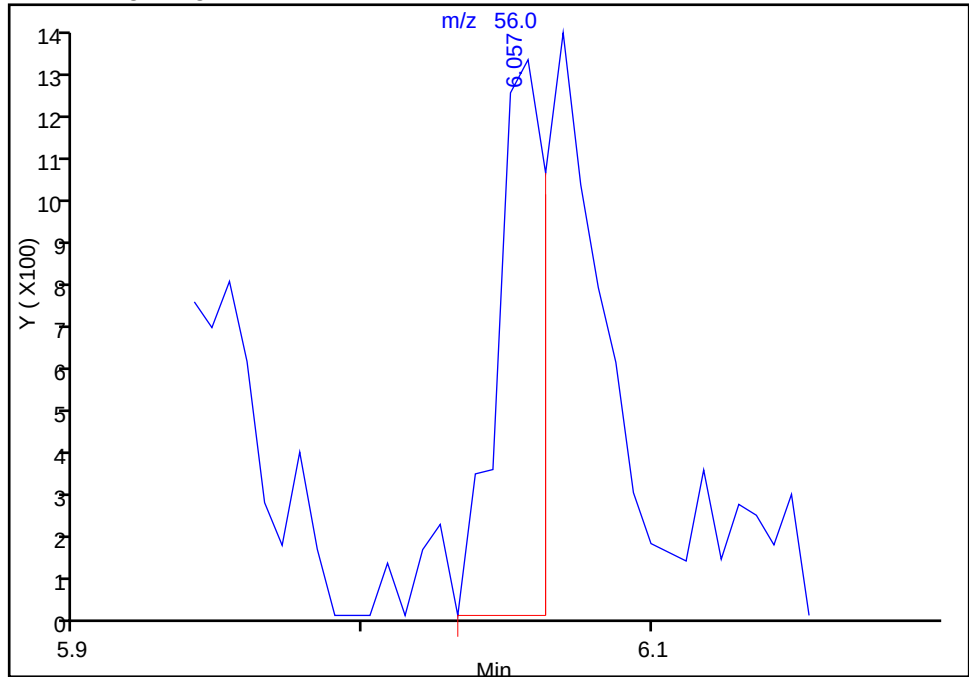
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS3\20150412-26140.b\C06933.D		
Injection Date:	12-Apr-2015 19:49:30	Instrument ID:	CVOAMS3
Lims ID:	STD1		
Client ID:			
Operator ID:	VOA GC/MS3	ALS Bottle#:	2
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_3	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector:	MS SCAN
		Worklist Smp#:	3

64 n-Butanol, CAS: 71-36-3

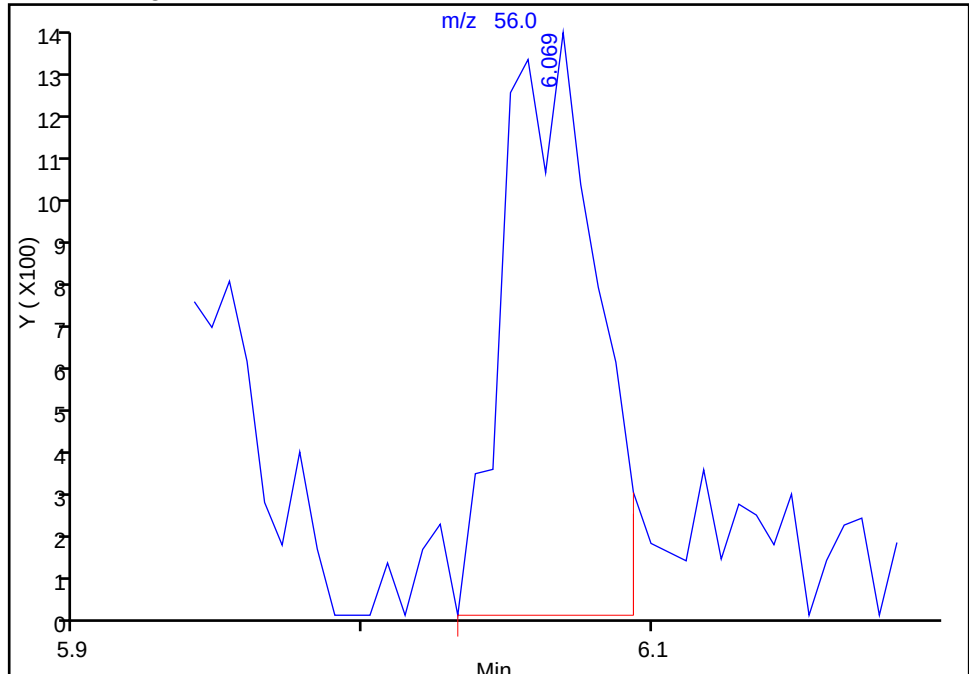
RT: 6.06
Area: 1515
Amount: 11.259299
Amount Units: ug/l

Processing Integration Results



RT: 6.07
Area: 2955
Amount: 24.537587
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 13-Apr-2015 08:53:41
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

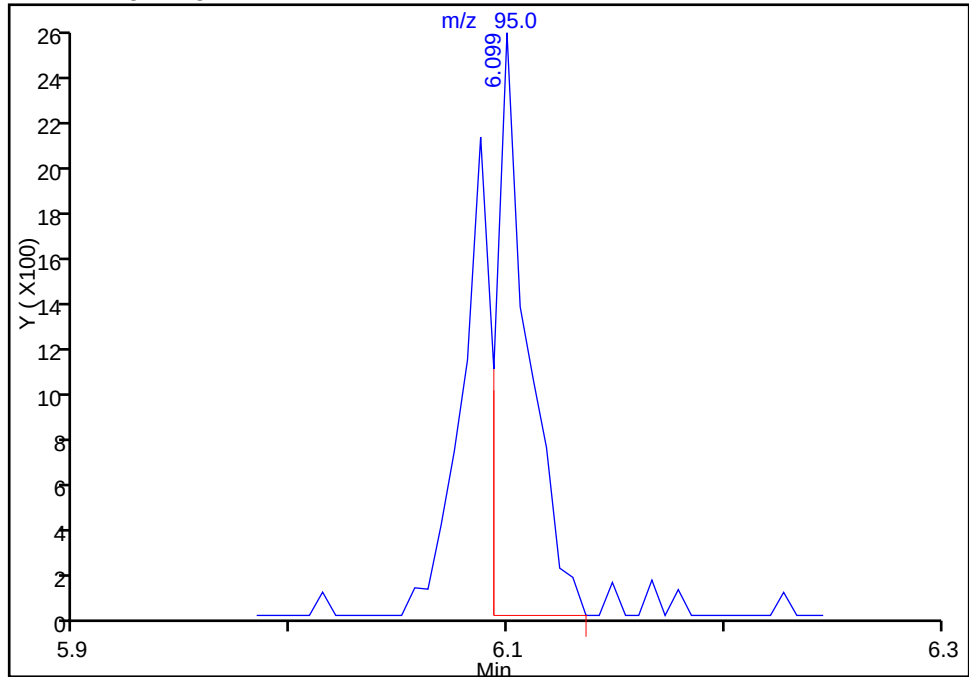
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS3\20150412-26140.b\C06933.D
Injection Date: 12-Apr-2015 19:49:30 Instrument ID: CVOAMS3
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS3 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_3 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

65 Trichloroethene, CAS: 79-01-6

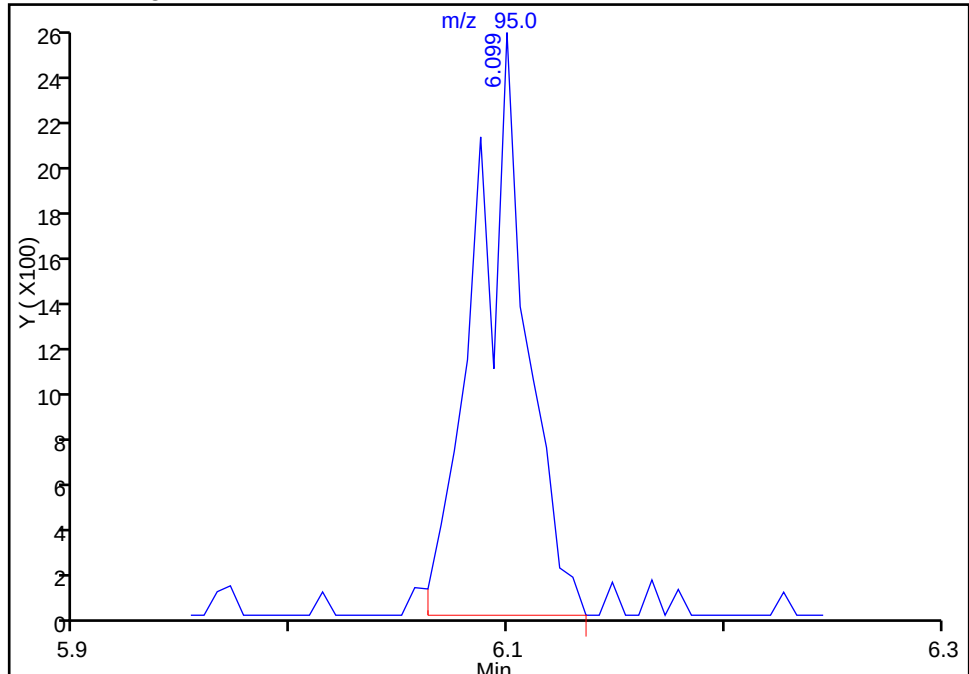
RT: 6.10
Area: 2623
Amount: 0.672139
Amount Units: ug/l

Processing Integration Results



RT: 6.10
Area: 4260
Amount: 1.020286
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 13-Apr-2015 08:53:41
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

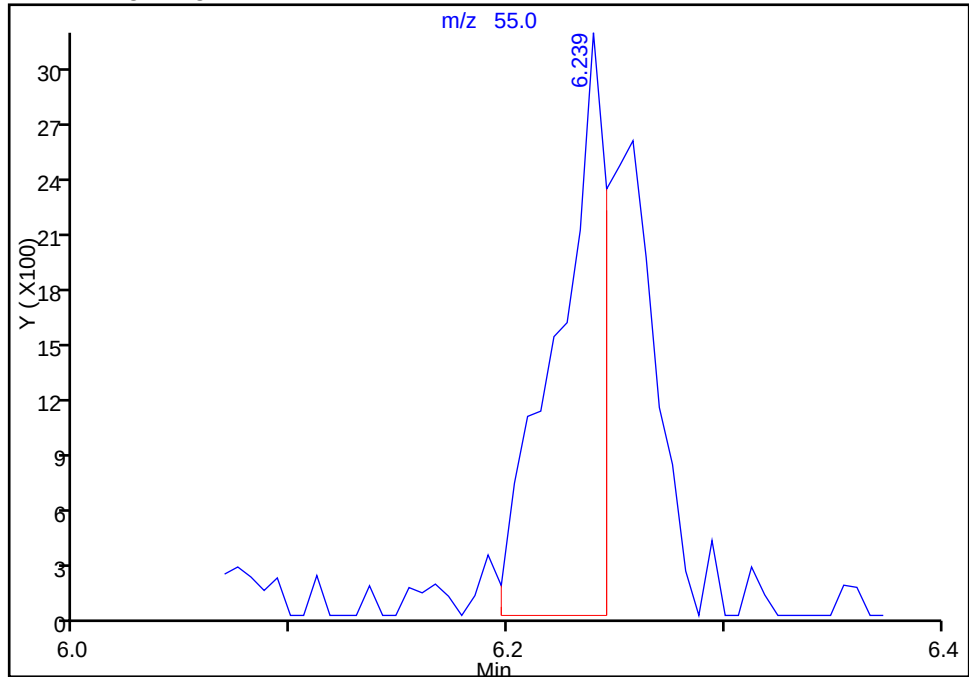
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS3\20150412-26140.b\C06933.D		
Injection Date:	12-Apr-2015 19:49:30	Instrument ID:	CVOAMS3
Lims ID:	STD1		
Client ID:			
Operator ID:	VOA GC/MS3	ALS Bottle#:	2
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_3	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector:	MS SCAN
		Worklist Smp#:	3

63 Ethyl acrylate, CAS: 140-88-5

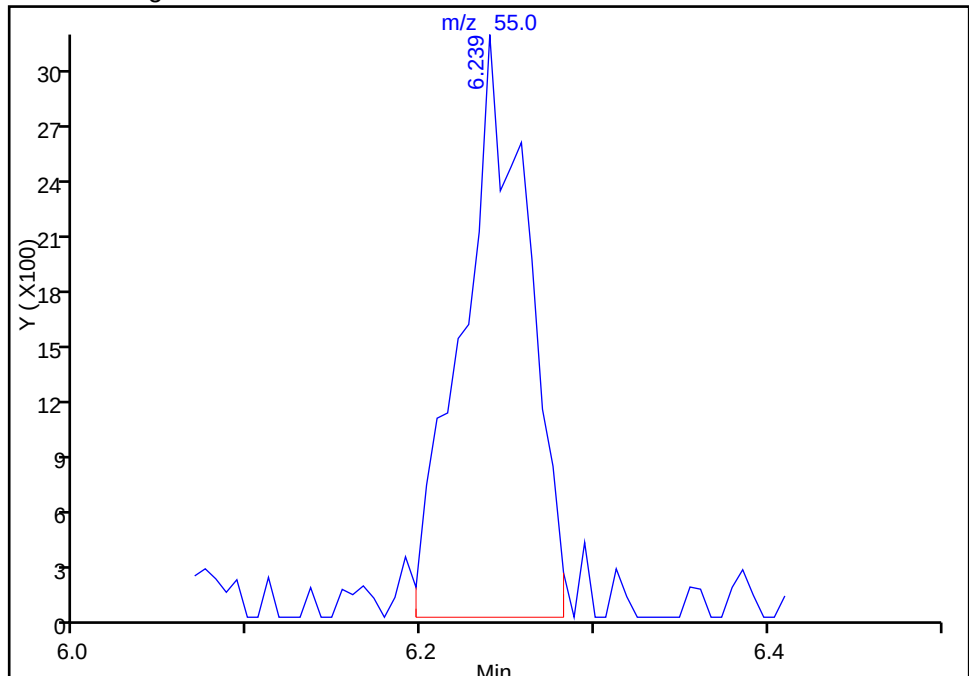
RT: 6.24
Area: 5075
Amount: 0.594017
Amount Units: ug/l

Processing Integration Results



RT: 6.24
Area: 8454
Amount: 0.758247
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 13-Apr-2015 08:53:41
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

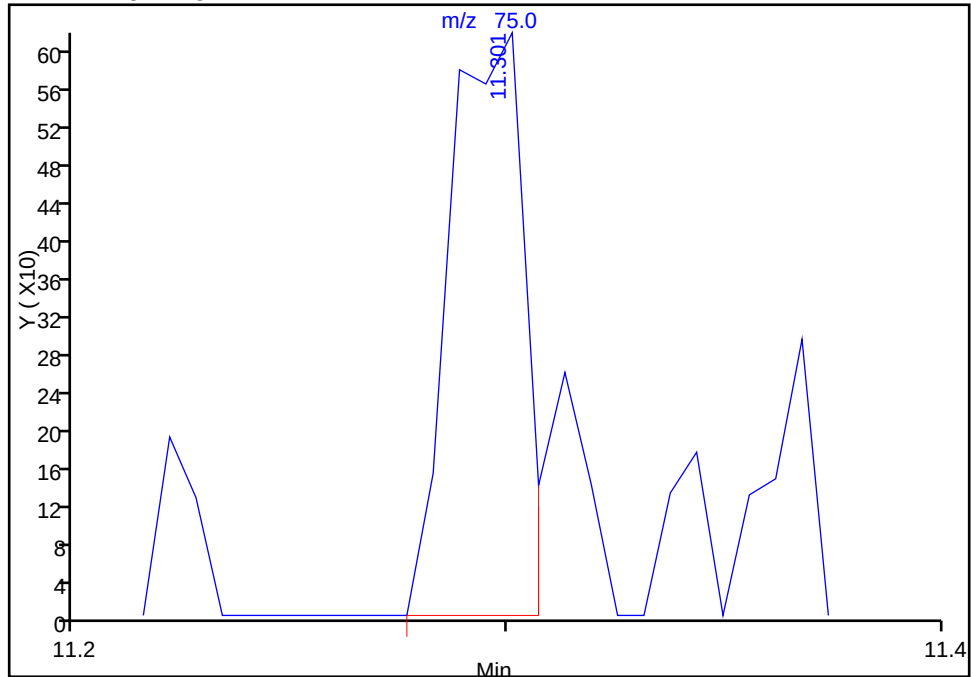
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS3\20150412-26140.b\C06933.D
Injection Date: 12-Apr-2015 19:49:30 Instrument ID: CVOAMS3
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS3 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_3 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

126 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

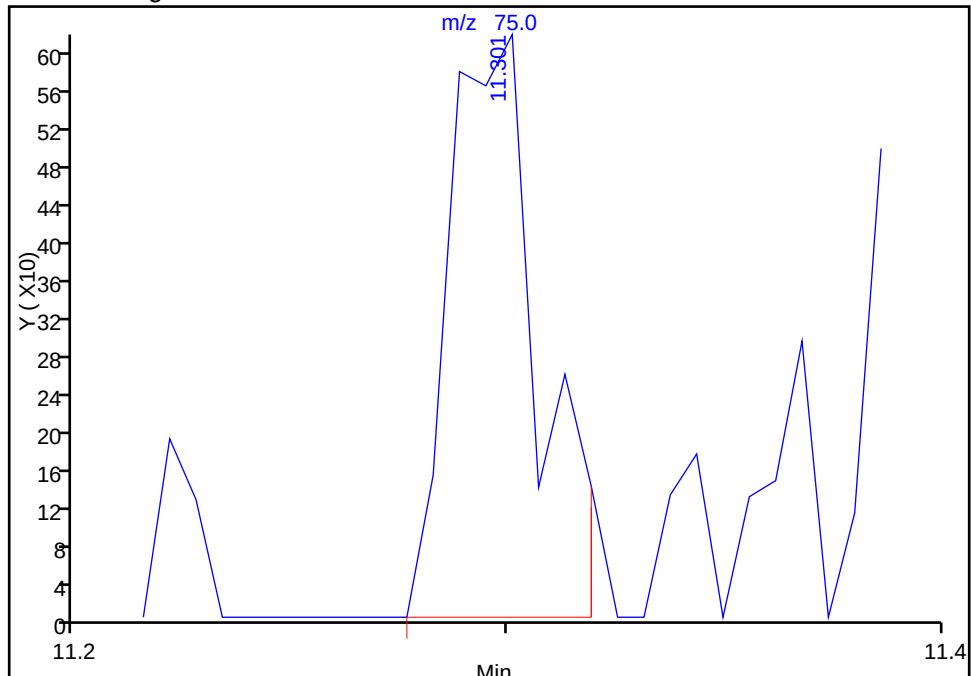
RT: 11.30
Area: 743
Amount: 0.903784
Amount Units: ug/l

Processing Integration Results



RT: 11.30
Area: 887
Amount: 1.048341
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 13-Apr-2015 08:53:41
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

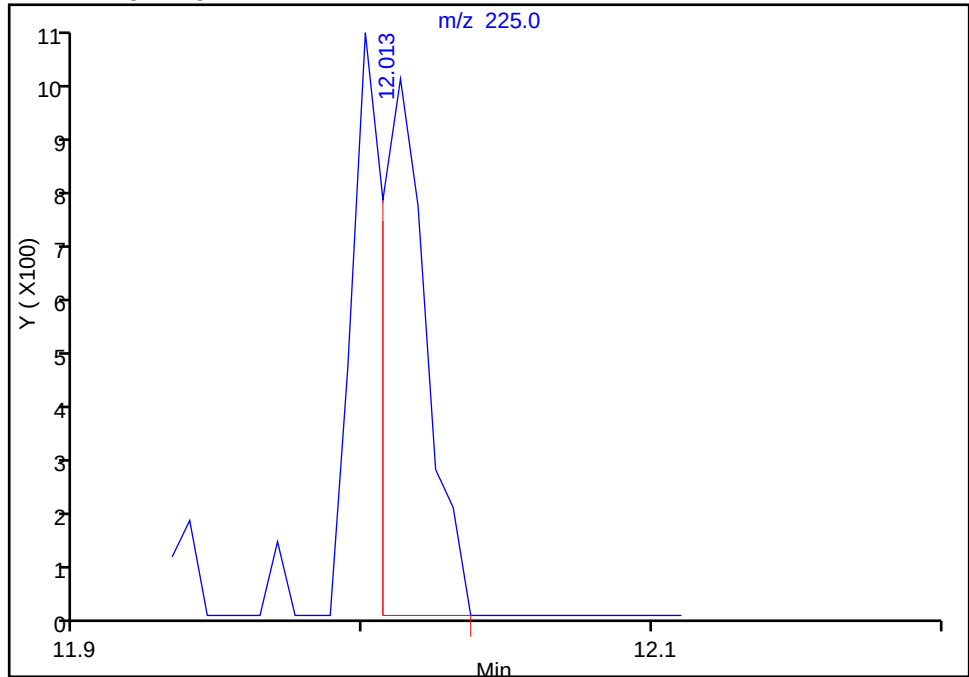
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS3\20150412-26140.b\C06933.D
Injection Date: 12-Apr-2015 19:49:30 Instrument ID: CVOAMS3
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS3 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_3 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

130 Hexachlorobutadiene, CAS: 87-68-3

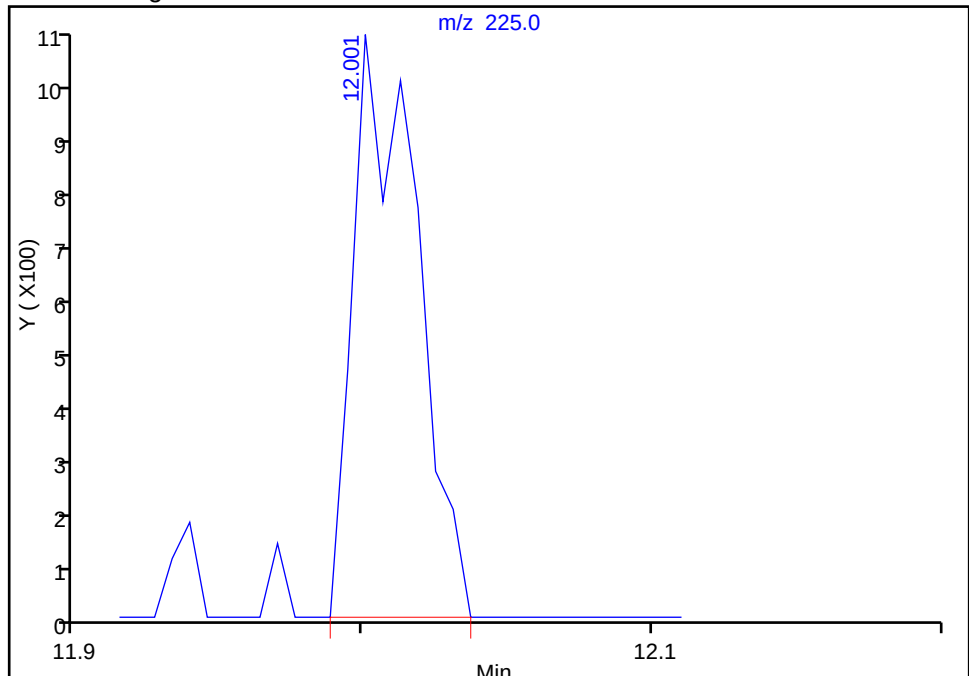
RT: 12.01
Area: 1087
Amount: 0.686954
Amount Units: ug/l

Processing Integration Results



RT: 12.00
Area: 1646
Amount: 0.982385
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 13-Apr-2015 08:53:41
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHRON\ChromData\CVOAMS3\20150412-26140.b\C06934.D
 Lims ID: STD5
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 12-Apr-2015 20:14:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD5
 Misc. Info.: 460-0026140-004
 Operator ID: VOA GC/MS3 Instrument ID: CVOAMS3
 Sublist: chrom-8260W_3*sub17
 Method: \\EDICHRON\ChromData\CVOAMS3\20150412-26140.b\8260W_3.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 13-Apr-2015 09:59:42 Calib Date: 12-Apr-2015 23:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHRON\ChromData\CVOAMS3\20150412-26140.b\C06941.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK021

First Level Reviewer: delpolitov

Date: 13-Apr-2015 08:55:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.464	1.470	-0.006	1	231	5.00	0.8095	M
2 Dichlorodifluoromethane	85	1.500	1.500	0.000	98	23360	5.00	5.09	
3 Chloromethane	50	1.701	1.707	-0.006	98	29396	5.00	5.56	
4 Vinyl chloride	62	1.768	1.762	0.006	98	30025	5.00	5.30	
5 Butadiene	54	1.792	1.792	0.000	96	24293	5.00	4.67	
6 Bromomethane	94	2.036	2.048	-0.012	96	8324	5.00	3.14	
7 Chloroethane	64	2.133	2.145	-0.012	100	21413	5.00	5.27	
8 Dichlorofluoromethane	67	2.322	2.322	0.000	91	47077	5.00	5.27	
9 Trichlorofluoromethane	101	2.322	2.334	-0.012	96	39190	5.00	5.55	
10 Pentane	72	2.364	2.376	-0.012	96	10343	10.0	11.1	
11 Ethanol	46	2.541	2.534	0.007	90	8465	250.0	259.0	
12 Ethyl ether	59	2.571	2.577	-0.006	95	21424	5.00	4.98	
13 2-Methyl-1,3-butadiene	53	2.589	2.589	0.000	92	26683	5.00	5.52	
14 1,2-Dichloro-1,1,2-trifluo	117	2.620	2.626	-0.006	97	18122	5.00	5.10	
15 1,1,2-Trichloro-1,2,2-trif	101	2.748	2.747	0.001	95	18703	5.00	4.60	
16 Acrolein	56	2.760	2.760	0.000	29	3986	20.0	15.4	
17 1,1-Dichloroethene	96	2.784	2.790	-0.006	95	21668	5.00	5.21	
18 Acetone	43	2.887	2.887	0.000	85	42952	25.0	26.1	
19 Iodomethane	142	2.942	2.948	-0.006	70	4845	5.00	2.44	
21 Isopropyl alcohol	45	2.985	2.979	0.006	46	17717	50.0	51.9	
20 Carbon disulfide	76	2.985	2.985	0.000	100	64113	5.00	5.14	
22 3-Chloro-1-propene	76	3.125	3.125	0.000	90	11010	5.00	5.46	
23 Cyclopentene	67	3.143	3.143	0.000	70	63140	5.00	5.57	
24 Methyl acetate	43	3.137	3.143	-0.006	99	118823	25.0	26.9	
25 Acetonitrile	41	3.204	3.204	0.000	99	34823	50.0	44.7	
* 26 TBA-d9 (IS)	65	3.252	3.252	0.000	90	441519	1000.0	1000.0	
27 Methylene Chloride	84	3.265	3.265	0.000	33	22661	5.00	5.25	
28 2-Methyl-2-propanol	59	3.332	3.325	0.007	99	24115	50.0	50.9	
29 Methyl tert-butyl ether	73	3.435	3.429	0.006	96	60547	5.00	5.15	
30 trans-1,2-Dichloroethene	96	3.459	3.459	0.000	97	21068	5.00	5.09	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.551	3.550	0.001	92	87019	50.0	45.9	
32 Hexane	43	3.630	3.630	0.000	92	16939	5.00	3.94	
33 Isopropyl ether	45	3.867	3.861	0.006	98	76093	5.00	5.09	
34 1,1-Dichloroethane	63	3.897	3.897	0.000	99	42927	5.00	5.16	
35 Vinyl acetate	43	3.922	3.922	0.000	100	42958	10.0	9.96	
36 Allyl alcohol	57	3.940	3.928	0.012	40	9679	125.0	109.8	M
37 2-Chloro-1,3-butadiene	88	3.946	3.946	0.000	92	21574	5.00	5.58	
38 Tert-butyl ethyl ether	59	4.214	4.214	0.000	88	63308	5.00	4.94	
* 164 2-Butanone-d5	46	4.439	4.439	0.000	99	484724	250.0	250.0	
39 2,2-Dichloropropane	79	4.445	4.445	0.000	48	10962	5.00	5.33	
40 cis-1,2-Dichloroethene	96	4.475	4.475	0.000	95	22434	5.00	5.12	
41 2-Butanone (MEK)	72	4.506	4.506	0.000	96	12760	25.0	23.3	
42 Ethyl acetate	70	4.512	4.512	0.000	100	4011	10.0	9.30	
43 Methyl acrylate	55	4.567	4.566	0.001	99	19297	5.00	4.43	
44 Propionitrile	54	4.658	4.658	0.000	98	33451	50.0	47.0	
45 Tetrahydrofuran	72	4.731	4.725	0.006	78	5826	10.0	9.97	
46 Chlorobromomethane	128	4.737	4.737	0.000	87	9878	5.00	5.30	
47 Methacrylonitrile	67	4.773	4.773	0.000	95	94525	50.0	49.0	
48 Chloroform	83	4.798	4.792	0.006	98	36803	5.00	5.02	
49 Cyclohexane	56	4.925	4.925	0.000	94	30488	5.00	4.07	
50 1,1,1-Trichloroethane	97	4.950	4.950	0.000	99	29679	5.00	4.85	
\$ 51 Dibromofluoromethane (Surr	113	4.968	4.974	-0.006	94	149974	50.0	52.6	
52 Carbon tetrachloride	117	5.084	5.084	0.000	96	23717	5.00	4.61	
53 1,1-Dichloropropene	75	5.126	5.126	0.000	93	27459	5.00	4.73	
54 Isobutyl alcohol	43	5.284	5.278	0.006	94	35962	125.0	113.6	
55 Benzene	78	5.351	5.351	0.000	96	85009	5.00	5.10	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.376	5.376	0.000	92	197445	50.0	51.7	
57 Tert-amyl methyl ether	73	5.436	5.436	0.000	69	54946	5.00	4.53	
58 Isopropyl acetate	43	5.436	5.436	0.000	93	64557	5.00	4.70	
59 1,2-Dichloroethane	62	5.461	5.461	0.000	98	30378	5.00	5.03	
60 n-Heptane	57	5.540	5.534	0.006	95	10345	5.00	2.81	
* 61 Fluorobenzene	96	5.692	5.686	0.006	98	572888	50.0	50.0	
62 2,4,4-Trimethyl-1-pentene	57	5.941	5.941	0.000	93	114629	10.0	8.47	
64 n-Butanol	56	6.063	6.057	0.006	90	14647	125.0	110.2	
65 Trichloroethene	95	6.094	6.093	0.001	97	21297	5.00	4.87	
66 Methylcyclohexane	83	6.227	6.227	0.000	93	24525	5.00	3.28	
63 Ethyl acrylate	55	6.252	6.245	0.007	98	48071	5.00	4.12	
67 1,2-Dichloropropane	63	6.416	6.410	0.006	86	22571	5.00	4.72	
* 68 1,4-Dioxane-d8	96	6.471	6.471	0.000	97	48878	1000.0	1000.0	
69 Methyl methacrylate	100	6.501	6.507	-0.006	94	11458	10.0	9.15	
70 1,4-Dioxane	88	6.532	6.525	0.007	33	5973	100.0	104.0	
71 Dibromomethane	93	6.544	6.544	0.000	96	12586	5.00	5.03	
72 n-Propyl acetate	43	6.562	6.568	-0.006	99	34526	5.00	4.44	
73 Dichlorobromomethane	83	6.696	6.696	0.000	97	25632	5.00	4.71	
74 2-Nitropropane	41	7.018	7.018	0.000	77	10757	10.0	8.25	
75 2-Chloroethyl vinyl ether	63	7.024	7.024	0.000	75	15213	5.00	5.15	
76 Epichlorohydrin	57	7.109	7.109	0.000	99	41205	100.0	90.1	
77 cis-1,3-Dichloropropene	75	7.152	7.158	-0.006	95	33152	5.00	4.74	
78 4-Methyl-2-pentanone (MIBK	43	7.304	7.304	0.000	98	107276	25.0	23.4	
\$ 79 Toluene-d8 (Surr)	98	7.365	7.365	0.000	99	589967	50.0	48.6	
80 Toluene	91	7.426	7.426	0.000	93	86626	5.00	4.85	
81 trans-1,3-Dichloropropene	75	7.706	7.706	0.000	98	28699	5.00	4.87	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 Ethyl methacrylate	69	7.730	7.730	0.000	95	24815	5.00	4.49	
83 1,1,2-Trichloroethane	83	7.870	7.870	0.000	95	14899	5.00	4.66	
84 Tetrachloroethene	166	7.894	7.900	-0.006	91	19599	5.00	4.54	
85 1,3-Dichloropropane	76	8.022	8.022	0.000	95	31517	5.00	4.61	
86 2-Hexanone	43	8.071	8.064	0.007	97	76368	25.0	24.2	
87 n-Butyl acetate	73	8.150	8.150	0.000	99	4671	5.00	4.29	
88 Chlorodibromomethane	129	8.186	8.186	0.000	98	17550	5.00	4.47	
89 Ethylene Dibromide	107	8.296	8.296	0.000	98	17523	5.00	4.60	
* 90 Chlorobenzene-d5	117	8.655	8.661	-0.006	87	471684	50.0	50.0	
91 Chlorobenzene	112	8.679	8.679	0.000	96	56620	5.00	5.06	
92 Ethylbenzene	106	8.746	8.740	0.006	99	30144	5.00	5.02	
93 1,1,1,2-Tetrachloroethane	131	8.752	8.752	0.000	94	17903	5.00	4.84	
94 m-Xylene & p-Xylene	106	8.843	8.837	0.006	99	36143	5.00	4.97	
95 n-Butyl acrylate	73	9.135	9.135	0.000	98	14677	5.00	4.56	
96 o-Xylene	106	9.160	9.160	0.000	92	32728	5.00	4.55	
97 Styrene	104	9.184	9.184	0.000	94	58331	5.00	4.73	
98 Amyl acetate (mixed isomer	43	9.306	9.306	0.000	88	42108	5.00	4.62	
99 Bromoform	173	9.354	9.348	0.006	96	10875	5.00	4.20	
100 Isopropylbenzene	105	9.433	9.433	0.000	96	84857	5.00	4.85	
\$ 101 4-Bromofluorobenzene	174	9.592	9.591	0.001	88	191289	50.0	49.4	
102 Camphene	41	9.610	9.610	0.000	95	9337	5.00	5.55	
103 Bromobenzene	156	9.701	9.701	0.000	97	22571	5.00	4.83	
104 1,1,2,2-Tetrachloroethane	83	9.719	9.719	0.000	96	21708	5.00	4.13	
105 N-Propylbenzene	91	9.744	9.744	0.000	98	101962	5.00	4.59	
106 1,2,3-Trichloropropane	110	9.762	9.762	0.000	93	7048	5.00	4.53	
107 trans-1,4-Dichloro-2-buten	53	9.774	9.768	0.006	77	6677	5.00	3.88	
108 4-Ethyltoluene	105	9.829	9.829	0.000	97	94329	5.00	5.21	
109 2-Chlorotoluene	91	9.835	9.835	0.000	96	71647	5.00	4.83	
110 1,3,5-Trimethylbenzene	105	9.877	9.877	0.000	92	70439	5.00	4.72	
111 4-Chlorotoluene	91	9.920	9.920	0.000	98	65489	5.00	4.84	
112 Butyl Methacrylate	87	9.938	9.938	0.000	97	25261	5.00	4.70	
113 tert-Butylbenzene	119	10.109	10.109	0.000	94	59227	5.00	4.54	
114 1,2,4-Trimethylbenzene	105	10.157	10.157	0.000	98	72728	5.00	4.72	
115 sec-Butylbenzene	105	10.273	10.273	0.000	98	78145	5.00	4.34	
116 4-Isopropyltoluene	119	10.370	10.370	0.000	97	69115	5.00	4.40	
117 1,3-Dichlorobenzene	146	10.389	10.388	0.000	93	37986	5.00	4.55	
* 118 1,4-Dichlorobenzene-d4	152	10.437	10.437	0.000	97	257636	50.0	50.0	
119 1,4-Dichlorobenzene	146	10.455	10.455	0.000	93	38090	5.00	4.53	
120 Benzyl chloride	91	10.565	10.559	0.006	98	34598	5.00	3.11	
121 2,3-Dihydroindene	117	10.614	10.613	0.001	95	77744	5.00	5.45	
122 p-Diethylbenzene	119	10.644	10.644	0.000	92	50085	5.00	5.23	
123 n-Butylbenzene	91	10.662	10.662	0.000	96	78909	5.00	4.53	
124 1,2-Dichlorobenzene	146	10.729	10.729	0.000	95	35386	5.00	4.65	
125 1,2,4,5-Tetramethylbenzene	119	11.198	11.198	0.000	99	65953	5.00	5.11	
126 1,2-Dibromo-3-Chloropropan	75	11.295	11.295	0.000	91	4218	5.00	4.42	
127 1,3,5-Trichlorobenzene	180	11.404	11.404	0.000	96	27396	5.00	5.16	
128 Camphor	95	11.842	11.842	0.000	94	13342	25.0	24.4	
129 1,2,4-Trichlorobenzene	180	11.922	11.921	0.001	94	20049	5.00	4.35	
130 Hexachlorobutadiene	225	12.007	12.007	0.000	93	8336	5.00	4.41	
131 Naphthalene	128	12.159	12.159	0.000	99	50112	5.00	4.24	
132 1,2,3-Trichlorobenzene	180	12.378	12.378	0.000	93	16150	5.00	4.33	
S 133 1,2-Dichloroethene, Total	100				0		10.0	10.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 Xylenes, Total	100				0		10.0	9.52	
S 135 Total BTEX	1				0			24.5	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

MIX 2 Hi_00028	Amount Added: 1.00	Units: uL	
8260 MIX3 HI_00012	Amount Added: 1.00	Units: uL	
ACROLEIN W_00036	Amount Added: 4.00	Units: uL	
GAS Hi_00093	Amount Added: 1.00	Units: uL	
MIX I Hi_00038	Amount Added: 1.00	Units: uL	
8260ISSUR50_00012	Amount Added: 5.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS3\20150412-26140.b\C06934.D

Injection Date: 12-Apr-2015 20:14:30

Instrument ID: CVOAMS3

Operator ID: VOA GC/MS3

Lims ID: STD5

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

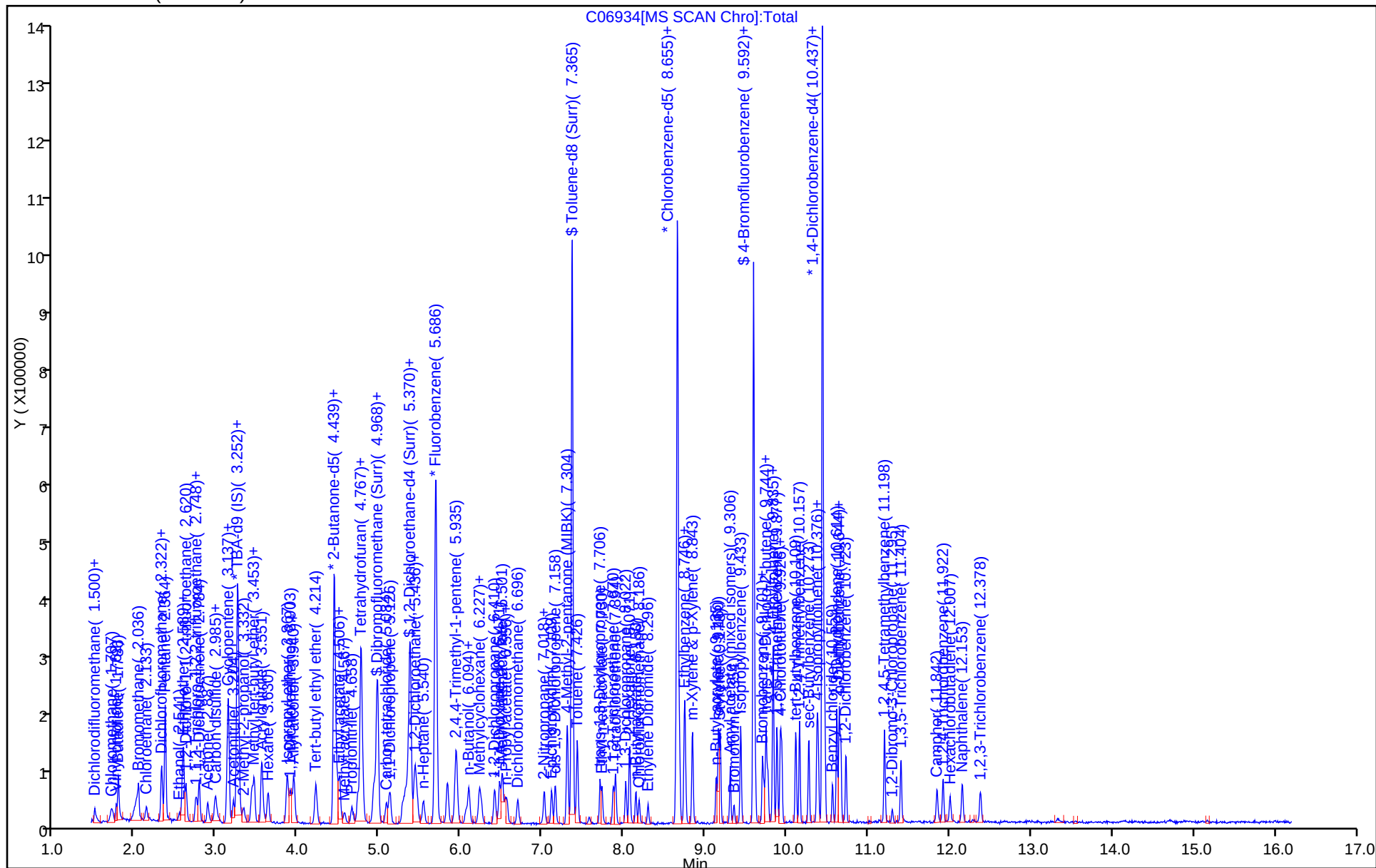
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



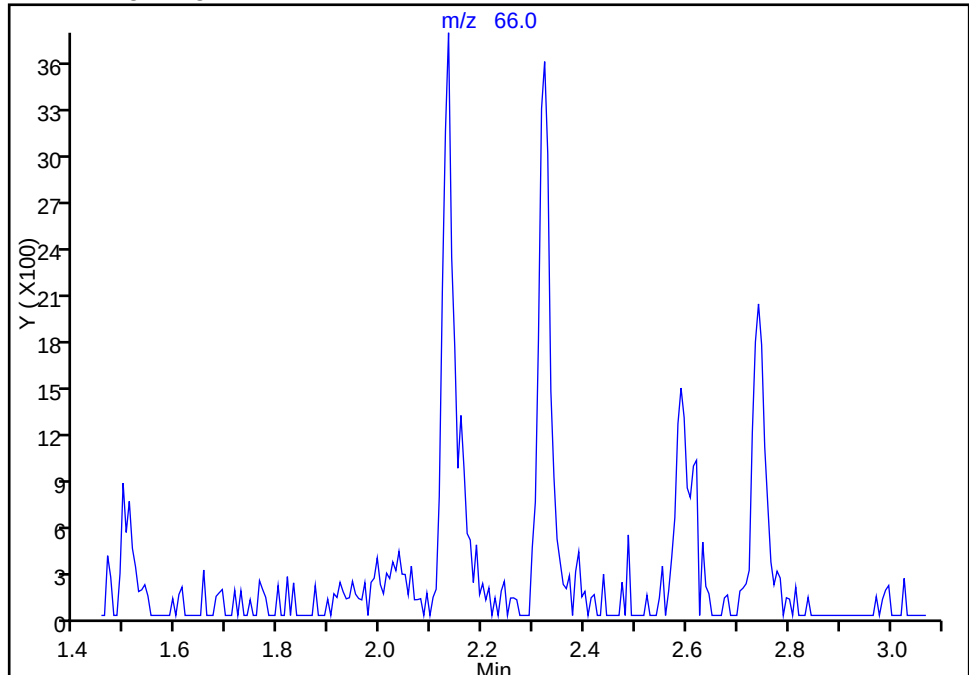
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS3\20150412-26140.b\C06934.D
Injection Date: 12-Apr-2015 20:14:30 Instrument ID: CVOAMS3
Lims ID: STD5
Client ID:
Operator ID: VOA GC/MS3 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_3 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Chlorotrifluoroethene, CAS: 79-38-9

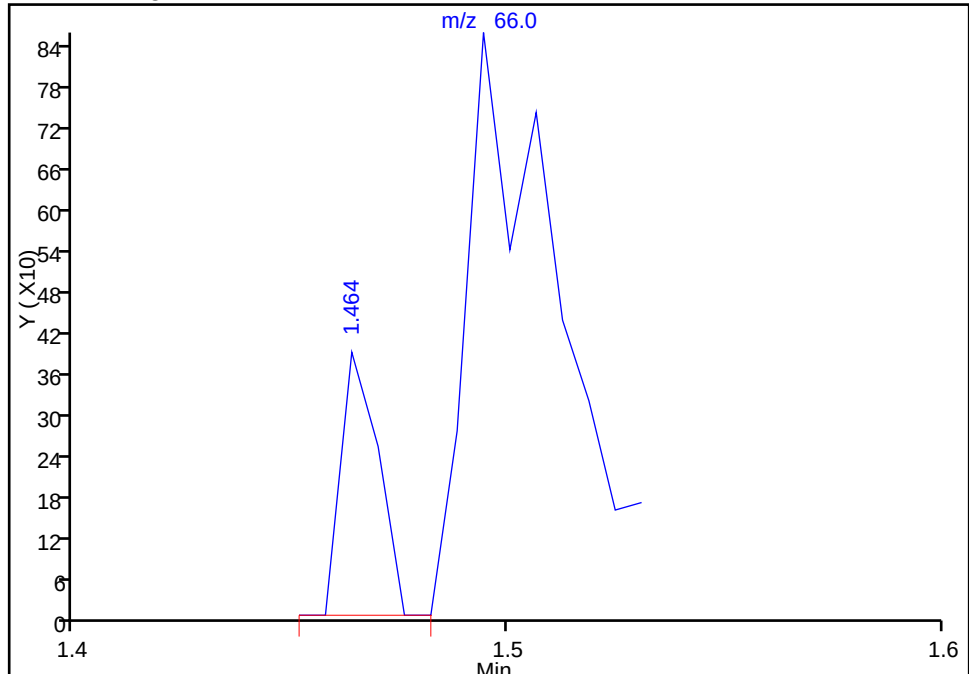
Not Detected
Expected RT: 1.47

Processing Integration Results



RT: 1.46
Area: 231
Amount: 0.809497
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 13-Apr-2015 08:55:05
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

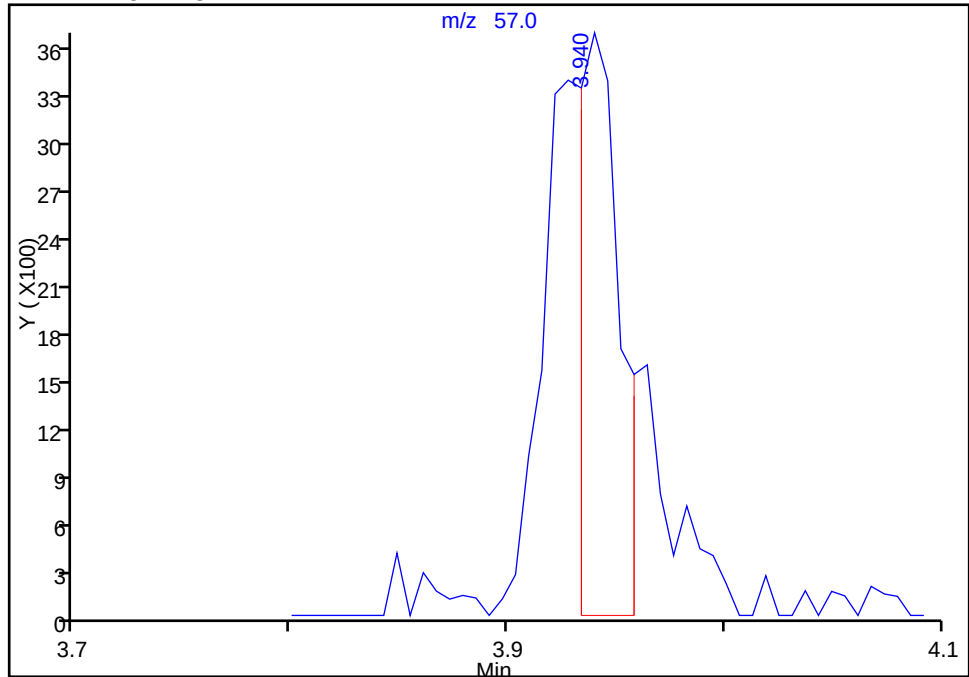
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS3\20150412-26140.b\C06934.D		
Injection Date:	12-Apr-2015 20:14:30	Instrument ID:	CVOAMS3
Lims ID:	STD5		
Client ID:			
Operator ID:	VOA GC/MS3	ALS Bottle#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_3	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector:	MS SCAN
		Worklist Smp#:	4

36 Allyl alcohol, CAS: 107-18-6

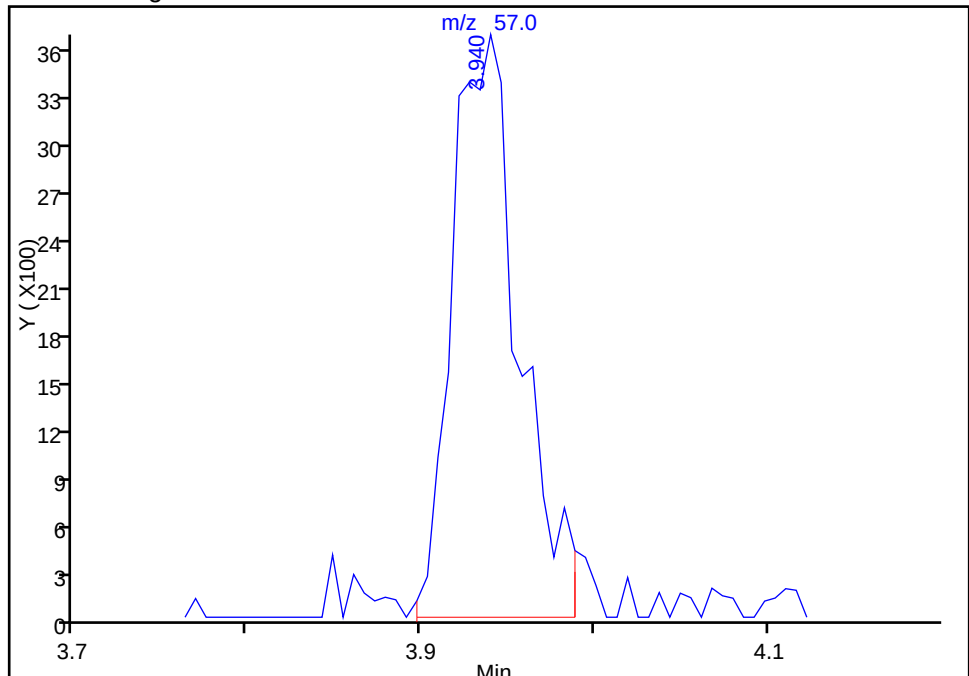
RT: 3.94
Area: 4868
Amount: 319.2359
Amount Units: ug/l

Processing Integration Results



RT: 3.94
Area: 9679
Amount: 109.8472
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 13-Apr-2015 08:55:05
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHRON\ChromData\CVOAMS3\20150412-26140.b\C06935.D
 Lims ID: STD20
 Client ID:
 Sample Type: ICIS Calib Level: 3
 Inject. Date: 12-Apr-2015 20:40:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD20
 Misc. Info.: 460-0026140-005
 Operator ID: VOA GC/MS3 Instrument ID: CVOAMS3
 Sublist: chrom-8260W_3*sub17
 Method: \\EDICHRON\ChromData\CVOAMS3\20150412-26140.b\8260W_3.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 13-Apr-2015 09:59:45 Calib Date: 12-Apr-2015 23:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHRON\ChromData\CVOAMS3\20150412-26140.b\C06941.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK021

First Level Reviewer: delpolitov

Date: 13-Apr-2015 08:48:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.470	1.470	0.000	1	2973	20.0	10.9	M
2 Dichlorodifluoromethane	85	1.500	1.500	0.000	99	87419	20.0	20.2	
3 Chloromethane	50	1.707	1.707	0.000	99	104928	20.0	21.1	
4 Vinyl chloride	62	1.762	1.762	0.000	98	109824	20.0	20.6	
5 Butadiene	54	1.792	1.792	0.000	99	107694	20.0	22.0	
6 Bromomethane	94	2.048	2.048	0.000	98	35242	20.0	14.0	
7 Chloroethane	64	2.145	2.145	0.000	100	77921	20.0	20.3	
8 Dichlorofluoromethane	67	2.322	2.322	0.000	99	175113	20.0	20.8	
9 Trichlorofluoromethane	101	2.334	2.334	0.000	97	138841	20.0	20.9	
10 Pentane	72	2.376	2.376	0.000	97	37994	40.0	43.2	
11 Ethanol	46	2.534	2.534	0.000	99	31087	1000.0	1013.6	
12 Ethyl ether	59	2.577	2.577	0.000	96	81966	20.0	20.2	
13 2-Methyl-1,3-butadiene	53	2.589	2.589	0.000	94	96290	20.0	21.1	
14 1,2-Dichloro-1,1,2-trifluo	117	2.626	2.626	0.000	98	68371	20.0	20.4	
15 1,1,2-Trichloro-1,2,2-trif	101	2.747	2.747	0.000	94	84607	20.0	22.0	
16 Acrolein	56	2.760	2.760	0.000	29	8792	40.0	35.9	
17 1,1-Dichloroethene	96	2.790	2.790	0.000	95	78436	20.0	20.0	
18 Acetone	43	2.887	2.887	0.000	85	148619	100.0	94.7	
19 Iodomethane	142	2.948	2.948	0.000	99	31745	20.0	16.8	
21 Isopropyl alcohol	45	2.979	2.979	0.000	49	57731	200.0	180.1	
20 Carbon disulfide	76	2.985	2.985	0.000	100	235233	20.0	20.0	
22 3-Chloro-1-propene	76	3.125	3.125	0.000	90	40465	20.0	21.3	
23 Cyclopentene	67	3.143	3.143	0.000	70	224345	20.0	21.0	
24 Methyl acetate	43	3.143	3.143	0.000	99	413602	100.0	99.1	
25 Acetonitrile	41	3.204	3.204	0.000	98	136307	200.0	185.6	
* 26 TBA-d9 (IS)	65	3.252	3.252	0.000	94	414376	1000.0	1000.0	
27 Methylene Chloride	84	3.265	3.265	0.000	97	75740	20.0	18.6	
28 2-Methyl-2-propanol	59	3.325	3.325	0.000	99	89678	200.0	202.1	
29 Methyl tert-butyl ether	73	3.429	3.429	0.000	97	213254	20.0	19.2	
30 trans-1,2-Dichloroethene	96	3.459	3.459	0.000	96	79270	20.0	20.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.550	3.550	0.000	93	332310	200.0	186.3	
32 Hexane	43	3.630	3.630	0.000	93	92852	20.0	22.9	
33 Isopropyl ether	45	3.861	3.861	0.000	97	277819	20.0	19.7	
34 1,1-Dichloroethane	63	3.897	3.897	0.000	99	155445	20.0	19.8	
35 Vinyl acetate	43	3.922	3.922	0.000	100	163012	40.0	40.1	
36 Allyl alcohol	57	3.928	3.928	0.000	44	41103	500.0	497.0	
37 2-Chloro-1,3-butadiene	88	3.946	3.946	0.000	93	71058	20.0	19.5	
38 Tert-butyl ethyl ether	59	4.214	4.214	0.000	89	228170	20.0	18.9	
* 164 2-Butanone-d5	46	4.439	4.439	0.000	96	461630	250.0	250.0	
39 2,2-Dichloropropane	79	4.445	4.445	0.000	59	39603	20.0	20.4	
40 cis-1,2-Dichloroethene	96	4.475	4.475	0.000	96	85387	20.0	20.7	
41 2-Butanone (MEK)	72	4.506	4.506	0.000	96	48970	100.0	93.9	
42 Ethyl acetate	70	4.512	4.512	0.000	99	15875	40.0	38.6	
43 Methyl acrylate	55	4.566	4.566	0.000	99	78419	20.0	19.1	
44 Propionitrile	54	4.658	4.658	0.000	98	120631	200.0	179.8	
45 Tetrahydrofuran	72	4.725	4.725	0.000	82	20050	40.0	36.0	
46 Chlorobromomethane	128	4.737	4.737	0.000	92	32248	20.0	18.3	
47 Methacrylonitrile	67	4.773	4.773	0.000	95	347721	200.0	191.2	
48 Chloroform	83	4.792	4.792	0.000	97	137484	20.0	19.9	
49 Cyclohexane	56	4.925	4.925	0.000	94	154511	20.0	21.8	
50 1,1,1-Trichloroethane	97	4.950	4.950	0.000	99	117354	20.0	20.3	
\$ 51 Dibromofluoromethane (Surr	113	4.974	4.974	0.000	98	133126	50.0	49.5	
52 Carbon tetrachloride	117	5.084	5.084	0.000	98	96768	20.0	19.9	
53 1,1-Dichloropropene	75	5.126	5.126	0.000	95	109694	20.0	20.0	
54 Isobutyl alcohol	43	5.278	5.278	0.000	95	147553	500.0	496.8	
55 Benzene	78	5.351	5.351	0.000	97	313972	20.0	20.2	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.376	5.376	0.000	93	175001	50.0	48.5	
57 Tert-amyl methyl ether	73	5.436	5.436	0.000	68	208440	20.0	18.2	
58 Isopropyl acetate	43	5.436	5.436	0.000	93	241289	20.0	18.6	
59 1,2-Dichloroethane	62	5.461	5.461	0.000	97	106564	20.0	18.7	
60 n-Heptane	57	5.534	5.534	0.000	96	62567	20.0	18.1	
* 61 Fluorobenzene	96	5.686	5.686	0.000	98	540457	50.0	50.0	
62 2,4,4-Trimethyl-1-pentene	57	5.941	5.941	0.000	92	414704	40.0	32.7	
64 n-Butanol	56	6.057	6.057	0.000	93	56741	500.0	454.9	
65 Trichloroethene	95	6.093	6.093	0.000	98	81761	20.0	19.8	
66 Methylcyclohexane	83	6.227	6.227	0.000	95	142598	20.0	20.2	
63 Ethyl acrylate	55	6.245	6.245	0.000	96	229262	20.0	20.8	
67 1,2-Dichloropropane	63	6.410	6.410	0.000	90	88161	20.0	19.5	
* 68 1,4-Dioxane-d8	96	6.471	6.471	0.000	96	51226	1000.0	1000.0	
69 Methyl methacrylate	100	6.507	6.507	0.000	95	43477	40.0	36.8	
70 1,4-Dioxane	88	6.525	6.525	0.000	88	20703	400.0	344.1	
71 Dibromomethane	93	6.544	6.544	0.000	96	47811	20.0	20.2	
72 n-Propyl acetate	43	6.568	6.568	0.000	99	126262	20.0	17.2	
73 Dichlorobromomethane	83	6.696	6.696	0.000	98	101041	20.0	19.7	
74 2-Nitropropane	41	7.018	7.018	0.000	79	42394	40.0	34.5	
75 2-Chloroethyl vinyl ether	63	7.024	7.024	0.000	75	54010	20.0	19.4	
76 Epichlorohydrin	57	7.109	7.109	0.000	99	174257	400.0	400.2	
77 cis-1,3-Dichloropropene	75	7.158	7.158	0.000	95	128893	20.0	19.8	
78 4-Methyl-2-pentanone (MIBK	43	7.304	7.304	0.000	99	476239	100.0	108.9	
\$ 79 Toluene-d8 (Surr)	98	7.365	7.365	0.000	99	554213	50.0	49.0	
80 Toluene	91	7.426	7.426	0.000	94	355590	20.0	21.4	
81 trans-1,3-Dichloropropene	75	7.706	7.706	0.000	98	111005	20.0	20.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 Ethyl methacrylate	69	7.730	7.730	0.000	93	100555	20.0	19.3	
83 1,1,2-Trichloroethane	83	7.870	7.870	0.000	96	59753	20.0	20.0	
84 Tetrachloroethene	166	7.900	7.900	0.000	93	80116	20.0	19.9	
85 1,3-Dichloropropane	76	8.022	8.022	0.000	96	127552	20.0	20.0	
86 2-Hexanone	43	8.064	8.064	0.000	98	324312	100.0	107.7	
87 n-Butyl acetate	73	8.150	8.150	0.000	99	20368	20.0	20.1	
88 Chlorodibromomethane	129	8.186	8.186	0.000	97	69616	20.0	19.0	
89 Ethylene Dibromide	107	8.296	8.296	0.000	96	71851	20.0	20.3	
* 90 Chlorobenzene-d5	117	8.661	8.661	0.000	88	439544	50.0	50.0	
91 Chlorobenzene	112	8.679	8.679	0.000	93	211601	20.0	20.3	
92 Ethylbenzene	106	8.740	8.740	0.000	99	119176	20.0	21.3	
93 1,1,1,2-Tetrachloroethane	131	8.752	8.752	0.000	93	72578	20.0	21.0	
94 m-Xylene & p-Xylene	106	8.837	8.837	0.000	99	138693	20.0	20.5	
95 n-Butyl acrylate	73	9.135	9.135	0.000	97	58016	20.0	19.3	
96 o-Xylene	106	9.160	9.160	0.000	93	158322	20.0	23.6	
97 Styrene	104	9.184	9.184	0.000	94	255012	20.0	22.2	
98 Amyl acetate (mixed isomer	43	9.306	9.306	0.000	88	151653	20.0	18.4	
99 Bromoform	173	9.348	9.348	0.000	96	44496	20.0	18.4	
100 Isopropylbenzene	105	9.433	9.433	0.000	96	365379	20.0	22.4	
\$ 101 4-Bromofluorobenzene	174	9.591	9.591	0.000	89	177962	50.0	50.8	
102 Camphene	41	9.610	9.610	0.000	96	33571	20.0	21.4	
103 Bromobenzene	156	9.701	9.701	0.000	96	81693	20.0	19.3	
104 1,1,2,2-Tetrachloroethane	83	9.719	9.719	0.000	98	89972	20.0	18.9	
105 N-Propylbenzene	91	9.744	9.744	0.000	99	430929	20.0	21.4	
106 1,2,3-Trichloropropane	110	9.762	9.762	0.000	95	27431	20.0	19.5	
107 trans-1,4-Dichloro-2-buten	53	9.768	9.768	0.000	89	30533	20.0	19.6	
108 4-Ethyltoluene	105	9.829	9.829	0.000	98	331098	20.0	20.2	
109 2-Chlorotoluene	91	9.835	9.835	0.000	96	274295	20.0	20.4	
110 1,3,5-Trimethylbenzene	105	9.877	9.877	0.000	93	285523	20.0	21.1	
111 4-Chlorotoluene	91	9.920	9.920	0.000	98	252465	20.0	20.6	
112 Butyl Methacrylate	87	9.938	9.938	0.000	96	93725	20.0	19.3	
113 tert-Butylbenzene	119	10.109	10.109	0.000	94	247306	20.0	21.0	
114 1,2,4-Trimethylbenzene	105	10.157	10.157	0.000	98	283201	20.0	20.3	
115 sec-Butylbenzene	105	10.273	10.273	0.000	99	359882	20.0	22.1	
116 4-Isopropyltoluene	119	10.370	10.370	0.000	97	304082	20.0	21.4	
117 1,3-Dichlorobenzene	146	10.388	10.388	0.000	96	151176	20.0	20.0	
* 118 1,4-Dichlorobenzene-d4	152	10.437	10.437	0.000	97	233066	50.0	50.0	
119 1,4-Dichlorobenzene	146	10.455	10.455	0.000	94	152048	20.0	20.0	
120 Benzyl chloride	91	10.559	10.559	0.000	98	148488	20.0	14.8	
121 2,3-Dihydroindene	117	10.613	10.613	0.000	95	313726	20.0	23.3	
122 p-Diethylbenzene	119	10.644	10.644	0.000	92	186743	20.0	21.6	
123 n-Butylbenzene	91	10.662	10.662	0.000	98	357522	20.0	22.7	
124 1,2-Dichlorobenzene	146	10.729	10.729	0.000	95	139984	20.0	20.3	
125 1,2,4,5-Tetramethylbenzene	119	11.198	11.198	0.000	98	236162	20.0	20.2	
126 1,2-Dibromo-3-Chloropropan	75	11.295	11.295	0.000	94	15081	20.0	17.5	
127 1,3,5-Trichlorobenzene	180	11.404	11.404	0.000	97	90782	20.0	18.9	
128 Camphor	95	11.842	11.842	0.000	94	45995	100.0	93.1	
129 1,2,4-Trichlorobenzene	180	11.921	11.921	0.000	94	80179	20.0	19.2	
130 Hexachlorobutadiene	225	12.007	12.007	0.000	92	38498	20.0	22.5	
131 Naphthalene	128	12.159	12.159	0.000	99	213945	20.0	20.0	
132 1,2,3-Trichlorobenzene	180	12.378	12.378	0.000	94	67152	20.0	19.9	
S 133 1,2-Dichloroethene, Total	100				0		40.0	41.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

S 134 Xylenes, Total	100				0		40.0	44.1	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

MIX 2 Hi_00028	Amount Added: 2.00	Units: uL	
8260 MIX3 HI_00012	Amount Added: 2.00	Units: uL	
ACROLEIN W_00036	Amount Added: 4.00	Units: uL	
GAS Hi_00093	Amount Added: 2.00	Units: uL	
MIX I Hi_00038	Amount Added: 2.00	Units: uL	
8260ISSUR50_00012	Amount Added: 5.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS3\20150412-26140.b\C06935.D

Injection Date: 12-Apr-2015 20:40:30

Instrument ID: CVOAMS3

Operator ID: VOA GC/MS3

Lims ID: STD20

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

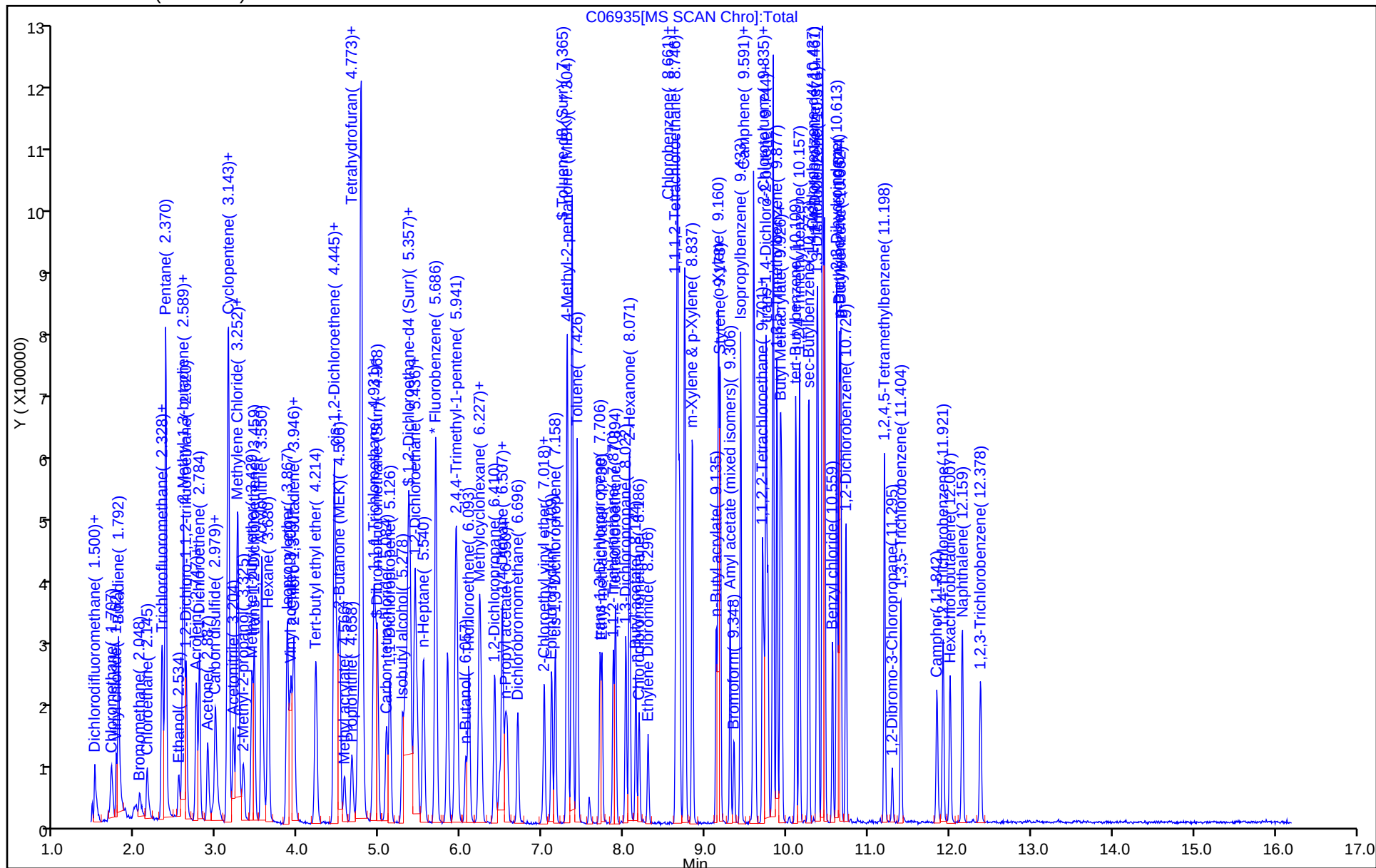
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



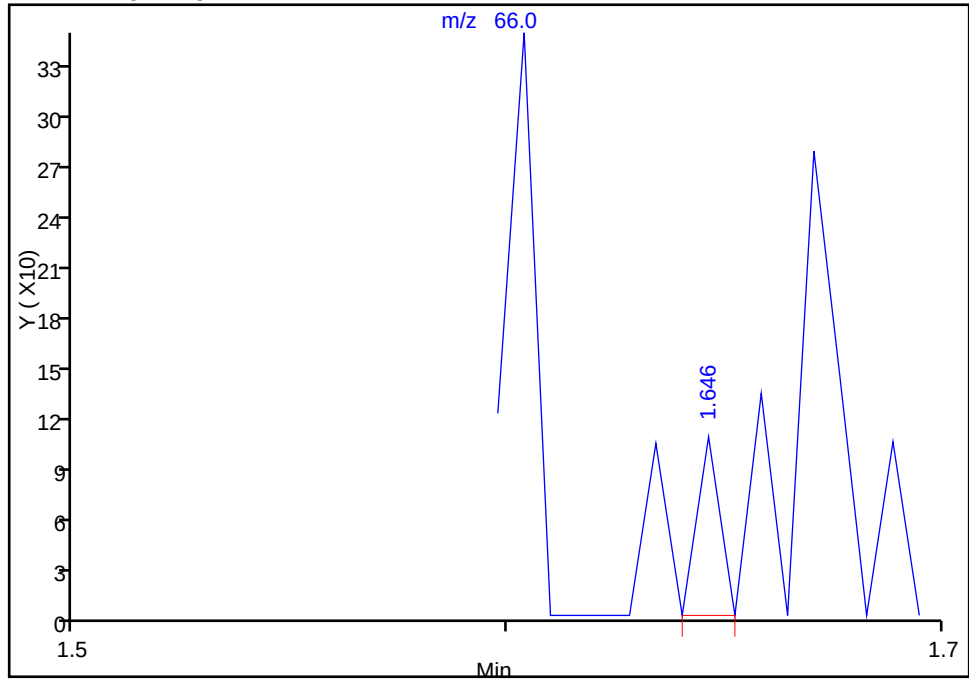
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS3\20150412-26140.b\C06935.D
Injection Date: 12-Apr-2015 20:40:30 Instrument ID: CVOAMS3
Lims ID: STD20
Client ID:
Operator ID: VOA GC/MS3 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_3 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Chlorotrifluoroethene, CAS: 79-38-9

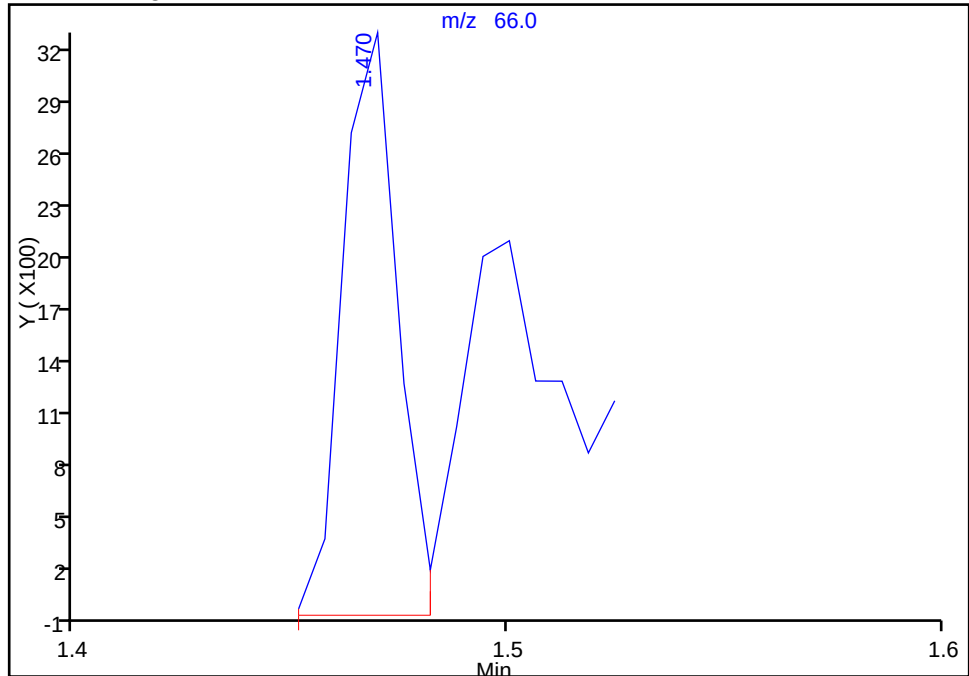
RT: 1.65
Area: 39
Amount: 20.000000
Amount Units: ug/l

Processing Integration Results



RT: 1.47
Area: 2973
Amount: 10.888960
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 13-Apr-2015 08:48:24
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHRON\ChromData\CVOAMS3\20150412-26140.b\C06936.D
 Lims ID: STD50
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 12-Apr-2015 21:05:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD50
 Misc. Info.: 460-0026140-006
 Operator ID: VOA GC/MS3 Instrument ID: CVOAMS3
 Sublist: chrom-8260W_3*sub17
 Method: \\EDICHRON\ChromData\CVOAMS3\20150412-26140.b\8260W_3.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 13-Apr-2015 09:59:49 Calib Date: 12-Apr-2015 23:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHRON\ChromData\CVOAMS3\20150412-26140.b\C06941.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK021

First Level Reviewer: delpolitov

Date: 13-Apr-2015 08:56:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.470	1.470	0.000	1	13240	50.0	43.8	M
2 Dichlorodifluoromethane	85	1.500	1.500	0.000	99	231134	50.0	50.4	
3 Chloromethane	50	1.707	1.707	0.000	99	270987	50.0	51.3	
4 Vinyl chloride	62	1.768	1.762	0.006	98	288262	50.0	50.9	
5 Butadiene	54	1.792	1.792	0.000	97	288427	50.0	55.6	
6 Bromomethane	94	2.054	2.048	0.006	99	116561	50.0	43.0	
7 Chloroethane	64	2.145	2.145	0.000	100	196735	50.0	48.4	
8 Dichlorofluoromethane	67	2.322	2.322	0.000	98	467319	50.0	52.3	
9 Trichlorofluoromethane	101	2.334	2.334	0.000	99	365562	50.0	51.9	
10 Pentane	72	2.370	2.376	-0.006	96	106028	100.0	113.7	
11 Ethanol	46	2.528	2.534	-0.006	99	82561	2500.0	2594.9	
12 Ethyl ether	59	2.577	2.577	0.000	97	220824	50.0	51.4	
13 2-Methyl-1,3-butadiene	53	2.595	2.589	0.006	90	264803	50.0	54.8	
14 1,2-Dichloro-1,1,2-trifluo	117	2.626	2.626	0.000	91	183890	50.0	51.8	
15 1,1,2-Trichloro-1,2,2-trif	101	2.747	2.747	0.000	95	232586	50.0	57.2	
16 Acrolein	56	2.760	2.760	0.000	36	22672	100.0	87.5	
17 1,1-Dichloroethene	96	2.790	2.790	0.000	96	203189	50.0	48.9	
18 Acetone	43	2.887	2.887	0.000	86	379353	250.0	238.4	
19 Iodomethane	142	2.948	2.948	0.000	99	107791	50.0	52.6	
21 Isopropyl alcohol	45	2.979	2.979	0.000	49	143200	500.0	430.6	
20 Carbon disulfide	76	2.985	2.985	0.000	100	604983	50.0	48.6	
22 3-Chloro-1-propene	76	3.131	3.125	0.006	92	85106	50.0	42.2	
23 Cyclopentene	67	3.143	3.143	0.000	77	583604	50.0	51.6	
24 Methyl acetate	43	3.143	3.143	0.000	99	1009582	250.0	228.4	
25 Acetonitrile	41	3.204	3.204	0.000	98	322456	500.0	414.6	
* 26 TBA-d9 (IS)	65	3.252	3.252	0.000	98	429867	1000.0	1000.0	
27 Methylene Chloride	84	3.265	3.265	0.000	97	202206	50.0	46.9	
28 2-Methyl-2-propanol	59	3.325	3.325	0.000	99	223805	500.0	488.8	
29 Methyl tert-butyl ether	73	3.435	3.429	0.006	98	582125	50.0	49.6	
30 trans-1,2-Dichloroethene	96	3.459	3.459	0.000	98	201023	50.0	48.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.550	3.550	0.000	93	830908	500.0	441.7	
32 Hexane	43	3.630	3.630	0.000	94	242327	50.0	56.5	
33 Isopropyl ether	45	3.867	3.861	0.006	97	756859	50.0	50.6	
34 1,1-Dichloroethane	63	3.897	3.897	0.000	99	420988	50.0	50.7	
35 Vinyl acetate	43	3.922	3.922	0.000	100	419218	100.0	97.3	
36 Allyl alcohol	57	3.928	3.928	0.000	40	106617	1250.0	1242.8	
37 2-Chloro-1,3-butadiene	88	3.952	3.946	0.006	93	197676	50.0	51.2	
38 Tert-butyl ethyl ether	59	4.214	4.214	0.000	89	673982	50.0	52.6	
* 164 2-Butanone-d5	46	4.445	4.439	0.006	97	468247	250.0	250.0	
39 2,2-Dichloropropane	79	4.451	4.445	0.006	95	104509	50.0	50.8	
40 cis-1,2-Dichloroethene	96	4.475	4.475	0.000	96	222886	50.0	50.9	
41 2-Butanone (MEK)	72	4.506	4.506	0.000	96	135097	250.0	255.3	
42 Ethyl acetate	70	4.512	4.512	0.000	100	42746	100.0	102.6	
43 Methyl acrylate	55	4.573	4.566	0.006	99	220397	50.0	50.6	
44 Propionitrile	54	4.658	4.658	0.000	98	347719	500.0	489.3	
45 Tetrahydrofuran	72	4.731	4.725	0.006	88	57814	100.0	102.4	
46 Chlorobromomethane	128	4.743	4.737	0.006	88	85442	50.0	45.9	
47 Methacrylonitrile	67	4.773	4.773	0.000	95	940825	500.0	488.7	
48 Chloroform	83	4.798	4.792	0.006	98	370556	50.0	50.6	
49 Cyclohexane	56	4.931	4.925	0.006	95	420424	50.0	56.1	
50 1,1,1-Trichloroethane	97	4.950	4.950	0.000	99	318307	50.0	52.1	
\$ 51 Dibromofluoromethane (Surr	113	4.974	4.974	0.000	94	145009	50.0	50.9	
52 Carbon tetrachloride	117	5.084	5.084	0.000	97	275893	50.0	53.7	
53 1,1-Dichloropropene	75	5.126	5.126	0.000	94	290990	50.0	50.1	
54 Isobutyl alcohol	43	5.284	5.278	0.006	98	391913	1250.0	1272.0	
55 Benzene	78	5.351	5.351	0.000	98	835532	50.0	48.2	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.376	5.376	0.000	92	192824	50.0	50.5	
57 Tert-amyl methyl ether	73	5.430	5.436	-0.006	95	605134	50.0	50.0	
58 Isopropyl acetate	43	5.436	5.436	0.000	94	683058	50.0	49.8	
59 1,2-Dichloroethane	62	5.461	5.461	0.000	97	292375	50.0	48.5	
60 n-Heptane	57	5.540	5.534	0.006	96	174522	50.0	48.2	
* 61 Fluorobenzene	96	5.692	5.686	0.006	98	572314	50.0	50.0	
62 2,4,4-Trimethyl-1-pentene	57	5.941	5.941	0.000	93	1173581	100.0	88.4	
64 n-Butanol	56	6.057	6.057	0.000	93	165919	1250.0	1282.2	
65 Trichloroethene	95	6.093	6.093	0.000	98	219171	50.0	50.2	
66 Methylcyclohexane	83	6.227	6.227	0.000	94	374685	50.0	50.3	
63 Ethyl acrylate	55	6.239	6.245	-0.006	98	633634	50.0	54.3	
67 1,2-Dichloropropane	63	6.410	6.410	0.000	88	233673	50.0	48.9	
* 68 1,4-Dioxane-d8	96	6.477	6.471	0.006	95	51051	1000.0	1000.0	
69 Methyl methacrylate	100	6.507	6.507	0.000	93	129480	100.0	103.5	
70 1,4-Dioxane	88	6.525	6.525	0.000	89	62880	1000.0	1048.6	
71 Dibromomethane	93	6.544	6.544	0.000	97	150879	50.0	60.3	
72 n-Propyl acetate	43	6.568	6.568	0.000	99	433802	50.0	55.9	
73 Dichlorobromomethane	83	6.696	6.696	0.000	99	292833	50.0	53.8	
74 2-Nitropropane	41	7.018	7.018	0.000	87	126614	100.0	97.2	
75 2-Chloroethyl vinyl ether	63	7.024	7.024	0.000	90	159066	50.0	53.9	
76 Epichlorohydrin	57	7.115	7.109	0.006	99	446600	1000.0	1011.2	
77 cis-1,3-Dichloropropene	75	7.158	7.158	0.000	95	363572	50.0	50.0	
78 4-Methyl-2-pentanone (MIBK	43	7.304	7.304	0.000	98	1268977	250.0	286.0	
\$ 79 Toluene-d8 (Surr)	98	7.365	7.365	0.000	100	599005	50.0	47.5	
80 Toluene	91	7.426	7.426	0.000	94	1020906	50.0	55.0	
81 trans-1,3-Dichloropropene	75	7.706	7.706	0.000	95	311984	50.0	50.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 Ethyl methacrylate	69	7.730	7.730	0.000	92	298977	50.0	54.2	
83 1,1,2-Trichloroethane	83	7.870	7.870	0.000	96	173691	50.0	52.2	
84 Tetrachloroethene	166	7.894	7.900	-0.006	95	222301	50.0	49.6	
85 1,3-Dichloropropane	76	8.022	8.022	0.000	96	339028	50.0	47.8	
86 2-Hexanone	43	8.071	8.064	0.007	98	840165	250.0	275.1	
87 n-Butyl acetate	73	8.144	8.150	-0.006	98	54269	50.0	48.0	
88 Chlorodibromomethane	129	8.186	8.186	0.000	98	207503	50.0	50.9	
89 Ethylene Dibromide	107	8.296	8.296	0.000	99	197318	50.0	49.9	
* 90 Chlorobenzene-d5	117	8.661	8.661	0.000	86	490100	50.0	50.0	
91 Chlorobenzene	112	8.679	8.679	0.000	93	594879	50.0	51.2	
92 Ethylbenzene	106	8.746	8.740	0.006	99	315901	50.0	50.6	
93 1,1,1,2-Tetrachloroethane	131	8.758	8.752	0.006	94	196569	50.0	51.1	
94 m-Xylene & p-Xylene	106	8.843	8.837	0.006	99	389085	50.0	51.5	
95 n-Butyl acrylate	73	9.135	9.135	0.000	96	163768	50.0	49.0	
96 o-Xylene	106	9.160	9.160	0.000	93	358955	50.0	48.1	
97 Styrene	104	9.184	9.184	0.000	94	705625	50.0	55.1	
98 Amyl acetate (mixed isomer	43	9.306	9.306	0.000	89	429257	50.0	49.5	
99 Bromoform	173	9.354	9.348	0.006	96	129426	50.0	48.1	
100 Isopropylbenzene	105	9.433	9.433	0.000	97	998879	50.0	55.0	
\$ 101 4-Bromofluorobenzene	174	9.591	9.591	0.000	88	182324	50.0	49.5	
102 Camphene	41	9.610	9.610	0.000	97	91294	50.0	52.2	
103 Bromobenzene	156	9.707	9.701	0.006	97	222128	50.0	50.0	
104 1,1,2,2-Tetrachloroethane	83	9.725	9.719	0.006	98	244184	50.0	48.9	
105 N-Propylbenzene	91	9.744	9.744	0.000	99	1211399	50.0	57.3	
106 1,2,3-Trichloropropane	110	9.762	9.762	0.000	94	71206	50.0	48.1	
107 trans-1,4-Dichloro-2-buten	53	9.774	9.768	0.006	84	85602	50.0	52.4	
108 4-Ethyltoluene	105	9.829	9.829	0.000	98	960692	50.0	55.8	
109 2-Chlorotoluene	91	9.835	9.835	0.000	95	761660	50.0	54.0	
110 1,3,5-Trimethylbenzene	105	9.877	9.877	0.000	93	776348	50.0	54.7	
111 4-Chlorotoluene	91	9.920	9.920	0.000	98	681427	50.0	53.0	
112 Butyl Methacrylate	87	9.938	9.938	0.000	94	280920	50.0	55.0	
113 tert-Butylbenzene	119	10.109	10.109	0.000	94	777916	50.0	62.7	
114 1,2,4-Trimethylbenzene	105	10.157	10.157	0.000	98	890570	50.0	60.8	
115 sec-Butylbenzene	105	10.273	10.273	0.000	98	1040265	50.0	60.7	
116 4-Isopropyltoluene	119	10.370	10.370	0.000	97	868089	50.0	58.1	
117 1,3-Dichlorobenzene	146	10.388	10.388	0.000	94	426428	50.0	53.7	
* 118 1,4-Dichlorobenzene-d4	152	10.437	10.437	0.000	95	244977	50.0	50.0	
119 1,4-Dichlorobenzene	146	10.455	10.455	0.000	93	417337	50.0	52.2	
120 Benzyl chloride	91	10.559	10.559	0.000	98	448052	50.0	42.8	
121 2,3-Dihydroindene	117	10.613	10.613	0.000	95	774933	50.0	54.4	
122 p-Diethylbenzene	119	10.644	10.644	0.000	90	479106	50.0	52.6	
123 n-Butylbenzene	91	10.662	10.662	0.000	97	925919	50.0	55.9	
124 1,2-Dichlorobenzene	146	10.729	10.729	0.000	95	393554	50.0	54.3	
125 1,2,4,5-Tetramethylbenzene	119	11.198	11.198	0.000	98	654178	50.0	53.3	
126 1,2-Dibromo-3-Chloropropan	75	11.295	11.295	0.000	96	41961	50.0	46.2	
127 1,3,5-Trichlorobenzene	180	11.404	11.404	0.000	97	261153	50.0	51.7	
128 Camphor	95	11.842	11.842	0.000	95	107369	250.0	206.7	
129 1,2,4-Trichlorobenzene	180	11.921	11.921	0.000	94	215066	50.0	49.1	
130 Hexachlorobutadiene	225	12.007	12.007	0.000	94	91156	50.0	50.7	
131 Naphthalene	128	12.153	12.159	-0.006	99	575829	50.0	51.2	
132 1,2,3-Trichlorobenzene	180	12.378	12.378	0.000	95	178404	50.0	50.4	
S 133 1,2-Dichloroethene, Total	100				0		100.0	99.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 Xylenes, Total	100				0		100.0	99.5	
S 135 Total BTEX	1				0			253.4	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

MIX 2 Hi_00028	Amount Added: 5.00	Units: uL	
8260 MIX3 HI_00012	Amount Added: 5.00	Units: uL	
ACROLEIN W_00036	Amount Added: 10.00	Units: uL	
GAS Hi_00093	Amount Added: 5.00	Units: uL	
MIX I Hi_00038	Amount Added: 5.00	Units: uL	
8260ISSUR50_00012	Amount Added: 5.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS3\20150412-26140.b\C06936.D

Injection Date: 12-Apr-2015 21:05:30

Instrument ID: CVOAMS3

Operator ID: VOA GC/MS3

Lims ID: STD50

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

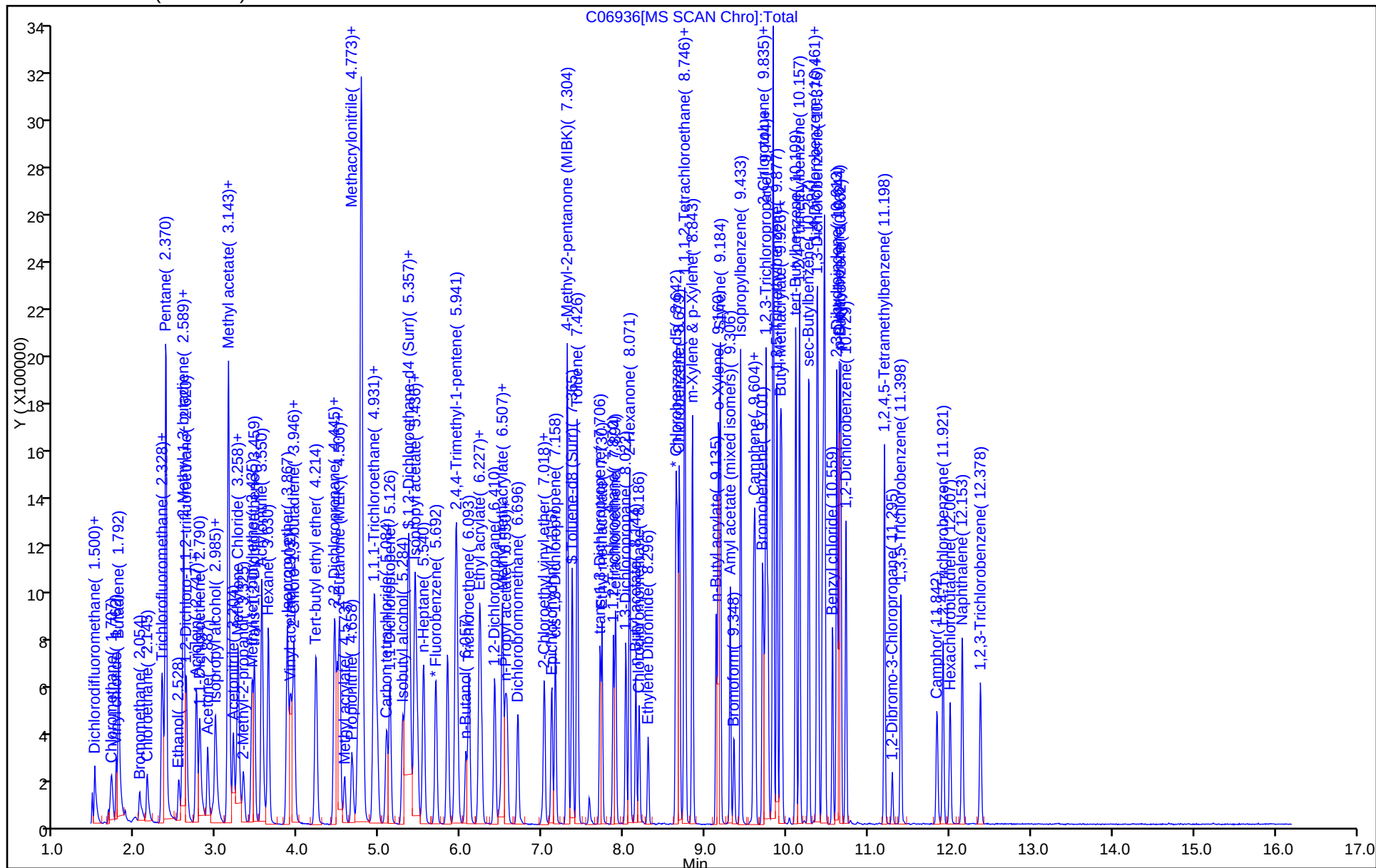
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



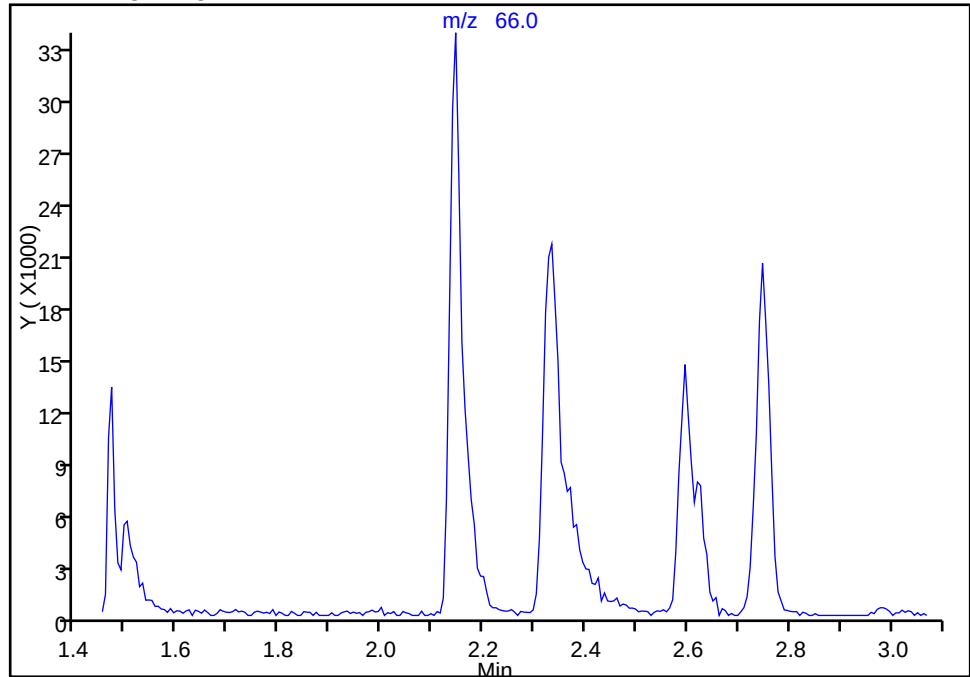
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS3\20150412-26140.b\C06936.D
Injection Date: 12-Apr-2015 21:05:30 Instrument ID: CVOAMS3
Lims ID: STD50
Client ID:
Operator ID: VOA GC/MS3 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_3 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Chlorotrifluoroethene, CAS: 79-38-9

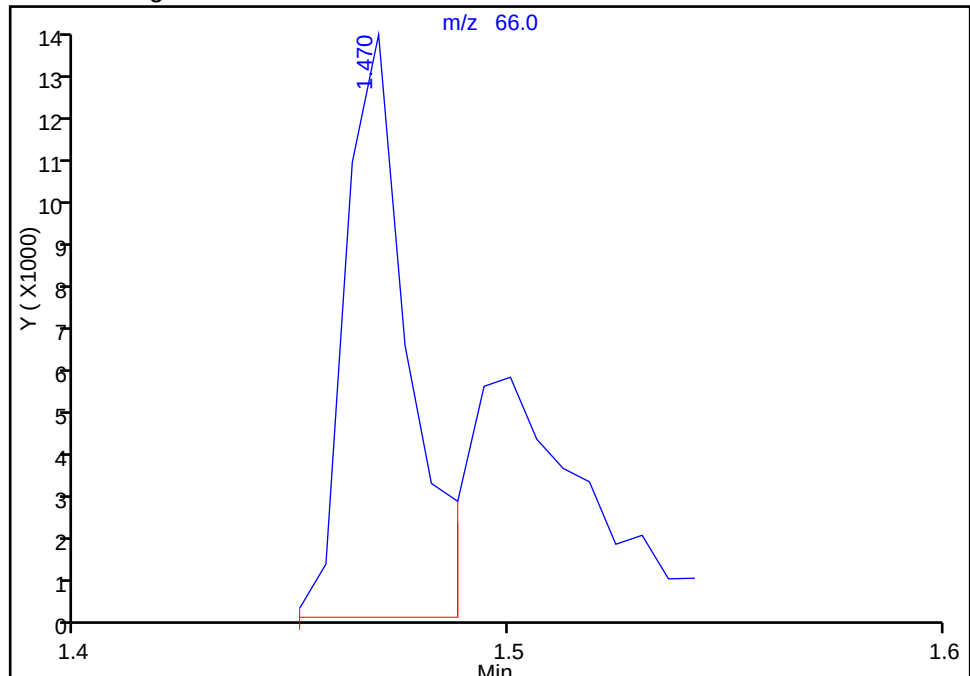
Not Detected
Expected RT: 1.47

Processing Integration Results



RT: 1.47
Area: 13240
Amount: 43.793107
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 13-Apr-2015 08:56:55
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHRON\ChromData\CVOAMS3\20150412-26140.b\C06937.D
 Lims ID: STD200
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 12-Apr-2015 21:30:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD200
 Misc. Info.: 460-0026140-007
 Operator ID: VOA GC/MS3 Instrument ID: CVOAMS3
 Sublist: chrom-8260W_3*sub17
 Method: \\EDICHRON\ChromData\CVOAMS3\20150412-26140.b\8260W_3.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 13-Apr-2015 09:59:53 Calib Date: 12-Apr-2015 23:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHRON\ChromData\CVOAMS3\20150412-26140.b\C06941.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK021

First Level Reviewer: delpolitov

Date: 13-Apr-2015 08:57:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.470	1.470	0.000	1	77582	200.0	202.8	M
2 Dichlorodifluoromethane	85	1.501	1.500	0.000	99	1037928	200.0	216.7	
3 Chloromethane	50	1.713	1.707	0.006	99	1115636	200.0	202.3	
4 Vinyl chloride	62	1.768	1.762	0.006	98	1258981	200.0	212.9	
5 Butadiene	54	1.793	1.792	0.000	98	1239903	200.0	228.5	
6 Bromomethane	94	2.042	2.048	-0.006	99	630419	200.0	203.1	M
7 Chloroethane	64	2.133	2.145	-0.012	100	788528	200.0	185.8	
8 Dichlorofluoromethane	67	2.322	2.322	0.000	98	1872929	200.0	200.7	
9 Trichlorofluoromethane	101	2.334	2.334	0.000	99	1515859	200.0	205.8	
10 Pentane	72	2.377	2.376	0.001	93	434764	400.0	446.3	
11 Ethanol	46	2.541	2.534	0.007	100	344183	10000	10133	
12 Ethyl ether	59	2.583	2.577	0.006	97	884945	200.0	197.2	
13 2-Methyl-1,3-butadiene	53	2.596	2.589	0.007	94	1055341	200.0	209.0	
14 1,2-Dichloro-1,1,2-trifluo	117	2.632	2.626	0.006	96	689383	200.0	186.0	
15 1,1,2-Trichloro-1,2,2-trif	101	2.754	2.747	0.007	96	921555	200.0	216.9	
16 Acrolein	56	2.760	2.760	0.000	29	62999	200.0	232.7	
17 1,1-Dichloroethene	96	2.790	2.790	0.000	95	812403	200.0	187.1	
18 Acetone	43	2.888	2.887	0.001	86	1801627	1000.0	982.0	
19 Iodomethane	142	2.948	2.948	0.000	99	470063	200.0	199.7	
21 Isopropyl alcohol	45	2.985	2.979	0.006	100	706912	2000.0	1991.0	
20 Carbon disulfide	76	2.979	2.985	-0.006	100	2636341	200.0	202.5	
22 3-Chloro-1-propene	76	3.131	3.125	0.006	86	388342	200.0	184.4	
23 Cyclopentene	67	3.149	3.143	0.006	89	2310027	200.0	195.3	
24 Methyl acetate	43	3.149	3.143	0.006	99	4759045	1000.0	1030.4	
25 Acetonitrile	41	3.204	3.204	0.000	97	1793829	2000.0	2207.0	
* 26 TBA-d9 (IS)	65	3.259	3.252	0.007	88	458927	1000.0	1000.0	
27 Methylene Chloride	84	3.265	3.265	0.000	97	856793	200.0	190.0	
28 2-Methyl-2-propanol	59	3.332	3.325	0.007	99	952922	2000.0	2004.0	
29 Methyl tert-butyl ether	73	3.435	3.429	0.006	97	2483307	200.0	202.4	
30 trans-1,2-Dichloroethene	96	3.472	3.459	0.013	96	816452	200.0	188.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.557	3.550	0.007	92	3879679	2000.0	2025.5	
32 Hexane	43	3.630	3.630	0.000	93	982700	200.0	219.2	
33 Isopropyl ether	45	3.873	3.861	0.012	97	3148809	200.0	201.6	
34 1,1-Dichloroethane	63	3.916	3.897	0.019	100	1611574	200.0	185.6	
35 Vinyl acetate	43	3.922	3.922	0.000	100	1822125	400.0	404.8	
36 Allyl alcohol	57	3.940	3.928	0.012	97	495931	5000.0	5414.8	
37 2-Chloro-1,3-butadiene	88	3.952	3.946	0.006	93	833944	200.0	206.7	
38 Tert-butyl ethyl ether	59	4.220	4.214	0.006	89	2799605	200.0	209.2	
* 164 2-Butanone-d5	46	4.445	4.439	0.006	95	539757	250.0	250.0	
39 2,2-Dichloropropane	79	4.451	4.445	0.006	96	438364	200.0	204.1	
40 cis-1,2-Dichloroethene	96	4.494	4.475	0.019	98	903619	200.0	197.6	
41 2-Butanone (MEK)	72	4.506	4.506	0.000	97	626748	1000.0	1027.4	
42 Ethyl acetate	70	4.512	4.512	0.000	100	194092	400.0	404.1	
43 Methyl acrylate	55	4.573	4.566	0.007	99	991617	200.0	218.0	
44 Propionitrile	54	4.664	4.658	0.006	98	1581856	2000.0	2130.1	
45 Tetrahydrofuran	72	4.731	4.725	0.006	95	272667	400.0	418.9	
46 Chlorobromomethane	128	4.743	4.737	0.006	92	394587	200.0	202.9	
47 Methacrylonitrile	67	4.780	4.773	0.007	90	4601790	2000.0	2287.2	
48 Chloroform	83	4.804	4.792	0.012	98	1558460	200.0	203.8	
49 Cyclohexane	56	4.932	4.925	0.007	95	1778104	200.0	227.1	
50 1,1,1-Trichloroethane	97	4.956	4.950	0.006	99	1374549	200.0	215.4	
\$ 51 Dibromofluoromethane (Surr	113	4.980	4.974	0.006	97	143236	50.0	48.1	
52 Carbon tetrachloride	117	5.084	5.084	0.000	97	1177953	200.0	219.5	
53 1,1-Dichloropropene	75	5.126	5.126	0.000	94	1267054	200.0	208.9	
54 Isobutyl alcohol	43	5.291	5.278	0.013	94	1876233	5000.0	5703.8	
55 Benzene	78	5.351	5.351	0.000	98	3494414	200.0	207.1	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.382	5.376	0.006	50	198847	50.0	49.8	
57 Tert-amyl methyl ether	73	5.437	5.436	0.001	94	2652071	200.0	209.5	
58 Isopropyl acetate	43	5.437	5.436	0.001	97	3021245	200.0	210.6	
59 1,2-Dichloroethane	62	5.467	5.461	0.006	97	1271387	200.0	201.7	
60 n-Heptane	57	5.540	5.534	0.006	95	720957	200.0	201.2	
* 61 Fluorobenzene	96	5.692	5.686	0.006	98	598060	50.0	50.0	
62 2,4,4-Trimethyl-1-pentene	57	5.942	5.941	0.001	91	5232281	400.0	406.6	
64 n-Butanol	56	6.063	6.057	0.006	91	771155	5000.0	5582.2	
65 Trichloroethene	95	6.100	6.093	0.007	98	912224	200.0	199.8	
66 Methylcyclohexane	83	6.227	6.227	0.000	94	1547101	200.0	199.9	
63 Ethyl acrylate	55	6.246	6.245	0.001	97	2683649	200.0	220.1	
67 1,2-Dichloropropane	63	6.416	6.410	0.006	92	999132	200.0	199.9	
* 68 1,4-Dioxane-d8	96	6.471	6.471	0.000	91	56666	1000.0	1000.0	
69 Methyl methacrylate	100	6.507	6.507	0.000	94	562317	400.0	430.0	
70 1,4-Dioxane	88	6.532	6.525	0.007	89	241069	4000.0	3621.9	
71 Dibromomethane	93	6.550	6.544	0.006	96	463728	200.0	177.5	
72 n-Propyl acetate	43	6.568	6.568	0.000	99	1778466	200.0	219.2	
73 Dichlorobromomethane	83	6.696	6.696	0.000	99	1232779	200.0	216.8	
74 2-Nitropropane	41	7.018	7.018	0.000	82	599387	400.0	440.5	
75 2-Chloroethyl vinyl ether	63	7.024	7.024	0.000	69	604734	200.0	196.1	
76 Epichlorohydrin	57	7.116	7.109	0.007	100	2232312	4000.0	4384.7	
77 cis-1,3-Dichloropropene	75	7.158	7.158	0.000	95	1770179	200.0	249.9	
78 4-Methyl-2-pentanone (MIBK	43	7.304	7.304	0.000	95	5822895	1000.0	1138.4	
\$ 79 Toluene-d8 (Surr)	98	7.365	7.365	0.000	99	673472	50.0	54.8	
80 Toluene	91	7.432	7.426	0.006	94	3767026	200.0	208.5	
81 trans-1,3-Dichloropropene	75	7.706	7.706	0.000	95	1299287	200.0	217.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 Ethyl methacrylate	69	7.730	7.730	0.000	92	1250353	200.0	216.7	
83 1,1,2-Trichloroethane	83	7.870	7.870	0.000	96	700162	200.0	216.2	
84 Tetrachloroethene	166	7.900	7.900	0.000	95	910228	200.0	208.5	
85 1,3-Dichloropropane	76	8.022	8.022	0.000	96	1406302	200.0	203.4	
86 2-Hexanone	43	8.071	8.064	0.007	96	3687466	1000.0	1047.6	
87 n-Butyl acetate	73	8.150	8.150	0.000	99	237930	200.0	216.0	
88 Chlorodibromomethane	129	8.186	8.186	0.000	99	866116	200.0	218.1	
89 Ethylene Dibromide	107	8.296	8.296	0.000	98	825952	200.0	214.4	
* 90 Chlorobenzene-d5	117	8.661	8.661	0.000	87	477395	50.0	50.0	
91 Chlorobenzene	112	8.685	8.679	0.006	92	2277027	200.0	201.2	
92 Ethylbenzene	106	8.746	8.740	0.006	99	1246704	200.0	205.0	
93 1,1,1,2-Tetrachloroethane	131	8.758	8.752	0.006	95	829082	200.0	221.4	
94 m-Xylene & p-Xylene	106	8.843	8.837	0.006	98	1505112	200.0	204.4	
95 n-Butyl acrylate	73	9.135	9.135	0.000	97	721421	200.0	221.5	
96 o-Xylene	106	9.160	9.160	0.000	95	1441576	200.0	198.1	
97 Styrene	104	9.184	9.184	0.000	93	2511591	200.0	201.4	
98 Amyl acetate (mixed isomer	43	9.306	9.306	0.000	90	1846505	200.0	220.1	
99 Bromoform	173	9.354	9.348	0.006	96	581165	200.0	221.7	
100 Isopropylbenzene	105	9.433	9.433	0.000	98	3577107	200.0	202.1	
\$ 101 4-Bromofluorobenzene	174	9.592	9.591	0.001	91	182423	50.0	51.1	
102 Camphene	41	9.610	9.610	0.000	97	360343	200.0	211.6	
103 Bromobenzene	156	9.707	9.701	0.006	97	914534	200.0	212.8	
104 1,1,2,2-Tetrachloroethane	83	9.725	9.719	0.006	98	1162421	200.0	240.3	
105 N-Propylbenzene	91	9.744	9.744	0.000	99	4651386	200.0	227.4	
106 1,2,3-Trichloropropane	110	9.768	9.762	0.006	96	328775	200.0	229.3	
107 trans-1,4-Dichloro-2-buten	53	9.774	9.768	0.006	90	378875	200.0	239.4	
108 4-Ethyltoluene	105	9.835	9.829	0.006	96	3629006	200.0	217.9	
109 2-Chlorotoluene	91	9.835	9.835	0.000	97	2979117	200.0	218.2	
110 1,3,5-Trimethylbenzene	105	9.878	9.877	0.001	94	2904400	200.0	211.4	
111 4-Chlorotoluene	91	9.920	9.920	0.000	98	2604230	200.0	209.2	
112 Butyl Methacrylate	87	9.938	9.938	0.000	96	1094106	200.0	221.2	
113 tert-Butylbenzene	119	10.115	10.109	0.006	93	2422722	200.0	201.7	
114 1,2,4-Trimethylbenzene	105	10.157	10.157	0.000	98	2954623	200.0	208.5	
115 sec-Butylbenzene	105	10.273	10.273	0.000	97	3544001	200.0	213.6	
116 4-Isopropyltoluene	119	10.370	10.370	0.000	96	3026504	200.0	209.2	
117 1,3-Dichlorobenzene	146	10.389	10.388	0.001	93	1585814	200.0	206.3	
* 118 1,4-Dichlorobenzene-d4	152	10.437	10.437	0.000	95	237183	50.0	50.0	
119 1,4-Dichlorobenzene	146	10.456	10.455	0.001	92	1585973	200.0	204.8	
120 Benzyl chloride	91	10.565	10.559	0.006	98	1973069	200.0	204.0	
121 2,3-Dihydroindene	117	10.614	10.613	0.001	94	2865178	200.0	192.5	
122 p-Diethylbenzene	119	10.644	10.644	0.000	92	1834267	200.0	208.1	
123 n-Butylbenzene	91	10.662	10.662	0.000	98	3385501	200.0	211.2	
124 1,2-Dichlorobenzene	146	10.729	10.729	0.000	94	1482284	200.0	211.4	
125 1,2,4,5-Tetramethylbenzene	119	11.204	11.198	0.006	98	2532530	200.0	213.1	
126 1,2-Dibromo-3-Chloropropan	75	11.295	11.295	0.000	96	199104	200.0	226.5	
127 1,3,5-Trichlorobenzene	180	11.405	11.404	0.001	97	1141804	200.0	233.4	
128 Camphor	95	11.849	11.842	0.007	96	511334	1000.0	1016.9	
129 1,2,4-Trichlorobenzene	180	11.922	11.921	0.001	94	919034	200.0	216.5	
130 Hexachlorobutadiene	225	12.007	12.007	0.000	94	370561	200.0	212.9	
131 Naphthalene	128	12.159	12.159	0.000	99	2352595	200.0	216.1	
132 1,2,3-Trichlorobenzene	180	12.378	12.378	0.000	95	679231	200.0	198.0	
S 133 1,2-Dichloroethene, Total	100				0		400.0	386.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 Xylenes, Total	100				0		400.0	402.5	
S 135 Total BTEX	1				0			1023.1	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

MIX 2 Hi_00028	Amount Added: 20.00	Units: uL	
8260 MIX3 HI_00012	Amount Added: 20.00	Units: uL	
ACROLEIN W_00036	Amount Added: 20.00	Units: uL	
GAS Hi_00093	Amount Added: 20.00	Units: uL	
MIX I Hi_00038	Amount Added: 20.00	Units: uL	
8260ISSUR50_00012	Amount Added: 5.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS3\20150412-26140.b\C06937.D

Injection Date: 12-Apr-2015 21:30:30

Instrument ID: CVOAMS3

Operator ID: VOA GC/MS3

Lims ID: STD200

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

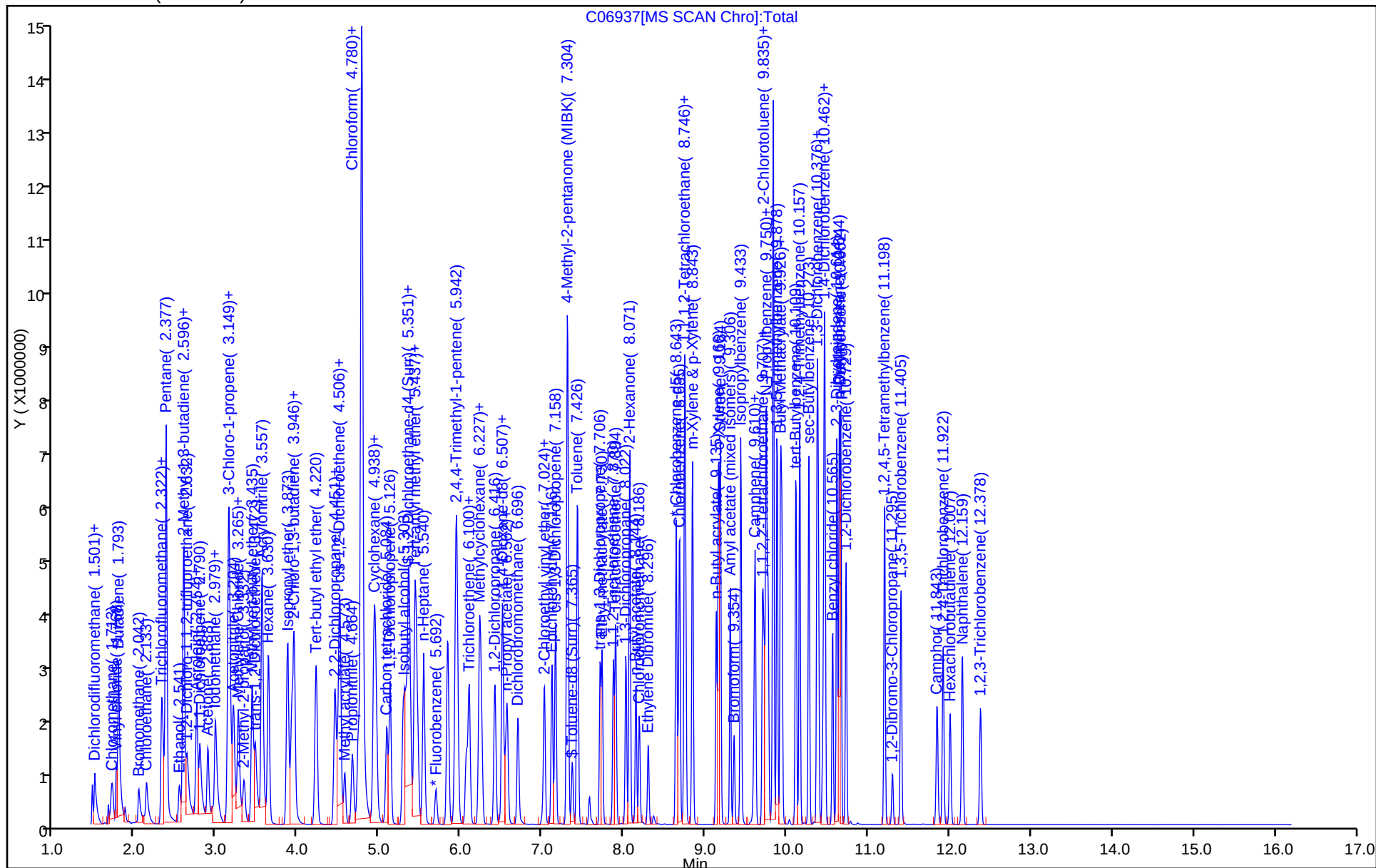
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



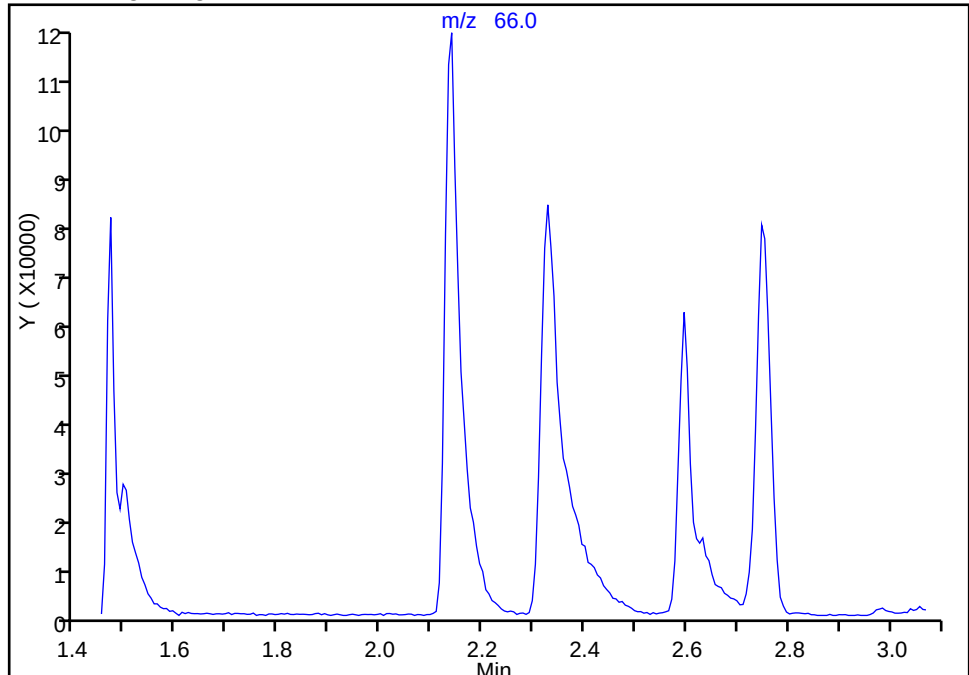
TestAmerica Edison

Data File: \\EDICHRON\ChromData\CVOAMS3\20150412-26140.b\C06937.D
Injection Date: 12-Apr-2015 21:30:30 Instrument ID: CVOAMS3
Lims ID: STD200
Client ID:
Operator ID: VOA GC/MS3 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_3 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Chlorotrifluoroethene, CAS: 79-38-9

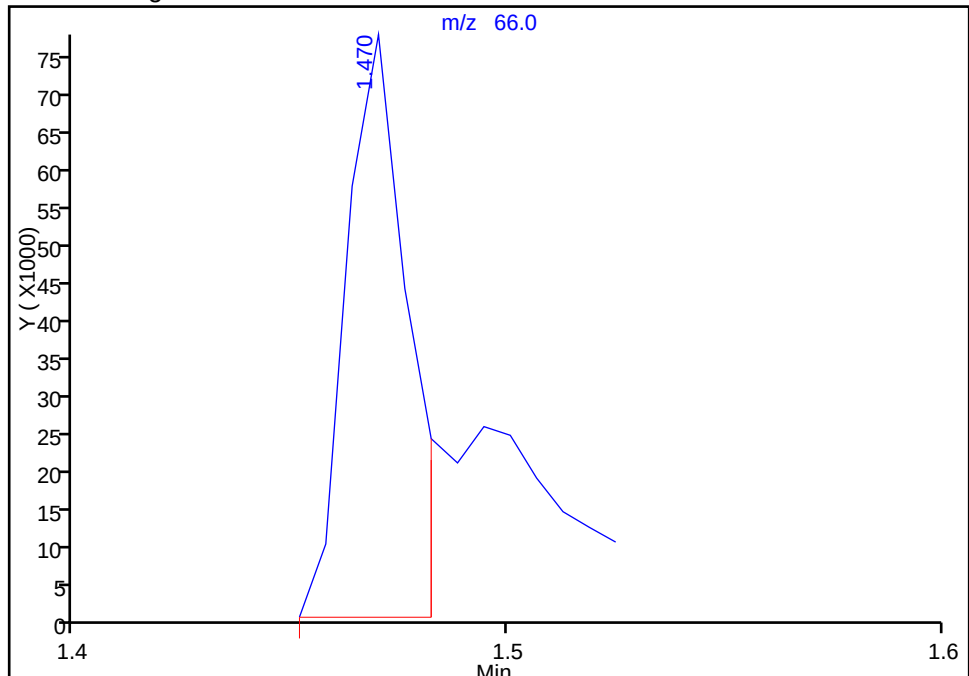
Not Detected
Expected RT: 1.47

Processing Integration Results



RT: 1.47
Area: 77582
Amount: 202.7668
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 13-Apr-2015 08:57:32
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

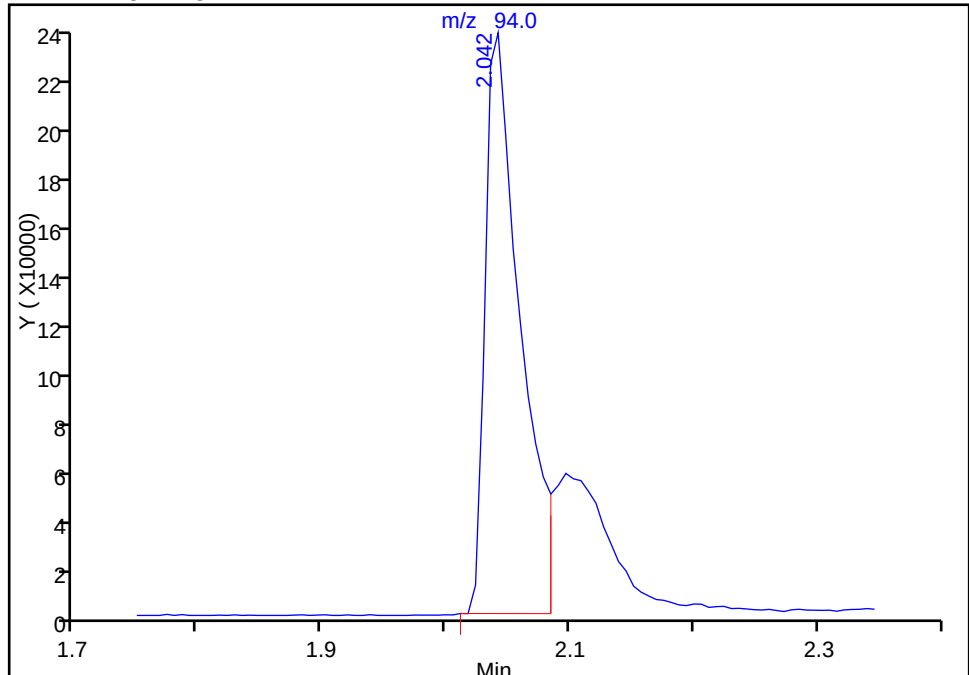
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS3\20150412-26140.b\C06937.D		
Injection Date:	12-Apr-2015 21:30:30	Instrument ID:	CVOAMS3
Lims ID:	STD200		
Client ID:			
Operator ID:	VOA GC/MS3	ALS Bottle#:	6
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_3	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector:	MS SCAN
		Worklist Smp#:	7

6 Bromomethane, CAS: 74-83-9

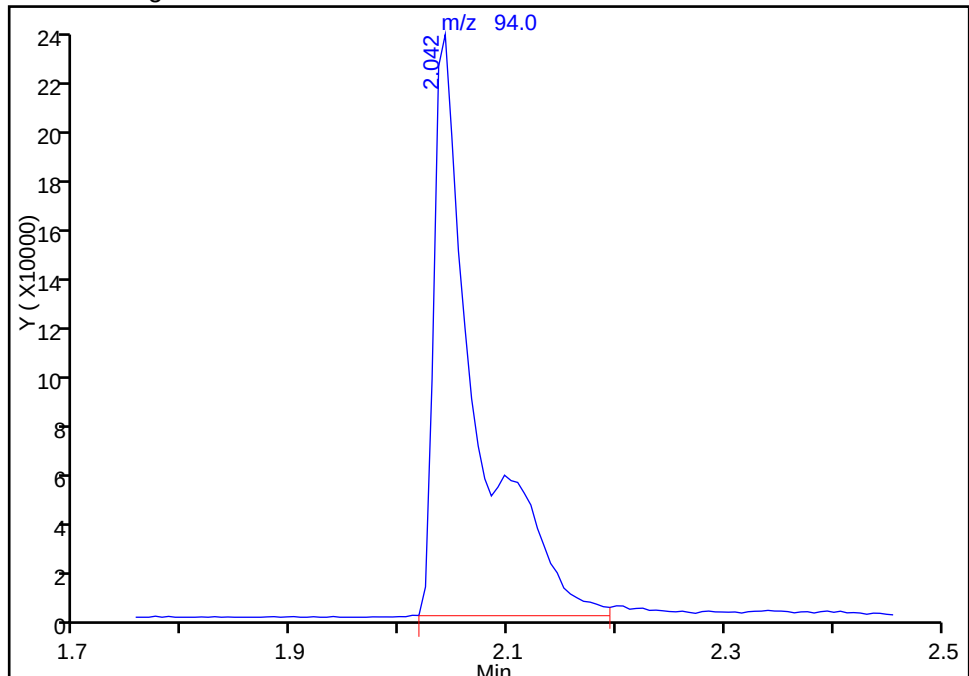
RT: 2.04
Area: 462418
Amount: 195.7500
Amount Units: ug/l

Processing Integration Results



RT: 2.04
Area: 630419
Amount: 203.0809
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 13-Apr-2015 08:58:36
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHRON\ChromData\CVOAMS3\20150412-26140.b\C06938.D
 Lims ID: STD500
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 12-Apr-2015 21:56:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD500
 Misc. Info.: 460-0026140-008
 Operator ID: VOA GC/MS3 Instrument ID: CVOAMS3
 Sublist: chrom-8260W_3*sub17
 Method: \\EDICHRON\ChromData\CVOAMS3\20150412-26140.b\8260W_3.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 13-Apr-2015 09:59:56 Calib Date: 12-Apr-2015 23:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHRON\ChromData\CVOAMS3\20150412-26140.b\C06941.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK021

First Level Reviewer: delpolitov

Date: 13-Apr-2015 09:00:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.470	1.470	0.000	1	243621	500.0	499.7	M
2 Dichlorodifluoromethane	85	1.500	1.500	0.000	99	2361517	500.0	512.9	
3 Chloromethane	50	1.713	1.707	0.006	100	2380385	500.0	449.0	
4 Vinyl chloride	62	1.768	1.762	0.006	98	2818247	500.0	495.8	
5 Butadiene	54	1.792	1.792	0.000	96	2734197	500.0	524.3	
6 Bromomethane	94	2.036	2.048	-0.012	100	1731432	500.0	499.7	
7 Chloroethane	64	2.121	2.145	-0.024	100	1912122	500.0	468.8	
8 Dichlorofluoromethane	67	2.315	2.322	-0.007	98	4383894	500.0	488.7	
9 Trichlorofluoromethane	101	2.322	2.334	-0.012	99	3614958	500.0	510.5	
10 Pentane	72	2.388	2.376	0.012	95	776204	1000.0	829.0	
11 Ethanol	46	2.577	2.534	0.043	96	937287	25000	23971	M
12 Ethyl ether	59	2.583	2.577	0.006	91	2052586	500.0	475.9	
13 2-Methyl-1,3-butadiene	53	2.601	2.589	0.012	98	2378091	500.0	490.0	
14 1,2-Dichloro-1,1,2-trifluo	117	2.626	2.626	0.000	93	1679649	500.0	471.4	
15 1,1,2-Trichloro-1,2,2-trif	101	2.760	2.747	0.013	96	1885541	500.0	461.8	
16 Acrolein	56	2.760	2.760	0.000	55	124542	400.0	478.6	
17 1,1-Dichloroethene	96	2.784	2.790	-0.006	97	1956344	500.0	468.8	
18 Acetone	43	2.893	2.887	0.006	86	4560284	2500.0	2274.3	
19 Iodomethane	142	2.942	2.948	-0.006	99	1339870	500.0	500.0	
21 Isopropyl alcohol	45	3.021	2.979	0.042	99	1956531	5000.0	4787.1	
20 Carbon disulfide	76	2.979	2.985	-0.006	100	6129678	500.0	489.9	
22 3-Chloro-1-propene	76	3.131	3.125	0.006	89	997777	500.0	492.9	
23 Cyclopentene	67	3.149	3.143	0.006	73	5646746	500.0	496.6	
24 Methyl acetate	43	3.149	3.143	0.006	96	10770299	2500.0	2426.1	
25 Acetonitrile	41	3.210	3.204	0.006	96	4738657	5000.0	6065.8	
* 26 TBA-d9 (IS)	65	3.301	3.252	0.049	90	528294	1000.0	1000.0	
27 Methylene Chloride	84	3.265	3.265	-0.001	96	2001064	500.0	461.7	
28 2-Methyl-2-propanol	59	3.368	3.325	0.043	99	2585361	5000.0	4999.4	
29 Methyl tert-butyl ether	73	3.441	3.429	0.012	97	5638700	500.0	478.2	
30 trans-1,2-Dichloroethene	96	3.471	3.459	0.012	96	1968215	500.0	473.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.563	3.550	0.013	88	8746155	5000.0	4996.2	
32 Hexane	43	3.636	3.630	0.006	93	2225717	500.0	516.6	
33 Isopropyl ether	45	3.873	3.861	0.012	94	6926873	500.0	461.5	
34 1,1-Dichloroethane	63	3.909	3.897	0.012	100	3994046	500.0	478.6	
35 Vinyl acetate	43	3.928	3.922	0.006	100	4685043	1000.0	1083.0	
36 Allyl alcohol	57	3.970	3.928	0.042	98	1422684	12500	13494	
37 2-Chloro-1,3-butadiene	88	3.952	3.946	0.006	93	1945001	500.0	501.6	
38 Tert-butyl ethyl ether	59	4.220	4.214	0.006	91	6239007	500.0	485.0	
* 164 2-Butanone-d5	46	4.457	4.439	0.018	93	589943	250.0	250.0	
39 2,2-Dichloropropane	79	4.463	4.445	0.018	98	671388	500.0	325.2	
40 cis-1,2-Dichloroethene	96	4.487	4.475	0.012	95	2150958	500.0	489.3	
41 2-Butanone (MEK)	72	4.518	4.506	0.012	96	1527254	2500.0	2290.6	
42 Ethyl acetate	70	4.518	4.512	0.006	100	494919	1000.0	942.8	
43 Methyl acrylate	55	4.572	4.566	0.006	100	2460246	500.0	562.8	
44 Propionitrile	54	4.670	4.658	0.012	98	4033822	5000.0	5651.5	
45 Tetrahydrofuran	72	4.743	4.725	0.018	96	682799	1000.0	959.8	
46 Chlorobromomethane	128	4.743	4.737	0.006	92	933547	500.0	499.4	
47 Methacrylonitrile	67	4.791	4.773	0.018	79	9327498	5000.0	4823.4	
48 Chloroform	83	4.810	4.792	0.018	98	3478873	500.0	473.2	
49 Cyclohexane	56	4.937	4.925	0.012	94	3889229	500.0	516.9	
50 1,1,1-Trichloroethane	97	4.962	4.950	0.012	99	3004398	500.0	489.7	
\$ 51 Dibromofluoromethane (Surr	113	4.986	4.974	0.012	97	136055	50.0	47.5	
52 Carbon tetrachloride	117	5.090	5.084	0.006	98	2726629	500.0	528.5	
53 1,1-Dichloropropene	75	5.132	5.126	0.006	94	2986460	500.0	512.4	
54 Isobutyl alcohol	43	5.315	5.278	0.037	94	4601836	12500	12153	
55 Benzene	78	5.357	5.351	0.006	98	7383006	500.0	441.6	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.388	5.376	0.012	49	189636	50.0	49.5	
57 Tert-amyl methyl ether	73	5.436	5.436	0.000	90	7313294	500.0	601.1	
58 Isopropyl acetate	43	5.442	5.436	0.006	97	7748248	500.0	561.9	
59 1,2-Dichloroethane	62	5.479	5.461	0.018	95	2701340	500.0	445.9	
60 n-Heptane	57	5.540	5.534	0.006	95	1535417	500.0	499.8	
* 61 Fluorobenzene	96	5.692	5.686	0.006	98	574825	50.0	50.0	
62 2,4,4-Trimethyl-1-pentene	57	5.941	5.941	0.000	85	10548324	1000.0	998.7	
64 n-Butanol	56	6.093	6.057	0.036	92	2156402	12500	13560	
65 Trichloroethene	95	6.099	6.093	0.006	98	2222362	500.0	506.4	
66 Methylcyclohexane	83	6.239	6.227	0.012	87	3671850	500.0	500.0	
63 Ethyl acrylate	55	6.252	6.245	0.007	99	6980841	500.0	595.7	
67 1,2-Dichloropropane	63	6.416	6.410	0.006	88	2561102	500.0	533.2	
* 68 1,4-Dioxane-d8	96	6.489	6.471	0.018	94	60604	1000.0	1000.0	
69 Methyl methacrylate	100	6.513	6.507	0.006	92	1416219	1000.0	1126.8	
70 1,4-Dioxane	88	6.544	6.525	0.019	86	653898	10000	9186.1	
71 Dibromomethane	93	6.550	6.544	0.006	97	1089025	500.0	433.6	
72 n-Propyl acetate	43	6.568	6.568	0.000	99	4372374	500.0	560.6	
73 Dichlorobromomethane	83	6.702	6.696	0.006	99	2696496	500.0	493.3	
74 2-Nitropropane	41	7.024	7.018	0.006	82	1570475	1000.0	1200.7	
75 2-Chloroethyl vinyl ether	63	7.024	7.024	0.000	69	1505379	500.0	507.8	
76 Epichlorohydrin	57	7.121	7.109	0.012	99	4124851	10000	7412.7	
77 cis-1,3-Dichloropropene	75	7.164	7.158	0.006	96	3302334	500.0	470.5	
78 4-Methyl-2-pentanone (MIBK	43	7.310	7.304	0.006	83	10340568	2500.0	1849.6	
\$ 79 Toluene-d8 (Surr)	98	7.365	7.365	0.000	99	618463	50.0	50.8	
80 Toluene	91	7.432	7.426	0.006	96	7149604	500.0	399.4	
81 trans-1,3-Dichloropropene	75	7.712	7.706	0.006	98	3020102	500.0	510.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 Ethyl methacrylate	69	7.736	7.730	0.006	93	3035979	500.0	547.5	
83 1,1,2-Trichloroethane	83	7.870	7.870	0.000	95	1551407	500.0	483.4	
84 Tetrachloroethene	166	7.900	7.900	0.000	94	2070047	500.0	478.5	
85 1,3-Dichloropropane	76	8.028	8.022	0.006	96	3529041	500.0	515.1	
86 2-Hexanone	43	8.077	8.064	0.013	86	8152162	2500.0	2118.9	
87 n-Butyl acetate	73	8.150	8.150	0.000	98	657149	500.0	602.1	
88 Chlorodibromomethane	129	8.192	8.186	0.006	98	2146050	500.0	545.4	
89 Ethylene Dibromide	107	8.302	8.296	0.006	99	1952153	500.0	511.4	
* 90 Chlorobenzene-d5	117	8.661	8.661	0.000	88	473011	50.0	50.0	
91 Chlorobenzene	112	8.685	8.679	0.006	88	4820767	500.0	429.8	
92 Ethylbenzene	106	8.746	8.740	0.006	93	2863313	500.0	475.2	
93 1,1,1,2-Tetrachloroethane	131	8.758	8.752	0.006	95	1879207	500.0	506.4	
94 m-Xylene & p-Xylene	106	8.843	8.837	0.006	91	3652710	500.0	500.6	
95 n-Butyl acrylate	73	9.135	9.135	0.000	99	1691670	500.0	524.1	
96 o-Xylene	106	9.166	9.160	0.006	96	3294085	500.0	456.9	
97 Styrene	104	9.184	9.184	0.000	90	5750762	500.0	465.5	
98 Amyl acetate (mixed isomer	43	9.305	9.306	-0.001	93	4694302	500.0	561.2	
99 Bromoform	173	9.354	9.348	0.006	95	1608643	500.0	619.5	
100 Isopropylbenzene	105	9.439	9.433	0.006	95	7281891	500.0	415.3	
\$ 101 4-Bromofluorobenzene	174	9.597	9.591	0.006	89	179138	50.0	50.4	
102 Camphene	41	9.610	9.610	0.000	97	833688	500.0	494.1	
103 Bromobenzene	156	9.707	9.701	0.006	95	2159620	500.0	504.0	
104 1,1,2,2-Tetrachloroethane	83	9.725	9.719	0.006	98	2545721	500.0	528.0	
105 N-Propylbenzene	91	9.750	9.744	0.006	93	7731708	500.0	379.1	
106 1,2,3-Trichloropropane	110	9.768	9.762	0.006	96	742738	500.0	519.7	
107 trans-1,4-Dichloro-2-buten	53	9.774	9.768	0.006	90	890073	500.0	564.2	
108 4-Ethyltoluene	105	9.835	9.829	0.006	91	6785204	500.0	408.7	
109 2-Chlorotoluene	91	9.835	9.835	0.000	96	5855869	500.0	430.3	
110 1,3,5-Trimethylbenzene	105	9.883	9.877	0.006	95	5719931	500.0	417.5	
111 4-Chlorotoluene	91	9.926	9.920	0.006	95	5345991	500.0	430.9	
112 Butyl Methacrylate	87	9.944	9.938	0.006	95	2646336	500.0	536.7	
113 tert-Butylbenzene	119	10.115	10.109	0.006	89	5157488	500.0	430.7	
114 1,2,4-Trimethylbenzene	105	10.157	10.157	0.000	94	6117392	500.0	433.0	
115 sec-Butylbenzene	105	10.273	10.273	0.000	92	6620621	500.0	400.3	
116 4-Isopropyltoluene	119	10.376	10.370	0.006	94	6230096	500.0	431.9	
117 1,3-Dichlorobenzene	146	10.388	10.388	0.000	90	3747609	500.0	489.1	
* 118 1,4-Dichlorobenzene-d4	152	10.443	10.437	0.006	95	236443	50.0	50.0	
119 1,4-Dichlorobenzene	146	10.461	10.455	0.006	89	3786636	500.0	490.4	
120 Benzyl chloride	91	10.565	10.559	0.006	98	4402571	500.0	499.3	
121 2,3-Dihydroindene	117	10.620	10.613	0.007	95	5704769	500.0	398.9	
122 p-Diethylbenzene	119	10.650	10.644	0.006	91	4066421	500.0	462.9	
123 n-Butylbenzene	91	10.668	10.662	0.006	95	6803184	500.0	425.7	
124 1,2-Dichlorobenzene	146	10.729	10.729	0.000	91	3211384	500.0	459.5	
125 1,2,4,5-Tetramethylbenzene	119	11.204	11.198	0.006	97	5119057	500.0	432.2	
126 1,2-Dibromo-3-Chloropropan	75	11.295	11.295	0.000	96	498743	500.0	569.2	
127 1,3,5-Trichlorobenzene	180	11.404	11.404	0.000	96	2239553	500.0	459.3	
128 Camphor	95	11.848	11.842	0.006	96	1340756	2500.0	2674.6	
129 1,2,4-Trichlorobenzene	180	11.921	11.921	0.000	94	2006143	500.0	474.1	
130 Hexachlorobutadiene	225	12.007	12.007	0.000	94	808771	500.0	466.1	
131 Naphthalene	128	12.159	12.159	0.000	97	5230007	500.0	481.9	
132 1,2,3-Trichlorobenzene	180	12.384	12.378	0.006	95	1668108	500.0	487.8	
S 133 1,2-Dichloroethene, Total	100				0		1000.0	963.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 Xylenes, Total	100				0		1000.0	957.5	
S 135 Total BTEX	1				0			2273.6	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

MIX 2 Hi_00028	Amount Added: 50.00	Units: uL	
8260 MIX3 HI_00012	Amount Added: 50.00	Units: uL	
ACROLEIN W_00036	Amount Added: 40.00	Units: uL	
GAS Hi_00093	Amount Added: 50.00	Units: uL	
MIX I Hi_00038	Amount Added: 50.00	Units: uL	
8260ISSUR50_00012	Amount Added: 5.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\EDICHRON\ChromData\CVOAMS3\20150412-26140.b\C06938.D

Injection Date: 12-Apr-2015 21:56:30

Instrument ID: CVOAMS3

Operator ID: VOA GC/MS3

Lims ID: STD500

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

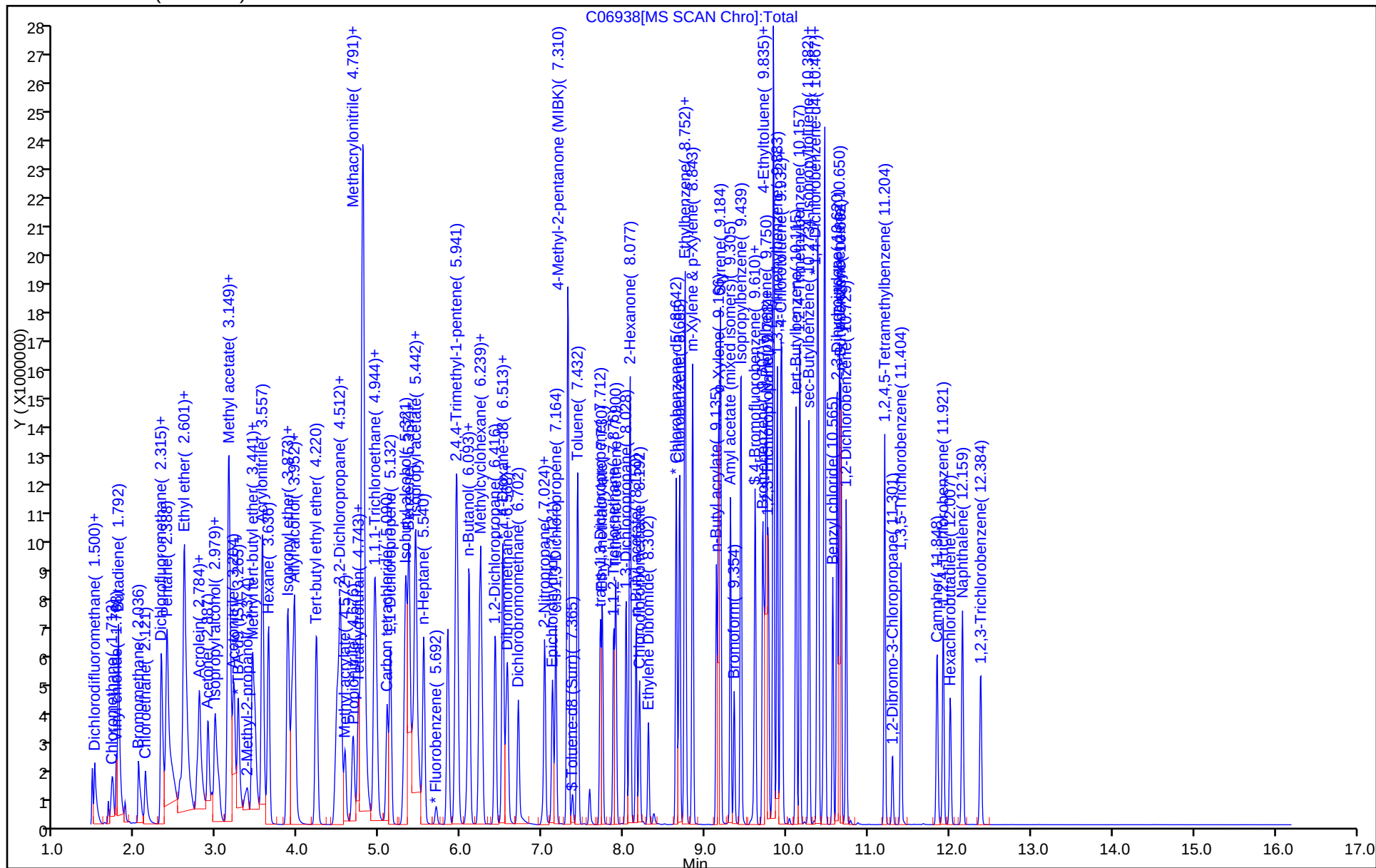
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



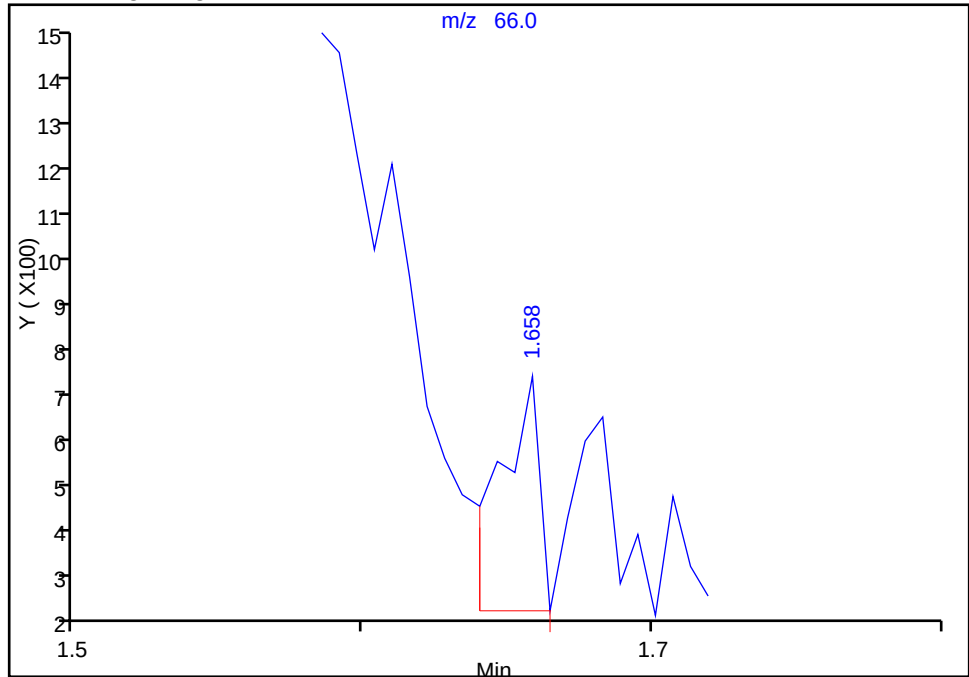
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS3\20150412-26140.b\C06938.D
Injection Date: 12-Apr-2015 21:56:30 Instrument ID: CVOAMS3
Lims ID: STD500
Client ID:
Operator ID: VOA GC/MS3 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_3 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Chlorotrifluoroethene, CAS: 79-38-9

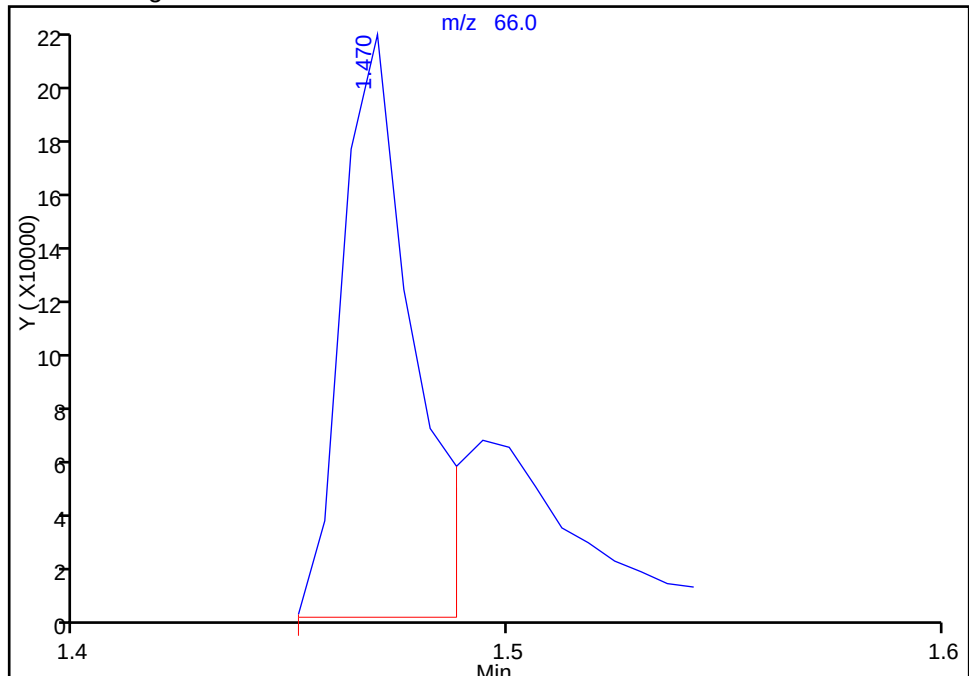
RT: 1.66
Area: 495
Amount: 3.331287
Amount Units: ug/l

Processing Integration Results



RT: 1.47
Area: 243621
Amount: 499.7476
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 13-Apr-2015 09:00:16
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

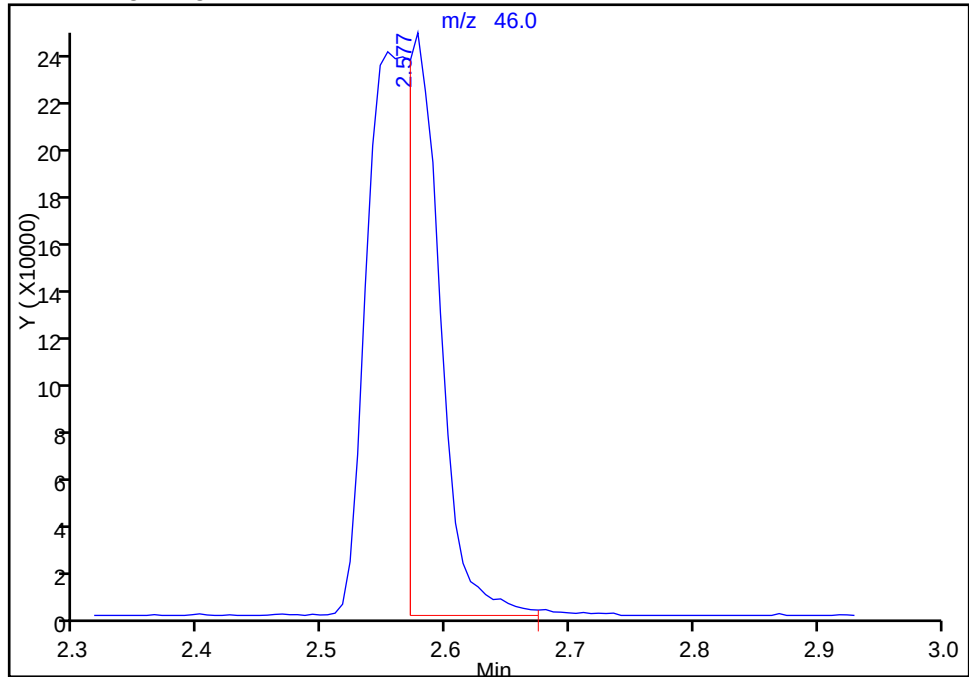
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS3\20150412-26140.b\C06938.D
Injection Date: 12-Apr-2015 21:56:30 Instrument ID: CVOAMS3
Lims ID: STD500
Client ID:
Operator ID: VOA GC/MS3 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_3 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

11 Ethanol, CAS: 64-17-5

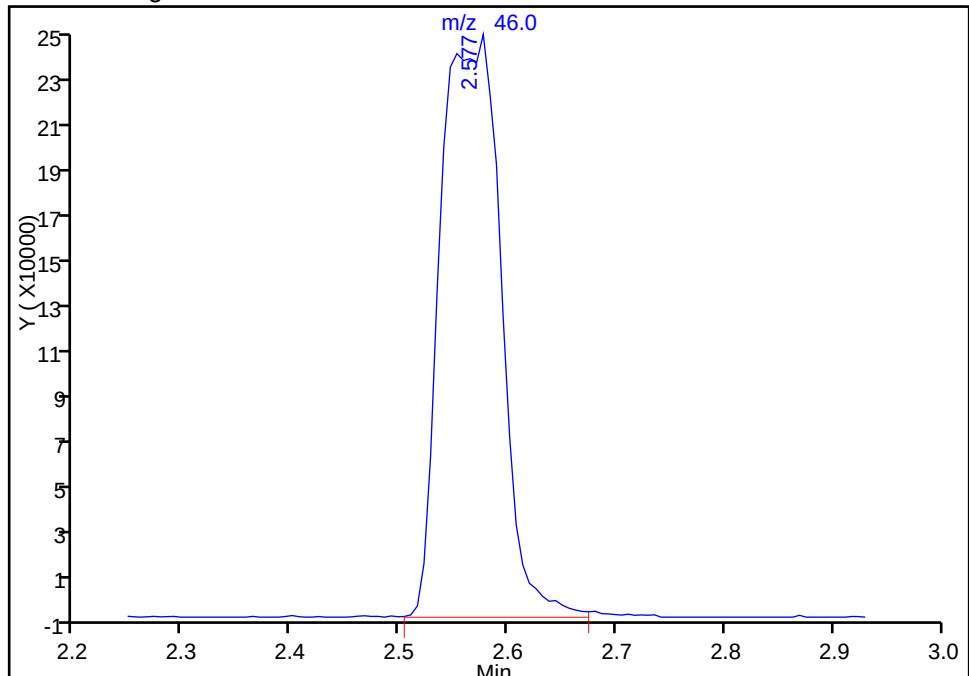
RT: 2.58
Area: 441162
Amount: 12610
Amount Units: ug/l

Processing Integration Results



RT: 2.58
Area: 937287
Amount: 23971
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 13-Apr-2015 09:00:16
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS3\20150412-26140.b\C06941.D
 Lims ID: STD7
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 12-Apr-2015 23:12:30 ALS Bottle#: 10 Worklist Smp#: 11
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD7
 Misc. Info.: 460-0026140-011
 Operator ID: VOA GC/MS3 Instrument ID: CVOAMS3
 Sublist: chrom-8260W_3*sub17
 Method: \\EDICHROM\ChromData\CVOAMS3\20150412-26140.b\8260W_3.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 13-Apr-2015 10:00:01 Calib Date: 12-Apr-2015 23:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\CVOAMS3\20150412-26140.b\C06941.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK021

First Level Reviewer: delpolitov

Date: 13-Apr-2015 09:01:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.246	3.252	-0.006	87	570284	1000.0	1000.0	
31 Acrylonitrile	53	3.551	3.550	0.001	89	10982	2.00	6.31	
* 164 2-Butanone-d5	46	4.439	4.439	0.000	100	531081	250.0	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.974	4.974	0.000	94	130914	50.0	50.0	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.376	5.376	0.000	91	172552	50.0	49.2	
* 61 Fluorobenzene	96	5.692	5.686	0.006	98	525741	50.0	50.0	
* 68 1,4-Dioxane-d8	96	6.471	6.471	0.000	96	56022	1000.0	1000.0	
76 Epichlorohydrin	57	7.109	7.109	0.000	97	3057	5.00	6.10	
\$ 79 Toluene-d8 (Surr)	98	7.365	7.365	0.000	99	541546	50.0	49.3	
* 90 Chlorobenzene-d5	117	8.661	8.661	0.000	87	427045	50.0	50.0	
\$ 101 4-Bromofluorobenzene	174	9.592	9.591	0.001	89	164234	50.0	48.8	
* 118 1,4-Dichlorobenzene-d4	152	10.437	10.437	0.000	97	223997	50.0	50.0	

Reagents:

GAS Hi_00093	Amount Added: 0.00	Units: uL
MIX I Hi_00038	Amount Added: 0.00	Units: uL
MIX 2 Hi_00028	Amount Added: 0.00	Units: uL
8260 MIX3 HI_00012	Amount Added: 0.00	Units: uL
ACRY/EPIH MIX_00009	Amount Added: 2.00	Units: uL
ACROLEIN W_00036	Amount Added: 0.00	Units: uL
8260ISSUR50_00012	Amount Added: 5.00	Units: uL

Run Reagent

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS3\20150412-26140.b\C06941.D

Injection Date: 12-Apr-2015 23:12:30

Instrument ID: CVOAMS3

Operator ID: VOA GC/MS3

Lims ID: STD7

Worklist Smp#: 11

Client ID:

Purge Vol: 5.000 mL

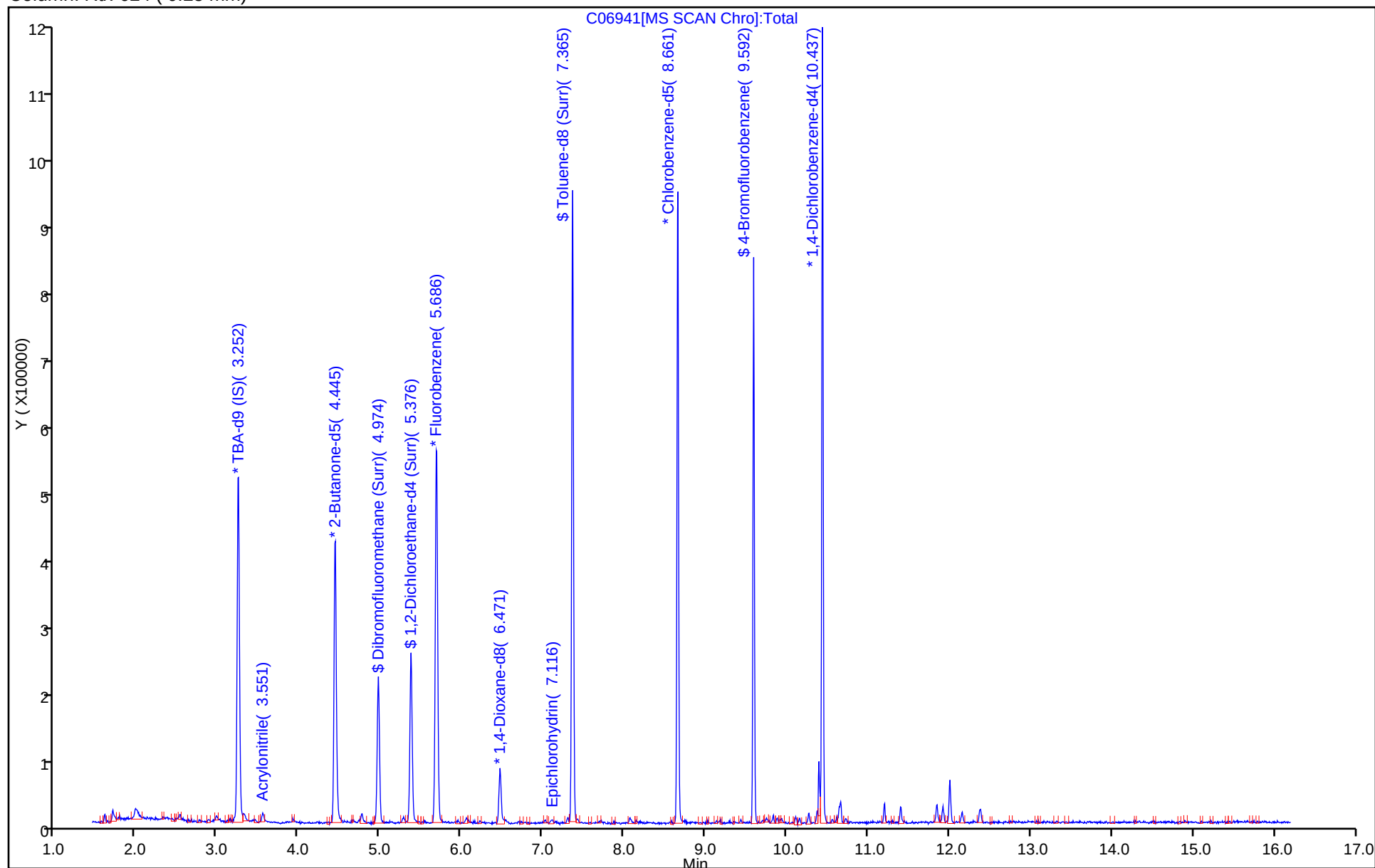
Dil. Factor: 1.0000

ALS Bottle#: 10

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Lab Sample ID: CCVIS 460-300464/2 Calibration Date: 05/22/2015 20:46

Instrument ID: CVOAMS3 Calib Start Date: 04/12/2015 19:49

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 04/12/2015 23:12

Lab File ID: C08856.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.4005	0.6044	0.1000	30.2	20.0	50.9*	20.0
Chloromethane	Ave	0.4611	0.6026	0.1000	26.1	20.0	30.7*	20.0
Vinyl chloride	Ave	0.4944	0.6222	0.1000	25.2	20.0	25.8*	20.0
Butadiene	Ave	0.4536	0.5736		25.3	20.0	26.4*	20.0
Bromomethane	QuaF	0.2069	0.1279	0.1000	11.0	20.0	-45.0	50.0
Chloroethane	Ave	0.3548	0.3860	0.1000	21.8	20.0	8.8	50.0
Dichlorofluoromethane	Ave	0.7804	0.8934		22.9	20.0	14.5	20.0
Trichlorofluoromethane	Ave	0.6159	0.7037	0.1000	22.8	20.0	14.2	20.0
Pentane	Ave	0.0814	0.0691		33.9	40.0	-15.2	20.0
Ethanol	Ave	0.0740	0.0590		638	800	-20.2	50.0
Ethyl ether	Ave	0.3751	0.2966		15.8	20.0	-20.9*	20.0
2-Methyl-1,3-butadiene	Ave	0.4221	0.3311		15.7	20.0	-21.6*	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3099	0.2544		16.4	20.0	-17.9	20.0
1,1,2-Trichloro-1,2,2-trifluoro ethane	Ave	0.3552	0.3222	0.1000	18.1	20.0	-9.3	20.0
Acrolein	Ave	0.0226	0.0185		32.7	40.0	-18.4	50.0
1,1-Dichloroethene	Ave	0.3630	0.2994	0.1000	16.5	20.0	-17.5	20.0
Isopropyl alcohol	Ave	0.7736	0.0540		14.0	200	-93.0*	50.0
Acetone	Ave	0.8497	0.7264	0.0500	85.5	100	-14.5	50.0
Iodomethane	QuaF	0.1588	0.0796		9.16	20.0	-54.2*	20.0
Carbon disulfide	Ave	1.088	0.9438	0.1000	17.3	20.0	-13.3	50.0
Allyl chloride	Ave	0.1761	0.1702		19.3	20.0	-3.3	20.0
Cyclopentene	Ave	0.9890	0.9834		19.9	20.0	-0.6	20.0
Methyl acetate	Ave	0.3862	0.3897	0.1000	101	100	0.9	20.0
Acetonitrile	Ave	0.0680	0.0705		208	200	3.8	20.0
Methylene Chloride	Ave	0.3770	0.3475	0.1000	18.4	20.0	-7.8	20.0
2-Methyl-2-propanol	QuaF	1.170	1.064		199	200	-0.6	50.0
Methyl tert-butyl ether	Ave	1.026	0.9523	0.1000	18.6	20.0	-7.2	20.0
trans-1,2-Dichloroethene	Ave	0.3614	0.3421	0.1000	18.9	20.0	-5.3	20.0
Acrylonitrile	QuaF		0.1619		196	200	-1.9	20.0
Hexane	Ave	0.3748	0.3924		20.9	20.0	4.7	20.0
Isopropyl ether	Ave	1.306	1.311		20.1	20.0	0.4	20.0
1,1-Dichloroethane	Ave	0.7258	0.6811	0.2000	18.8	20.0	-6.2	20.0
Vinyl acetate	Ave	0.3763	0.3179		33.8	40.0	-15.5	20.0
Allyl alcohol	Ave	0.1996	0.1847		463	500	-7.5	50.0
2-Chloro-1,3-butadiene	Ave	0.3373	0.3100		18.4	20.0	-8.1	20.0
Tert-butyl ethyl ether	Ave	1.119	1.072		19.2	20.0	-4.2	20.0
2,2-Dichloropropane	Ave	0.1796	0.1644		18.3	20.0	-8.4	20.0
cis-1,2-Dichloroethene	Ave	0.3824	0.3741	0.1000	19.6	20.0	-2.2	20.0
2-Butanone	Ave	0.2826	0.2635	0.0500	93.3	100	-6.7	50.0
Ethyl acetate	Ave	0.2225	0.1973		35.5	40.0	-11.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Lab Sample ID: CCVIS 460-300464/2 Calibration Date: 05/22/2015 20:46

Instrument ID: CVOAMS3 Calib Start Date: 04/12/2015 19:49

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 04/12/2015 23:12

Lab File ID: C08856.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methyl acrylate	Ave	0.3802	0.3764		19.8	20.0	-1.0	20.0
Propionitrile	Ave	0.0621	0.0609		196	200	-1.9	20.0
Tetrahydrofuran	Ave	0.3015	0.2896		38.4	40.0	-4.0	20.0
Bromochloromethane	Ave	0.1626	0.1407		17.3	20.0	-13.5	20.0
Methacrylonitrile	Ave	0.1682	0.1662		198	200	-1.2	20.0
Chloroform	Ave	0.6395	0.6099	0.2000	19.1	20.0	-4.6	20.0
Cyclohexane	Ave	0.6545	0.6657	0.1000	20.3	20.0	1.7	50.0
1,1,1-Trichloroethane	Ave	0.5336	0.4815	0.1000	18.0	20.0	-9.8	20.0
Carbon tetrachloride	Ave	0.4488	0.3920	0.1000	17.5	20.0	-12.7	20.0
1,1-Dichloropropene	Ave	0.5070	0.4675		18.4	20.0	-7.8	20.0
Isobutyl alcohol	Ave	0.7168	0.7391		516	500	3.1	50.0
Benzene	Ave	1.767	1.901	0.5000	21.5	20.0	7.6	20.0
Tert-amyl methyl ether	Ave	1.058	0.9683		18.3	20.0	-8.5	20.0
Isopropyl acetate	Ave	1.199	1.132		18.9	20.0	-5.6	20.0
1,2-Dichloroethane	Ave	0.5270	0.4719	0.1000	17.9	20.0	-10.5	20.0
n-Heptane	QuaF	0.2506	0.2564		16.0	20.0	-19.8	20.0
2,4,4-Trimethyl-1-pentene	QuaF	0.9249	0.9461		32.2	40.0	-19.5	20.0
Ethyl acrylate	Ave	1.019	0.5056		9.92	20.0	-50.4*	20.0
n-Butanol	Ave	0.3010	0.2693		447	500	-10.5	50.0
Trichloroethene	Ave	0.3817	0.3462	0.2000	18.1	20.0	-9.3	20.0
Methylcyclohexane	QuaF	0.5658	0.5597	0.1000	17.2	20.0	-14.1	50.0
1,2-Dichloropropane	Ave	0.4178	0.3958	0.1000	18.9	20.0	-5.3	20.0
Methyl methacrylate	Ave	0.1093	0.0971		35.5	40.0	-11.2	20.0
1,4-Dioxane	Ave	1.175	0.9911		338	400	-15.6	50.0
Dibromomethane	Ave	0.2185	0.2177		19.9	20.0	-0.4	20.0
n-Propyl acetate	Ave	0.6784	0.6617		19.5	20.0	-2.5	20.0
Bromodichloromethane	Ave	0.4754	0.4321	0.2000	18.2	20.0	-9.1	20.0
2-Chloroethyl vinyl ether	Ave	0.2578	0.2284		17.7	20.0	-11.4	20.0
2-Nitropropane	Ave	0.1138	0.0931		32.7	40.0	-18.2	20.0
Epichlorohydrin	Ave	0.2358	0.2108		358	400	-10.6	20.0
cis-1,3-Dichloropropene	Ave	0.7420	0.7418	0.2000	20.0	20.0	-0.0	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.369	2.401	0.0500	101	100	1.4	50.0
Toluene	Ave	1.892	1.936	0.4000	20.5	20.0	2.3	20.0
trans-1,3-Dichloropropene	Ave	0.6250	0.6052	0.1000	19.4	20.0	-3.2	50.0
Ethyl methacrylate	Ave	0.4823	0.4299		17.8	20.0	-10.9	20.0
1,1,2-Trichloroethane	Ave	0.3393	0.3606	0.1000	21.3	20.0	6.3	20.0
Tetrachloroethene	Ave	0.4573	0.4567	0.2000	20.0	20.0	-0.1	20.0
1,3-Dichloropropane	Ave	0.7242	0.7451		20.6	20.0	2.9	20.0
2-Hexanone	Ave	1.630	1.692	0.0500	104	100	3.8	50.0
n-Butyl acetate	Ave	0.1154	0.1052		18.2	20.0	-8.9	20.0
Dibromochloromethane	Ave	0.4159	0.4059	0.1000	19.5	20.0	-2.4	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Lab Sample ID: CCVIS 460-300464/2 Calibration Date: 05/22/2015 20:46

Instrument ID: CVOAMS3 Calib Start Date: 04/12/2015 19:49

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 04/12/2015 23:12

Lab File ID: C08856.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromoethane	Ave	0.4035	0.4071	0.1000	20.2	20.0	0.9	20.0
Chlorobenzene	Ave	1.185	1.220	0.5000	20.6	20.0	2.9	20.0
Ethylbenzene	Ave	0.6370	0.6436	0.1000	20.2	20.0	1.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3923	0.3940		20.1	20.0	0.4	20.0
m&p-Xylene	Ave	0.7713	0.7928	0.1000	20.6	20.0	2.8	20.0
n-Butyl acrylate	Ave	0.3412	0.3315		19.4	20.0	-2.8	20.0
o-Xylene	Ave	0.7621	0.7679	0.3000	20.2	20.0	0.8	20.0
Styrene	Ave	1.306	1.337	0.3000	20.5	20.0	2.3	20.0
Amyl acetate (mixed isomers)	Ave	1.769	1.835		20.8	20.0	3.8	20.0
Bromoform	Ave	0.2745	0.2438	0.1000	17.8	20.0	-11.2	20.0
Isopropylbenzene	Ave	1.853	1.952	0.1000	21.1	20.0	5.3	20.0
Camphene	Ave	0.1784	0.1780		20.0	20.0	-0.2	20.0
Bromobenzene	Ave	0.9061	0.9317		20.6	20.0	2.8	20.0
1,1,2,2-Tetrachloroethane	Ave	1.020	1.070	0.3000	21.0	20.0	4.9	20.0
N-Propylbenzene	Ave	4.313	4.752		22.0	20.0	10.2	20.0
1,2,3-Trichloropropane	Ave	0.3022	0.3044		20.1	20.0	0.7	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3336	0.3233		19.4	20.0	-3.1	20.0
2-Chlorotoluene	Ave	2.878	3.195		22.2	20.0	11.0	20.0
4-Ethyltoluene	Ave	3.511	3.995		22.8	20.0	13.8	20.0
1,3,5-Trimethylbenzene	Ave	2.897	3.101		21.4	20.0	7.0	20.0
4-Chlorotoluene	Ave	2.624	2.900		22.1	20.0	10.5	20.0
Butyl Methacrylate	Ave	1.043	1.096		21.0	20.0	5.1	20.0
tert-Butylbenzene	Ave	2.532	2.613		20.6	20.0	3.2	20.0
1,2,4-Trimethylbenzene	Ave	2.987	3.153		21.1	20.0	5.6	20.0
sec-Butylbenzene	Ave	3.498	3.813		21.8	20.0	9.0	20.0
4-Isopropyltoluene	Ave	3.050	3.268		21.4	20.0	7.1	20.0
1,3-Dichlorobenzene	Ave	1.620	1.754	0.6000	21.7	20.0	8.3	20.0
1,4-Dichlorobenzene	Ave	1.633	1.760	0.5000	21.6	20.0	7.8	20.0
Benzyl chloride	QuaF	1.654	1.673		15.6	20.0	-22.2	50.0
Indan	Ave	1.244	1.170		18.8	20.0	-6.0	20.0
p-Diethylbenzene	Ave	1.858	1.942		20.9	20.0	4.6	20.0
n-Butylbenzene	Ave	3.379	3.554		21.0	20.0	5.2	20.0
1,2-Dichlorobenzene	Ave	1.478	1.584	0.4000	21.4	20.0	7.2	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.505	2.647		21.1	20.0	5.7	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1853	0.1737	0.0500	18.7	20.0	-6.3	50.0
1,3,5-Trichlorobenzene	Ave	1.031	1.092		21.2	20.0	5.9	20.0
Camphor	Ave	0.1060	0.0915		86.3	100	-13.7	20.0
1,2,4-Trichlorobenzene	Ave	0.8948	0.9302	0.2000	20.8	20.0	4.0	20.0
Hexachlorobutadiene	Ave	0.3670	0.3982		21.7	20.0	8.5	20.0
Naphthalene	Ave	2.295	2.287		19.9	20.0	-0.4	50.0
1,2,3-Trichlorobenzene	Ave	0.7232	0.7548		20.9	20.0	4.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-300464/2 Calibration Date: 05/22/2015 20:46
 Instrument ID: CVOAMS3 Calib Start Date: 04/12/2015 19:49
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 04/12/2015 23:12
 Lab File ID: C08856.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	QuaF	0.0200			1.00	20.0	-100.0*	20.0
Dibromofluoromethane (Surr)	Ave	0.2489	0.2608		52.4	50.0	4.8	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3335	0.3445		51.6	50.0	3.3	20.0
Toluene-d8 (Surr)	Ave	1.286	1.446		56.2	50.0	12.4	20.0
4-Bromofluorobenzene	Ave	0.7519	0.8168		54.3	50.0	8.6	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08856.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 22-May-2015 20:46:30 ALS Bottle#: 1 Worklist Smp#: 2
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0027731-002
 Operator ID: VOA GC/MS3 Instrument ID: CVOAMS3
 Sublist: chrom-8260W_3*sub26
 Method: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150522-27731.b\8260W_3.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 23-May-2015 07:53:30 Calib Date: 12-Apr-2015 23:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150412-26140.b\C06941.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK016

First Level Reviewer: desais

Date: 23-May-2015 07:09:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.507	1.507	0.000	99	89285	20.0	30.2	
3 Chloromethane	50	1.713	1.713	0.000	99	89022	20.0	26.1	
4 Vinyl chloride	62	1.774	1.774	0.000	98	91922	20.0	25.2	
5 Butadiene	54	1.799	1.799	0.000	95	84735	20.0	25.3	
6 Bromomethane	94	2.060	2.060	0.000	94	18895	20.0	11.0	
7 Chloroethane	64	2.151	2.151	0.000	100	57029	20.0	21.8	
8 Dichlorofluoromethane	67	2.334	2.334	0.000	99	131990	20.0	22.9	
9 Trichlorofluoromethane	101	2.340	2.340	0.000	98	103954	20.0	22.8	
10 Pentane	72	2.383	2.383	0.000	96	20410	40.0	33.9	
11 Ethanol	46	2.541	2.541	0.000	98	11828	800.0	638.1	
12 Ethyl ether	59	2.583	2.583	0.000	97	43824	20.0	15.8	
13 2-Methyl-1,3-butadiene	53	2.602	2.602	0.000	95	48914	20.0	15.7	
14 1,2-Dichloro-1,1,2-trifluo	117	2.638	2.638	0.000	97	37588	20.0	16.4	
15 1,1,2-Trichloro-1,2,2-trif	101	2.760	2.760	0.000	96	47597	20.0	18.1	
16 Acrolein	56	2.772	2.772	0.000	26	5461	40.0	32.7	
17 1,1-Dichloroethene	96	2.796	2.796	0.000	95	44230	20.0	16.5	
21 Isopropyl alcohol	45	2.857	2.857	0.000	96	2704	200.0	14.0	
18 Acetone	43	2.900	2.900	0.000	85	91837	100.0	85.5	
19 Iodomethane	142	2.960	2.960	0.000	98	11764	20.0	9.16	
20 Carbon disulfide	76	2.997	2.997	0.000	100	139434	20.0	17.3	
22 3-Chloro-1-propene	76	3.137	3.137	0.000	86	25146	20.0	19.3	
24 Methyl acetate	43	3.155	3.155	0.000	99	287892	100.0	100.9	
23 Cyclopentene	67	3.155	3.155	0.000	65	145285	20.0	19.9	
25 Acetonitrile	41	3.216	3.216	0.000	99	104168	200.0	207.5	
* 26 TBA-d9 (IS)	65	3.265	3.265	0.000	96	250453	1000.0	1000.0	
27 Methylene Chloride	84	3.277	3.277	0.000	97	51344	20.0	18.4	
28 2-Methyl-2-propanol	59	3.338	3.338	0.000	97	53293	200.0	198.7	
29 Methyl tert-butyl ether	73	3.441	3.441	0.000	98	140682	20.0	18.6	
30 trans-1,2-Dichloroethene	96	3.478	3.478	0.000	97	50533	20.0	18.9	
31 Acrylonitrile	53	3.563	3.563	0.000	94	239160	200.0	196.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	3.642	3.642	0.000	95	57970	20.0	20.9	
33 Isopropyl ether	45	3.879	3.879	0.000	98	193701	20.0	20.1	
34 1,1-Dichloroethane	63	3.916	3.916	0.000	99	100622	20.0	18.8	
35 Vinyl acetate	43	3.934	3.934	0.000	100	93916	40.0	33.8	
36 Allyl alcohol	57	3.946	3.946	0.000	46	23124	500.0	462.6	
37 2-Chloro-1,3-butadiene	88	3.964	3.964	0.000	92	45791	20.0	18.4	
38 Tert-butyl ethyl ether	59	4.232	4.232	0.000	89	158325	20.0	19.2	
* 164 2-Butanone-d5	46	4.457	4.457	0.000	94	316076	250.0	250.0	
39 2,2-Dichloropropane	79	4.463	4.463	0.000	57	24294	20.0	18.3	
40 cis-1,2-Dichloroethene	96	4.494	4.494	0.000	95	55274	20.0	19.6	
41 2-Butanone (MEK)	72	4.518	4.518	0.000	96	33315	100.0	93.3	
42 Ethyl acetate	70	4.524	4.524	0.000	100	9978	40.0	35.5	
43 Methyl acrylate	55	4.579	4.579	0.000	99	55601	20.0	19.8	
44 Propionitrile	54	4.670	4.670	0.000	98	89992	200.0	196.2	
45 Tetrahydrofuran	72	4.743	4.743	0.000	94	14643	40.0	38.4	
46 Chlorobromomethane	128	4.749	4.749	0.000	98	20787	20.0	17.3	
47 Methacrylonitrile	67	4.786	4.786	0.000	96	245490	200.0	197.6	
48 Chloroform	83	4.810	4.810	0.000	98	90108	20.0	19.1	
49 Cyclohexane	56	4.938	4.938	0.000	97	98341	20.0	20.3	
50 1,1,1-Trichloroethane	97	4.968	4.968	0.000	99	71136	20.0	18.0	
\$ 51 Dibromofluoromethane (Surr	113	4.986	4.986	0.000	95	96333	50.0	52.4	
52 Carbon tetrachloride	117	5.096	5.096	0.000	97	57907	20.0	17.5	
53 1,1-Dichloropropene	75	5.138	5.138	0.000	94	69069	20.0	18.4	
54 Isobutyl alcohol	43	5.297	5.297	0.000	95	92557	500.0	515.6	
55 Benzene	78	5.370	5.370	0.000	97	209262	20.0	21.5	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.388	5.388	0.000	95	127221	50.0	51.6	
57 Tert-amyl methyl ether	73	5.443	5.443	0.000	90	143050	20.0	18.3	
58 Isopropyl acetate	43	5.449	5.449	0.000	96	167234	20.0	18.9	
59 1,2-Dichloroethane	62	5.479	5.479	0.000	96	69714	20.0	17.9	
60 n-Heptane	57	5.558	5.558	0.000	96	37873	20.0	16.0	
* 61 Fluorobenzene	96	5.704	5.704	0.000	98	369336	50.0	50.0	
63 Ethyl acrylate	55	5.954	5.954	0.000	51	74694	20.0	9.92	
62 2,4,4-Trimethyl-1-pentene	57	5.954	5.954	0.000	94	279533	40.0	32.2	
64 n-Butanol	56	6.069	6.069	0.000	94	33724	500.0	447.3	
65 Trichloroethene	95	6.112	6.112	0.000	97	51151	20.0	18.1	
66 Methylcyclohexane	83	6.246	6.246	0.000	93	82688	20.0	17.2	
67 1,2-Dichloropropane	63	6.428	6.428	0.000	91	58468	20.0	18.9	
* 68 1,4-Dioxane-d8	96	6.483	6.483	0.000	97	31399	1000.0	1000.0	
69 Methyl methacrylate	100	6.519	6.519	0.000	94	28680	40.0	35.5	
70 1,4-Dioxane	88	6.550	6.550	0.000	30	12448	400.0	337.5	
71 Dibromomethane	93	6.556	6.556	0.000	95	32157	20.0	19.9	
72 n-Propyl acetate	43	6.580	6.580	0.000	99	97759	20.0	19.5	
73 Dichlorobromomethane	83	6.708	6.708	0.000	99	63829	20.0	18.2	
74 2-Nitropropane	41	7.030	7.030	0.000	80	27495	40.0	32.7	
75 2-Chloroethyl vinyl ether	63	7.030	7.030	0.000	73	33746	20.0	17.7	
76 Epichlorohydrin	57	7.122	7.122	0.000	99	106621	400.0	357.6	
77 cis-1,3-Dichloropropene	75	7.170	7.170	0.000	95	81658	20.0	20.0	
78 4-Methyl-2-pentanone (MIBK	43	7.316	7.316	0.000	99	303593	100.0	101.4	
\$ 79 Toluene-d8 (Surr)	98	7.377	7.377	0.000	99	397885	50.0	56.2	
80 Toluene	91	7.438	7.438	0.000	93	213151	20.0	20.5	
81 trans-1,3-Dichloropropene	75	7.718	7.718	0.000	95	66621	20.0	19.4	
82 Ethyl methacrylate	69	7.742	7.742	0.000	94	63503	20.0	17.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	7.876	7.876	0.000	96	39696	20.0	21.3	
84 Tetrachloroethene	166	7.906	7.906	0.000	96	50274	20.0	20.0	
85 1,3-Dichloropropane	76	8.034	8.034	0.000	96	82015	20.0	20.6	
86 2-Hexanone	43	8.077	8.077	0.000	99	213940	100.0	103.8	
87 n-Butyl acetate	73	8.156	8.156	0.000	98	11576	20.0	18.2	
88 Chlorodibromomethane	129	8.198	8.198	0.000	98	44677	20.0	19.5	
89 Ethylene Dibromide	107	8.308	8.308	0.000	100	44812	20.0	20.2	
* 90 Chlorobenzene-d5	117	8.667	8.667	0.000	88	275191	50.0	50.0	
91 Chlorobenzene	112	8.691	8.691	0.000	94	134255	20.0	20.6	
92 Ethylbenzene	106	8.752	8.752	0.000	99	70841	20.0	20.2	
93 1,1,1,2-Tetrachloroethane	131	8.764	8.764	0.000	94	43371	20.0	20.1	
94 m-Xylene & p-Xylene	106	8.849	8.849	0.000	100	87269	20.0	20.6	
95 n-Butyl acrylate	73	9.141	9.141	0.000	97	36486	20.0	19.4	
96 o-Xylene	106	9.172	9.172	0.000	93	84523	20.0	20.2	
97 Styrene	104	9.190	9.190	0.000	95	147119	20.0	20.5	
98 Amyl acetate (mixed isomer	43	9.312	9.312	0.000	88	100568	20.0	20.8	
99 Bromoform	173	9.360	9.360	0.000	95	26835	20.0	17.8	
100 Isopropylbenzene	105	9.446	9.446	0.000	96	214823	20.0	21.1	
\$ 101 4-Bromofluorobenzene	174	9.604	9.604	0.000	90	111895	50.0	54.3	
102 Camphene	41	9.616	9.616	0.000	95	19596	20.0	20.0	
103 Bromobenzene	156	9.713	9.713	0.000	97	51058	20.0	20.6	
104 1,1,2,2-Tetrachloroethane	83	9.732	9.732	0.000	99	58608	20.0	21.0	
105 N-Propylbenzene	91	9.756	9.756	0.000	99	260404	20.0	22.0	
106 1,2,3-Trichloropropane	110	9.774	9.774	0.000	96	16679	20.0	20.1	
107 trans-1,4-Dichloro-2-buten	53	9.780	9.780	0.000	87	17716	20.0	19.4	
108 4-Ethyltoluene	105	9.841	9.841	0.000	98	218909	20.0	22.8	
109 2-Chlorotoluene	91	9.841	9.841	0.000	96	175063	20.0	22.2	
110 1,3,5-Trimethylbenzene	105	9.890	9.890	0.000	93	169930	20.0	21.4	
111 4-Chlorotoluene	91	9.932	9.932	0.000	97	158933	20.0	22.1	
112 Butyl Methacrylate	87	9.944	9.944	0.000	97	60069	20.0	21.0	
113 tert-Butylbenzene	119	10.121	10.121	0.000	95	143177	20.0	20.6	
114 1,2,4-Trimethylbenzene	105	10.163	10.163	0.000	97	172806	20.0	21.1	
115 sec-Butylbenzene	105	10.279	10.279	0.000	99	208927	20.0	21.8	
116 4-Isopropyltoluene	119	10.382	10.382	0.000	98	179067	20.0	21.4	
117 1,3-Dichlorobenzene	146	10.395	10.395	0.000	94	96134	20.0	21.7	
* 118 1,4-Dichlorobenzene-d4	152	10.449	10.449	0.000	94	136997	50.0	50.0	
119 1,4-Dichlorobenzene	146	10.462	10.462	0.000	94	96457	20.0	21.6	
120 Benzyl chloride	91	10.571	10.571	0.000	98	91651	20.0	15.6	
121 2,3-Dihydroindene	117	10.620	10.620	0.000	94	172854	20.0	18.8	
122 p-Diethylbenzene	119	10.650	10.650	0.000	91	106437	20.0	20.9	
123 n-Butylbenzene	91	10.668	10.668	0.000	98	194735	20.0	21.0	
124 1,2-Dichlorobenzene	146	10.735	10.735	0.000	95	86820	20.0	21.4	
125 1,2,4,5-Tetramethylbenzene	119	11.210	11.210	0.000	98	145030	20.0	21.1	
126 1,2-Dibromo-3-Chloropropan	75	11.307	11.307	0.000	94	9518	20.0	18.7	
127 1,3,5-Trichlorobenzene	180	11.411	11.411	0.000	97	59814	20.0	21.2	
128 Camphor	95	11.855	11.855	0.000	95	25065	100.0	86.3	
129 1,2,4-Trichlorobenzene	180	11.928	11.928	0.000	94	50974	20.0	20.8	
130 Hexachlorobutadiene	225	12.019	12.019	0.000	95	21821	20.0	21.7	
131 Naphthalene	128	12.165	12.165	0.000	99	125308	20.0	19.9	
132 1,2,3-Trichlorobenzene	180	12.390	12.390	0.000	96	41361	20.0	20.9	
S 133 1,2-Dichloroethene, Total	100				0		40.0	38.5	
S 134 Xylenes, Total	100				0		40.0	40.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

S 135 Total BTEX

1

0

100.0

102.9

Reagents:

ACROLEIN W_00037

Amount Added: 4.00

Units: uL

GASES Li_00103

Amount Added: 20.00

Units: uL

8260MIX1COMB_00022

Amount Added: 20.00

Units: uL

8260ISSUR50_00015

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNAIG2\\Edison\\ChromData\\CVOAMS3\\20150522-27731.b\\C08856.D

Injection Date: 22-May-2015 20:46:30

Instrument ID: CVOAMS3

Operator ID: VOA GC/MS3

Lims ID: CCVIS

Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL

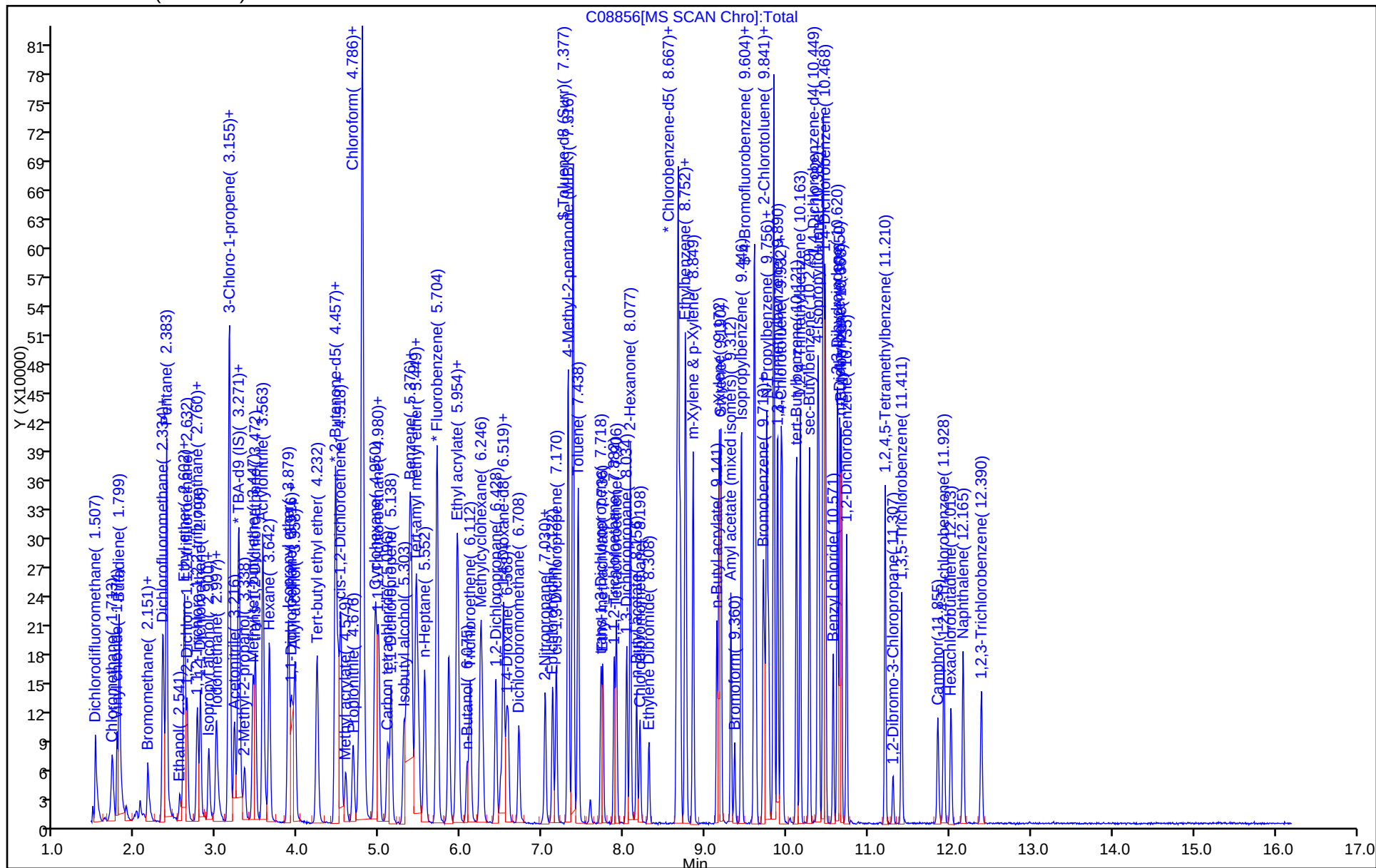
Dil. Factor: 1.0000

ALS Bottle#: 1

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS3\20150412-26140.b\C06931.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 12-Apr-2015 19:02:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0026140-001
Operator ID: VOA GC/MS3 Instrument ID: CVOAMS3
Method: \\EDICHROM\ChromData\CVOAMS3\20150412-26140.b\8260W_3.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 13-Apr-2015 08:40:34 Calib Date: 12-Apr-2015 23:12:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS3\20150412-26140.b\C06941.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: delpolitov

Date: 13-Apr-2015 08:40:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

\$ 137 BFB	95	4.328	4.328	0.000	81	21426	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_00006

Amount Added: 1.00

Units: uL

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS3\20150412-26140.b\C06931.D

Injection Date: 12-Apr-2015 19:02:30

Instrument ID: CVOAMS3

Lims ID: BFB

Client ID:

Operator ID: VOA GC/MS3

ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL

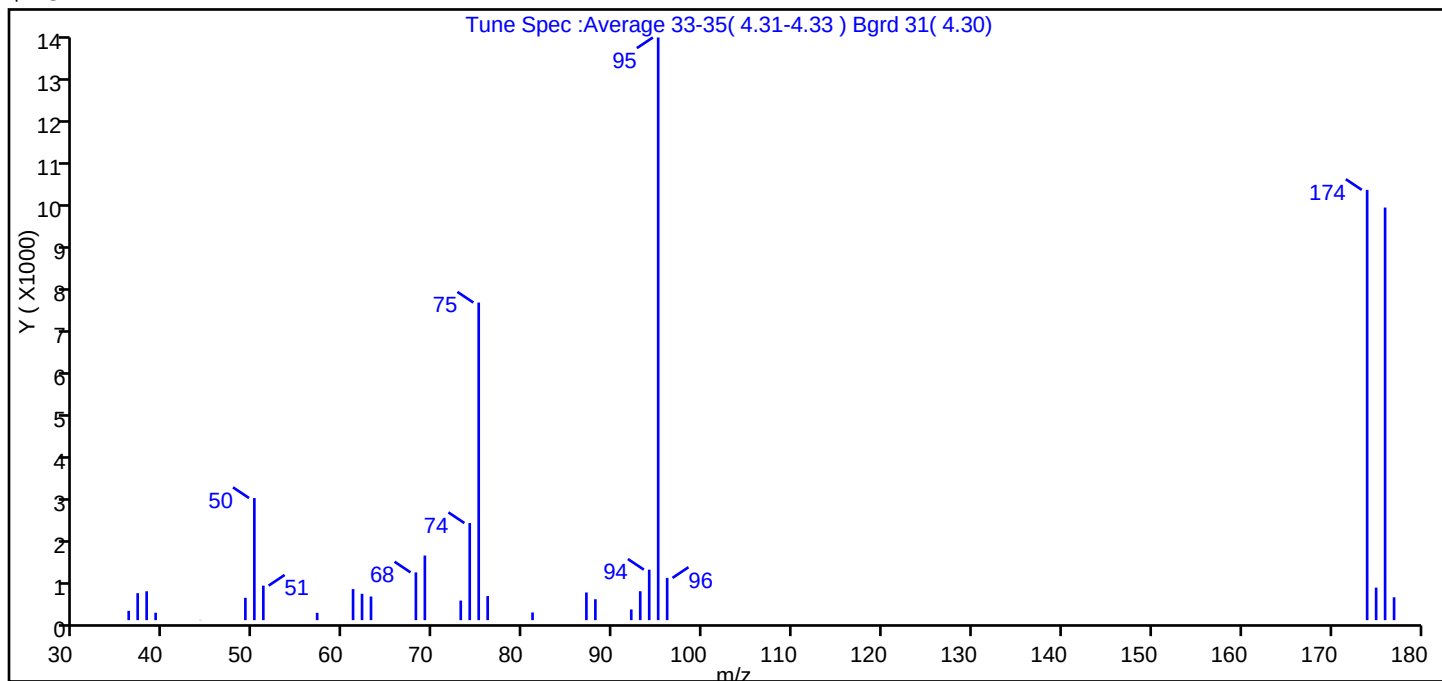
Dil. Factor: 1.0000

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Tune Method: BFB Method 8260

\$ 137 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	21.0
75	30 to 60% of m/z 95	54.5
96	5 to 9% of m/z 95	7.3
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	73.8
175	5 to 9% of m/z 174	5.6 (7.6)
176	Greater than 95% but less than 101% of m/z 174	70.8 (95.9)
177	5 to 9% of m/z 176	3.9 (5.5)

Data File: \\EDICHROM\ChromData\CVOAMS3\20150412-26140.b\C06931.D\8260W_3.rslt\spectra.d
Injection Date: 12-Apr-2015 19:02:30
Spectrum: Tune Spec :Average 33-35(4.31-4.33) Bgrd 31(4.30)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 30

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	223	57.00	175	75.00	7608	95.00	13958
37.00	646	61.00	744	76.00	577	96.00	1012
38.00	692	62.00	632	81.00	184	174.00	10307
39.00	177	63.00	566	87.00	663	175.00	779
44.00	5	68.00	1144	88.00	501	176.00	9884
49.00	535	69.00	1548	92.00	256	177.00	548
50.00	2925	73.00	469	93.00	693		
51.00	827	74.00	2326	94.00	1209		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08855.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 22-May-2015 20:23:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0027731-001
Operator ID: VOA GC/MS3 Instrument ID: CVOAMS3
Method: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150522-27731.b\8260W_3.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 23-May-2015 07:53:29 Calib Date: 12-Apr-2015 23:12:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150412-26140.b\C06941.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: starzecm

Date: 23-May-2015 00:41:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

\$ 137 BFB	95	4.292	4.292	0.000	91	100597	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_00006

Amount Added: 1.00

Units: uL

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08855.D

Injection Date: 22-May-2015 20:23:30

Instrument ID: CVOAMS3

Lims ID: BFB

Client ID:

Operator ID: VOA GC/MS3

ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL

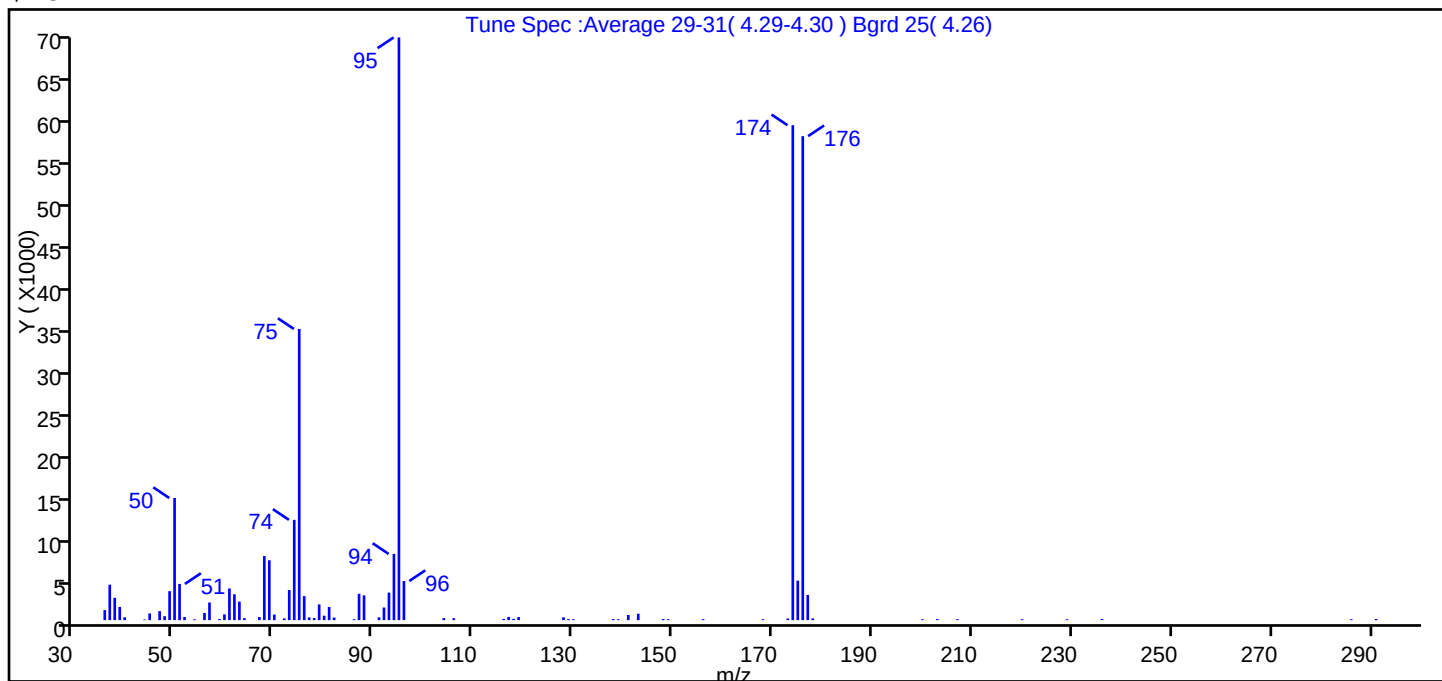
Dil. Factor: 1.0000

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Tune Method: BFB Method 8260

\$ 137 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	21.0
75	30 to 60% of m/z 95	50.0
96	5 to 9% of m/z 95	6.7
173	Less than 2% of m/z 174	0.3 (0.3)
174	50 to 120% of m/z 95	84.9
175	5 to 9% of m/z 174	6.8 (8.0)
176	Greater than 95% but less than 101% of m/z 174	83.1 (97.8)
177	5 to 9% of m/z 176	4.3 (5.2)

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08855.D\8260W_3.rslt\spectra.d
Injection Date: 22-May-2015 20:23:30
Spectrum: Tune Spec :Average 29-31(4.29-4.30) Bgrd 25(4.26)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 77

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1198	63.00	2201	91.00	335	149.00	115
37.00	4219	64.00	235	92.00	1504	156.00	116
38.00	2658	67.00	369	93.00	3274	168.00	110
39.00	1569	68.00	7621	94.00	7875	173.00	193
40.00	346	69.00	7118	95.00	69296	174.00	58864
44.00	75	70.00	665	96.00	4654	175.00	4699
45.00	794	72.00	206	104.00	247	176.00	57560
47.00	1075	73.00	3583	106.00	229	177.00	2994
48.00	471	74.00	11929	116.00	143	178.00	207
49.00	3448	75.00	34632	117.00	382	200.00	105
50.00	14527	76.00	2858	118.00	159	203.00	124
51.00	4307	77.00	329	119.00	366	207.00	109
52.00	370	78.00	253	128.00	334	220.00	109
54.00	100	79.00	1872	129.00	127	229.00	102
56.00	858	80.00	527	130.00	103	236.00	129
57.00	2099	81.00	1568	138.00	123	286.00	110
59.00	131	82.00	310	139.00	108	291.00	139
60.00	686	86.00	111	141.00	615		
61.00	3764	87.00	3135	143.00	764		
62.00	3078	88.00	2946	148.00	140		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-300464/7

Matrix: Water Lab File ID: C08861.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 05/22/2015 22:58

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 300464 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	5.0	U	5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
67-66-3	Chloroform	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-93-3	2-Butanone	5.0	U	5.0	2.2
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	1.0	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-300464/7
 Matrix: Water Lab File ID: C08861.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 05/22/2015 22:58
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 300464 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
110-82-7	Cyclohexane	1.0	U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	50	U	50	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-130
2037-26-5	Toluene-d8 (Surr)	114		70-130
460-00-4	4-Bromofluorobenzene	108		64-135
1868-53-7	Dibromofluoromethane (Surr)	102		72-137

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08861.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 22-May-2015 22:58:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0027731-007
 Operator ID: VOA GC/MS3 Instrument ID: CVOAMS3
 Method: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150522-27731.b\8260W_3.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 23-May-2015 07:53:32 Calib Date: 12-Apr-2015 23:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150412-26140.b\C06941.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK016

First Level Reviewer: desais

Date: 23-May-2015 07:45:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.258	3.265	-0.007	88	254065	1000.0	1000.0	
* 164 2-Butanone-d5	46	4.451	4.451	0.000	100	320183	250.0	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.986	4.986	0.000	94	92674	50.0	51.0	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.388	5.388	0.000	91	125521	50.0	51.6	
* 61 Fluorobenzene	96	5.704	5.704	0.000	98	365001	50.0	50.0	
* 68 1,4-Dioxane-d8	96	6.483	6.483	0.000	96	30330	1000.0	1000.0	
\$ 79 Toluene-d8 (Surr)	98	7.371	7.371	0.000	99	382831	50.0	56.8	
* 90 Chlorobenzene-d5	117	8.667	8.667	0.000	88	262170	50.0	50.0	
\$ 101 4-Bromofluorobenzene	174	9.598	9.598	0.000	88	108505	50.0	54.2	
* 118 1,4-Dichlorobenzene-d4	152	10.443	10.443	0.000	96	133083	50.0	50.0	

Reagents:

8260ISSUR50_00015

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08861.D

Injection Date: 22-May-2015 22:58:30

Instrument ID: CVOAMS3

Operator ID: VOA GC/MS3

Lims ID: MB

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

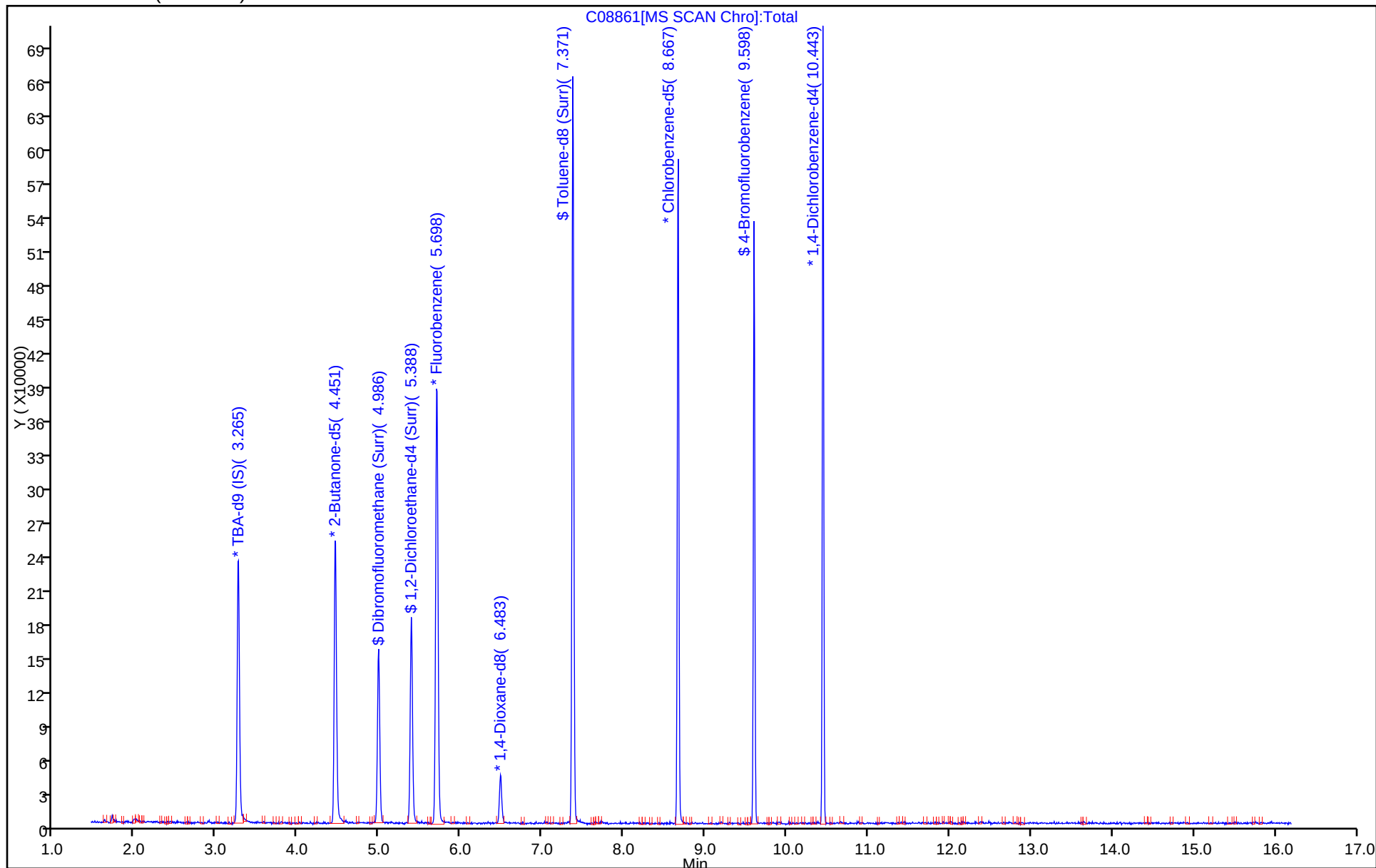
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-300464/3

Matrix: Water Lab File ID: C08857.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 05/22/2015 21:14

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 300464 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	26.2		1.0	0.22
74-83-9	Bromomethane	12.2		1.0	0.18
75-01-4	Vinyl chloride	24.1		1.0	0.060
75-00-3	Chloroethane	21.9		1.0	0.37
75-09-2	Methylene Chloride	16.8		1.0	0.21
67-64-1	Acetone	86.5		5.0	1.1
75-15-0	Carbon disulfide	16.4		1.0	0.22
75-69-4	Trichlorofluoromethane	22.4		1.0	0.15
75-35-4	1,1-Dichloroethene	15.6		1.0	0.34
75-34-3	1,1-Dichloroethane	17.7		1.0	0.24
156-60-5	trans-1,2-Dichloroethene	17.2		1.0	0.18
156-59-2	cis-1,2-Dichloroethene	18.0		1.0	0.26
67-66-3	Chloroform	17.3		1.0	0.22
107-06-2	1,2-Dichloroethane	16.7		1.0	0.25
78-93-3	2-Butanone	90.3		5.0	2.2
71-55-6	1,1,1-Trichloroethane	17.5		1.0	0.28
56-23-5	Carbon tetrachloride	16.9		1.0	0.33
75-27-4	Bromodichloromethane	16.5		1.0	0.15
78-87-5	1,2-Dichloropropane	17.1		1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	18.6		1.0	0.16
79-01-6	Trichloroethene	17.3		1.0	0.22
124-48-1	Dibromochloromethane	17.8		1.0	0.22
79-00-5	1,1,2-Trichloroethane	19.5		1.0	0.080
71-43-2	Benzene	20.1		1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	18.4		1.0	0.19
75-25-2	Bromoform	16.4		1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	91.0		5.0	0.63
591-78-6	2-Hexanone	95.3		5.0	0.72
127-18-4	Tetrachloroethene	19.2		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	19.3		1.0	0.19
108-88-3	Toluene	19.1		1.0	0.25
108-90-7	Chlorobenzene	19.2		1.0	0.24
100-41-4	Ethylbenzene	19.0		1.0	0.30
100-42-5	Styrene	18.4		1.0	0.17
179601-23-1	m&p-Xylene	19.1		1.0	0.28
95-47-6	o-Xylene	18.0		1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-300464/3
 Matrix: Water Lab File ID: C08857.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 05/22/2015 21:14
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 300464 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	17.3		1.0	0.34
1634-04-4	Methyl tert-butyl ether	17.4		1.0	0.13
110-82-7	Cyclohexane	19.5		1.0	0.26
106-93-4	1,2-Dibromoethane	18.8		1.0	0.19
541-73-1	1,3-Dichlorobenzene	19.7		1.0	0.33
106-46-7	1,4-Dichlorobenzene	20.0		1.0	0.33
95-50-1	1,2-Dichlorobenzene	20.1		1.0	0.22
75-71-8	Dichlorodifluoromethane	28.9		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	19.9		1.0	0.27
123-91-1	1,4-Dioxane	393		50	8.7
87-61-6	1,2,3-Trichlorobenzene	21.1		1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	18.2		1.0	0.23
74-97-5	Bromochloromethane	15.5		1.0	0.30
98-82-8	Isopropylbenzene	20.0		1.0	0.32
79-20-9	Methyl acetate	95.1		5.0	0.58
108-87-2	Methylcyclohexane	16.6		1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-130
2037-26-5	Toluene-d8 (Surr)	113		70-130
460-00-4	4-Bromofluorobenzene	107		64-135
1868-53-7	Dibromofluoromethane (Surr)	104		72-137

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08857.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 22-May-2015 21:14:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0027731-003
 Operator ID: VOA GC/MS3 Instrument ID: CVOAMS3
 Method: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150522-27731.b\8260W_3.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 23-May-2015 07:53:32 Calib Date: 12-Apr-2015 23:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150412-26140.b\C06941.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK016

First Level Reviewer: desais

Date: 23-May-2015 07:42:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.507	1.507	0.000	99	90951	20.0	28.9	
3 Chloromethane	50	1.719	1.719	0.000	99	94889	20.0	26.2	
4 Vinyl chloride	62	1.774	1.774	0.000	98	93505	20.0	24.1	
5 Butadiene	54	1.805	1.805	0.000	96	87708	20.0	24.6	
6 Bromomethane	94	2.054	2.054	0.000	95	22327	20.0	12.2	
7 Chloroethane	64	2.151	2.151	0.000	99	61121	20.0	21.9	
8 Dichlorofluoromethane	67	2.334	2.334	0.000	99	136517	20.0	22.3	
9 Trichlorofluoromethane	101	2.340	2.340	0.000	98	108585	20.0	22.4	
10 Pentane	72	2.383	2.383	0.000	97	20162	40.0	31.5	
11 Ethanol	46	2.547	2.547	0.000	100	15187	800.0	731.7	
12 Ethyl ether	59	2.589	2.589	0.000	95	41845	20.0	14.2	
13 2-Methyl-1,3-butadiene	53	2.602	2.602	0.000	97	50290	20.0	15.2	
14 1,2-Dichloro-1,1,2-trifluo	117	2.632	2.632	0.000	91	37006	20.0	15.2	
15 1,1,2-Trichloro-1,2,2-trif	101	2.760	2.760	0.000	96	48209	20.0	17.3	
16 Acrolein	56	2.772	2.772	0.000	33	7114	40.0	40.0	
17 1,1-Dichloroethene	96	2.796	2.796	0.000	95	44337	20.0	15.6	
21 Isopropyl alcohol	45	2.851	2.851	0.000	96	2533	200.0	11.7	
18 Acetone	43	2.900	2.900	0.000	86	105805	100.0	86.5	
19 Iodomethane	142	2.961	2.961	0.000	98	14414	20.0	10.5	
20 Carbon disulfide	76	2.997	2.997	0.000	100	140537	20.0	16.4	
22 3-Chloro-1-propene	76	3.143	3.143	0.000	97	22238	20.0	16.1	
24 Methyl acetate	43	3.155	3.155	0.000	99	288522	100.0	95.1	
23 Cyclopentene	67	3.155	3.155	0.000	78	143232	20.0	18.4	
25 Acetonitrile	41	3.216	3.216	0.000	100	111469	200.0	208.8	
* 26 TBA-d9 (IS)	65	3.265	3.265	0.000	96	280430	1000.0	1000.0	
27 Methylene Chloride	84	3.271	3.271	0.000	98	49882	20.0	16.8	
28 2-Methyl-2-propanol	59	3.338	3.338	0.000	98	59567	200.0	198.4	
29 Methyl tert-butyl ether	73	3.441	3.441	0.000	98	140517	20.0	17.4	
30 trans-1,2-Dichloroethene	96	3.472	3.472	0.000	97	48950	20.0	17.2	
31 Acrylonitrile	53	3.563	3.563	0.000	94	241143	200.0	186.0	
32 Hexane	43	3.642	3.642	0.000	94	58356	20.0	19.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Isopropyl ether	45	3.879	3.879	0.000	98	188090	20.0	18.3	
34 1,1-Dichloroethane	63	3.916	3.916	0.000	99	101001	20.0	17.7	
35 Vinyl acetate	43	3.934	3.934	0.000	100	97753	40.0	33.1	
36 Allyl alcohol	57	3.946	3.946	0.000	54	27620	500.0	493.5	
37 2-Chloro-1,3-butadiene	88	3.958	3.958	0.000	92	48043	20.0	18.1	
38 Tert-butyl ethyl ether	59	4.226	4.226	0.000	88	157103	20.0	17.9	
* 164 2-Butanone-d5	46	4.451	4.451	0.000	97	359976	250.0	250.0	
39 2,2-Dichloropropane	79	4.457	4.457	0.000	56	24347	20.0	17.3	
40 cis-1,2-Dichloroethene	96	4.488	4.488	0.000	97	54204	20.0	18.0	
41 2-Butanone (MEK)	72	4.518	4.518	0.000	96	36756	100.0	90.3	
42 Ethyl acetate	70	4.524	4.524	0.000	100	9840	40.0	30.7	
43 Methyl acrylate	55	4.579	4.579	0.000	99	54047	20.0	18.1	
44 Propionitrile	54	4.670	4.670	0.000	98	96281	200.0	197.4	
45 Tetrahydrofuran	72	4.743	4.743	0.000	84	14969	40.0	34.5	
46 Chlorobromomethane	128	4.749	4.749	0.000	95	19742	20.0	15.5	
47 Methacrylonitrile	67	4.786	4.786	0.000	95	247906	200.0	187.6	
48 Chloroform	83	4.804	4.804	0.000	98	87072	20.0	17.3	
49 Cyclohexane	56	4.938	4.938	0.000	95	100217	20.0	19.5	
50 1,1,1-Trichloroethane	97	4.962	4.962	0.000	98	73536	20.0	17.5	
\$ 51 Dibromofluoromethane (Surr	113	4.986	4.986	0.000	98	101333	50.0	51.8	
52 Carbon tetrachloride	117	5.096	5.096	0.000	97	59506	20.0	16.9	
53 1,1-Dichloropropene	75	5.138	5.138	0.000	94	69749	20.0	17.5	
54 Isobutyl alcohol	43	5.291	5.291	0.000	92	105004	500.0	522.4	
55 Benzene	78	5.364	5.364	0.000	97	207012	20.0	20.1	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.388	5.388	0.000	98	136614	50.0	52.1	
57 Tert-amyl methyl ether	73	5.443	5.443	0.000	93	137887	20.0	16.6	
58 Isopropyl acetate	43	5.449	5.449	0.000	96	166985	20.0	17.7	
59 1,2-Dichloroethane	62	5.473	5.473	0.000	96	68990	20.0	16.7	
60 n-Heptane	57	5.552	5.552	0.000	97	38815	20.0	15.5	
* 61 Fluorobenzene	96	5.704	5.704	0.000	98	392755	50.0	50.0	
63 Ethyl acrylate	55	5.954	5.954	0.000	51	74468	20.0	9.30	
62 2,4,4-Trimethyl-1-pentene	57	5.954	5.954	0.000	94	280371	40.0	30.4	
64 n-Butanol	56	6.069	6.069	0.000	90	43464	500.0	514.9	
65 Trichloroethene	95	6.112	6.112	0.000	98	52003	20.0	17.3	
66 Methylcyclohexane	83	6.240	6.240	0.000	92	85057	20.0	16.6	
67 1,2-Dichloropropane	63	6.422	6.422	0.000	88	56217	20.0	17.1	
* 68 1,4-Dioxane-d8	96	6.483	6.483	0.000	97	34989	1000.0	1000.0	
69 Methyl methacrylate	100	6.513	6.513	0.000	94	28667	40.0	33.4	
70 1,4-Dioxane	88	6.538	6.538	0.000	74	16156	400.0	393.1	
71 Dibromomethane	93	6.556	6.556	0.000	94	30206	20.0	17.6	
72 n-Propyl acetate	43	6.574	6.574	0.000	99	96256	20.0	18.1	
73 Dichlorobromomethane	83	6.702	6.702	0.000	98	61710	20.0	16.5	
74 2-Nitropropane	41	7.030	7.030	0.000	79	27864	40.0	31.2	
75 2-Chloroethyl vinyl ether	63	7.030	7.030	0.000	73	34081	20.0	16.8	
76 Epichlorohydrin	57	7.122	7.122	0.000	99	110146	400.0	324.4	
77 cis-1,3-Dichloropropene	75	7.164	7.164	0.000	95	80088	20.0	18.6	
78 4-Methyl-2-pentanone (MIBK	43	7.310	7.310	0.000	98	310437	100.0	91.0	
\$ 79 Toluene-d8 (Surr)	98	7.371	7.371	0.000	99	421771	50.0	56.4	
80 Toluene	91	7.438	7.438	0.000	93	210525	20.0	19.1	
81 trans-1,3-Dichloropropene	75	7.712	7.712	0.000	98	66836	20.0	18.4	
82 Ethyl methacrylate	69	7.736	7.736	0.000	93	63489	20.0	16.8	
83 1,1,2-Trichloroethane	83	7.876	7.876	0.000	95	38401	20.0	19.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Tetrachloroethene	166	7.906	7.906	0.000	95	51070	20.0	19.2	
85 1,3-Dichloropropane	76	8.028	8.028	0.000	96	79848	20.0	19.0	
86 2-Hexanone	43	8.077	8.077	0.000	98	223795	100.0	95.3	
87 n-Butyl acetate	73	8.150	8.150	0.000	98	11219	20.0	16.7	
88 Chlorodibromomethane	129	8.192	8.192	0.000	98	42960	20.0	17.8	
89 Ethylene Dibromide	107	8.302	8.302	0.000	99	44201	20.0	18.8	
* 90 Chlorobenzene-d5	117	8.667	8.667	0.000	88	290733	50.0	50.0	
91 Chlorobenzene	112	8.691	8.691	0.000	94	132305	20.0	19.2	
92 Ethylbenzene	106	8.752	8.752	0.000	99	70559	20.0	19.0	
93 1,1,1,2-Tetrachloroethane	131	8.758	8.758	0.000	94	42140	20.0	18.5	
94 m-Xylene & p-Xylene	106	8.849	8.849	0.000	99	85740	20.0	19.1	
95 n-Butyl acrylate	73	9.141	9.141	0.000	96	34853	20.0	17.6	
96 o-Xylene	106	9.166	9.166	0.000	92	79657	20.0	18.0	
97 Styrene	104	9.190	9.190	0.000	95	139872	20.0	18.4	
98 Amyl acetate (mixed isomer	43	9.312	9.312	0.000	88	101025	20.0	19.6	
99 Bromoform	173	9.360	9.360	0.000	95	26243	20.0	16.4	
100 Isopropylbenzene	105	9.440	9.440	0.000	96	215887	20.0	20.0	
\$ 101 4-Bromofluorobenzene	174	9.598	9.598	0.000	87	117438	50.0	53.6	
102 Camphene	41	9.610	9.610	0.000	96	20017	20.0	19.3	
103 Bromobenzene	156	9.707	9.707	0.000	97	50616	20.0	19.2	
104 1,1,2,2-Tetrachloroethane	83	9.725	9.725	0.000	98	57380	20.0	19.3	
105 N-Propylbenzene	91	9.750	9.750	0.000	99	266159	20.0	21.2	
106 1,2,3-Trichloropropane	110	9.768	9.768	0.000	95	17582	20.0	20.0	
107 trans-1,4-Dichloro-2-buten	53	9.774	9.774	0.000	83	16812	20.0	17.3	
108 4-Ethyltoluene	105	9.835	9.835	0.000	98	217514	20.0	21.3	
109 2-Chlorotoluene	91	9.841	9.841	0.000	97	172003	20.0	20.5	
110 1,3,5-Trimethylbenzene	105	9.884	9.884	0.000	94	173591	20.0	20.6	
111 4-Chlorotoluene	91	9.926	9.926	0.000	98	154822	20.0	20.2	
112 Butyl Methacrylate	87	9.944	9.944	0.000	95	59086	20.0	19.4	
113 tert-Butylbenzene	119	10.115	10.115	0.000	94	146077	20.0	19.8	
114 1,2,4-Trimethylbenzene	105	10.163	10.163	0.000	98	173378	20.0	19.9	
115 sec-Butylbenzene	105	10.273	10.273	0.000	99	215522	20.0	21.1	
116 4-Isopropyltoluene	119	10.376	10.376	0.000	98	185096	20.0	20.8	
117 1,3-Dichlorobenzene	146	10.395	10.395	0.000	96	93017	20.0	19.7	
* 118 1,4-Dichlorobenzene-d4	152	10.443	10.443	0.000	96	145717	50.0	50.0	
119 1,4-Dichlorobenzene	146	10.462	10.462	0.000	94	95262	20.0	20.0	
120 Benzyl chloride	91	10.565	10.565	0.000	98	90601	20.0	14.4	
121 2,3-Dihydroindene	117	10.620	10.620	0.000	95	169597	20.0	17.4	
122 p-Diethylbenzene	119	10.650	10.650	0.000	93	109831	20.0	20.3	
123 n-Butylbenzene	91	10.668	10.668	0.000	98	205789	20.0	20.9	
124 1,2-Dichlorobenzene	146	10.735	10.735	0.000	95	86572	20.0	20.1	
125 1,2,4,5-Tetramethylbenzene	119	11.204	11.204	0.000	98	146610	20.0	20.1	
126 1,2-Dibromo-3-Chloropropan	75	11.301	11.301	0.000	91	9843	20.0	18.2	
127 1,3,5-Trichlorobenzene	180	11.411	11.411	0.000	97	60466	20.0	20.1	
128 Camphor	95	11.855	11.855	0.000	94	30276	100.0	98.0	
129 1,2,4-Trichlorobenzene	180	11.928	11.928	0.000	94	51821	20.0	19.9	
130 Hexachlorobutadiene	225	12.013	12.013	0.000	94	23214	20.0	21.7	
131 Naphthalene	128	12.165	12.165	0.000	99	135763	20.0	20.3	
132 1,2,3-Trichlorobenzene	180	12.390	12.390	0.000	94	44448	20.0	21.1	
S 133 1,2-Dichloroethene, Total	100				0		40.0	35.3	
S 134 Xylenes, Total	100				0		40.0	37.1	
S 135 Total BTEX	1				0		100.0	95.4	

Reagents:

GASES Li_00103	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00022	Amount Added: 20.00	Units: uL	
ACROLEIN W_00037	Amount Added: 4.00	Units: uL	
8260ISSUR50_00015	Amount Added: 5.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNAIG2\\Edison\\ChromData\\CVOAMS3\\20150522-27731.b\\C08857.D

Injection Date: 22-May-2015 21:14:30

Instrument ID: CVOAMS3

Operator ID: VOA GC/MS3

Lims ID: LCS

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

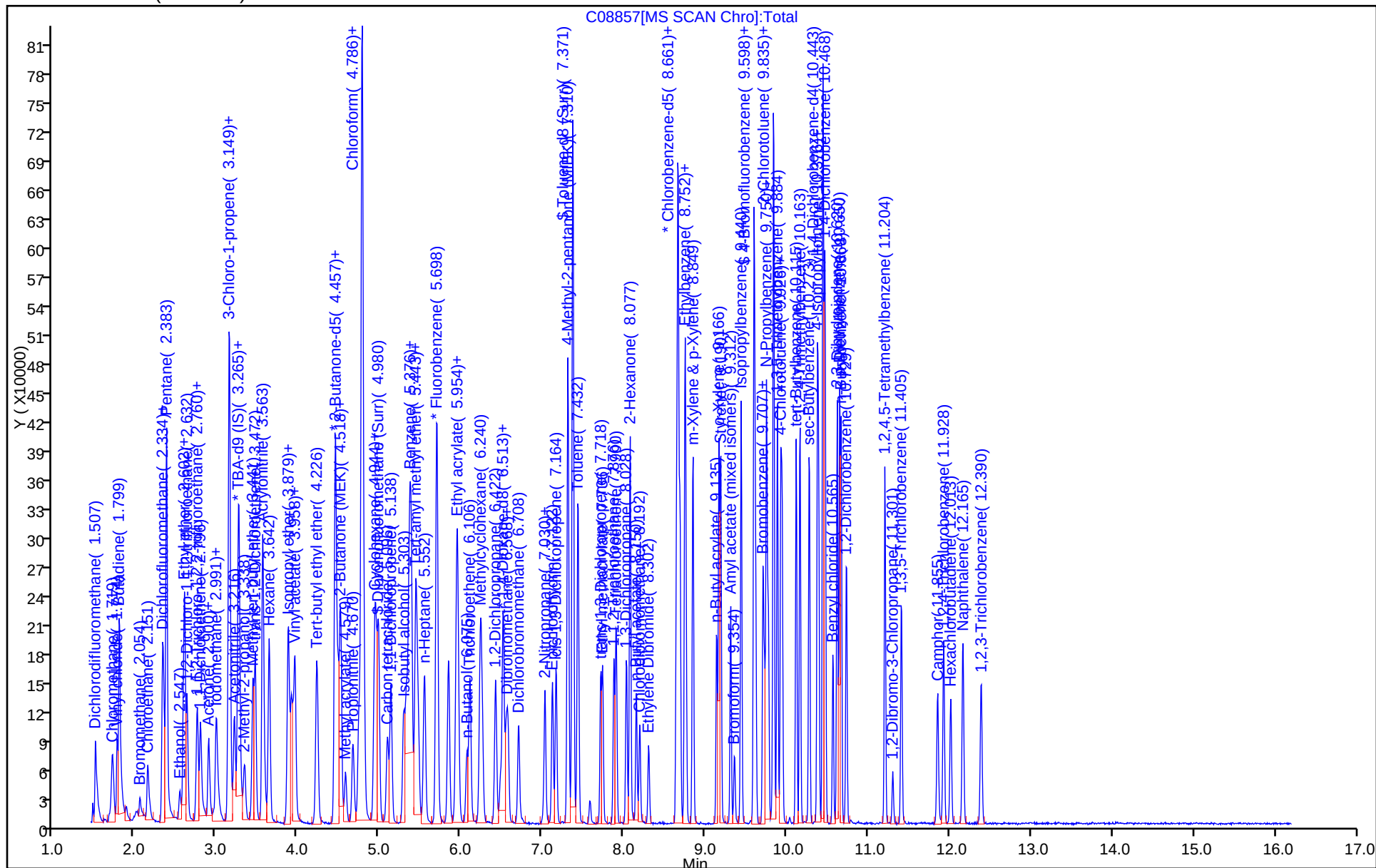
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-94855-1</u>
SDG No.: _____	
Client Sample ID: <u>EX1-CP-00-051415 MS</u>	Lab Sample ID: <u>460-94855-1 MS</u>
Matrix: <u>Water</u>	Lab File ID: <u>C08871.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>05/13/2015 08:35</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>05/23/2015 03:10</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>10</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>300464</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	235		10	2.2
74-83-9	Bromomethane	88.6		10	1.8
75-01-4	Vinyl chloride	221		10	0.60
75-00-3	Chloroethane	202		10	3.7
75-09-2	Methylene Chloride	173		10	2.1
67-64-1	Acetone	804		50	11
75-15-0	Carbon disulfide	156		10	2.2
75-69-4	Trichlorofluoromethane	201		10	1.5
75-35-4	1,1-Dichloroethene	149		10	3.4
75-34-3	1,1-Dichloroethane	173		10	2.4
156-60-5	trans-1,2-Dichloroethene	179		10	1.8
156-59-2	cis-1,2-Dichloroethene	182		10	2.6
67-66-3	Chloroform	175		10	2.2
107-06-2	1,2-Dichloroethane	171		10	2.5
78-93-3	2-Butanone	933		50	22
71-55-6	1,1,1-Trichloroethane	168		10	2.8
56-23-5	Carbon tetrachloride	166		10	3.3
75-27-4	Bromodichloromethane	168		10	1.5
78-87-5	1,2-Dichloropropane	173		10	1.8
10061-01-5	cis-1,3-Dichloropropene	185		10	1.6
79-01-6	Trichloroethene	172		10	2.2
124-48-1	Dibromochloromethane	180		10	2.2
79-00-5	1,1,2-Trichloroethane	201		10	0.80
71-43-2	Benzene	198		10	0.90
10061-02-6	trans-1,3-Dichloropropene	179		10	1.9
75-25-2	Bromoform	173		10	1.8
108-10-1	4-Methyl-2-pentanone (MIBK)	1010		50	6.3
591-78-6	2-Hexanone	1000		50	7.2
127-18-4	Tetrachloroethene	199		10	1.2
79-34-5	1,1,2,2-Tetrachloroethane	204		10	1.9
108-88-3	Toluene	192		10	2.5
108-90-7	Chlorobenzene	190		10	2.4
100-41-4	Ethylbenzene	188		10	3.0
100-42-5	Styrene	192		10	1.7
179601-23-1	m&p-Xylene	195		10	2.8
95-47-6	o-Xylene	188		10	3.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Client Sample ID: EX1-CP-00-051415 MS Lab Sample ID: 460-94855-1 MS

Matrix: Water Lab File ID: C08871.D

Analysis Method: 8260C Date Collected: 05/13/2015 08:35

Sample wt/vol: 5 (mL) Date Analyzed: 05/23/2015 03:10

Soil Aliquot Vol: _____ Dilution Factor: 10

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 300464 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	164		10	3.4
1634-04-4	Methyl tert-butyl ether	180		10	1.3
110-82-7	Cyclohexane	185		10	2.6
106-93-4	1,2-Dibromoethane	193		10	1.9
541-73-1	1,3-Dichlorobenzene	201		10	3.3
106-46-7	1,4-Dichlorobenzene	203		10	3.3
95-50-1	1,2-Dichlorobenzene	207		10	2.2
75-71-8	Dichlorodifluoromethane	251		10	1.4
120-82-1	1,2,4-Trichlorobenzene	198		10	2.7
123-91-1	1,4-Dioxane	3340		500	87
87-61-6	1,2,3-Trichlorobenzene	196		10	3.5
96-12-8	1,2-Dibromo-3-Chloropropane	188		10	2.3
74-97-5	Bromochloromethane	165		10	3.0
98-82-8	Isopropylbenzene	205		10	3.2
79-20-9	Methyl acetate	1000		50	5.8
108-87-2	Methylcyclohexane	160		10	2.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-130
2037-26-5	Toluene-d8 (Surr)	112		70-130
460-00-4	4-Bromofluorobenzene	110		64-135
1868-53-7	Dibromofluoromethane (Surr)	107		72-137

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08871.D
 Lims ID: 460-94855-A-1 MS
 Client ID: EX1-CP-00-051415
 Sample Type: MS
 Inject. Date: 23-May-2015 03:10:30 ALS Bottle#: 16 Worklist Smp#: 17
 Purge Vol: 5.000 mL Dil. Factor: 10.0000
 Sample Info: 460-94855-A-1 MS
 Misc. Info.: 460-0027731-017
 Operator ID: VOA GC/MS3 Instrument ID: CVOAMS3
 Method: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150522-27731.b\8260W_3.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 23-May-2015 07:53:32 Calib Date: 12-Apr-2015 23:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150412-26140.b\C06941.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK016

First Level Reviewer: desais

Date: 23-May-2015 07:50:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.506	1.507	-0.001	99	77861	20.0	25.1	
3 Chloromethane	50	1.719	1.719	0.000	99	83892	20.0	23.5	
4 Vinyl chloride	62	1.774	1.774	0.000	98	84565	20.0	22.1	
5 Butadiene	54	1.804	1.805	-0.001	95	74017	20.0	21.0	
6 Bromomethane	94	2.054	2.054	0.000	97	15950	20.0	8.86	
7 Chloroethane	64	2.151	2.151	0.000	99	55662	20.0	20.2	
8 Dichlorofluoromethane	67	2.334	2.334	0.000	99	124497	20.0	20.6	
9 Trichlorofluoromethane	101	2.346	2.340	0.006	96	96088	20.0	20.1	
10 Pentane	72	2.382	2.383	-0.001	95	18865	40.0	29.9	
11 Ethanol	46	2.541	2.547	-0.006	100	13965	800.0	657.4	
12 Ethyl ether	59	2.583	2.589	-0.006	96	44039	20.0	15.1	
13 2-Methyl-1,3-butadiene	53	2.601	2.602	-0.001	96	48394	20.0	14.8	
14 1,2-Dichloro-1,1,2-trifluo	117	2.632	2.632	0.000	89	35677	20.0	14.8	
15 1,1,2-Trichloro-1,2,2-trif	101	2.753	2.760	-0.007	95	45216	20.0	16.4	
16 Acrolein	56	2.772	2.772	0.000	37	7375	40.0	42.0	
17 1,1-Dichloroethene	96	2.802	2.796	0.006	96	41972	20.0	14.9	
21 Isopropyl alcohol	45	2.851	2.851	0.000	96	2195	200.0	9.89	
18 Acetone	43	2.899	2.900	-0.001	85	94728	100.0	80.4	
19 Iodomethane	142	2.954	2.961	-0.007	100	9644	20.0	7.16	
20 Carbon disulfide	76	2.997	2.997	0.000	100	131415	20.0	15.6	
22 3-Chloro-1-propene	76	3.143	3.143	0.000	91	19888	20.0	14.6	
24 Methyl acetate	43	3.155	3.155	0.000	98	300896	100.0	100.5	
23 Cyclopentene	67	3.155	3.155	0.000	72	138636	20.0	18.1	
25 Acetonitrile	41	3.210	3.216	-0.006	100	109678	200.0	208.1	
* 26 TBA-d9 (IS)	65	3.258	3.265	-0.007	91	286987	1000.0	1000.0	
27 Methylene Chloride	84	3.277	3.271	0.006	97	50543	20.0	17.3	
28 2-Methyl-2-propanol	59	3.331	3.338	-0.007	97	54581	200.0	177.6	
29 Methyl tert-butyl ether	73	3.441	3.441	0.000	98	142804	20.0	18.0	
30 trans-1,2-Dichloroethene	96	3.471	3.472	-0.001	96	50255	20.0	17.9	
31 Acrylonitrile	53	3.563	3.563	0.000	94	249021	200.0	194.6	
32 Hexane	43	3.642	3.642	0.000	94	53412	20.0	18.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Isopropyl ether	45	3.873	3.879	-0.006	97	186735	20.0	18.4	
34 1,1-Dichloroethane	63	3.909	3.916	-0.007	99	97409	20.0	17.3	
35 Vinyl acetate	43	3.928	3.934	-0.006	100	95794	40.0	32.8	
36 Allyl alcohol	57	3.940	3.946	-0.006	41	24394	500.0	425.9	
37 2-Chloro-1,3-butadiene	88	3.958	3.958	0.000	93	45046	20.0	17.2	
38 Tert-butyl ethyl ether	59	4.226	4.226	0.000	89	158007	20.0	18.2	
* 164 2-Butanone-d5	46	4.451	4.451	0.000	96	346649	250.0	250.0	
39 2,2-Dichloropropane	79	4.457	4.457	0.000	55	21248	20.0	15.3	
40 cis-1,2-Dichloroethene	96	4.487	4.488	-0.001	98	53888	20.0	18.2	
41 2-Butanone (MEK)	72	4.512	4.518	-0.006	96	36572	100.0	93.3	
42 Ethyl acetate	70	4.518	4.524	-0.006	100	10439	40.0	33.8	
43 Methyl acrylate	55	4.572	4.579	-0.007	99	58572	20.0	19.9	
44 Propionitrile	54	4.670	4.670	0.000	97	96633	200.0	200.7	
45 Tetrahydrofuran	72	4.743	4.743	0.000	92	14971	40.0	35.8	
46 Chlorobromomethane	128	4.755	4.749	0.006	95	20831	20.0	16.5	
47 Methacrylonitrile	67	4.779	4.786	-0.007	96	252250	200.0	193.4	
48 Chloroform	83	4.804	4.804	0.000	97	86799	20.0	17.5	
49 Cyclohexane	56	4.937	4.938	-0.001	95	94013	20.0	18.5	
50 1,1,1-Trichloroethane	97	4.962	4.962	0.000	90	69608	20.0	16.8	
\$ 51 Dibromofluoromethane (Surr	113	4.986	4.986	0.000	97	102842	50.0	53.3	
52 Carbon tetrachloride	117	5.090	5.096	-0.006	98	57690	20.0	16.6	
53 1,1-Dichloropropene	75	5.138	5.138	0.000	94	67985	20.0	17.3	
54 Isobutyl alcohol	43	5.290	5.291	-0.001	96	101252	500.0	492.2	
55 Benzene	78	5.363	5.364	-0.001	97	201872	20.0	19.8	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.388	5.388	0.000	93	134931	50.0	52.2	
57 Tert-amyl methyl ether	73	5.442	5.443	-0.001	70	144627	20.0	17.6	
58 Isopropyl acetate	43	5.442	5.449	-0.007	93	170540	20.0	18.3	
59 1,2-Dichloroethane	62	5.473	5.473	0.000	97	69941	20.0	17.1	
60 n-Heptane	57	5.546	5.552	-0.006	96	35329	20.0	14.2	
* 61 Fluorobenzene	96	5.698	5.704	-0.006	98	387761	50.0	50.0	
63 Ethyl acrylate	55	5.953	5.954	-0.001	51	71030	20.0	8.99	
62 2,4,4-Trimethyl-1-pentene	57	5.947	5.954	-0.007	93	262003	40.0	28.7	
64 n-Butanol	56	6.063	6.069	-0.006	94	39701	500.0	459.6	
65 Trichloroethene	95	6.106	6.112	-0.006	98	50773	20.0	17.2	
66 Methylcyclohexane	83	6.239	6.240	-0.001	93	80780	20.0	16.0	
67 1,2-Dichloropropane	63	6.422	6.422	0.000	90	56179	20.0	17.3	
* 68 1,4-Dioxane-d8	96	6.477	6.483	-0.006	96	35457	1000.0	1000.0	
69 Methyl methacrylate	100	6.513	6.513	0.000	95	30960	40.0	36.5	
70 1,4-Dioxane	88	6.537	6.538	-0.001	89	13929	400.0	334.5	
71 Dibromomethane	93	6.556	6.556	0.000	97	31358	20.0	18.5	
72 n-Propyl acetate	43	6.574	6.574	0.000	100	91911	20.0	17.5	
73 Dichlorobromomethane	83	6.702	6.702	0.000	99	61862	20.0	16.8	
74 2-Nitropropane	41	7.030	7.030	0.000	97	26526	40.0	30.1	
76 Epichlorohydrin	57	7.121	7.122	-0.001	100	97230	400.0	297.4	
77 cis-1,3-Dichloropropene	75	7.164	7.164	0.000	95	79509	20.0	18.5	
78 4-Methyl-2-pentanone (MIBK	43	7.310	7.310	0.000	98	330382	100.0	100.6	
\$ 79 Toluene-d8 (Surr)	98	7.371	7.371	0.000	99	415691	50.0	55.9	
80 Toluene	91	7.432	7.438	-0.006	93	210208	20.0	19.2	
81 trans-1,3-Dichloropropene	75	7.712	7.712	0.000	95	64761	20.0	17.9	
82 Ethyl methacrylate	69	7.736	7.736	0.000	93	66207	20.0	17.7	
83 1,1,2-Trichloroethane	83	7.876	7.876	0.000	96	39393	20.0	20.1	
84 Tetrachloroethene	166	7.906	7.906	0.000	96	52749	20.0	19.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,3-Dichloropropane	76	8.028	8.028	0.000	96	80863	20.0	19.3	
86 2-Hexanone	43	8.077	8.077	0.000	98	226581	100.0	100.2	
87 n-Butyl acetate	73	8.150	8.150	0.000	99	12526	20.0	18.8	
88 Chlorodibromomethane	129	8.192	8.192	0.000	98	43199	20.0	18.0	
89 Ethylene Dibromide	107	8.302	8.302	0.000	100	45002	20.0	19.3	
* 90 Chlorobenzene-d5	117	8.667	8.667	0.000	88	289140	50.0	50.0	
91 Chlorobenzene	112	8.691	8.691	0.000	94	130573	20.0	19.0	
92 Ethylbenzene	106	8.752	8.752	0.000	99	69190	20.0	18.8	
93 1,1,1,2-Tetrachloroethane	131	8.764	8.758	0.006	94	43009	20.0	19.0	
94 m-Xylene & p-Xylene	106	8.849	8.849	0.000	99	86908	20.0	19.5	
95 n-Butyl acrylate	73	9.135	9.141	-0.006	97	37129	20.0	18.8	
96 o-Xylene	106	9.166	9.166	0.000	93	83069	20.0	18.8	
97 Styrene	104	9.190	9.190	0.000	94	144827	20.0	19.2	
98 Amyl acetate (mixed isomer	43	9.312	9.312	0.000	89	101391	20.0	19.3	
99 Bromoform	173	9.360	9.360	0.000	96	27398	20.0	17.3	
100 Isopropylbenzene	105	9.439	9.440	-0.001	96	219773	20.0	20.5	
\$ 101 4-Bromofluorobenzene	174	9.597	9.598	-0.001	88	122753	50.0	55.0	
102 Camphene	41	9.616	9.610	0.006	95	13208	20.0	12.8	
103 Bromobenzene	156	9.707	9.707	0.000	98	52473	20.0	19.5	
104 1,1,2,2-Tetrachloroethane	83	9.725	9.725	0.000	99	61886	20.0	20.4	
105 N-Propylbenzene	91	9.750	9.750	0.000	99	264193	20.0	20.6	
106 1,2,3-Trichloropropane	110	9.768	9.768	0.000	98	18049	20.0	20.1	
107 trans-1,4-Dichloro-2-buten	53	9.774	9.774	0.000	78	17666	20.0	17.8	
108 4-Ethyltoluene	105	9.835	9.835	0.000	98	219096	20.0	21.0	
109 2-Chlorotoluene	91	9.841	9.841	0.000	96	174831	20.0	20.5	
110 1,3,5-Trimethylbenzene	105	9.883	9.884	-0.001	93	171987	20.0	20.0	
111 4-Chlorotoluene	91	9.926	9.926	0.000	98	157350	20.0	20.2	
112 Butyl Methacrylate	87	9.944	9.944	0.000	94	63091	20.0	20.4	
113 tert-Butylbenzene	119	10.115	10.115	0.000	95	147974	20.0	19.7	
114 1,2,4-Trimethylbenzene	105	10.163	10.163	0.000	98	176726	20.0	19.9	
115 sec-Butylbenzene	105	10.273	10.273	0.000	99	214917	20.0	20.7	
116 4-Isopropyltoluene	119	10.376	10.376	0.000	98	182513	20.0	20.1	
117 1,3-Dichlorobenzene	146	10.394	10.395	-0.001	95	96974	20.0	20.1	
* 118 1,4-Dichlorobenzene-d4	152	10.443	10.443	0.000	95	148528	50.0	50.0	
119 1,4-Dichlorobenzene	146	10.461	10.462	-0.001	94	98354	20.0	20.3	
120 Benzyl chloride	91	10.565	10.565	0.000	98	88722	20.0	13.9	
121 2,3-Dihydroindene	117	10.620	10.620	0.000	94	180386	20.0	18.7	
122 p-Diethylbenzene	119	10.650	10.650	0.000	92	109887	20.0	19.9	
123 n-Butylbenzene	91	10.668	10.668	0.000	97	202402	20.0	20.2	
124 1,2-Dichlorobenzene	146	10.735	10.735	0.000	95	90989	20.0	20.7	
125 1,2,4,5-Tetramethylbenzene	119	11.204	11.204	0.000	98	147614	20.0	19.8	
126 1,2-Dibromo-3-Chloropropan	75	11.301	11.301	0.000	94	10328	20.0	18.8	
127 1,3,5-Trichlorobenzene	180	11.410	11.411	-0.001	97	62141	20.0	20.3	
128 Camphor	95	11.848	11.855	-0.007	94	27523	100.0	87.4	
129 1,2,4-Trichlorobenzene	180	11.928	11.928	0.000	93	52518	20.0	19.8	
130 Hexachlorobutadiene	225	12.013	12.013	0.000	94	22255	20.0	20.4	
131 Naphthalene	128	12.165	12.165	0.000	99	133932	20.0	19.6	
132 1,2,3-Trichlorobenzene	180	12.384	12.390	-0.006	95	42188	20.0	19.6	
S 133 1,2-Dichloroethene, Total	100				0		40.0	36.1	
S 134 Xylenes, Total	100				0		40.0	38.3	
S 135 Total BTEX	1				0		100.0	96.1	

Reagents:

GASES Li_00103	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00022	Amount Added: 20.00	Units: uL	
ACROLEIN W_00037	Amount Added: 4.00	Units: uL	
8260ISSUR50_00015	Amount Added: 5.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNAIG2\\Edison\\ChromData\\CVOAMS3\\20150522-27731.b\\C08871.D

Injection Date: 23-May-2015 03:10:30

Instrument ID: CVOAMS3

Operator ID: VOA GC/MS3

Lims ID: 460-94855-A-1 MS

Worklist Smp#: 17

Client ID: EX1-CP-00-051415

Purge Vol: 5.000 mL

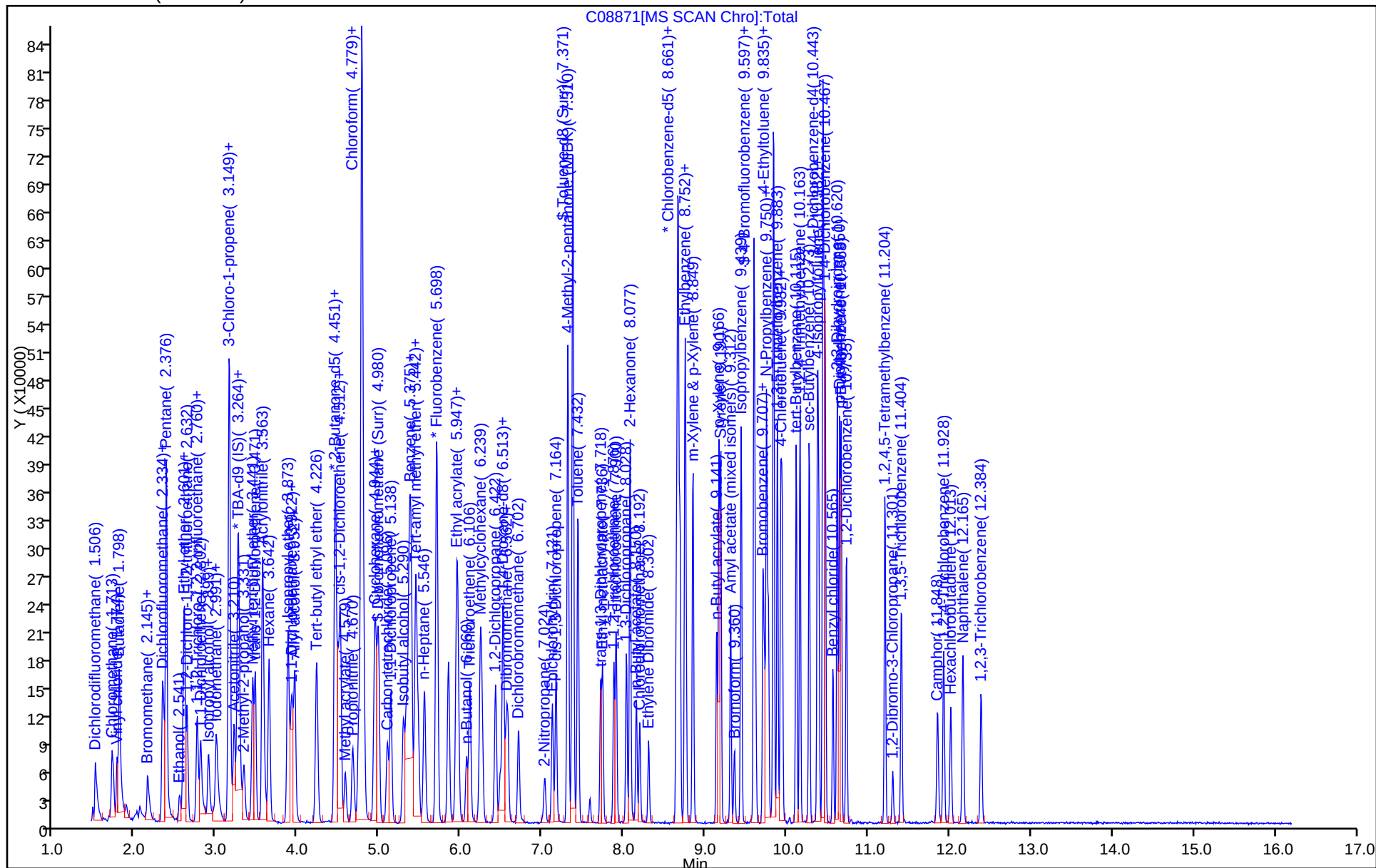
Dil. Factor: 10.0000

ALS Bottle#: 16

Method: 8260W_3

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-94855-1</u>
SDG No.: _____	
Client Sample ID: <u>EX1-CP-00-051415 MSD</u>	Lab Sample ID: <u>460-94855-1 MSD</u>
Matrix: <u>Water</u>	Lab File ID: <u>C08872.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>05/13/2015 08:35</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>05/23/2015 03:35</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>10</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>300464</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	246		10	2.2
74-83-9	Bromomethane	103		10	1.8
75-01-4	Vinyl chloride	221		10	0.60
75-00-3	Chloroethane	197		10	3.7
75-09-2	Methylene Chloride	177		10	2.1
67-64-1	Acetone	851		50	11
75-15-0	Carbon disulfide	162		10	2.2
75-69-4	Trichlorofluoromethane	202		10	1.5
75-35-4	1,1-Dichloroethene	160		10	3.4
75-34-3	1,1-Dichloroethane	178		10	2.4
156-60-5	trans-1,2-Dichloroethene	180		10	1.8
156-59-2	cis-1,2-Dichloroethene	188		10	2.6
67-66-3	Chloroform	180		10	2.2
107-06-2	1,2-Dichloroethane	172		10	2.5
78-93-3	2-Butanone	928		50	22
71-55-6	1,1,1-Trichloroethane	176		10	2.8
56-23-5	Carbon tetrachloride	168		10	3.3
75-27-4	Bromodichloromethane	176		10	1.5
78-87-5	1,2-Dichloropropane	182		10	1.8
10061-01-5	cis-1,3-Dichloropropene	190		10	1.6
79-01-6	Trichloroethene	180		10	2.2
124-48-1	Dibromochloromethane	186		10	2.2
79-00-5	1,1,2-Trichloroethane	208		10	0.80
71-43-2	Benzene	206		10	0.90
10061-02-6	trans-1,3-Dichloropropene	193		10	1.9
75-25-2	Bromoform	180		10	1.8
108-10-1	4-Methyl-2-pentanone (MIBK)	1010		50	6.3
591-78-6	2-Hexanone	1040		50	7.2
127-18-4	Tetrachloroethene	199		10	1.2
79-34-5	1,1,2,2-Tetrachloroethane	214		10	1.9
108-88-3	Toluene	197		10	2.5
108-90-7	Chlorobenzene	198		10	2.4
100-41-4	Ethylbenzene	199		10	3.0
100-42-5	Styrene	200		10	1.7
179601-23-1	m&p-Xylene	205		10	2.8
95-47-6	o-Xylene	198		10	3.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Client Sample ID: EX1-CP-00-051415 MSD Lab Sample ID: 460-94855-1 MSD

Matrix: Water Lab File ID: C08872.D

Analysis Method: 8260C Date Collected: 05/13/2015 08:35

Sample wt/vol: 5 (mL) Date Analyzed: 05/23/2015 03:35

Soil Aliquot Vol: _____ Dilution Factor: 10

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 300464 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	167		10	3.4
1634-04-4	Methyl tert-butyl ether	183		10	1.3
110-82-7	Cyclohexane	193		10	2.6
106-93-4	1,2-Dibromoethane	201		10	1.9
541-73-1	1,3-Dichlorobenzene	211		10	3.3
106-46-7	1,4-Dichlorobenzene	212		10	3.3
95-50-1	1,2-Dichlorobenzene	213		10	2.2
75-71-8	Dichlorodifluoromethane	256		10	1.4
120-82-1	1,2,4-Trichlorobenzene	205		10	2.7
123-91-1	1,4-Dioxane	4210		500	87
87-61-6	1,2,3-Trichlorobenzene	218		10	3.5
96-12-8	1,2-Dibromo-3-Chloropropane	203		10	2.3
74-97-5	Bromochloromethane	161		10	3.0
98-82-8	Isopropylbenzene	214		10	3.2
79-20-9	Methyl acetate	1030		50	5.8
108-87-2	Methylcyclohexane	163		10	2.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-130
2037-26-5	Toluene-d8 (Surr)	111		70-130
460-00-4	4-Bromofluorobenzene	108		64-135
1868-53-7	Dibromofluoromethane (Surr)	105		72-137

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150522-27731.b\C08872.D
 Lims ID: 460-94855-A-1 MSD
 Client ID:
 Sample Type: MSD
 Inject. Date: 23-May-2015 03:35:30 ALS Bottle#: 17 Worklist Smp#: 18
 Purge Vol: 5.000 mL Dil. Factor: 10.0000
 Sample Info: 460-94855-A-1 MSD
 Misc. Info.: 460-0027731-018
 Operator ID: VOA GC/MS3 Instrument ID: CVOAMS3
 Method: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150522-27731.b\8260W_3.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 23-May-2015 07:53:32 Calib Date: 12-Apr-2015 23:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS3\20150412-26140.b\C06941.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK016

First Level Reviewer: desais

Date: 23-May-2015 07:51:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.506	1.507	-0.001	99	76813	20.0	25.6	
3 Chloromethane	50	1.713	1.719	-0.006	99	84918	20.0	24.6	
4 Vinyl chloride	62	1.774	1.774	0.000	98	81795	20.0	22.1	
5 Butadiene	54	1.798	1.805	-0.007	96	74597	20.0	22.0	
6 Bromomethane	94	2.054	2.054	0.000	97	17909	20.0	10.3	
7 Chloroethane	64	2.151	2.151	0.000	99	52292	20.0	19.7	
8 Dichlorofluoromethane	67	2.328	2.334	-0.006	99	124787	20.0	21.4	
9 Trichlorofluoromethane	101	2.346	2.340	0.006	97	93055	20.0	20.2	
10 Pentane	72	2.376	2.383	-0.007	96	18860	40.0	31.0	
11 Ethanol	46	2.541	2.547	-0.006	99	14436	800.0	696.0	
12 Ethyl ether	59	2.583	2.589	-0.006	94	42202	20.0	15.0	
13 2-Methyl-1,3-butadiene	53	2.601	2.602	-0.001	97	48705	20.0	15.4	
14 1,2-Dichloro-1,1,2-trifluo	117	2.638	2.632	0.006	96	36703	20.0	15.8	
15 1,1,2-Trichloro-1,2,2-trif	101	2.760	2.760	0.000	96	44448	20.0	16.7	
16 Acrolein	56	2.772	2.772	0.000	34	6777	40.0	40.0	
17 1,1-Dichloroethene	96	2.802	2.796	0.006	96	43353	20.0	16.0	
21 Isopropyl alcohol	45	2.851	2.851	0.000	96	2212	200.0	10.2	
18 Acetone	43	2.900	2.900	0.000	85	98906	100.0	85.1	
19 Iodomethane	142	2.960	2.961	-0.001	99	11384	20.0	8.76	
20 Carbon disulfide	76	2.991	2.997	-0.006	100	131799	20.0	16.2	
22 3-Chloro-1-propene	76	3.143	3.143	0.000	90	20432	20.0	15.5	
24 Methyl acetate	43	3.149	3.155	-0.006	99	298807	100.0	103.5	
23 Cyclopentene	67	3.155	3.155	0.000	70	136328	20.0	18.4	
25 Acetonitrile	41	3.210	3.216	-0.006	98	115855	200.0	227.9	
* 26 TBA-d9 (IS)	65	3.258	3.265	-0.007	91	280241	1000.0	1000.0	
27 Methylene Chloride	84	3.277	3.271	0.006	98	50024	20.0	17.7	
28 2-Methyl-2-propanol	59	3.331	3.338	-0.007	98	61436	200.0	204.8	
29 Methyl tert-butyl ether	73	3.441	3.441	0.000	97	140154	20.0	18.3	
30 trans-1,2-Dichloroethene	96	3.471	3.472	-0.001	98	48581	20.0	18.0	
31 Acrylonitrile	53	3.563	3.563	0.000	94	250253	200.0	202.8	
32 Hexane	43	3.642	3.642	0.000	95	52333	20.0	18.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Isopropyl ether	45	3.873	3.879	-0.006	97	185599	20.0	19.0	
34 1,1-Dichloroethane	63	3.909	3.916	-0.007	99	96879	20.0	17.8	
35 Vinyl acetate	43	3.928	3.934	-0.006	100	95718	40.0	34.0	
36 Allyl alcohol	57	3.934	3.946	-0.012	42	29436	500.0	526.3	
37 2-Chloro-1,3-butadiene	88	3.958	3.958	0.000	93	44213	20.0	17.5	
38 Tert-butyl ethyl ether	59	4.226	4.226	0.000	89	155697	20.0	18.6	
* 164 2-Butanone-d5	46	4.451	4.451	0.000	97	341779	250.0	250.0	
39 2,2-Dichloropropane	79	4.457	4.457	0.000	87	20137	20.0	15.0	
40 cis-1,2-Dichloroethene	96	4.487	4.488	-0.001	96	53666	20.0	18.8	
41 2-Butanone (MEK)	72	4.512	4.518	-0.006	96	35858	100.0	92.8	
42 Ethyl acetate	70	4.518	4.524	-0.006	100	10403	40.0	34.2	
43 Methyl acrylate	55	4.579	4.579	0.000	99	58956	20.0	20.7	
44 Propionitrile	54	4.670	4.670	0.000	98	99821	200.0	215.0	
45 Tetrahydrofuran	72	4.743	4.743	0.000	85	15344	40.0	37.2	
46 Chlorobromomethane	128	4.755	4.749	0.006	93	19615	20.0	16.1	
47 Methacrylonitrile	67	4.779	4.786	-0.007	96	254408	200.0	202.2	
48 Chloroform	83	4.804	4.804	0.000	98	86038	20.0	18.0	
49 Cyclohexane	56	4.938	4.938	0.000	94	94438	20.0	19.3	
50 1,1,1-Trichloroethane	97	4.962	4.962	0.000	98	70142	20.0	17.6	
\$ 51 Dibromofluoromethane (Surr	113	4.986	4.986	0.000	97	97703	50.0	52.5	
52 Carbon tetrachloride	117	5.096	5.096	0.000	98	56388	20.0	16.8	
53 1,1-Dichloropropene	75	5.138	5.138	0.000	95	68841	20.0	18.2	
54 Isobutyl alcohol	43	5.290	5.291	-0.001	97	108303	500.0	539.2	
55 Benzene	78	5.363	5.364	-0.001	97	202553	20.0	20.6	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.388	5.388	0.000	97	128336	50.0	51.4	
57 Tert-amyl methyl ether	73	5.442	5.443	-0.001	70	141884	20.0	17.9	
58 Isopropyl acetate	43	5.442	5.449	-0.007	92	168393	20.0	18.8	
59 1,2-Dichloroethane	62	5.473	5.473	0.000	95	67797	20.0	17.2	
60 n-Heptane	57	5.552	5.552	0.000	97	34825	20.0	14.6	
* 61 Fluorobenzene	96	5.698	5.704	-0.006	98	373983	50.0	50.0	
63 Ethyl acrylate	55	5.947	5.954	-0.007	51	69044	20.0	9.06	
62 2,4,4-Trimethyl-1-pentene	57	5.947	5.954	-0.007	93	257451	40.0	29.3	
64 n-Butanol	56	6.063	6.069	-0.006	93	45540	500.0	539.8	
65 Trichloroethene	95	6.106	6.112	-0.006	99	51433	20.0	18.0	
66 Methylcyclohexane	83	6.239	6.240	-0.001	90	79677	20.0	16.3	
67 1,2-Dichloropropane	63	6.422	6.422	0.000	89	56935	20.0	18.2	
* 68 1,4-Dioxane-d8	96	6.483	6.483	0.000	96	34459	1000.0	1000.0	
69 Methyl methacrylate	100	6.519	6.513	0.006	95	29629	40.0	36.2	
70 1,4-Dioxane	88	6.537	6.538	-0.001	90	17032	400.0	420.8	
71 Dibromomethane	93	6.550	6.556	-0.006	96	30887	20.0	18.9	
72 n-Propyl acetate	43	6.574	6.574	0.000	99	102549	20.0	20.2	
73 Dichlorobromomethane	83	6.708	6.702	0.006	99	62708	20.0	17.6	
74 2-Nitropropane	41	7.024	7.030	-0.006	99	27450	40.0	32.3	
76 Epichlorohydrin	57	7.122	7.122	0.000	99	96717	400.0	300.0	
77 cis-1,3-Dichloropropene	75	7.164	7.164	0.000	95	78414	20.0	19.0	
78 4-Methyl-2-pentanone (MIBK	43	7.310	7.310	0.000	98	327377	100.0	101.1	
\$ 79 Toluene-d8 (Surr)	98	7.371	7.371	0.000	99	398528	50.0	55.6	
80 Toluene	91	7.438	7.438	0.000	94	207424	20.0	19.7	
81 trans-1,3-Dichloropropene	75	7.718	7.712	0.006	98	67224	20.0	19.3	
82 Ethyl methacrylate	69	7.736	7.736	0.000	94	67566	20.0	18.7	
83 1,1,2-Trichloroethane	83	7.876	7.876	0.000	96	39322	20.0	20.8	
84 Tetrachloroethene	166	7.906	7.906	0.000	95	50735	20.0	19.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,3-Dichloropropane	76	8.028	8.028	0.000	96	81346	20.0	20.2	
86 2-Hexanone	43	8.077	8.077	0.000	98	232307	100.0	104.2	
87 n-Butyl acetate	73	8.156	8.150	0.006	98	12286	20.0	19.1	
88 Chlorodibromomethane	129	8.192	8.192	0.000	99	43131	20.0	18.6	
89 Ethylene Dibromide	107	8.302	8.302	0.000	99	45174	20.0	20.1	
* 90 Chlorobenzene-d5	117	8.667	8.667	0.000	88	278475	50.0	50.0	
91 Chlorobenzene	112	8.691	8.691	0.000	94	130635	20.0	19.8	
92 Ethylbenzene	106	8.752	8.752	0.000	99	70692	20.0	19.9	
93 1,1,1,2-Tetrachloroethane	131	8.764	8.758	0.006	95	42463	20.0	19.4	
94 m-Xylene & p-Xylene	106	8.849	8.849	0.000	99	88027	20.0	20.5	
95 n-Butyl acrylate	73	9.141	9.141	0.000	97	36940	20.0	19.4	
96 o-Xylene	106	9.166	9.166	0.000	94	84132	20.0	19.8	
97 Styrene	104	9.190	9.190	0.000	94	145325	20.0	20.0	
98 Amyl acetate (mixed isomer	43	9.312	9.312	0.000	89	101589	20.0	20.1	
99 Bromoform	173	9.354	9.360	-0.006	96	27512	20.0	18.0	
100 Isopropylbenzene	105	9.439	9.440	-0.001	96	220448	20.0	21.4	
\$ 101 4-Bromofluorobenzene	174	9.598	9.598	0.000	89	116766	50.0	54.2	
102 Camphene	41	9.610	9.610	0.000	95	13369	20.0	13.5	
103 Bromobenzene	156	9.707	9.707	0.000	97	53225	20.0	20.5	
104 1,1,2,2-Tetrachloroethane	83	9.725	9.725	0.000	99	62560	20.0	21.4	
105 N-Propylbenzene	91	9.750	9.750	0.000	99	267324	20.0	21.6	
106 1,2,3-Trichloropropane	110	9.768	9.768	0.000	95	17828	20.0	20.6	
107 trans-1,4-Dichloro-2-buten	53	9.780	9.774	0.006	86	17982	20.0	18.8	
108 4-Ethyltoluene	105	9.835	9.835	0.000	98	219983	20.0	21.9	
109 2-Chlorotoluene	91	9.841	9.841	0.000	96	177122	20.0	21.5	
110 1,3,5-Trimethylbenzene	105	9.883	9.884	-0.001	93	175673	20.0	21.2	
111 4-Chlorotoluene	91	9.926	9.926	0.000	98	157145	20.0	20.9	
112 Butyl Methacrylate	87	9.944	9.944	0.000	94	61699	20.0	20.7	
113 tert-Butylbenzene	119	10.115	10.115	0.000	96	150171	20.0	20.7	
114 1,2,4-Trimethylbenzene	105	10.163	10.163	0.000	98	175227	20.0	20.5	
115 sec-Butylbenzene	105	10.273	10.273	0.000	99	215689	20.0	21.5	
116 4-Isopropyltoluene	119	10.376	10.376	0.000	98	185762	20.0	21.3	
117 1,3-Dichlorobenzene	146	10.394	10.395	-0.001	96	98059	20.0	21.1	
* 118 1,4-Dichlorobenzene-d4	152	10.443	10.443	0.000	95	143189	50.0	50.0	
119 1,4-Dichlorobenzene	146	10.461	10.462	-0.001	94	99017	20.0	21.2	
120 Benzyl chloride	91	10.565	10.565	0.000	98	88825	20.0	14.4	
121 2,3-Dihydroindene	117	10.620	10.620	0.000	95	180025	20.0	19.3	
122 p-Diethylbenzene	119	10.650	10.650	0.000	92	112165	20.0	21.1	
123 n-Butylbenzene	91	10.668	10.668	0.000	98	203641	20.0	21.0	
124 1,2-Dichlorobenzene	146	10.735	10.735	0.000	95	90071	20.0	21.3	
125 1,2,4,5-Tetramethylbenzene	119	11.204	11.204	0.000	98	150544	20.0	21.0	
126 1,2-Dibromo-3-Chloropropan	75	11.301	11.301	0.000	95	10760	20.0	20.3	
127 1,3,5-Trichlorobenzene	180	11.410	11.411	-0.001	97	63534	20.0	21.5	
128 Camphor	95	11.855	11.855	0.000	95	33156	100.0	109.2	
129 1,2,4-Trichlorobenzene	180	11.928	11.928	0.000	93	52423	20.0	20.5	
130 Hexachlorobutadiene	225	12.013	12.013	0.000	95	23860	20.0	22.7	
131 Naphthalene	128	12.165	12.165	0.000	99	139438	20.0	21.2	
132 1,2,3-Trichlorobenzene	180	12.390	12.390	0.000	94	45130	20.0	21.8	
S 133 1,2-Dichloroethene, Total	100				0		40.0	36.7	
S 134 Xylenes, Total	100				0		40.0	40.3	
S 135 Total BTEX	1				0		100.0	100.5	

Reagents:

GASES Li_00103	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00022	Amount Added: 20.00	Units: uL	
ACROLEIN W_00037	Amount Added: 4.00	Units: uL	
8260ISSUR50_00015	Amount Added: 5.00	Units: uL	Run Reagent

Operator ID: VOA GC/MS3

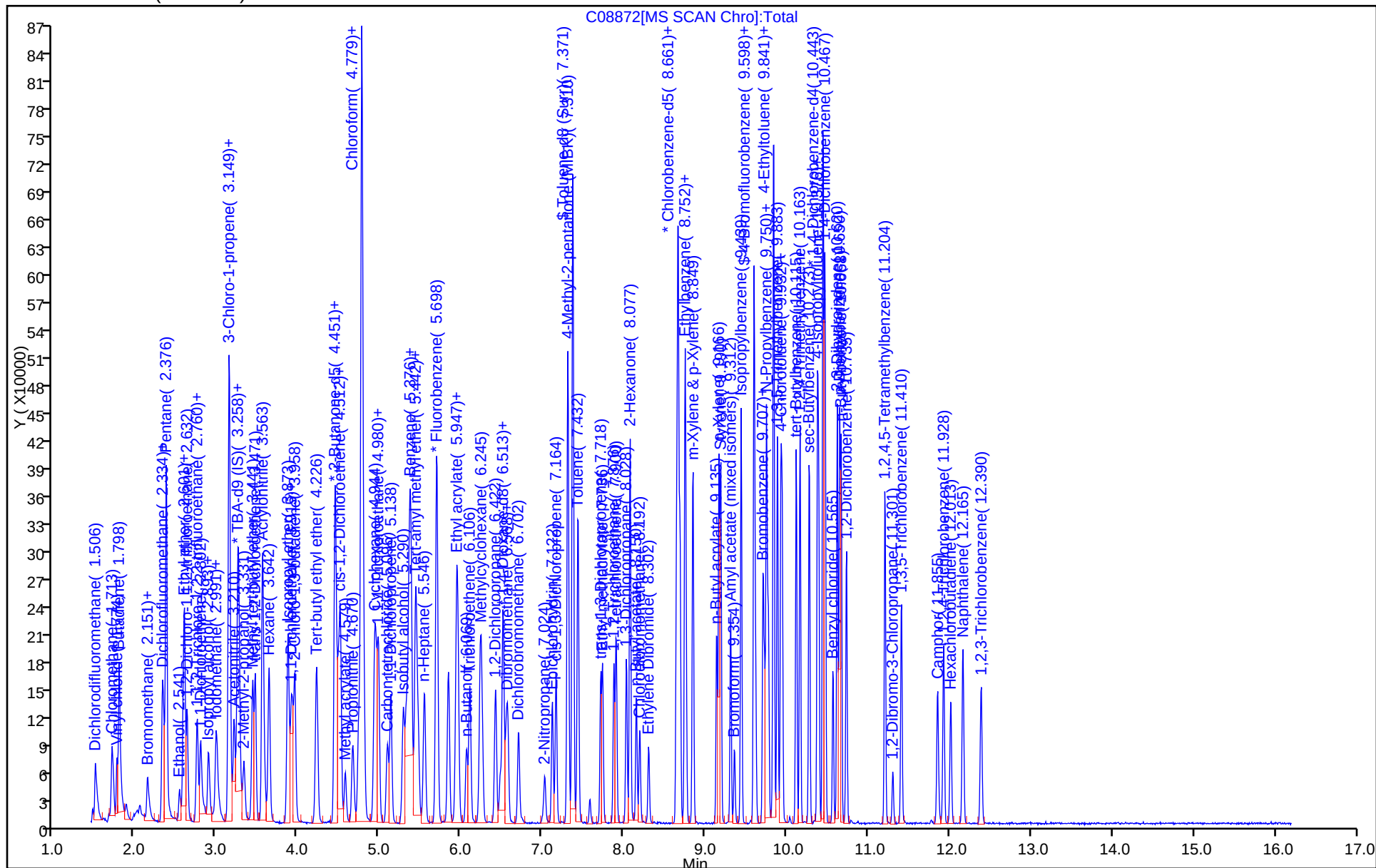
Worklist Smp#: 18

Client ID:

ALS Bottle#: 17

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Instrument ID: CVOAMS3 Start Date: 04/12/2015 19:02Analysis Batch Number: 291869 End Date: 04/13/2015 00:28

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-291869/1		04/12/2015 19:02	1	C06931.D	Rtx-624 0.25 (mm)
STD1 460-291869/3 IC		04/12/2015 19:49	1	C06933.D	Rtx-624 0.25 (mm)
STD5 460-291869/4 IC		04/12/2015 20:14	1	C06934.D	Rtx-624 0.25 (mm)
STD20 460-291869/5 ICIS		04/12/2015 20:40	1	C06935.D	Rtx-624 0.25 (mm)
STD50 460-291869/6 IC		04/12/2015 21:05	1	C06936.D	Rtx-624 0.25 (mm)
STD200 460-291869/7 IC		04/12/2015 21:30	1	C06937.D	Rtx-624 0.25 (mm)
STD500 460-291869/8 IC		04/12/2015 21:56	1	C06938.D	Rtx-624 0.25 (mm)
STD7 460-291869/11 IC		04/12/2015 23:12	1	C06941.D	Rtx-624 0.25 (mm)
ICV 460-291869/14		04/13/2015 00:28	1		Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica EdisonJob No.: 460-94855-1

SDG No.: _____

Instrument ID: CVOAMS3Start Date: 05/22/2015 20:23Analysis Batch Number: 300464End Date: 05/23/2015 07:48

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-300464/1		05/22/2015 20:23	1	C08855.D	Rtx-624 0.25 (mm)
CCVIS 460-300464/2		05/22/2015 20:46	1	C08856.D	Rtx-624 0.25 (mm)
LCS 460-300464/3		05/22/2015 21:14	1	C08857.D	Rtx-624 0.25 (mm)
MB 460-300464/7		05/22/2015 22:58	1	C08861.D	Rtx-624 0.25 (mm)
460-94855-12	TB-CP-QC-051415	05/22/2015 23:23	1	C08862.D	Rtx-624 0.25 (mm)
460-94855-1	EX1-CP-00-051415	05/22/2015 23:48	1	C08863.D	Rtx-624 0.25 (mm)
460-94855-2	EX1-CP-01-051415	05/23/2015 00:13	1	C08864.D	Rtx-624 0.25 (mm)
460-94855-3	EX2-CP-00-051415	05/23/2015 00:39	1	C08865.D	Rtx-624 0.25 (mm)
460-94855-4	EX3-CP-00-051415	05/23/2015 01:04	1	C08866.D	Rtx-624 0.25 (mm)
460-94855-5	PD09-CP-00-051415	05/23/2015 01:29	1	C08867.D	Rtx-624 0.25 (mm)
460-94855-7	PW02-CP-00-051415	05/23/2015 01:54	1	C08868.D	Rtx-624 0.25 (mm)
460-94855-9	PW06-CP-00-051415	05/23/2015 02:20	1	C08869.D	Rtx-624 0.25 (mm)
460-94855-10	PW07B-CP-00-051415	05/23/2015 02:45	1	C08870.D	Rtx-624 0.25 (mm)
460-94855-1 MS	EX1-CP-00-051415 MS	05/23/2015 03:10	10	C08871.D	Rtx-624 0.25 (mm)
460-94855-1 MSD	EX1-CP-00-051415 MSD	05/23/2015 03:35	10	C08872.D	Rtx-624 0.25 (mm)
ZZZZZ		05/23/2015 04:26	1		Rtx-624 0.25 (mm)
ZZZZZ		05/23/2015 04:51	1		Rtx-624 0.25 (mm)
ZZZZZ		05/23/2015 05:17	1		Rtx-624 0.25 (mm)
ZZZZZ		05/23/2015 05:42	1		Rtx-624 0.25 (mm)
ZZZZZ		05/23/2015 06:07	1		Rtx-624 0.25 (mm)
ZZZZZ		05/23/2015 06:33	1		Rtx-624 0.25 (mm)
ZZZZZ		05/23/2015 06:58	1		Rtx-624 0.25 (mm)
ZZZZZ		05/23/2015 07:23	1		Rtx-624 0.25 (mm)
ZZZZZ		05/23/2015 07:48	1		Rtx-624 0.25 (mm)

8270D

**Semivolatile Organic Compounds
(GC/MS)**

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Matrix: Water Level: Low
 GC Column (1): Rtxi-5Sil M ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
PD09-CP-00-051415	460-94855-5	43	28	83	91	93	99
PD09-CP-01-051415	460-94855-6	40	28	78	85	92	99
PW06-CP-00-051415	460-94855-9	41	27	77	84	92	97
PW07B-CP-00-051415	460-94855-10	30	21	66	70	62	60 *
	MB 460-298867/1-A	41	27	76	88	81	98
	MB 460-299749/1-A	59	39	90	94	76	82
	LCS 460-298867/2-A	38	25	80	89	89	106
	LCS 460-298867/4-A	42	27	77	86	79	92
	LCS 460-299749/2-A	31	18	66	70	78	68 *
	LCS 460-299749/4-A	37	24	75	76	71	74
	LCSD 460-298867/3-A	42	30	84	89	96	115
	LCSD 460-298867/5-A	46	30	81	90	80	87
	LCSD 460-299749/3-A	32	19	65	71	75	62 *
	LCSD 460-299749/5-A	31	19	69	72	73	72

	<u>QC LIMITS</u>
2FP = 2-Fluorophenol	15-96
PHL = Phenol-d5	4-86
NBZ = Nitrobenzene-d5	60-114
FBP = 2-Fluorobiphenyl	50-120
TBP = 2,4,6-Tribromophenol	51-126
TPH = Terphenyl-d14	72-130

Column to be used to flag recovery values

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: C16215.D
 Lab ID: LCS 460-298867/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Phenol	80.0	22.5	28	12-44	
2-Chlorophenol	80.0	57.3	72	53-101	
2-Methylphenol	80.0	49.8	62	40-90	
4-Methylphenol	80.0	45.5	57	30-75	
2-Nitrophenol	80.0	72.9	91	65-107	
2,4-Dimethylphenol	80.0	62.5	78	55-100	
2,4-Dichlorophenol	80.0	71.3	89	64-107	
4-Chloro-3-methylphenol	80.0	66.3	83	57-106	
2,4,6-Trichlorophenol	80.0	85.5	107	67-111	
2,4,5-Trichlorophenol	80.0	82.1	103	67-114	
2,4-Dinitrophenol	160	144	90	19-113	
4-Nitrophenol	160	39.3	25	10-44	
4,6-Dinitro-2-methylphenol	160	160	100	58-115	
Pentachlorophenol	160	147	92	55-116	
Bis (2-chloroethyl) ether	80.0	59.7	75	62-108	
N-Nitrosodi-n-propylamine	80.0	71.2	89	70-109	
Hexachloroethane	80.0	57.1	71	50-99	
Nitrobenzene	80.0	69.3	87	66-106	
Isophorone	80.0	66.5	83	68-108	
Bis (2-chloroethoxy) methane	80.0	70.6	88	69-108	
Naphthalene	80.0	64.5	81	63-101	
4-Chloroaniline	80.0	64.4	80	58-105	
Hexachlorobutadiene	80.0	61.7	77	52-99	
2-Methylnaphthalene	80.0	66.5	83	66-102	
Hexachlorocyclopentadiene	80.0	71.2	89	40-105	
2-Chloronaphthalene	80.0	77.7	97	65-107	
2-Nitroaniline	80.0	79.7	100	73-116	
Dimethyl phthalate	80.0	76.9	96	69-111	
Acenaphthylene	80.0	80.1	100	67-107	
2,6-Dinitrotoluene	80.0	82.0	102	68-114	
3-Nitroaniline	80.0	64.3	80	59-108	
Acenaphthene	80.0	79.9	100	66-108	
Dibenzofuran	80.0	76.4	96	68-105	
2,4-Dinitrotoluene	80.0	74.7	93	65-113	
Diethyl phthalate	80.0	73.0	91	66-109	
4-Chlorophenyl phenyl ether	80.0	77.8	97	68-105	
Fluorene	80.0	78.1	98	68-105	
4-Nitroaniline	80.0	57.4	72	49-119	
4-Bromophenyl phenyl ether	80.0	83.6	104	66-110	
Hexachlorobenzene	80.0	83.2	104	65-107	
Phenanthrene	80.0	75.8	95	68-110	
Anthracene	80.0	75.1	94	68-108	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: C16215.D
 Lab ID: LCS 460-298867/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Carbazole	80.0	66.3	83	67-110	
Di-n-butyl phthalate	80.0	65.3	82	68-111	
Fluoranthene	80.0	64.3	80	68-108	
Pyrene	80.0	107	134	61-110	*
Butyl benzyl phthalate	80.0	74.4	93	66-115	
3,3'-Dichlorobenzidine	80.0	60.8	76	69-129	
Benzo[a]anthracene	80.0	77.5	97	65-106	
Chrysene	80.0	74.9	94	68-112	
Bis(2-ethylhexyl) phthalate	80.0	73.4	92	66-114	
Di-n-octyl phthalate	80.0	79.0	99	51-115	
Benzo[b]fluoranthene	80.0	84.7	106	65-111	
Benzo[k]fluoranthene	80.0	79.6	100	66-114	
Benzo[a]pyrene	80.0	82.2	103	58-101	*
Indeno[1,2,3-cd]pyrene	80.0	102	127	68-121	*
Dibenz(a,h)anthracene	80.0	102	127	67-124	*
Benzo[g,h,i]perylene	80.0	106	133	65-134	
2,2'-oxybis[1-chloropropane]	80.0	59.4	74	68-107	
2,3,4,6-Tetrachlorophenol	80.0	79.4	99	70-130	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: N6015.D
 Lab ID: LCS 460-299749/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Phenol	80.0	18.3	23	12-44	
2-Chlorophenol	80.0	45.9	57	53-101	
2-Methylphenol	80.0	38.3	48	40-90	
4-Methylphenol	80.0	33.8	42	30-75	
2-Nitrophenol	80.0	55.4	69	65-107	
2,4-Dimethylphenol	80.0	50.4	63	55-100	
2,4-Dichlorophenol	80.0	54.2	68	64-107	
4-Chloro-3-methylphenol	80.0	47.3	59	57-106	
2,4,6-Trichlorophenol	80.0	61.7	77	67-111	
2,4,5-Trichlorophenol	80.0	60.5	76	67-114	
2,4-Dinitrophenol	160	115	72	19-113	
4-Nitrophenol	160	47.5	30	10-44	
4,6-Dinitro-2-methylphenol	160	127	80	58-115	
Pentachlorophenol	160	115	72	55-116	
Bis (2-chloroethyl) ether	80.0	53.6	67	62-108	
N-Nitrosodi-n-propylamine	80.0	53.6	67	70-109	*
Hexachloroethane	80.0	45.2	56	50-99	
Nitrobenzene	80.0	54.5	68	66-106	
Isophorone	80.0	56.1	70	68-108	
Bis (2-chloroethoxy) methane	80.0	57.3	72	69-108	
Naphthalene	80.0	52.8	66	63-101	
4-Chloroaniline	80.0	51.9	65	58-105	
Hexachlorobutadiene	80.0	49.9	62	52-99	
2-Methylnaphthalene	80.0	54.2	68	66-102	
Hexachlorocyclopentadiene	80.0	60.0	75	40-105	
2-Chloronaphthalene	80.0	60.6	76	65-107	
2-Nitroaniline	80.0	62.7	78	73-116	
Dimethyl phthalate	80.0	66.2	83	69-111	
Acenaphthylene	80.0	64.6	81	67-107	
2,6-Dinitrotoluene	80.0	69.8	87	68-114	
3-Nitroaniline	80.0	61.3	77	59-108	
Acenaphthene	80.0	60.9	76	66-108	
Dibenzofuran	80.0	63.6	79	68-105	
2,4-Dinitrotoluene	80.0	75.8	95	65-113	
Diethyl phthalate	80.0	67.8	85	66-109	
4-Chlorophenyl phenyl ether	80.0	64.5	81	68-105	
Fluorene	80.0	66.1	83	68-105	
4-Nitroaniline	80.0	64.2	80	49-119	
4-Bromophenyl phenyl ether	80.0	59.4	74	66-110	
Hexachlorobenzene	80.0	59.9	75	65-107	
Phenanthrene	80.0	59.5	74	68-110	
Anthracene	80.0	59.5	74	68-108	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: N6015.D
 Lab ID: LCS 460-299749/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Carbazole	80.0	59.0	74	67-110	
Di-n-butyl phthalate	80.0	57.9	72	68-111	
Fluoranthene	80.0	57.9	72	68-108	
Pyrene	80.0	57.0	71	61-110	
Butyl benzyl phthalate	80.0	57.5	72	66-115	
3,3'-Dichlorobenzidine	80.0	61.9	77	69-129	
Benzo[a]anthracene	80.0	56.3	70	65-106	
Chrysene	80.0	57.7	72	68-112	
Bis(2-ethylhexyl) phthalate	80.0	60.9	76	66-114	
Di-n-octyl phthalate	80.0	56.4	71	51-115	
Benzo[b]fluoranthene	80.0	56.4	71	65-111	
Benzo[k]fluoranthene	80.0	63.7	80	66-114	
Benzo[a]pyrene	80.0	61.5	77	58-101	
Indeno[1,2,3-cd]pyrene	80.0	61.6	77	68-121	
Dibenz(a,h)anthracene	80.0	65.5	82	67-124	
Benzo[g,h,i]perylene	80.0	64.2	80	65-134	
2,2'-oxybis[1-chloropropane]	80.0	51.8	65	68-107	*
2,3,4,6-Tetrachlorophenol	80.0	66.3	83	70-130	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: C16216.D
 Lab ID: LCSD 460-298867/3-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Phenol	80.0	27.3	34	19	30	12-44	
2-Chlorophenol	80.0	62.6	78	9	30	53-101	
2-Methylphenol	80.0	56.0	70	12	30	40-90	
4-Methylphenol	80.0	53.6	67	16	30	30-75	
2-Nitrophenol	80.0	77.5	97	6	30	65-107	
2,4-Dimethylphenol	80.0	66.8	83	7	30	55-100	
2,4-Dichlorophenol	80.0	76.1	95	7	30	64-107	
4-Chloro-3-methylphenol	80.0	72.8	91	9	30	57-106	
2,4,6-Trichlorophenol	80.0	88.6	111	4	30	67-111	
2,4,5-Trichlorophenol	80.0	85.1	106	4	30	67-114	
2,4-Dinitrophenol	160	164	102	12	30	19-113	
4-Nitrophenol	160	49.1	31	22	30	10-44	
4,6-Dinitro-2-methylphenol	160	173	108	8	30	58-115	
Pentachlorophenol	160	154	96	5	30	55-116	
Bis (2-chloroethyl) ether	80.0	65.3	82	9	30	62-108	
N-Nitrosodi-n-propylamine	80.0	78.3	98	9	30	70-109	
Hexachloroethane	80.0	59.3	74	4	30	50-99	
Nitrobenzene	80.0	73.1	91	5	30	66-106	
Isophorone	80.0	70.6	88	6	30	68-108	
Bis (2-chloroethoxy) methane	80.0	74.1	93	5	30	69-108	
Naphthalene	80.0	67.8	85	5	30	63-101	
4-Chloroaniline	80.0	70.8	88	9	30	58-105	
Hexachlorobutadiene	80.0	63.8	80	3	30	52-99	
2-Methylnaphthalene	80.0	70.0	88	5	30	66-102	
Hexachlorocyclopentadiene	80.0	70.2	88	1	30	40-105	
2-Chloronaphthalene	80.0	77.4	97	0	30	65-107	
2-Nitroaniline	80.0	83.6	104	5	30	73-116	
Dimethyl phthalate	80.0	82.6	103	7	30	69-111	
Acenaphthylene	80.0	82.1	103	2	30	67-107	
2,6-Dinitrotoluene	80.0	87.9	110	7	30	68-114	
3-Nitroaniline	80.0	72.6	91	12	30	59-108	
Acenaphthene	80.0	83.3	104	4	30	66-108	
Dibenzofuran	80.0	78.3	98	2	30	68-105	
2,4-Dinitrotoluene	80.0	80.8	101	8	30	65-113	
Diethyl phthalate	80.0	78.4	98	7	30	66-109	
4-Chlorophenyl phenyl ether	80.0	81.7	102	5	30	68-105	
Fluorene	80.0	81.1	101	4	30	68-105	
4-Nitroaniline	80.0	65.5	82	13	30	49-119	
4-Bromophenyl phenyl ether	80.0	83.4	104	0	30	66-110	
Hexachlorobenzene	80.0	84.2	105	1	30	65-107	
Phenanthrene	80.0	77.4	97	2	30	68-110	
Anthracene	80.0	76.0	95	1	30	68-108	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: C16216.D
 Lab ID: LCSD 460-298867/3-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Carbazole	80.0	70.1	88	6	30	67-110	
Di-n-butyl phthalate	80.0	69.5	87	6	30	68-111	
Fluoranthene	80.0	67.6	85	5	30	68-108	
Pyrene	80.0	115	143	7	30	61-110	*
Butyl benzyl phthalate	80.0	80.9	101	8	30	66-115	
3,3'-Dichlorobenzidine	80.0	59.7	75	2	30	69-129	
Benzo[a]anthracene	80.0	80.5	101	4	30	65-106	
Chrysene	80.0	78.0	98	4	30	68-112	
Bis(2-ethylhexyl) phthalate	80.0	79.1	99	7	30	66-114	
Di-n-octyl phthalate	80.0	91.4	114	15	30	51-115	
Benzo[b]fluoranthene	80.0	89.8	112	6	30	65-111	*
Benzo[k]fluoranthene	80.0	84.9	106	6	30	66-114	
Benzo[a]pyrene	80.0	83.8	105	2	30	58-101	*
Indeno[1,2,3-cd]pyrene	80.0	95.1	119	7	30	68-121	
Dibenz(a,h)anthracene	80.0	95.4	119	7	30	67-124	
Benzo[g,h,i]perylene	80.0	99.0	124	7	30	65-134	
2,2'-oxybis[1-chloropropane]	80.0	63.3	79	6	30	68-107	
2,3,4,6-Tetrachlorophenol	80.0	85.2	107	7	30	70-130	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: N6016.D
 Lab ID: LCSD 460-299749/3-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Phenol	80.0	18.6	23	2	30	12-44	
2-Chlorophenol	80.0	46.5	58	1	30	53-101	
2-Methylphenol	80.0	39.1	49	2	30	40-90	
4-Methylphenol	80.0	34.4	43	2	30	30-75	
2-Nitrophenol	80.0	55.5	69	0	30	65-107	
2,4-Dimethylphenol	80.0	51.2	64	2	30	55-100	
2,4-Dichlorophenol	80.0	53.3	67	2	30	64-107	
4-Chloro-3-methylphenol	80.0	46.4	58	2	30	57-106	
2,4,6-Trichlorophenol	80.0	62.8	78	2	30	67-111	
2,4,5-Trichlorophenol	80.0	60.4	75	0	30	67-114	
2,4-Dinitrophenol	160	106	66	8	30	19-113	
4-Nitrophenol	160	46.5	29	2	30	10-44	
4,6-Dinitro-2-methylphenol	160	126	79	1	30	58-115	
Pentachlorophenol	160	108	68	6	30	55-116	
Bis (2-chloroethyl) ether	80.0	54.5	68	2	30	62-108	
N-Nitrosodi-n-propylamine	80.0	53.8	67	0	30	70-109	*
Hexachloroethane	80.0	44.3	55	2	30	50-99	
Nitrobenzene	80.0	55.1	69	1	30	66-106	
Isophorone	80.0	54.1	68	4	30	68-108	
Bis (2-chloroethoxy) methane	80.0	56.3	70	2	30	69-108	
Naphthalene	80.0	52.2	65	1	30	63-101	
4-Chloroaniline	80.0	52.1	65	0	30	58-105	
Hexachlorobutadiene	80.0	50.2	63	1	30	52-99	
2-Methylnaphthalene	80.0	53.6	67	1	30	66-102	
Hexachlorocyclopentadiene	80.0	64.7	81	8	30	40-105	
2-Chloronaphthalene	80.0	62.0	77	2	30	65-107	
2-Nitroaniline	80.0	65.0	81	4	30	73-116	
Dimethyl phthalate	80.0	65.7	82	1	30	69-111	
Acenaphthylene	80.0	66.2	83	2	30	67-107	
2,6-Dinitrotoluene	80.0	68.6	86	2	30	68-114	
3-Nitroaniline	80.0	60.5	76	1	30	59-108	
Acenaphthene	80.0	62.6	78	3	30	66-108	
Dibenzofuran	80.0	63.8	80	0	30	68-105	
2,4-Dinitrotoluene	80.0	74.5	93	2	30	65-113	
Diethyl phthalate	80.0	66.2	83	2	30	66-109	
4-Chlorophenyl phenyl ether	80.0	66.0	82	2	30	68-105	
Fluorene	80.0	66.8	84	1	30	68-105	
4-Nitroaniline	80.0	66.7	83	4	30	49-119	
4-Bromophenyl phenyl ether	80.0	57.1	71	4	30	66-110	
Hexachlorobenzene	80.0	60.9	76	2	30	65-107	
Phenanthrene	80.0	58.8	74	1	30	68-110	
Anthracene	80.0	58.1	73	2	30	68-108	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: N6016.D
 Lab ID: LCSD 460-299749/3-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Carbazole	80.0	59.3	74	0	30	67-110	
Di-n-butyl phthalate	80.0	57.6	72	0	30	68-111	
Fluoranthene	80.0	58.7	73	1	30	68-108	
Pyrene	80.0	52.6	66	8	30	61-110	
Butyl benzyl phthalate	80.0	53.7	67	7	30	66-115	
3,3'-Dichlorobenzidine	80.0	62.0	78	0	30	69-129	
Benzo[a]anthracene	80.0	54.6	68	3	30	65-106	
Chrysene	80.0	57.2	72	1	30	68-112	
Bis(2-ethylhexyl) phthalate	80.0	58.3	73	4	30	66-114	
Di-n-octyl phthalate	80.0	55.1	69	2	30	51-115	
Benzo[b]fluoranthene	80.0	60.2	75	6	30	65-111	
Benzo[k]fluoranthene	80.0	62.6	78	2	30	66-114	
Benzo[a]pyrene	80.0	62.9	79	2	30	58-101	
Indeno[1,2,3-cd]pyrene	80.0	63.0	79	2	30	68-121	
Dibenz(a,h)anthracene	80.0	67.8	85	3	30	67-124	
Benzo[g,h,i]perylene	80.0	65.5	82	2	30	65-134	
2,2'-oxybis[1-chloropropane]	80.0	52.0	65	0	30	68-107	*
2,3,4,6-Tetrachlorophenol	80.0	64.9	81	2	30	70-130	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-94855-1
SDG No.: _____
Lab File ID: C16214.D Lab Sample ID: MB 460-298867/1-A
Matrix: Water Date Extracted: 05/15/2015 11:18
Instrument ID: CBNAMS13 Date Analyzed: 05/18/2015 08:18
Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-298867/2-A	C16215.D	05/18/2015 08:46
	LCSD 460-298867/3-A	C16216.D	05/18/2015 09:14
PD09-CP-00-051415	460-94855-5	M93151.D	05/25/2015 04:56
PD09-CP-01-051415	460-94855-6	M93152.D	05/25/2015 05:18
PW06-CP-00-051415	460-94855-9	M93153.D	05/25/2015 05:40

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-94855-1
SDG No.: _____
Lab File ID: N6040.D Lab Sample ID: MB 460-299749/1-A
Matrix: Water Date Extracted: 05/20/2015 11:24
Instrument ID: CBNAMS14 Date Analyzed: 05/21/2015 15:27
Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-299749/2-A	N6015.D	05/21/2015 05:14
	LCSD 460-299749/3-A	N6016.D	05/21/2015 05:38
	LCS 460-299749/4-A	N6017.D	05/21/2015 06:03
	LCSD 460-299749/5-A	N6018.D	05/21/2015 06:27
PW07B-CP-00-051415	460-94855-10	C16512.D	05/26/2015 10:34

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-94855-1
SDG No.: _____
Lab File ID: C15816.D DFTPP Injection Date: 05/07/2015
Instrument ID: CBNAMS13 DFTPP Injection Time: 11:56
Analysis Batch No.: 297054

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	52.9
68	Less than 2.0 % of mass 69	0.5 (1.0)1
69	Mass 69 relative abundance	52.0
70	Less than 2.0 % of mass 69	0.1 (0.3)1
127	40.0 - 60.0 % of mass 198	57.9
197	Less than 1.0 % of mass 198	0.8
198	Base Peak, 100 % relative abundance	100.0
199	5.0- 9.0 % of mass 198	7.2
275	10.0 - 30.0 % of mass 198	25.1
365	Greater than 1.0 % of mass 198	3.0
441	Present but less than mass 443	11.0 (92.8)3
442	Greater than 40.0 % of mass 198	61.0
443	17.0 - 23.0 % of mass 442	11.9 (19.5)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-297054/2	C15817.D	05/07/2015	12:17
	STD24 460-297054/3	C15818.D	05/07/2015	12:48
	STD16 460-297054/4	C15819.D	05/07/2015	13:17
	STD4 460-297054/5	C15820.D	05/07/2015	13:46
	STD2 460-297054/6	C15821.D	05/07/2015	14:16
	STD1 460-297054/7	C15822.D	05/07/2015	14:45
	STD02 460-297054/8	C15823.D	05/07/2015	15:14
	STD01 460-297054/9	C15824.D	05/07/2015	15:43
	STD10 460-297054/10	C15825.D	05/07/2015	16:12
	STD24 460-297054/11	C15826.D	05/07/2015	16:42
	STD16 460-297054/12	C15827.D	05/07/2015	17:11
	STD4 460-297054/13	C15828.D	05/07/2015	17:40
	STD2 460-297054/14	C15829.D	05/07/2015	18:09
	STD1 460-297054/15	C15830.D	05/07/2015	18:38
	STD02 460-297054/16	C15831.D	05/07/2015	19:08

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Lab File ID: C16208.D DFTPP Injection Date: 05/18/2015
 Instrument ID: CBNAMS13 DFTPP Injection Time: 05:29
 Analysis Batch No.: 299127

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	48.9
68	Less than 2.0 % of mass 69	0.9 (1.8)1
69	Mass 69 relative abundance	48.2
70	Less than 2.0 % of mass 69	0.2 (0.4)1
127	40.0 - 60.0 % of mass 198	54.8
197	Less than 1.0 % of mass 198	0.0
198	Base Peak, 100 % relative abundance	100.0
199	5.0- 9.0 % of mass 198	6.7
275	10.0 - 30.0 % of mass 198	24.8
365	Greater than 1.0 % of mass 198	2.9
441	Present but less than mass 443	12.0 (93.2)3
442	Greater than 40.0 % of mass 198	73.0
443	17.0 - 23.0 % of mass 442	12.9 (17.7)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-299127/2	C16209.D	05/18/2015	05:47
	CCV 460-299127/3	C16210.D	05/18/2015	06:16
	MB 460-298867/1-A	C16214.D	05/18/2015	08:18
	LCS 460-298867/2-A	C16215.D	05/18/2015	08:46
	LCSD 460-298867/3-A	C16216.D	05/18/2015	09:14

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Lab File ID: C16448.D DFTPP Injection Date: 05/23/2015
 Instrument ID: CBNAMS13 DFTPP Injection Time: 09:58
 Analysis Batch No.: 300593

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	53.1
68	Less than 2.0 % of mass 69	0.8 (1.5)1
69	Mass 69 relative abundance	52.0
70	Less than 2.0 % of mass 69	0.0 (0.0)1
127	40.0 - 60.0 % of mass 198	57.8
197	Less than 1.0 % of mass 198	0.5
198	Base Peak, 100 % relative abundance	100.0
199	5.0- 9.0 % of mass 198	7.1
275	10.0 - 30.0 % of mass 198	23.7
365	Greater than 1.0 % of mass 198	2.6
441	Present but less than mass 443	10.2 (86.3)3
442	Greater than 40.0 % of mass 198	57.7
443	17.0 - 23.0 % of mass 442	11.8 (20.4)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-300593/2	C16449.D	05/23/2015	10:17
	CCV 460-300593/3	C16450.D	05/23/2015	10:45
	LCS 460-298867/4-A	C16454.D	05/23/2015	12:34
	LCSD 460-298867/5-A	C16455.D	05/23/2015	13:02

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-94855-1
SDG No.: _____
Lab File ID: C16505.D DFTPP Injection Date: 05/26/2015
Instrument ID: CBNAMS13 DFTPP Injection Time: 06:24
Analysis Batch No.: 300751

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	48.8
68	Less than 2.0 % of mass 69	0.7 (1.4) 1
69	Mass 69 relative abundance	49.7
70	Less than 2.0 % of mass 69	0.0 (0.0) 1
127	40.0 - 60.0 % of mass 198	55.5
197	Less than 1.0 % of mass 198	0.0
198	Base Peak, 100 % relative abundance	100.0
199	5.0- 9.0 % of mass 198	6.6
275	10.0 - 30.0 % of mass 198	23.4
365	Greater than 1.0 % of mass 198	2.8
441	Present but less than mass 443	12.4 (96.1) 3
442	Greater than 40.0 % of mass 198	66.5
443	17.0 - 23.0 % of mass 442	12.9 (19.4) 2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-300751/2	C16506.D	05/26/2015	06:47
	CCV 460-300751/3	C16507.D	05/26/2015	07:55
PW07B-CP-00-051415	460-94855-10	C16512.D	05/26/2015	10:34

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-94855-1
SDG No.: _____
Lab File ID: N5993.D DFTPP Injection Date: 05/20/2015
Instrument ID: CBNAMS14 DFTPP Injection Time: 17:51
Analysis Batch No.: 299810

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	45.3
68	Less than 2.0 % of mass 69	0.8 (2.0)1
69	Mass 69 relative abundance	37.8
70	Less than 2.0 % of mass 69	0.2 (0.5)1
127	40.0 - 60.0 % of mass 198	49.9
197	Less than 1.0 % of mass 198	0.1
198	Base Peak, 100 % relative abundance	100.0
199	5.0- 9.0 % of mass 198	6.6
275	10.0 - 30.0 % of mass 198	21.2
365	Greater than 1.0 % of mass 198	2.4
441	Present but less than mass 443	9.2 (82.3)3
442	Greater than 40.0 % of mass 198	60.9
443	17.0 - 23.0 % of mass 442	11.2 (18.4)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-299810/2	N5994.D	05/20/2015	18:33
	STD24 460-299810/3	N5995.D	05/20/2015	18:57
	STD16 460-299810/4	N5996.D	05/20/2015	19:22
	STD4 460-299810/5	N5997.D	05/20/2015	19:46
	STD2 460-299810/6	N5998.D	05/20/2015	20:10
	STD1 460-299810/7	N5999.D	05/20/2015	20:34
	STD02 460-299810/8	N6000.D	05/20/2015	20:59
	STD01 460-299810/9	N6001.D	05/20/2015	21:23
	STD10 460-299810/10	N6002.D	05/20/2015	21:47
	STD24 460-299810/11	N6003.D	05/20/2015	22:12
	STD16 460-299810/12	N6004.D	05/20/2015	22:36
	STD4 460-299810/13	N6005.D	05/20/2015	23:00
	STD2 460-299810/14	N6006.D	05/20/2015	23:25
	STD1 460-299810/15	N6007.D	05/20/2015	23:49
	STD02 460-299810/16	N6008.D	05/21/2015	00:13

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-94855-1
SDG No.: _____
Lab File ID: N6011.D DFTPP Injection Date: 05/21/2015
Instrument ID: CBNAMS14 DFTPP Injection Time: 03:43
Analysis Batch No.: 299934

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	49.1
68	Less than 2.0 % of mass 69	0.6 (1.5)1
69	Mass 69 relative abundance	38.6
70	Less than 2.0 % of mass 69	0.2 (0.5)1
127	40.0 - 60.0 % of mass 198	49.1
197	Less than 1.0 % of mass 198	1.0
198	Base Peak, 100 % relative abundance	100.0
199	5.0- 9.0 % of mass 198	6.5
275	10.0 - 30.0 % of mass 198	23.1
365	Greater than 1.0 % of mass 198	2.6
441	Present but less than mass 443	10.9 (95.8)3
442	Greater than 40.0 % of mass 198	64.0
443	17.0 - 23.0 % of mass 442	11.4 (17.8)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-299934/2	N6012.D	05/21/2015	04:01
	CCV 460-299934/3	N6013.D	05/21/2015	04:25
	LCS 460-299749/2-A	N6015.D	05/21/2015	05:14
	LCSD 460-299749/3-A	N6016.D	05/21/2015	05:38
	LCS 460-299749/4-A	N6017.D	05/21/2015	06:03
	LCSD 460-299749/5-A	N6018.D	05/21/2015	06:27
	MB 460-299749/1-A	N6040.D	05/21/2015	15:27

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-94855-1
SDG No.: _____
Lab File ID: M93087.D DFTPP Injection Date: 05/23/2015
Instrument ID: CBNAMS6 DFTPP Injection Time: 15:00
Analysis Batch No.: 300631

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	52.6
68	Less than 2.0 % of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	68.7
70	Less than 2.0 % of mass 69	0.2 (0.4)1
127	40.0 - 60.0 % of mass 198	42.9
197	Less than 1.0 % of mass 198	0.0
198	Base Peak, 100 % relative abundance	100.0
199	5.0- 9.0 % of mass 198	6.8
275	10.0 - 30.0 % of mass 198	24.1
365	Greater than 1.0 % of mass 198	3.5
441	Present but less than mass 443	4.4 (24.8)3
442	Greater than 40.0 % of mass 198	89.2
443	17.0 - 23.0 % of mass 442	17.8 (19.9)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-300631/2	M93088.D	05/23/2015	15:21
	STD24 460-300631/3	M93089.D	05/23/2015	15:46
	STD16 460-300631/4	M93090.D	05/23/2015	16:08
	STD4 460-300631/5	M93091.D	05/23/2015	16:30
	STD2 460-300631/6	M93092.D	05/23/2015	16:52
	STD1 460-300631/7	M93093.D	05/23/2015	17:14
	STD02 460-300631/8	M93094.D	05/23/2015	17:37
	STD01 460-300631/9	M93095.D	05/23/2015	17:59
	STD10 460-300631/10	M93096.D	05/23/2015	18:21
	STD24 460-300631/11	M93097.D	05/23/2015	18:43
	STD16 460-300631/12	M93098.D	05/23/2015	19:05
	STD4 460-300631/13	M93099.D	05/23/2015	19:27
	STD2 460-300631/14	M93100.D	05/23/2015	19:49
	STD1 460-300631/15	M93101.D	05/23/2015	20:11
	STD02 460-300631/16	M93102.D	05/23/2015	20:34

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Lab File ID: M93134.D DFTPP Injection Date: 05/24/2015
 Instrument ID: CBNAMS6 DFTPP Injection Time: 19:49
 Analysis Batch No.: 300699

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	50.0
68	Less than 2.0 % of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	69.4
70	Less than 2.0 % of mass 69	0.2 (0.3)1
127	40.0 - 60.0 % of mass 198	43.7
197	Less than 1.0 % of mass 198	0.0
198	Base Peak, 100 % relative abundance	100.0
199	5.0- 9.0 % of mass 198	7.8
275	10.0 - 30.0 % of mass 198	25.4
365	Greater than 1.0 % of mass 198	3.9
441	Present but less than mass 443	13.2 (73.6)3
442	Greater than 40.0 % of mass 198	93.5
443	17.0 - 23.0 % of mass 442	17.9 (19.2)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-300699/2	M93135.D	05/24/2015	20:08
	CCV 460-300699/3	M93136.D	05/24/2015	23:22
PD09-CP-00-051415	460-94855-5	M93151.D	05/25/2015	04:56
PD09-CP-01-051415	460-94855-6	M93152.D	05/25/2015	05:18
PW06-CP-00-051415	460-94855-9	M93153.D	05/25/2015	05:40

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Sample No.: CCVIS 460-299127/2 Date Analyzed: 05/18/2015 05:47
 Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25 (mm)
 Lab File ID (Standard): C16209.D Heated Purge: (Y/N) N
 Calibration ID: 49805

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		891932	5.53	3067706	6.82	1115968	8.60
UPPER LIMIT		1783864	6.03	6135412	7.32	2231936	9.10
LOWER LIMIT		445966	5.03	1533853	6.32	557984	8.10
LAB SAMPLE ID		CLIENT SAMPLE ID					
MB 460-298867/1-A		782333	5.52	2629104	6.81	979273	8.60
LCS 460-298867/2-A		1199837	5.53	4357599	6.82	1689033	8.60
LCSD 460-298867/3-A		1226200	5.53	4592981	6.82	1882818	8.60

DCB = 1,4-Dichlorobenzene-d4

NPT = Naphthalene-d8

ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area

RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Sample No.: CCVIS 460-299127/2 Date Analyzed: 05/18/2015 05:47
 Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25 (mm)
 Lab File ID (Standard): C16209.D Heated Purge: (Y/N) N
 Calibration ID: 49805

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1238829	10.12	347285	13.46	286340	15.86
UPPER LIMIT		2477658	10.62	694570	13.96	572680	16.36
LOWER LIMIT		619415	9.62	173643	12.96	143170	15.36
LAB SAMPLE ID		CLIENT SAMPLE ID					
MB 460-298867/1-A		1219169	10.11	346176	13.46	306569	15.86
LCS 460-298867/2-A		1915675	10.12	471902	13.46	313873	15.86
LCSD 460-298867/3-A		2278629	10.12	573414	13.46	318771	15.86

PHN = Phenanthrene-d10
 CRY = Chrysene-d12
 PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Sample No.: CCVIS 460-300593/2 Date Analyzed: 05/23/2015 10:17
 Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25 (mm)
 Lab File ID (Standard): C16449.D Heated Purge: (Y/N) N
 Calibration ID: 49805

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		842393	5.42	2744976	6.71	979851	8.49
UPPER LIMIT		1684786	5.92	5489952	7.21	1959702	8.99
LOWER LIMIT		421197	4.92	1372488	6.21	489926	7.99
LAB SAMPLE ID		CLIENT SAMPLE ID					
LCS 460-298867/4-A		1152306	5.42	4077610	6.70	1686252	8.49
LCSD 460-298867/5-A		1117472	5.42	3885435	6.71	1544852	8.49

DCB = 1,4-Dichlorobenzene-d4
 NPT = Naphthalene-d8
 ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Sample No.: CCVIS 460-300593/2 Date Analyzed: 05/23/2015 10:17
 Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25 (mm)
 Lab File ID (Standard): C16449.D Heated Purge: (Y/N) N
 Calibration ID: 49805

	PHN		CRY		PRY	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	1148231	10.00	516666	13.30	531557	15.67
UPPER LIMIT	2296462	10.50	1033332	13.80	1063114	16.17
LOWER LIMIT	574116	9.50	258333	12.80	265779	15.17
LAB SAMPLE ID	CLIENT SAMPLE ID					
LCS 460-298867/4-A		2157303	10.00	650346	13.30	518900 15.67
LCSD 460-298867/5-A		1916693	10.00	642022	13.30	543636 15.67

PHN = Phenanthrene-d10
 CRY = Chrysene-d12
 PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Sample No.: CCVIS 460-300751/2 Date Analyzed: 05/26/2015 06:47
 Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25 (mm)
 Lab File ID (Standard): C16506.D Heated Purge: (Y/N) N
 Calibration ID: 49805

	DCB		NPT		ANT	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	760440	5.40	2639786	6.69	970622	8.48
UPPER LIMIT	1520880	5.90	5279572	7.19	1941244	8.98
LOWER LIMIT	380220	4.90	1319893	6.19	485311	7.98
LAB SAMPLE ID	CLIENT SAMPLE ID					
460-94855-10	PW07B-CP-00-051415		1202167	5.40	4460113	6.69
					1797874	8.48

DCB = 1,4-Dichlorobenzene-d4

NPT = Naphthalene-d8

ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area

RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Sample No.: CCVIS 460-300751/2 Date Analyzed: 05/26/2015 06:47
 Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25 (mm)
 Lab File ID (Standard): C16506.D Heated Purge: (Y/N) N
 Calibration ID: 49805

	PHN		CRY		PRY	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	1274397	9.99	737765	13.29	661001	15.64
UPPER LIMIT	2548794	10.49	1475530	13.79	1322002	16.14
LOWER LIMIT	637199	9.49	368883	12.79	330501	15.14
LAB SAMPLE ID	CLIENT SAMPLE ID					
460-94855-10	PW07B-CP-00-051415		2326442	9.98	919461	13.28
					796254	15.64

PHN = Phenanthrene-d10
 CRY = Chrysene-d12
 PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Sample No.: CCVIS 460-299934/2 Date Analyzed: 05/21/2015 04:01
 Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil MS ID: 0.25 (mm)
 Lab File ID (Standard): N6012.D Heated Purge: (Y/N) N
 Calibration ID: 50045

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		876133	3.88	2827543	5.16	976457	6.92
UPPER LIMIT		1752266	4.38	5655086	5.66	1952914	7.42
LOWER LIMIT		438067	3.38	1413772	4.66	488229	6.42
LAB SAMPLE ID		CLIENT SAMPLE ID					
LCS 460-299749/2-A		1042224	3.88	3517581	5.16	1322347	6.92
LCSD 460-299749/3-A		966889	3.88	3227264	5.16	1141212	6.92
LCS 460-299749/4-A		1081284	3.88	3551913	5.16	1247971	6.92
LCSD 460-299749/5-A		929510	3.88	3194294	5.16	1174023	6.92
MB 460-299749/1-A		1603636	3.88	5465589	5.16	1889874	6.92

DCB = 1,4-Dichlorobenzene-d4

NPT = Naphthalene-d8

ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area

RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Sample No.: CCVIS 460-299934/2 Date Analyzed: 05/21/2015 04:01
 Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil MS ID: 0.25 (mm)
 Lab File ID (Standard): N6012.D Heated Purge: (Y/N) N
 Calibration ID: 50045

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1412780	8.38	1057229	11.06	1079328	12.88
UPPER LIMIT		2825560	8.88	2114458	11.56	2158656	13.38
LOWER LIMIT		706390	7.88	528615	10.56	539664	12.38
LAB SAMPLE ID		CLIENT SAMPLE ID					
LCS 460-299749/2-A		1927001	8.38	1231964	11.06	1208131	12.87
LCSD 460-299749/3-A		1661274	8.38	1152086	11.06	1153659	12.88
LCS 460-299749/4-A		1745381	8.38	1138626	11.06	1014053	12.87
LCSD 460-299749/5-A		1823734	8.38	1274523	11.06	1106986	12.87
MB 460-299749/1-A		2489711	8.38	1583357	11.06	1548337	12.89

PHN = Phenanthrene-d10
 CRY = Chrysene-d12
 PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Sample No.: CCVIS 460-300699/2 Date Analyzed: 05/24/2015 20:08
 Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil MS ID: 0.25 (mm)
 Lab File ID (Standard): M93135.D Heated Purge: (Y/N) N
 Calibration ID: 50086

	DCB		NPT		ANT	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	584205	4.31	1794769	5.60	1159963	7.35
UPPER LIMIT	1168410	4.81	3589538	6.10	2319926	7.85
LOWER LIMIT	292103	3.81	897385	5.10	579982	6.85
LAB SAMPLE ID	CLIENT SAMPLE ID					
460-94855-5	PD09-CP-00-051415		619334	4.30	2115196	5.59
460-94855-6	PD09-CP-01-051415		588517	4.30	1969537	5.58
460-94855-9	PW06-CP-00-051415		618142	4.30	2082359	5.59
					1450914	7.34
					1435951	7.34
					1442182	7.34

DCB = 1,4-Dichlorobenzene-d4

NPT = Naphthalene-d8

ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area

RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Sample No.: CCVIS 460-300699/2 Date Analyzed: 05/24/2015 20:08
 Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil MS ID: 0.25 (mm)
 Lab File ID (Standard): M93135.D Heated Purge: (Y/N) N
 Calibration ID: 50086

	PHN		CRY		PRY		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	2244129	8.81	1937976	11.56	1704921	13.45	
UPPER LIMIT	4488258	9.31	3875952	12.06	3409842	13.95	
LOWER LIMIT	1122065	8.31	968988	11.06	852461	12.95	
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-94855-5	PD09-CP-00-051415	2871848	8.81	2276634	11.55	1867023	13.45
460-94855-6	PD09-CP-01-051415	2913828	8.81	2373582	11.54	2006392	13.45
460-94855-9	PW06-CP-00-051415	2858779	8.80	2360453	11.55	2073585	13.45

PHN = Phenanthrene-d10
 CRY = Chrysene-d12
 PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-94855-1</u>
SDG No.: _____	
Client Sample ID: <u>PD09-CP-00-051415</u>	Lab Sample ID: <u>460-94855-5</u>
Matrix: <u>Water</u>	Lab File ID: <u>M93151.D</u>
Analysis Method: <u>8270D</u>	Date Collected: <u>05/14/2015 07:20</u>
Extract. Method: <u>3510C</u>	Date Extracted: <u>05/15/2015 11:18</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>05/25/2015 04:56</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>5 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>300699</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	10	U	10	0.60
95-57-8	2-Chlorophenol	10	U	10	0.93
95-48-7	2-Methylphenol	10	U	10	1.4
106-44-5	4-Methylphenol	10	U	10	1.0
88-75-5	2-Nitrophenol	10	U	10	0.68
105-67-9	2,4-Dimethylphenol	10	U	10	1.2
120-83-2	2,4-Dichlorophenol	10	U	10	1.1
59-50-7	4-Chloro-3-methylphenol	10	U	10	1.1
88-06-2	2,4,6-Trichlorophenol	10	U	10	1.4
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.2
51-28-5	2,4-Dinitrophenol	20	U	20	2.0
100-02-7	4-Nitrophenol	20	U	20	2.0
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	3.0
87-86-5	Pentachlorophenol	20	U	20	2.7
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.30
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.27
67-72-1	Hexachloroethane	1.0	U	1.0	0.15
98-95-3	Nitrobenzene	1.0	U	1.0	0.34
78-59-1	Isophorone	10	U	10	1.3
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	1.0
91-20-3	Naphthalene	10	U	10	2.0
106-47-8	4-Chloroaniline	10	U	10	0.32
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.68
91-57-6	2-Methylnaphthalene	10	U	10	1.5
77-47-4	Hexachlorocyclopentadiene	10	U	10	1.5
91-58-7	2-Chloronaphthalene	10	U	10	1.3
88-74-4	2-Nitroaniline	10	U	10	2.0
131-11-3	Dimethyl phthalate	10	U	10	1.1
208-96-8	Acenaphthylene	10	U	10	1.8
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.27
99-09-2	3-Nitroaniline	10	U	10	2.9
83-32-9	Acenaphthene	10	U	10	1.1
132-64-9	Dibenzofuran	10	U	10	1.5
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.28

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-94855-1</u>
SDG No.: _____	
Client Sample ID: <u>PD09-CP-00-051415</u>	Lab Sample ID: <u>460-94855-5</u>
Matrix: <u>Water</u>	Lab File ID: <u>M93151.D</u>
Analysis Method: <u>8270D</u>	Date Collected: <u>05/14/2015 07:20</u>
Extract. Method: <u>3510C</u>	Date Extracted: <u>05/15/2015 11:18</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>05/25/2015 04:56</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>5 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>300699</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	10	U	10	1.4
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	1.5
86-73-7	Fluorene	10	U	10	1.7
100-01-6	4-Nitroaniline	10	U	10	2.9
86-30-6	N-Nitrosodiphenylamine	10	U	10	1.0
101-55-3	4-Bromophenyl phenyl ether	10	U	10	1.1
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.20
85-01-8	Phenanthrene	10	U	10	1.2
120-12-7	Anthracene	10	U	10	0.85
86-74-8	Carbazole	10	U	10	1.2
84-74-2	Di-n-butyl phthalate	10	U	10	1.0
206-44-0	Fluoranthene	10	U	10	1.1
129-00-0	Pyrene	10	U *	10	1.1
85-68-7	Butyl benzyl phthalate	10	U	10	1.4
91-94-1	3,3'-Dichlorobenzidine	10	U	10	3.2
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.18
218-01-9	Chrysene	2.0	U	2.0	1.4
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.81
117-84-0	Di-n-octyl phthalate	10	U	10	0.88
205-99-2	Benzo[b]fluoranthene	1.0	U *	1.0	0.21
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.14
50-32-8	Benzo[a]pyrene	1.0	U *	1.0	0.14
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U *	1.0	0.11
53-70-3	Dibenz(a,h)anthracene	1.0	U *	1.0	0.16
191-24-2	Benzo[g,h,i]perylene	10	U	10	0.93
92-52-4	1,1'-Biphenyl	10	U	10	1.8
98-86-2	Acetophenone	10	U	10	0.89
100-52-7	Benzaldehyde	10	U	10	2.1
105-60-2	Caprolactam	10	U	10	0.91
1912-24-9	Atrazine	2.0	U	2.0	1.0
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	1.3
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	10	1.8
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	0.89

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1
SDG No.: _____
Client Sample ID: PD09-CP-00-051415 Lab Sample ID: 460-94855-5
Matrix: Water Lab File ID: M93151.D
Analysis Method: 8270D Date Collected: 05/14/2015 07:20
Extract. Method: 3510C Date Extracted: 05/15/2015 11:18
Sample wt/vol: 250 (mL) Date Analyzed: 05/25/2015 04:56
Con. Extract Vol.: 2 (mL) Dilution Factor: 1
Injection Volume: 5 (uL) Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 300699 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	83		60-114
4165-62-2	Phenol-d5	28		4-86
1718-51-0	Terphenyl-d14	99		72-130
118-79-6	2,4,6-Tribromophenol	93		51-126
367-12-4	2-Fluorophenol	43		15-96
321-60-8	2-Fluorobiphenyl	91		50-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150524-27775.b\M93151.D
 Lims ID: 460-94855-E-5-A Lab Sample ID: 460-94855-5
 Client ID: PD09-CP-00-051415
 Sample Type: Client
 Inject. Date: 25-May-2015 04:56:30 ALS Bottle#: 18 Worklist Smp#: 18
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027775-018
 Operator ID: Instrument ID: CBNAMS6
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150524-27775.b\8270LVI_R6.m
 Limit Group: SV 8270D ICAL
 Last Update: 25-May-2015 20:07:41 Calib Date: 23-May-2015 20:34:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93102.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK019

First Level Reviewer: bayoumiw

Date: 25-May-2015 20:07:41

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	3.021	3.032	-0.011	73	371011	4.32	
\$ 6 Phenol-d5	99	3.939	3.961	-0.022	71	343992	2.78	
* 14 1,4-Dichlorobenzene-d4	152	4.301	4.300	0.001	92	619334	8.00	
\$ 28 Nitrobenzene-d5	82	4.858	4.876	-0.018	97	1606462	8.27	
* 38 Naphthalene-d8	136	5.591	5.584	0.007	97	2115196	8.00	
\$ 52 2-Fluorobiphenyl	172	6.678	6.683	-0.005	95	2554399	9.08	
* 64 Acenaphthene-d10	164	7.343	7.342	0.001	94	1450914	8.00	
\$ 80 2,4,6-Tribromophenol	330	8.120	8.132	-0.012	95	782156	9.33	
* 87 Phenanthrene-d10	188	8.808	8.804	0.004	97	2871848	8.00	
\$ 96 Terphenyl-d14	244	10.376	10.378	-0.002	98	3098694	9.87	
* 102 Chrysene-d12	240	11.546	11.547	-0.001	97	2276634	8.00	
* 109 Perylene-d12	264	13.445	13.449	-0.004	97	1867023	8.00	

Reagents:

SM_ISTD_LVI_00072

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CBNAMS6\20150524-27775.b\M93151.D

Injection Date: 25-May-2015 04:56:30

Instrument ID: CBNAMS6

Operator ID:

Lims ID: 460-94855-E-5-A

Lab Sample ID: 460-94855-5

Worklist Smp#: 18

Client ID: PD09-CP-00-051415

Injection Vol: 5.0 ul

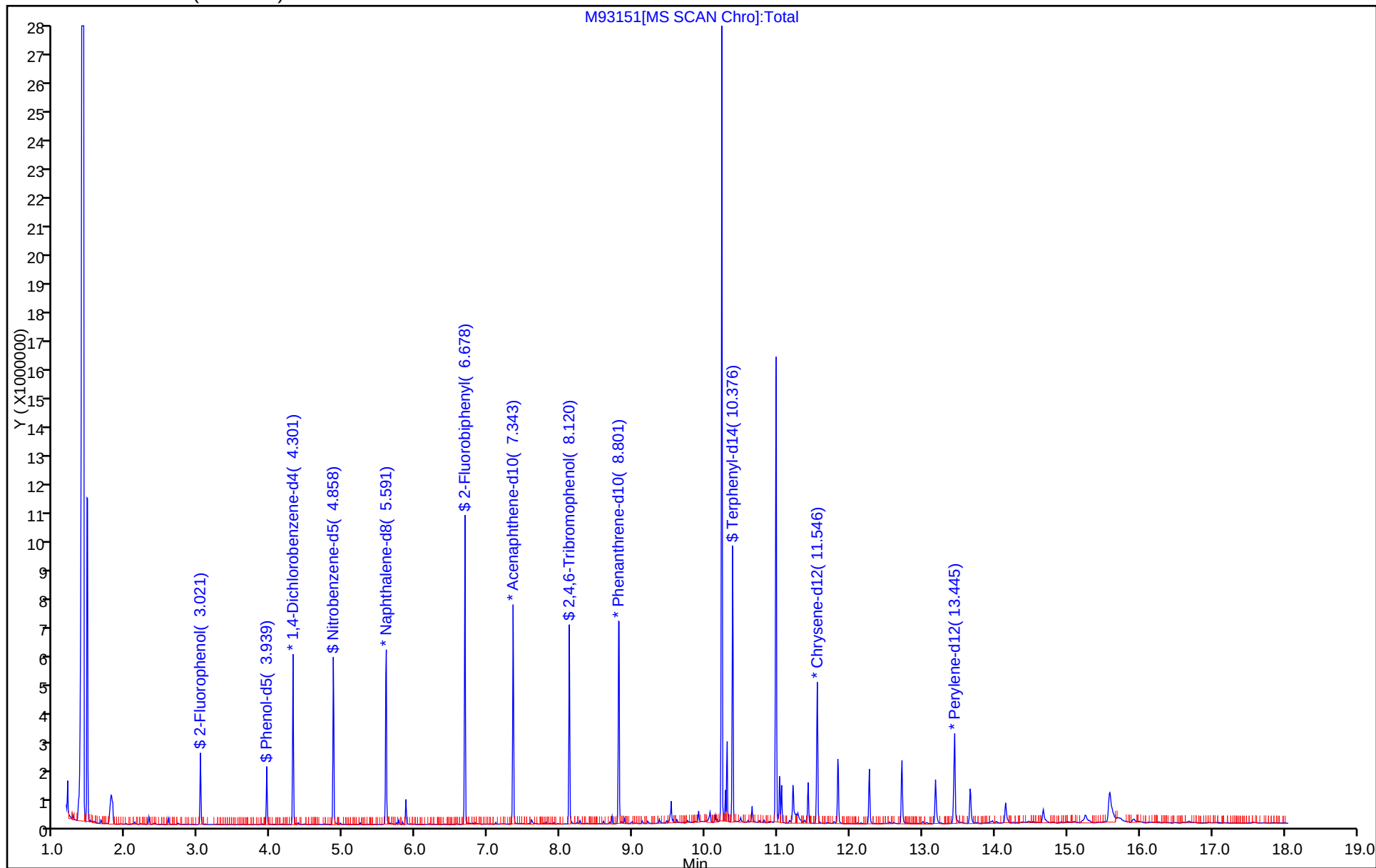
Dil. Factor: 1.0000

ALS Bottle#: 18

Method: 8270LVI_R6

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-94855-1</u>
SDG No.: _____	
Client Sample ID: <u>PD09-CP-01-051415</u>	Lab Sample ID: <u>460-94855-6</u>
Matrix: <u>Water</u>	Lab File ID: <u>M93152.D</u>
Analysis Method: <u>8270D</u>	Date Collected: <u>05/14/2015 07:25</u>
Extract. Method: <u>3510C</u>	Date Extracted: <u>05/15/2015 11:18</u>
Sample wt/vol: <u>240 (mL)</u>	Date Analyzed: <u>05/25/2015 05:18</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>5 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>300699</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	10	U	10	0.63
95-57-8	2-Chlorophenol	10	U	10	0.97
95-48-7	2-Methylphenol	10	U	10	1.5
106-44-5	4-Methylphenol	10	U	10	1.0
88-75-5	2-Nitrophenol	10	U	10	0.71
105-67-9	2,4-Dimethylphenol	10	U	10	1.3
120-83-2	2,4-Dichlorophenol	10	U	10	1.1
59-50-7	4-Chloro-3-methylphenol	10	U	10	1.1
88-06-2	2,4,6-Trichlorophenol	10	U	10	1.5
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.3
51-28-5	2,4-Dinitrophenol	21	U	21	2.1
100-02-7	4-Nitrophenol	21	U	21	2.1
534-52-1	4,6-Dinitro-2-methylphenol	21	U	21	3.1
87-86-5	Pentachlorophenol	21	U	21	2.8
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.31
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.28
67-72-1	Hexachloroethane	1.0	U	1.0	0.16
98-95-3	Nitrobenzene	1.0	U	1.0	0.35
78-59-1	Isophorone	10	U	10	1.4
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	1.0
91-20-3	Naphthalene	10	U	10	2.1
106-47-8	4-Chloroaniline	10	U	10	0.33
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.71
91-57-6	2-Methylnaphthalene	10	U	10	1.6
77-47-4	Hexachlorocyclopentadiene	10	U	10	1.6
91-58-7	2-Chloronaphthalene	10	U	10	1.4
88-74-4	2-Nitroaniline	10	U	10	2.1
131-11-3	Dimethyl phthalate	10	U	10	1.1
208-96-8	Acenaphthylene	10	U	10	1.9
606-20-2	2,6-Dinitrotoluene	2.1	U	2.1	0.28
99-09-2	3-Nitroaniline	10	U	10	3.0
83-32-9	Acenaphthene	10	U	10	1.1
132-64-9	Dibenzofuran	10	U	10	1.6
121-14-2	2,4-Dinitrotoluene	2.1	U	2.1	0.29

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-94855-1</u>
SDG No.: _____	
Client Sample ID: <u>PD09-CP-01-051415</u>	Lab Sample ID: <u>460-94855-6</u>
Matrix: <u>Water</u>	Lab File ID: <u>M93152.D</u>
Analysis Method: <u>8270D</u>	Date Collected: <u>05/14/2015 07:25</u>
Extract. Method: <u>3510C</u>	Date Extracted: <u>05/15/2015 11:18</u>
Sample wt/vol: <u>240 (mL)</u>	Date Analyzed: <u>05/25/2015 05:18</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>5 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>300699</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	10	U	10	1.5
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	1.6
86-73-7	Fluorene	10	U	10	1.8
100-01-6	4-Nitroaniline	10	U	10	3.0
86-30-6	N-Nitrosodiphenylamine	10	U	10	1.0
101-55-3	4-Bromophenyl phenyl ether	10	U	10	1.1
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.21
85-01-8	Phenanthrene	10	U	10	1.3
120-12-7	Anthracene	10	U	10	0.89
86-74-8	Carbazole	10	U	10	1.3
84-74-2	Di-n-butyl phthalate	10	U	10	1.0
206-44-0	Fluoranthene	10	U	10	1.1
129-00-0	Pyrene	10	U *	10	1.1
85-68-7	Butyl benzyl phthalate	10	U	10	1.5
91-94-1	3,3'-Dichlorobenzidine	10	U	10	3.3
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.19
218-01-9	Chrysene	2.1	U	2.1	1.5
117-81-7	Bis(2-ethylhexyl) phthalate	2.1	U	2.1	0.84
117-84-0	Di-n-octyl phthalate	10	U	10	0.92
205-99-2	Benzo[b]fluoranthene	1.0	U *	1.0	0.22
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.15
50-32-8	Benzo[a]pyrene	1.0	U *	1.0	0.15
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U *	1.0	0.11
53-70-3	Dibenz(a,h)anthracene	1.0	U *	1.0	0.17
191-24-2	Benzo[g,h,i]perylene	10	U	10	0.97
92-52-4	1,1'-Biphenyl	10	U	10	1.9
98-86-2	Acetophenone	10	U	10	0.93
100-52-7	Benzaldehyde	10	U	10	2.2
105-60-2	Caprolactam	10	U	10	0.95
1912-24-9	Atrazine	2.1	U	2.1	1.0
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	1.4
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	10	1.9
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	0.93

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1
SDG No.: _____
Client Sample ID: PD09-CP-01-051415 Lab Sample ID: 460-94855-6
Matrix: Water Lab File ID: M93152.D
Analysis Method: 8270D Date Collected: 05/14/2015 07:25
Extract. Method: 3510C Date Extracted: 05/15/2015 11:18
Sample wt/vol: 240 (mL) Date Analyzed: 05/25/2015 05:18
Con. Extract Vol.: 2 (mL) Dilution Factor: 1
Injection Volume: 5 (uL) Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 300699 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	78		60-114
4165-62-2	Phenol-d5	28		4-86
1718-51-0	Terphenyl-d14	99		72-130
118-79-6	2,4,6-Tribromophenol	92		51-126
367-12-4	2-Fluorophenol	40		15-96
321-60-8	2-Fluorobiphenyl	85		50-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150524-27775.b\M93152.D
 Lims ID: 460-94855-A-6-A Lab Sample ID: 460-94855-6
 Client ID: PD09-CP-01-051415
 Sample Type: Client
 Inject. Date: 25-May-2015 05:18:30 ALS Bottle#: 19 Worklist Smp#: 19
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027775-019
 Operator ID: Instrument ID: CBNAMS6
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150524-27775.b\8270LVI_R6.m
 Limit Group: SV 8270D ICAL
 Last Update: 25-May-2015 20:09:21 Calib Date: 23-May-2015 20:34:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93102.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK019

First Level Reviewer: bayoumiw

Date: 25-May-2015 20:09:21

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	3.024	3.032	-0.008	71	324201	3.97	
\$ 6 Phenol-d5	99	3.941	3.961	-0.020	72	323263	2.75	
* 14 1,4-Dichlorobenzene-d4	152	4.300	4.300	0.000	92	588517	8.00	
\$ 28 Nitrobenzene-d5	82	4.863	4.876	-0.013	98	1413861	7.82	
* 38 Naphthalene-d8	136	5.584	5.584	0.000	96	1969537	8.00	
\$ 52 2-Fluorobiphenyl	172	6.679	6.683	-0.004	96	2372270	8.52	
* 64 Acenaphthene-d10	164	7.344	7.342	0.002	93	1435951	8.00	
\$ 80 2,4,6-Tribromophenol	330	8.120	8.132	-0.012	95	764903	9.22	
* 87 Phenanthrene-d10	188	8.808	8.804	0.004	97	2913828	8.00	
\$ 96 Terphenyl-d14	244	10.374	10.378	-0.004	98	3240298	9.90	
* 102 Chrysene-d12	240	11.543	11.547	-0.004	97	2373582	8.00	
* 109 Perylene-d12	264	13.445	13.449	-0.004	97	2006392	8.00	

Reagents:

SM_ISTD_LVI_00072

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CBNAMS6\20150524-27775.b\M93152.D

Injection Date: 25-May-2015 05:18:30

Instrument ID: CBNAMS6

Operator ID:

Lims ID: 460-94855-A-6-A

Lab Sample ID: 460-94855-6

Worklist Smp#: 19

Client ID: PD09-CP-01-051415

Injection Vol: 5.0 ul

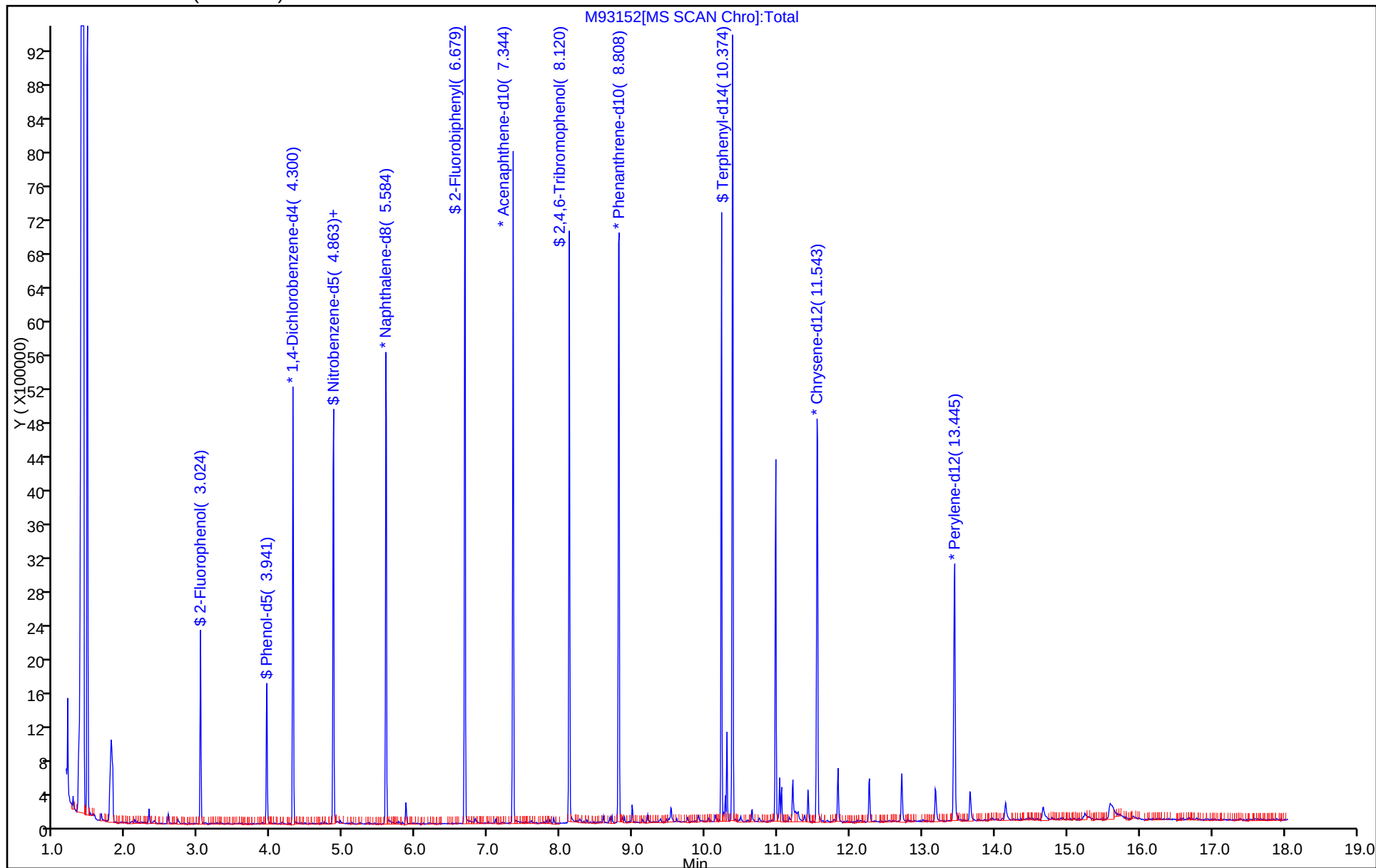
Dil. Factor: 1.0000

ALS Bottle#: 19

Method: 8270LVI_R6

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-94855-1</u>
SDG No.: _____	
Client Sample ID: <u>PW06-CP-00-051415</u>	Lab Sample ID: <u>460-94855-9</u>
Matrix: <u>Water</u>	Lab File ID: <u>M93153.D</u>
Analysis Method: <u>8270D</u>	Date Collected: <u>05/14/2015 06:55</u>
Extract. Method: <u>3510C</u>	Date Extracted: <u>05/15/2015 11:18</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>05/25/2015 05:40</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>5 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>300699</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	10	U	10	0.60
95-57-8	2-Chlorophenol	10	U	10	0.93
95-48-7	2-Methylphenol	10	U	10	1.4
106-44-5	4-Methylphenol	10	U	10	1.0
88-75-5	2-Nitrophenol	10	U	10	0.68
105-67-9	2,4-Dimethylphenol	10	U	10	1.2
120-83-2	2,4-Dichlorophenol	10	U	10	1.1
59-50-7	4-Chloro-3-methylphenol	10	U	10	1.1
88-06-2	2,4,6-Trichlorophenol	10	U	10	1.4
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.2
51-28-5	2,4-Dinitrophenol	20	U	20	2.0
100-02-7	4-Nitrophenol	20	U	20	2.0
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	3.0
87-86-5	Pentachlorophenol	20	U	20	2.7
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.30
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.27
67-72-1	Hexachloroethane	1.0	U	1.0	0.15
98-95-3	Nitrobenzene	1.0	U	1.0	0.34
78-59-1	Isophorone	10	U	10	1.3
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	1.0
91-20-3	Naphthalene	10	U	10	2.0
106-47-8	4-Chloroaniline	10	U	10	0.32
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.68
91-57-6	2-Methylnaphthalene	10	U	10	1.5
77-47-4	Hexachlorocyclopentadiene	10	U	10	1.5
91-58-7	2-Chloronaphthalene	10	U	10	1.3
88-74-4	2-Nitroaniline	10	U	10	2.0
131-11-3	Dimethyl phthalate	10	U	10	1.1
208-96-8	Acenaphthylene	10	U	10	1.8
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.27
99-09-2	3-Nitroaniline	10	U	10	2.9
83-32-9	Acenaphthene	10	U	10	1.1
132-64-9	Dibenzofuran	10	U	10	1.5
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.28

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-94855-1</u>
SDG No.: _____	
Client Sample ID: <u>PW06-CP-00-051415</u>	Lab Sample ID: <u>460-94855-9</u>
Matrix: <u>Water</u>	Lab File ID: <u>M93153.D</u>
Analysis Method: <u>8270D</u>	Date Collected: <u>05/14/2015 06:55</u>
Extract. Method: <u>3510C</u>	Date Extracted: <u>05/15/2015 11:18</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>05/25/2015 05:40</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>5 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>300699</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	10	U	10	1.4
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	1.5
86-73-7	Fluorene	10	U	10	1.7
100-01-6	4-Nitroaniline	10	U	10	2.9
86-30-6	N-Nitrosodiphenylamine	10	U	10	1.0
101-55-3	4-Bromophenyl phenyl ether	10	U	10	1.1
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.20
85-01-8	Phenanthrene	10	U	10	1.2
120-12-7	Anthracene	10	U	10	0.85
86-74-8	Carbazole	10	U	10	1.2
84-74-2	Di-n-butyl phthalate	10	U	10	1.0
206-44-0	Fluoranthene	10	U	10	1.1
129-00-0	Pyrene	10	U *	10	1.1
85-68-7	Butyl benzyl phthalate	10	U	10	1.4
91-94-1	3,3'-Dichlorobenzidine	10	U	10	3.2
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.18
218-01-9	Chrysene	2.0	U	2.0	1.4
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.81
117-84-0	Di-n-octyl phthalate	10	U	10	0.88
205-99-2	Benzo[b]fluoranthene	1.0	U *	1.0	0.21
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.14
50-32-8	Benzo[a]pyrene	1.0	U *	1.0	0.14
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U *	1.0	0.11
53-70-3	Dibenz(a,h)anthracene	1.0	U *	1.0	0.16
191-24-2	Benzo[g,h,i]perylene	10	U	10	0.93
92-52-4	1,1'-Biphenyl	10	U	10	1.8
98-86-2	Acetophenone	10	U	10	0.89
100-52-7	Benzaldehyde	10	U	10	2.1
105-60-2	Caprolactam	10	U	10	0.91
1912-24-9	Atrazine	2.0	U	2.0	1.0
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	1.3
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	10	1.8
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	0.89

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-94855-1</u>
SDG No.: _____	
Client Sample ID: <u>PW06-CP-00-051415</u>	Lab Sample ID: <u>460-94855-9</u>
Matrix: <u>Water</u>	Lab File ID: <u>M93153.D</u>
Analysis Method: <u>8270D</u>	Date Collected: <u>05/14/2015 06:55</u>
Extract. Method: <u>3510C</u>	Date Extracted: <u>05/15/2015 11:18</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>05/25/2015 05:40</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>5 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>300699</u>	Units: <u>ug/L</u>

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	77		60-114
4165-62-2	Phenol-d5	27		4-86
1718-51-0	Terphenyl-d14	97		72-130
118-79-6	2,4,6-Tribromophenol	92		51-126
367-12-4	2-Fluorophenol	41		15-96
321-60-8	2-Fluorobiphenyl	84		50-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150524-27775.b\M93153.D
 Lims ID: 460-94855-D-9-A Lab Sample ID: 460-94855-9
 Client ID: PW06-CP-00-051415
 Sample Type: Client
 Inject. Date: 25-May-2015 05:40:30 ALS Bottle#: 20 Worklist Smp#: 20
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027775-020
 Operator ID: Instrument ID: CBNAMS6
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150524-27775.b\8270LVI_R6.m
 Limit Group: SV 8270D ICAL
 Last Update: 25-May-2015 20:11:07 Calib Date: 23-May-2015 20:34:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93102.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK019

First Level Reviewer: bayoumiw

Date: 25-May-2015 20:11:06

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	3.026	3.032	-0.006	71	348366	4.06	
\$ 6 Phenol-d5	99	3.941	3.961	-0.020	71	331557	2.69	
* 14 1,4-Dichlorobenzene-d4	152	4.302	4.300	0.002	92	618142	8.00	
\$ 28 Nitrobenzene-d5	82	4.862	4.876	-0.014	98	1468845	7.68	
* 38 Naphthalene-d8	136	5.591	5.584	0.007	97	2082359	8.00	
\$ 52 2-Fluorobiphenyl	172	6.680	6.683	-0.003	96	2350069	8.41	
* 64 Acenaphthene-d10	164	7.343	7.342	0.001	93	1442182	8.00	
\$ 80 2,4,6-Tribromophenol	330	8.125	8.132	-0.007	96	765193	9.18	
* 87 Phenanthrene-d10	188	8.802	8.804	-0.002	97	2858779	8.00	
\$ 96 Terphenyl-d14	244	10.374	10.378	-0.004	98	3169738	9.74	
* 102 Chrysene-d12	240	11.549	11.547	0.002	97	2360453	8.00	
* 109 Perylene-d12	264	13.446	13.449	-0.003	97	2073585	8.00	

Reagents:

SM_ISTD_LVI_00072

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CBNAMS6\20150524-27775.b\M93153.D

Injection Date: 25-May-2015 05:40:30

Instrument ID: CBNAMS6

Operator ID:

Lims ID: 460-94855-D-9-A

Lab Sample ID: 460-94855-9

Worklist Smp#: 20

Client ID: PW06-CP-00-051415

Injection Vol: 5.0 ul

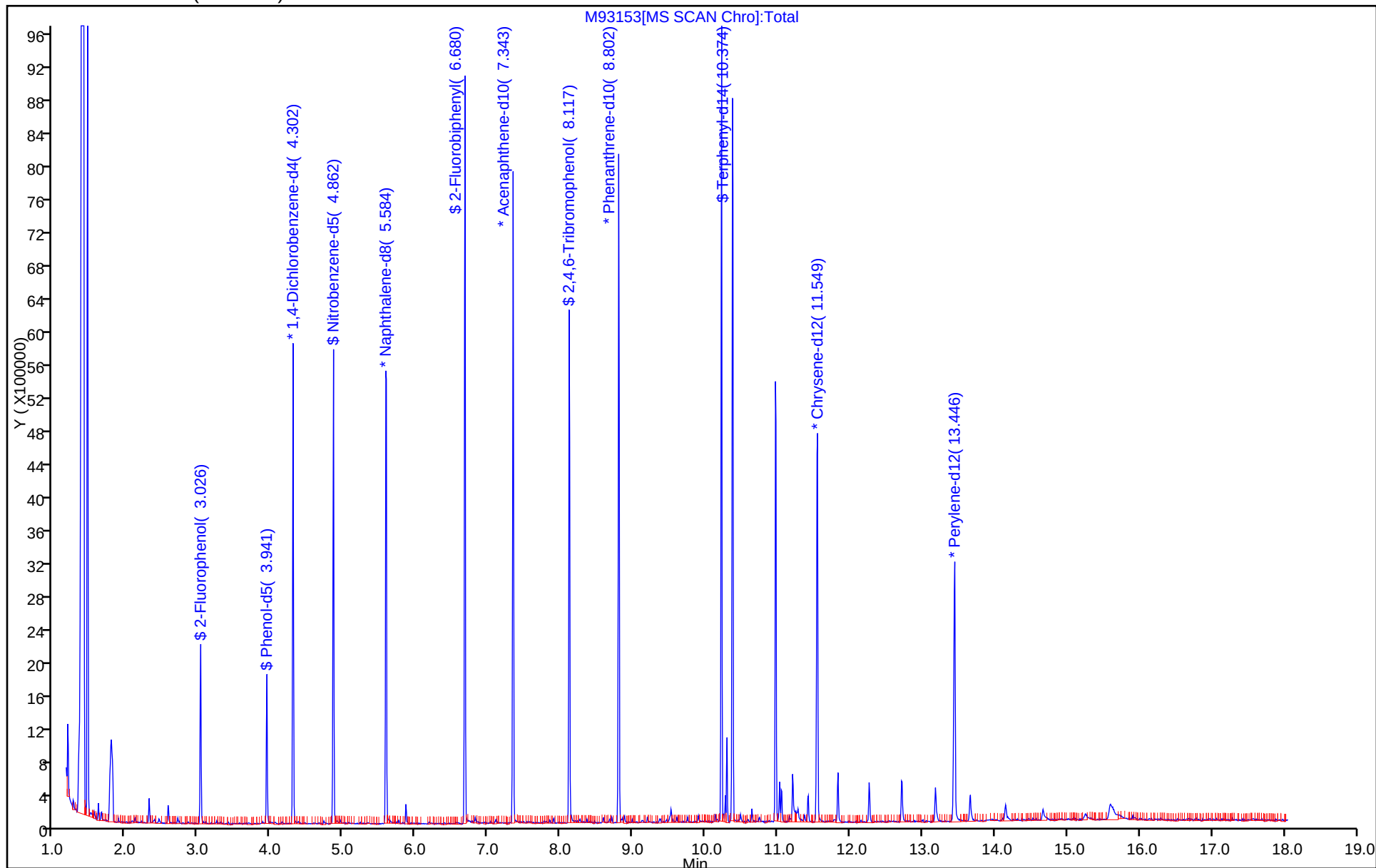
Dil. Factor: 1.0000

ALS Bottle#: 20

Method: 8270LVI_R6

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-94855-1</u>
SDG No.: _____	
Client Sample ID: <u>PW07B-CP-00-051415</u>	Lab Sample ID: <u>460-94855-10</u>
Matrix: <u>Water</u>	Lab File ID: <u>C16512.D</u>
Analysis Method: <u>8270D</u>	Date Collected: <u>05/14/2015 07:00</u>
Extract. Method: <u>3510C</u>	Date Extracted: <u>05/20/2015 11:24</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>05/26/2015 10:34</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>5 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>300751</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	10	U	10	0.60
95-57-8	2-Chlorophenol	10	U	10	0.93
95-48-7	2-Methylphenol	10	U	10	1.4
106-44-5	4-Methylphenol	10	U	10	1.0
88-75-5	2-Nitrophenol	10	U	10	0.68
105-67-9	2,4-Dimethylphenol	10	U	10	1.2
120-83-2	2,4-Dichlorophenol	10	U	10	1.1
59-50-7	4-Chloro-3-methylphenol	10	U	10	1.1
88-06-2	2,4,6-Trichlorophenol	10	U	10	1.4
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.2
51-28-5	2,4-Dinitrophenol	20	U	20	2.0
100-02-7	4-Nitrophenol	20	U	20	2.0
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	3.0
87-86-5	Pentachlorophenol	20	U	20	2.7
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.30
621-64-7	N-Nitrosodi-n-propylamine	1.0	U *	1.0	0.27
67-72-1	Hexachloroethane	1.0	U	1.0	0.15
98-95-3	Nitrobenzene	1.0	U	1.0	0.34
78-59-1	Isophorone	10	U	10	1.3
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	1.0
91-20-3	Naphthalene	10	U	10	2.0
106-47-8	4-Chloroaniline	10	U	10	0.32
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.68
91-57-6	2-Methylnaphthalene	10	U	10	1.5
77-47-4	Hexachlorocyclopentadiene	10	U	10	1.5
91-58-7	2-Chloronaphthalene	10	U	10	1.3
88-74-4	2-Nitroaniline	10	U	10	2.0
131-11-3	Dimethyl phthalate	10	U	10	1.1
208-96-8	Acenaphthylene	10	U	10	1.8
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.27
99-09-2	3-Nitroaniline	10	U	10	2.9
83-32-9	Acenaphthene	10	U	10	1.1
132-64-9	Dibenzofuran	10	U	10	1.5
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.28

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-94855-1</u>
SDG No.: _____	
Client Sample ID: <u>PW07B-CP-00-051415</u>	Lab Sample ID: <u>460-94855-10</u>
Matrix: <u>Water</u>	Lab File ID: <u>C16512.D</u>
Analysis Method: <u>8270D</u>	Date Collected: <u>05/14/2015 07:00</u>
Extract. Method: <u>3510C</u>	Date Extracted: <u>05/20/2015 11:24</u>
Sample wt/vol: <u>250(mL)</u>	Date Analyzed: <u>05/26/2015 10:34</u>
Con. Extract Vol.: <u>2(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>5(uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>300751</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	10	U	10	1.4
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	1.5
86-73-7	Fluorene	10	U	10	1.7
100-01-6	4-Nitroaniline	10	U	10	2.9
86-30-6	N-Nitrosodiphenylamine	10	U	10	1.0
101-55-3	4-Bromophenyl phenyl ether	10	U	10	1.1
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.20
85-01-8	Phenanthrene	10	U	10	1.2
120-12-7	Anthracene	10	U	10	0.85
86-74-8	Carbazole	10	U	10	1.2
84-74-2	Di-n-butyl phthalate	10	U	10	1.0
206-44-0	Fluoranthene	10	U	10	1.1
129-00-0	Pyrene	10	U	10	1.1
85-68-7	Butyl benzyl phthalate	10	U	10	1.4
91-94-1	3,3'-Dichlorobenzidine	10	U	10	3.2
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.18
218-01-9	Chrysene	2.0	U	2.0	1.4
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.81
117-84-0	Di-n-octyl phthalate	10	U	10	0.88
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.21
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.14
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.14
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.11
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
191-24-2	Benzo[g,h,i]perylene	10	U	10	0.93
92-52-4	1,1'-Biphenyl	10	U	10	1.8
98-86-2	Acetophenone	10	U	10	0.89
100-52-7	Benzaldehyde	10	U	10	2.1
105-60-2	Caprolactam	10	U	10	0.91
1912-24-9	Atrazine	2.0	U	2.0	1.0
108-60-1	2,2'-oxybis[1-chloropropane]	10	U *	10	1.3
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	10	1.8
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	0.89

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-94855-1</u>
SDG No.: _____	
Client Sample ID: <u>PW07B-CP-00-051415</u>	Lab Sample ID: <u>460-94855-10</u>
Matrix: <u>Water</u>	Lab File ID: <u>C16512.D</u>
Analysis Method: <u>8270D</u>	Date Collected: <u>05/14/2015 07:00</u>
Extract. Method: <u>3510C</u>	Date Extracted: <u>05/20/2015 11:24</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>05/26/2015 10:34</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>5 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>300751</u>	Units: <u>ug/L</u>

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	66		60-114
4165-62-2	Phenol-d5	21		4-86
1718-51-0	Terphenyl-d14	60	*	72-130
118-79-6	2,4,6-Tribromophenol	62		51-126
367-12-4	2-Fluorophenol	30		15-96
321-60-8	2-Fluorobiphenyl	70		50-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150526-27783.b\C16512.D
 Lims ID: 460-94855-H-10-A Lab Sample ID: 460-94855-10
 Client ID: PW07B-CP-00-051415
 Sample Type: Client
 Inject. Date: 26-May-2015 10:34:30 ALS Bottle#: 8 Worklist Smp#: 8
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027783-008
 Operator ID: Instrument ID: CBNAMS13
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150526-27783.b\8270LVI_R13.m
 Limit Group: SV 8270D ICAL
 Last Update: 26-May-2015 16:22:42 Calib Date: 07-May-2015 19:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK027

First Level Reviewer: bayoumiw

Date: 26-May-2015 16:22:42

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	4.122	4.122	0.000	96	621706	2.98	
\$ 6 Phenol-d5	99	4.975	4.981	-0.006	89	516379	2.09	
* 13 1,4-Dichlorobenzene-d4	152	5.399	5.398	0.001	97	1202167	8.00	
\$ 25 Nitrobenzene-d5	82	5.940	5.946	-0.006	90	1506564	6.61	
* 35 Naphthalene-d8	136	6.687	6.687	0.000	100	4460113	8.00	
\$ 48 2-Fluorobiphenyl	172	7.757	7.757	0.000	97	2287356	6.97	
* 61 Acenaphthene-d10	164	8.475	8.475	0.000	99	1797874	8.00	
\$ 76 2,4,6-Tribromophenol	330	9.269	9.275	-0.006	94	210036	6.16	
* 83 Phenanthrene-d10	188	9.981	9.980	0.001	99	2326442	8.00	
\$ 91 Terphenyl-d14	244	11.722	11.722	0.000	99	1023614	5.96	
* 96 Chrysene-d12	240	13.280	13.280	0.000	98	919461	8.00	
* 103 Perylene-d12	264	15.639	15.639	0.000	95	796254	8.00	

Reagents:

SM_ISTD_LVI_00072

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CBNAMS13\20150526-27783.b\C16512.D

Injection Date: 26-May-2015 10:34:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: 460-94855-H-10-A

Lab Sample ID: 460-94855-10

Worklist Smp#: 8

Client ID: PW07B-CP-00-051415

Injection Vol: 5.0 ul

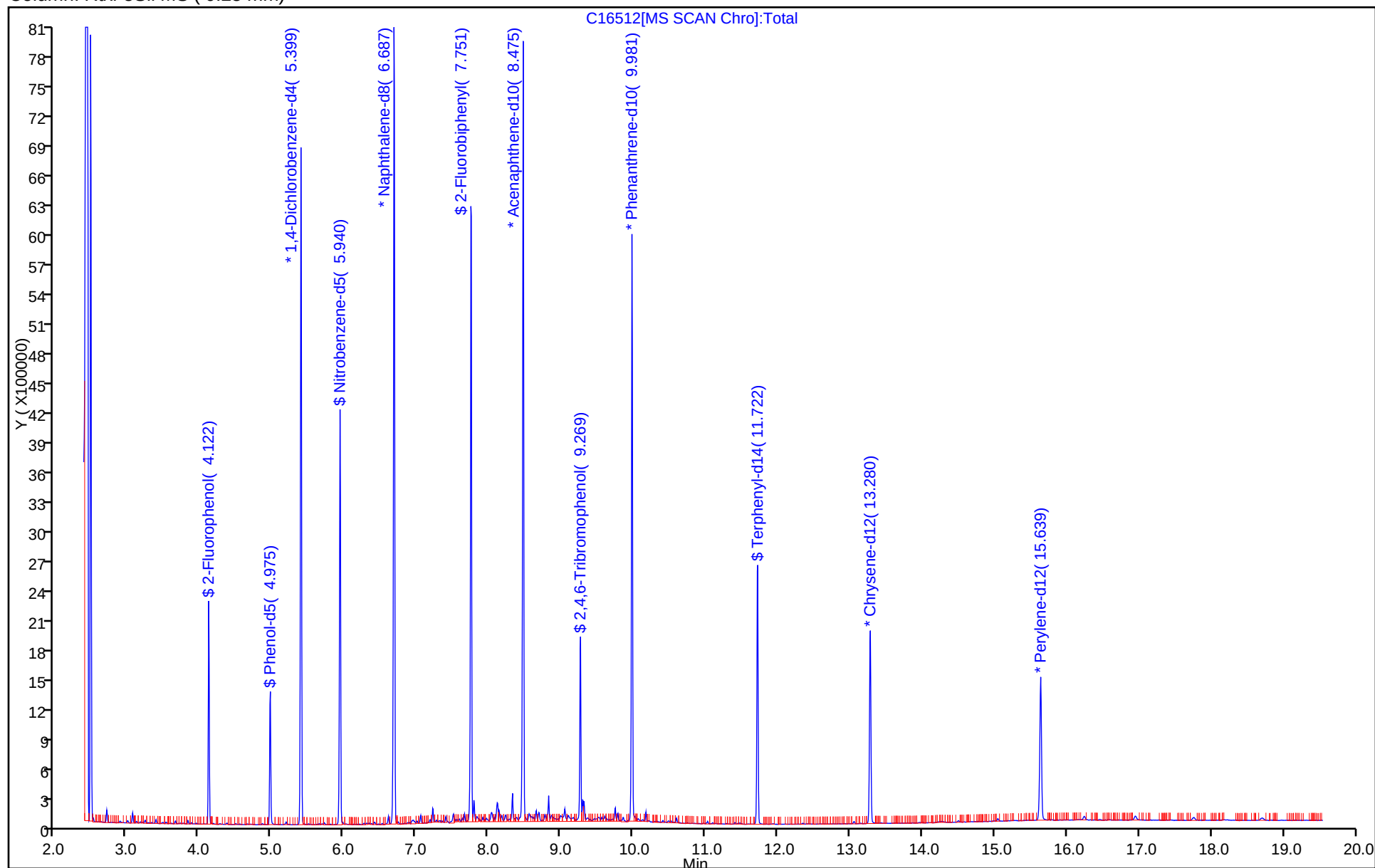
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8270LVI_R13

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 297054

SDG No.: _____

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/07/2015 12:17 Calibration End Date: 05/07/2015 15:43 Calibration ID: 49800

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-297054/9	C15824.D
Level 2	STD02 460-297054/8	C15823.D
Level 3	STD1 460-297054/7	C15822.D
Level 4	STD2 460-297054/6	C15821.D
Level 5	STD4 460-297054/5	C15820.D
Level 6	ICIS 460-297054/2	C15817.D
Level 7	STD16 460-297054/4	C15819.D
Level 8	STD24 460-297054/3	C15818.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	0.5985	0.6083	0.6239 0.5826	0.6169	0.5965	Ave		0.6045				2.5		20.0			
N-Nitrosodimethylamine	0.9110	0.9419	0.9371 0.9045	0.9220	0.9127	Ave		0.9215				1.6		20.0			
Pyridine	1.5309	1.5952	1.5197 1.5481	1.5304	1.5256	Ave		1.5416				1.8		20.0			
Phenol	1.7395	1.8084	1.8183 1.7432	1.7755	1.7700	Ave		1.7758			0.8000	1.8		20.0			
Aniline	2.4085	2.3254	2.3307 2.2232	2.2540	2.2773	Ave		2.3032				2.9		20.0			
Bis(2-chloroethyl)ether	1.6782 1.5335	1.7092 1.7527	1.9231 1.7317	1.7717	1.6321	Ave		1.7165			0.7000	6.6		20.0			
n-Decane	2.0435	2.0945	2.2897 1.9704	2.1792	2.0910	Ave		2.1114				5.3		20.0			
2-Chlorophenol	1.4303	1.4939	1.5594 1.4435	1.4908	1.4609	Ave		1.4798			0.8000	3.1		20.0			
1,3-Dichlorobenzene	1.6007	1.6473	1.7478 1.5706	1.6731	1.6132	Ave		1.6421				3.8		20.0			
1,4-Dichlorobenzene	1.5979	1.6651	1.7633 1.5899	1.6981	1.6481	Ave		1.6604				3.9		20.0			
Benzyl alcohol	0.9281	0.9355	0.6470 0.9314	0.7520	0.8018	Ave		0.8326				14.3		20.0			
2-Methylphenol	1.2868	1.3235	1.3744 1.2887	1.3578	1.2980	Ave		1.3215			0.7000	2.8		20.0			
1,2-Dichlorobenzene	1.4888	1.5323	1.6452 1.4485	1.5855	1.5217	Ave		1.5370				4.6		20.0			
2,2'-oxybis[1-chloropropane]	2.6903	2.7339	2.9067 2.6489	2.7957	2.6748	Ave		2.7417			0.0100	3.5		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 297054

SDG No.: _____

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/07/2015 12:17 Calibration End Date: 05/07/2015 15:43 Calibration ID: 49800

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
3 & 4 Methylphenol	1.3376	1.3959	1.3737 1.3689	1.3338	1.3384	Ave		1.3581				1.9		20.0			
4-Methylphenol	1.3374	1.3959	1.3700 1.3629	1.3331	1.3322	Ave		1.3553			0.6000	1.9		20.0			
N-Nitrosodi-n-propylamine	0.8262 0.9816	0.9441 1.0073	1.0226 1.0050	0.9857	0.9556	Ave		0.9660			0.5000	6.5		20.0			
Acetophenone	1.8121	1.8501	1.9439 1.7829	1.8860	1.8450	Ave		1.8534			0.0100	3.1		20.0			
Hexachloroethane	0.6136 0.6518	0.6315 0.6848	0.7153 0.6581	0.6769	0.6551	Ave		0.6609			0.3000	4.8		20.0			
n,n'-Dimethylaniline	2.2213	2.1524	2.1763 2.1442	2.1359	2.2883	Ave		2.1864				2.7		20.0			
Nitrobenzene	0.4990 0.5099	0.5033 0.5453	0.5412 0.5257	0.5359	0.5426	Ave		0.5254			0.2000	3.6		20.0			
Isophorone	0.5976 0.6249	0.6642 0.6527	0.6343 0.6453	0.6323	Ave			0.6359			0.4000	3.4		20.0			
2,4-Dimethylphenol	0.3344	0.3508	0.4432 0.3319	0.3477	0.3356	Ave		0.3573			0.2000	12.0		20.0			
2-Nitrophenol	0.1764	0.2021	0.1907 0.1896	0.1882	0.1903	Ave		0.1895			0.1000	4.3		20.0			
Benzoic acid	0.1689	0.1972	0.1282 0.1984	0.1375	0.1830	Ave		0.1689				17.8		20.0			
Bis(2-chloroethoxy)methane	0.4237	0.4387	0.4588 0.4246	0.4436	0.4329	Ave		0.4370			0.3000	3.0		20.0			
2,4-Dichlorophenol	0.2789	0.2935	0.2684 0.2846	0.2594	0.2742	Ave		0.2765			0.2000	4.4		20.0			
1,2,4-Trichlorobenzene	0.2942 0.2924	0.3145 0.3061	0.3301 0.2945	0.3173	0.3085	Ave		0.3072				4.3		20.0			
Naphthalene	1.0612	1.0936	1.1979 1.0315	1.1551	1.1263	Ave		1.1110			0.7000	5.5		20.0			
4-Chloroaniline	0.5703	0.5932	0.6227 0.5757	0.6008	0.5993	Ave		0.5937			0.0100	3.2		20.0			
Hexachlorobutadiene	0.1553 0.1531	0.1548 0.1621	0.1715 0.1562	0.1617	0.1579	Ave		0.1591			0.0100	3.7		20.0			
4-Chloro-3-methylphenol	0.2680	0.2829	0.2517 0.2776	0.2476	0.2555	Ave		0.2639			0.2000	5.5		20.0			
2-Methylnaphthalene	0.6584	0.6751	0.7283 0.6520	0.6888	0.6770	Ave		0.6799			0.4000	4.0		20.0			
1-Methylnaphthalene	0.6083	0.6290	0.6720 0.6036	0.6440	0.6366	Ave		0.6323				4.0		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 297054

SDG No.: _____

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/07/2015 12:17 Calibration End Date: 05/07/2015 15:43 Calibration ID: 49800

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2-tertbutyl-4-methylphenol	0.4512	0.4425	0.4043 0.4453	0.4171	0.4630	Ave		0.4372				5.1		20.0			
Hexachlorocyclopentadiene	0.3860	0.3753	0.3690 0.3683	0.3583	0.3692	Ave		0.3710			0.0500	2.5		20.0			
1,2,4,5-Tetrachlorobenzene	0.6043	0.5707	0.6322 0.5557	0.5944	0.5739	Ave		0.5885			0.0100	4.7		20.0			
2,4,6-Trichlorophenol	0.4035	0.3133 0.3871	0.3852 0.3726	0.3738	0.3741	Ave		0.3728			0.2000	7.6		20.0			
2,4,5-Trichlorophenol	0.4294	0.4063	0.3941 0.3973	0.3940	0.3984	Ave		0.4032			0.2000	3.4		20.0			
1,1'-Biphenyl	1.7614	1.6212	1.7904 1.5605	1.6875	1.6759	Ave		1.6828			0.0100	5.1		20.0			
2-Chloronaphthalene	1.3656	1.2739	1.3995 1.2216	1.3127	1.2877	Ave		1.3102			0.8000	4.9		20.0			
Phenyl ether	0.9178	0.8195	0.8264 0.8219	0.8137	0.8810	Ave		0.8467				5.0		20.0			
2-Nitroaniline	0.4780	0.4626	0.4387 0.3924	0.4330	0.4408	Ave		0.4409			0.0100	6.6		20.0			
1,3-Dimethylnaphthalene	1.1328	1.0183	1.0421 0.9867	1.0050	1.0984	Ave		1.0472				5.4		20.0			
Dimethyl phthalate	1.2943	1.1935	1.2667 1.0965	1.2129	1.1850	Ave		1.2081			0.0100	5.7		20.0			
2,6-Dinitrotoluene	0.3097	0.2342 0.2967	0.2795 0.2743	0.2849	0.2825	Ave		0.2803			0.2000	8.4		20.0			
Coumarin	0.2093	0.2043	0.1938 0.1884	0.1969	0.2089	Ave		0.2003				4.3		20.0			
Acenaphthylene	2.0072	1.8779	2.0141 1.7749	1.9261	1.8880	Ave		1.9147			0.9000	4.7		20.0			
3-Nitroaniline	0.3690	0.3510	0.3405 0.3103	0.3300	0.3294	Ave		0.3384			0.0100	6.0		20.0			
3,5-di-tert-butyl-4-hydroxytol	1.1630	1.0595	0.9882 1.0613	0.9903	1.0804	Ave		1.0571				6.1		20.0			
2,4-Dinitrophenol	0.1780	0.1718	0.1293 0.1508	0.1432	0.1503	Ave		0.1539			0.0100	11.8		20.0			
4-Nitrophenol	0.2637	0.2406	0.2310 0.2059	0.2286	0.2196	Ave		0.2316			0.0100	8.5		20.0			
Acenaphthene	1.3402	1.3079	1.3117 1.2303	1.2433	1.2135	Ave		1.2745			0.9000	4.1		20.0			
2,4-Dinitrotoluene	0.3785	0.2504 0.3566	0.3410 0.3085	0.3398	0.3338	Lin2	-0.019	0.3489			0.2000				0.9950		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 297054

SDG No.: _____

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/07/2015 12:17 Calibration End Date: 05/07/2015 15:43 Calibration ID: 49800

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Dibenzofuran	1.7647	1.6275	1.7493 1.5279	1.6789	1.6368	Ave		1.6642			0.8000	5.3		20.0			
2,3,4,6-Tetrachlorophenol	0.2936	0.2810	0.2656 0.2598	0.2587	0.2586	Ave		0.2695			0.0100	5.4		20.0			
Diethyl phthalate	1.2760	1.1541	1.2373 1.0128	1.1984	1.1516	Ave		1.1717			0.0100	7.8		20.0			
4-Chlorophenyl phenyl ether	0.6119	0.5711	0.5860 0.5345	0.5659	0.5551	Ave		0.5708			0.4000	4.6		20.0			
4-Nitroaniline	0.3363	0.3012	0.2988 0.2534	0.3091	0.2833	Ave		0.2970			0.0100	9.3		20.0			
Fluorene	1.3749	1.2563	1.3501 1.1538	1.3039	1.2634	Ave		1.2837			0.9000	6.2		20.0			
4,6-Dinitro-2-methylphenol	0.1353	0.1130 0.1481	0.1345 0.1438	0.1252	0.1321	Ave		0.1332			0.0100	8.7		20.0			
N-Nitrosodiphenylamine	0.7148	0.7178	0.6599 0.7763	0.6560	0.7069	Ave		0.7053			0.0100	6.3		20.0			
1,2-Diphenylhydrazine	1.0857	1.1690	1.1166 1.2463	1.0831	1.0922	Ave		1.1321				5.7		20.0			
4-Bromophenyl phenyl ether	0.2369	0.2564	0.2394 0.2688	0.2317	0.2396	Ave		0.2455			0.1000	5.8		20.0			
Hexachlorobenzene	0.2490 0.2421	0.2399 0.2602	0.2464 0.2683	0.2499	0.2499	Ave		0.2507			0.1000	3.7		20.0			
n-Octadecane	0.8682	0.9465	0.7995 1.0448	0.8090	0.8376	Ave		0.8843				10.7		20.0			
Pentachlorophenol	0.1487	0.1626	0.1335 0.1603	0.1377	0.1437	Ave		0.1477			0.0500	8.0		20.0			
Pentachloronitrobenzene	0.0943	0.0951	0.0822 0.0943	0.0853	0.0961	Ave		0.0912			0.0100	6.5		20.0			
Phenanthrene	1.1791	1.2114	1.2934 1.1642	1.2709	1.2396	Ave		1.2264			0.7000	4.2		20.0			
Anthracene	1.2046	1.2436	1.3342 1.2029	1.2838	1.2573	Ave		1.2544			0.7000	4.0		20.0			
Carbazole	0.9947	0.9883	1.1404 0.9302	1.1024	1.0180	Ave		1.0290			0.0100	7.6		20.0			
Di-n-butyl phthalate	1.1887	1.1944	1.3005 1.1384	1.2724	1.1921	Ave		1.2144			0.0100	5.0		20.0			
Fluoranthene	0.8215	0.8221	1.0245 0.8037	0.9587	0.8746	Ave		0.8842			0.6000	10.1		20.0			
Benzidine	0.4172	0.4199	0.2864 0.5101	0.3763	0.3980	Ave		0.4013				18.1		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 297054
SDG No.: _____
Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 05/07/2015 12:17 Calibration End Date: 05/07/2015 15:43 Calibration ID: 49800

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Bisphenol-A	0.5009	0.4242	++++ 0.4694	0.0061	0.2300	Qua	-1.109	0.5716	-0.002595						0.9900		0.9900
Pyrene	2.1135	1.9993	2.8123 1.5946	2.5596	2.1803	Qua	-0.236	2.6148	-0.041532		0.6000				0.9980		0.9900
Butyl benzyl phthalate	0.7275	0.7605	0.8801 0.7279	0.8177	0.7368	Ave		0.7751			0.0100	8.0		20.0			
Carbamazepine	0.4328	0.4964	0.2826 0.5146	0.3044	0.3888	Qua	-0.251	0.4408	0.0036185						0.9990		0.9900
2,3,7,8-TCDD	0.1844					Ave		0.1844						20.0			
Bis(2-ethylhexyl) phthalate	0.9077	0.6414 0.9800	0.7881 0.9877	0.8303	0.8569	Ave		0.8560			0.0100	14.0		20.0			
3,3'-Dichlorobenzidine	0.4376	0.2707 0.4559	0.3354 0.4749	0.3587	0.4306	Lin2	-0.035	0.4295			0.0100				0.9900		0.9900
Benzo[a]anthracene	1.3243 1.1955	1.2012 1.2442	1.2521 1.2143	1.1983	1.1961	Ave		1.2282			0.8000	3.6		20.0			
Chrysene	1.1297	1.1105 1.1915	1.2088 1.1458	1.1743	1.1573	Ave		1.1597			0.7000	3.0		20.0			
Di-n-octyl phthalate	1.6219	1.3485 1.7752	1.4009 1.6734	1.4518	1.4518	Ave		1.5453			0.0100	11.0		20.0			
Benzo[b]fluoranthene	0.8467 1.1785	1.0442 1.2267	1.1953 1.1736	1.1285	1.1276	Ave		1.1151			0.7000	10.9		20.0			
Benzo[k]fluoranthene	1.0336 1.2492	1.2011 1.3400	1.2426 1.2483	1.2549	1.2449	Ave		1.2268			0.7000	7.1		20.0			
Benzo[a]pyrene	0.9973 1.1252	0.9855 1.2083	1.1040 1.1699	1.0949	1.1152	Ave		1.1000			0.7000	7.0		20.0			
Indeno[1,2,3-cd]pyrene	1.1936 1.3416	1.2234 1.4916	1.4231 1.4628	1.3646	1.3351	Ave		1.3545			0.5000	7.8		20.0			
Dibenz(a,h)anthracene	0.9677 1.1060	1.0508 1.2323	1.1967 1.2249	1.1400	1.0980	Ave		1.1270			0.4000	8.1		20.0			
Benzo[g,h,i]perylene	1.0979	1.2410 1.1789	1.2026 1.1564	1.1344	1.1344	Ave		1.1685			0.5000	4.3		20.0			
2-Fluorophenol	1.4187	1.2258 1.4724	1.4378 1.3824	1.4225	1.3586	Ave		1.3883				5.8		20.0			
Phenol-d5	1.7299	1.3777 1.7725	1.6409 1.6906	1.6865	1.6377	Ave		1.6480				7.8		20.0			
Nitrobenzene-d5	0.3992 0.4091	0.3685 0.4417	0.4139 0.4164	0.4128	0.4071	Ave		0.4086				5.0		20.0			
2-Fluorobiphenyl	1.4537 1.5993	1.4070 1.4662	1.5011 1.3701	1.4576	1.4208	Ave		1.4595				4.7		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 297054

SDG No.: _____

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/07/2015 12:17 Calibration End Date: 05/07/2015 15:43 Calibration ID: 49800

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
2,4,6-Tribromophenol		0.1337	0.1487	0.1456	0.1441	Ave		0.1516				9.9		20.0			
	0.1766	0.1678	0.1450														
Terphenyl-d14	1.5689	1.5953	1.6459	1.5878	1.3073	QuaF		1.6338	-0.023358						0.9980		0.9900
	1.3880	1.3043	1.0620														

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 297054

SDG No.: _____

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/07/2015 12:17 Calibration End Date: 05/07/2015 15:43 Calibration ID: 49800

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-297054/9	C15824.D
Level 2	STD02 460-297054/8	C15823.D
Level 3	STD1 460-297054/7	C15822.D
Level 4	STD2 460-297054/6	C15821.D
Level 5	STD4 460-297054/5	C15820.D
Level 6	ICIS 460-297054/2	C15817.D
Level 7	STD16 460-297054/4	C15819.D
Level 8	STD24 460-297054/3	C15818.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,4-Dioxane	DCB	Ave	458704	730142	56714 956723	100778	180089	10.0	16.0	1.00 24.0	2.00	4.00
N-Nitrosodimethylamine	DCB	Ave	698268	1130645	85176 1485175	150620	275538	10.0	16.0	1.00 24.0	2.00	4.00
Pyridine	DCB	Ave	1173323	1914806	138138 2542042	250005	460555	10.0	16.0	1.00 24.0	2.00	4.00
Phenol	DCB	Ave	1333225	2170710	165283 2862378	290041	534341	10.0	16.0	1.00 24.0	2.00	4.00
Aniline	DCB	Ave	1845992	2791320	211853 3650507	368222	687493	10.0	16.0	1.00 24.0	2.00	4.00
Bis(2-chloroethyl)ether	DCB	Ave	13693 1175344	28764 2103836	174805 2843427	289422	492723	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
n-Decane	DCB	Ave	1566258	2514137	208124 3235463	355989	631239	10.0	16.0	1.00 24.0	2.00	4.00
2-Chlorophenol	DCB	Ave	1096286	1793261	141744 2370205	243544	441025	10.0	16.0	1.00 24.0	2.00	4.00
1,3-Dichlorobenzene	DCB	Ave	1226846	1977329	158871 2578957	273319	487013	10.0	16.0	1.00 24.0	2.00	4.00
1,4-Dichlorobenzene	DCB	Ave	1224734	1998788	160278 2610672	277407	497549	10.0	16.0	1.00 24.0	2.00	4.00
Benzyl alcohol	DCB	Ave	711306	1123004	58813 1529454	122854	242047	10.0	16.0	1.00 24.0	2.00	4.00
2-Methylphenol	DCB	Ave	986282	1588667	124931 2116091	221815	391841	10.0	16.0	1.00 24.0	2.00	4.00
1,2-Dichlorobenzene	DCB	Ave	1141102	1839324	149544 2378440	259011	459368	10.0	16.0	1.00 24.0	2.00	4.00
2,2'-oxybis[1-chloropropane]	DCB	Ave	2061992	3281727	264211 4349640	456712	807481	10.0	16.0	1.00 24.0	2.00	4.00
3 & 4 Methylphenol	DCB	Ave	1025173	1675603	124870 2247792	217889	404054	10.0	16.0	1.00 24.0	2.00	4.00

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 297054

SDG No.: _____

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/07/2015 12:17 Calibration End Date: 05/07/2015 15:43 Calibration ID: 49800

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
4-Methylphenol	DCB	Ave	1025062	1675603	124531 2237911	217778	402183	10.0	16.0	1.00 24.0	2.00	4.00
N-Nitrosodi-n-propylamine	DCB	Ave	6741 752349	15888 1209104	92953 1650282	161022	288492	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Acetophenone	DCB	Ave	1388900	2220863	176699 2927612	308107	556988	10.0	16.0	1.00 24.0	2.00	4.00
Hexachloroethane	DCB	Ave	5007 499559	10628 822066	65020 1080676	110583	197760	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
n,n'-Dimethylaniline	DCB	Ave	1702542	2583622	197819 3520877	348922	690819	10.0	16.0	1.00 24.0	2.00	4.00
Nitrobenzene	NPT	Ave	14707 1479097	31874 2436206	180658 3239749	321846	593898	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Isophorone	NPT	Ave	1812724	37849 2916274	221687 3976905	380974	692043	10.0	0.200 16.0	1.00 24.0	2.00	4.00
2,4-Dimethylphenol	NPT	Ave	969869	1567427	147931 2045629	208827	367292	10.0	16.0	1.00 24.0	2.00	4.00
2-Nitrophenol	NPT	Ave	511713	902957	63639 1168183	113035	208271	10.0	16.0	1.00 24.0	2.00	4.00
Benzoic acid	NPT	Ave	490012	881195	42800 1222537	82611	200324	10.0	16.0	1.00 24.0	2.00	4.00
Bis(2-chloroethoxy)methane	NPT	Ave	1229117	1959769	153136 2616494	266420	473807	10.0	16.0	1.00 24.0	2.00	4.00
2,4-Dichlorophenol	NPT	Ave	808900	1311404	89570 1754010	155815	300110	10.0	16.0	1.00 24.0	2.00	4.00
1,2,4-Trichlorobenzene	NPT	Ave	8672 848148	19918 1367614	110171 1815015	190557	337646	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Naphthalene	NPT	Ave	3078157	4885856	399847 6357031	693773	1232814	10.0	16.0	1.00 24.0	2.00	4.00
4-Chloroaniline	NPT	Ave	1654294	2650438	207846 3547946	360857	656005	10.0	16.0	1.00 24.0	2.00	4.00
Hexachlorobutadiene	NPT	Ave	4577 444044	9803 724198	57244 962341	97115	172854	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
4-Chloro-3-methylphenol	NPT	Ave	777484	1263745	84027 1710947	148694	279659	10.0	16.0	1.00 24.0	2.00	4.00
2-Methylnaphthalene	NPT	Ave	1909926	3016097	243103 4017779	413693	741028	10.0	16.0	1.00 24.0	2.00	4.00
1-Methylnaphthalene	NPT	Ave	1764530	2810281	224297 3719595	386774	696808	10.0	16.0	1.00 24.0	2.00	4.00
2-tertbutyl-4-methylphenol	NPT	Ave	1308651	1976932	134937 2743988	250515	506738	10.0	16.0	1.00 24.0	2.00	4.00
Hexachlorocyclopentadiene	ANT	Ave	475078	785911	55517 1069649	98391	183692	10.0	16.0	1.00 24.0	2.00	4.00

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 297054

SDG No.: _____

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/07/2015 12:17 Calibration End Date: 05/07/2015 15:43 Calibration ID: 49800

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,4,5-Tetrachlorobenzene	ANT	Ave			95106 1613775	163223	285536			1.00 24.0	2.00	4.00
2,4,6-Trichlorophenol	ANT	Ave	743810	1195193	9359 57953	102658	186133	10.0	16.0	1.00 24.0	2.00	4.00
2,4,5-Trichlorophenol	ANT	Ave	496622	810552	1082083			10.0	16.0	1.00 24.0	2.00	4.00
1,1'-Biphenyl	ANT	Ave	528526	850817	59294 1153711	108180	198198	10.0	16.0	1.00 24.0	2.00	4.00
2-Chloronaphthalene	ANT	Ave			269354 4531805	463380	833841	10.0	16.0	1.00 24.0	2.00	4.00
Phenyl ether	ANT	Ave	2168051	3394913	210542 3547670	360461	640703	10.0	16.0	1.00 24.0	2.00	4.00
2-Nitroaniline	ANT	Ave	1680900	2667724	124320 2386769	223453	438325	10.0	16.0	1.00 24.0	2.00	4.00
1,3-Dimethylnaphthalene	ANT	Ave	588366	968822	66004 1139490	118889	219333	10.0	16.0	1.00 24.0	2.00	4.00
Dimethyl phthalate	ANT	Ave	1394371	2132352	156774 2865564	275976	546473	10.0	16.0	1.00 24.0	2.00	4.00
2,6-Dinitrotoluene	ANT	Ave	1593124	2499388	190561 3184202	333052	589567	10.0	16.0	1.00 24.0	2.00	4.00
Coumarin	NPT	Ave	381221	621277	6997 796627	78233	140550	10.0	16.0	1.00 24.0	2.00	4.00
Acenaphthylene	ANT	Ave	607060	912783	64690 1161304	118251	228618	10.0	16.0	1.00 24.0	2.00	4.00
3-Nitroaniline	ANT	Ave	2470665	3932564	303010 5154448	528918	939328	10.0	16.0	1.00 24.0	2.00	4.00
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	454196	735120	51231 900990	90621	163887	10.0	16.0	1.00 24.0	2.00	4.00
2,4-Dinitrophenol	ANT	Ave	1431573	2218645	148662 3082152	271933	537540	10.0	16.0	1.00 24.0	2.00	4.00
4-Nitrophenol	ANT	Ave	438154	719604	38903 875883	78653	149574	20.0	32.0	2.00 48.0	4.00	8.00
Acenaphthene	ANT	Ave	649087	1007812	69513 1196026	125525	218541	20.0	32.0	2.00 48.0	4.00	8.00
2,4-Dinitrotoluene	ANT	Lin2	1649686	2738938	197330 3572934	341407	603759	10.0	16.0	1.00 24.0	2.00	4.00
Dibenzofuran	ANT	Ave	7479 465888	7479 746769	51299 895910	93305	166060	10.0	16.0	1.00 24.0	2.00	4.00
2,3,4,6-Tetrachlorophenol	ANT	Ave	2172152	3408111	263163 4437157	461036	814383	10.0	16.0	1.00 24.0	2.00	4.00
Diethyl phthalate	ANT	Ave	361407	588346	39965 754528	71032	128647	10.0	16.0	1.00 24.0	2.00	4.00
	ANT	Ave	1570610	2416735	186140 2941217	329094	572951	10.0	16.0	1.00 24.0	2.00	4.00

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 297054

SDG No.: _____

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/07/2015 12:17 Calibration End Date: 05/07/2015 15:43 Calibration ID: 49800

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
4-Chlorophenyl phenyl ether	ANT	Ave	753162	1195967	88166 1552319	155410	276171	10.0	16.0	1.00 24.0	2.00	4.00
4-Nitroaniline	ANT	Ave	413904	630699	44956 735771	84892	140969	10.0	16.0	1.00 24.0	2.00	4.00
Fluorene	ANT	Ave	1692392	2630830	203111 3350832	358054	628566	10.0	16.0	1.00 24.0	2.00	4.00
4,6-Dinitro-2-methylphenol	PHN	Ave	478658	9521 758285	53800 881467	91261	165789	20.0	0.400 32.0	2.00 48.0	4.00	8.00
N-Nitrosodiphenylamine	PHN	Ave	1264905	1837091	131943 2379844	239022	443441	10.0	16.0	1.00 24.0	2.00	4.00
1,2-Diphenylhydrazine	PHN	Ave	1921110	2991729	223254 3820576	394638	685186	10.0	16.0	1.00 24.0	2.00	4.00
4-Bromophenyl phenyl ether	PHN	Ave	419267	656221	47872 824136	84437	150286	10.0	16.0	1.00 24.0	2.00	4.00
Hexachlorobenzene	PHN	Ave	4365 428399	10102 665870	49276 822626	91067	156759	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
n-Octadecane	PHN	Ave	1536334	2422317	159854 3203027	294762	525428	10.0	16.0	1.00 24.0	2.00	4.00
Pentachlorophenol	PHN	Ave	526117	832112	53385 982682	100344	180237	20.0	32.0	2.00 48.0	4.00	8.00
Pentachloronitrobenzene	PHN	Ave	166948	243413	16442 288935	31088	60285	10.0	16.0	1.00 24.0	2.00	4.00
Phenanthrene	PHN	Ave	2086421	3100156	258623 3568796	463090	777622	10.0	16.0	1.00 24.0	2.00	4.00
Anthracene	PHN	Ave	2131546	3182702	266775 3687455	467770	788768	10.0	16.0	1.00 24.0	2.00	4.00
Carbazole	PHN	Ave	1760164	2529395	228032 2851603	401699	638653	10.0	16.0	1.00 24.0	2.00	4.00
Di-n-butyl phthalate	PHN	Ave	2103367	3056706	260034 3489800	463625	747834	10.0	16.0	1.00 24.0	2.00	4.00
Fluoranthene	PHN	Ave	1453588	2103924	204843 2463736	349316	548686	10.0	16.0	1.00 24.0	2.00	4.00
Benzidine	PHN	Ave	738291	1074501	57265 1563600	137122	249699	10.0	16.0	1.00 24.0	2.00	4.00
Bisphenol-A	CRY	Qua	332815	434474	++++ 715052	822	56188	10.0	16.0	++++ 24.0	2.00	4.00
Pyrene	CRY	Qua	1404178	2047527	200686 2429196	343374	532640	10.0	16.0	1.00 24.0	2.00	4.00
Butyl benzyl phthalate	CRY	Ave	483360	778829	62806 1108825	109695	180006	10.0	16.0	1.00 24.0	2.00	4.00
Carbamazepine	CRY	Qua	287576	508398	20169 783983	40831	94980	10.0	16.0	1.00 24.0	2.00	4.00

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 297054

SDG No.: _____

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/07/2015 12:17 Calibration End Date: 05/07/2015 15:43 Calibration ID: 49800

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
2,3,7,8-TCDD	CRY	Ave	1225					0.100				
Bis(2-ethylhexyl) phthalate	CRY	Ave	603059	9740 1003641	56239 1504563	111388	209342	10.0	0.200 16.0	1.00 24.0	2.00	4.00
3,3'-Dichlorobenzidine	CRY	Lin2	290750	4110 466930	23931 723441	48117	105192	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[a]anthracene	CRY	Ave	7667 794271	18240 1274189	89348 1849806	160752	292201	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Chrysene	CRY	Ave	750588	16863 1220236	86258 1745493	157539	282719	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Di-n-octyl phthalate	PRY	Ave	922109	1617202	59867 2511887	144215	321911	10.0	16.0	1.00 24.0	2.00	4.00
Benzo[b]fluoranthene	PRY	Ave	4172 670020	10516 1117530	53063 1761659	116177	250015	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[k]fluoranthene	PRY	Ave	5093 710244	12097 1220717	55166 1873832	129190	276020	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[a]pyrene	PRY	Ave	4914 639726	9925 1100776	49012 1756103	112717	247269	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Indeno[1,2,3-cd]pyrene	PRY	Ave	5881 762744	12321 1358803	63175 2195745	140480	296040	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Dibenz(a,h)anthracene	PRY	Ave	4768 628812	10583 1122596	53125 1838672	117358	243452	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[g,h,i]perylene	PRY	Ave	624223	1073996	55092 1735873	123798	251537	10.0	16.0	1.00 24.0	2.00	4.00
2-Fluorophenol	DCB	Ave	1087373	20628 1767464	130688 2269871	232376	410158	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Phenol-d5	DCB	Ave	1325888	23185 2127694	149154 2775930	275505	494387	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Nitrobenzene-d5	NPT	Ave	11765 1186558	23341 1973240	138164 2566156	247935	445570	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
2-Fluorobiphenyl	ANT	Ave	19315 1968604	42029 3070380	225831 3978910	400265	706906	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
2,4,6-Tribromophenol	ANT	Ave	217375	3993 351393	22367 421004	39974	71699	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Terphenyl-d14	CRY	QuaF	9083 922189	24224 1335780	117453 1617770	213003	319357	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua = Quadratic ISTD
QuaF = Quadratic ISTD forced zero

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15817.D
 Lims ID: ICIS
 Client ID:
 Sample Type: ICIS Calib Level: 6
 Inject. Date: 07-May-2015 12:17:30 ALS Bottle#: 2 Worklist Smp#: 2
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027129-002
 Operator ID: Instrument ID: CBNAMS13
 Sublist: chrom-8270LVI_R13*sub15
 Method: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\8270LVI_R13.m
 Limit Group: SV 8270D ICAL
 Last Update: 10-May-2015 13:10:50 Calib Date: 07-May-2015 19:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK016

First Level Reviewer: croccom

Date: 07-May-2015 12:42:56

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	2.946	2.946	0.000	98	458704	10.0	9.90	
2 N-Nitrosodimethylamine	74	3.181	3.181	0.000	83	698268	10.0	9.89	
3 Pyridine	79	3.257	3.257	0.000	83	1173323	10.0	9.93	
\$ 4 2-Fluorophenol	112	4.393	4.393	0.000	94	1087373	10.0	10.2	
\$ 6 Phenol-d5	99	5.228	5.228	0.000	91	1325888	10.0	10.5	
7 Phenol	94	5.245	5.245	0.000	99	1333225	10.0	9.80	
8 Aniline	93	5.328	5.328	0.000	100	1845992	10.0	10.5	
9 Bis(2-chloroethyl)ether	93	5.351	5.351	0.000	95	1175344	10.0	8.93	
125 Benzonitrile	103	5.410	5.410	0.000	98	2093002	NC	NC	
11 n-Decane	43	5.457	5.457	0.000	94	1566258	10.0	9.68	
10 2-Chlorophenol	128	5.463	5.463	0.000	95	1096286	10.0	9.67	
12 1,3-Dichlorobenzene	146	5.622	5.622	0.000	95	1226846	10.0	9.75	
* 13 1,4-Dichlorobenzene-d4	152	5.669	5.669	0.000	96	613157	8.00	8.00	
14 1,4-Dichlorobenzene	146	5.687	5.687	0.000	94	1224734	10.0	9.62	
15 Benzyl alcohol	108	5.763	5.763	0.000	94	711306	10.0	11.1	
17 2-Methylphenol	108	5.845	5.845	0.000	89	986282	10.0	9.74	
16 1,2-Dichlorobenzene	146	5.845	5.845	0.000	93	1141102	10.0	9.69	
18 2,2'-oxybis[1-chloropropan	45	5.887	5.887	0.000	94	2061992	10.0	9.81	
21 4-Methylphenol	108	5.992	5.992	0.000	94	1025062	10.0	9.87	
22 3 & 4 Methylphenol	108	5.992	5.992	0.000	67	1025173	10.0	9.85	
20 N-Nitrosodi-n-propylamine	70	6.022	6.022	0.000	92	752349	10.0	10.2	
126 N-Methylaniline	106	6.028	6.028	0.000	79	1622239	NC	NC	
19 Acetophenone	105	6.039	6.039	0.000	96	1388900	10.0	9.78	
24 Hexachloroethane	117	6.198	6.198	0.000	90	499559	10.0	9.86	
\$ 25 Nitrobenzene-d5	82	6.204	6.204	0.000	90	1186558	10.0	10.0	
27 n,n'-Dimethylaniline	120	6.222	6.222	0.000	93	1702542	10.0	10.2	
26 Nitrobenzene	77	6.228	6.228	0.000	91	1479097	10.0	9.71	
28 Isophorone	82	6.451	6.451	0.000	99	1812724	10.0	9.83	
30 2,4-Dimethylphenol	122	6.534	6.534	0.000	91	969869	10.0	9.36	
29 2-Nitrophenol	139	6.545	6.545	0.000	90	511713	10.0	9.31	
32 Benzoic acid	122	6.598	6.598	0.000	86	490012	10.0	10.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
31 Bis(2-chloroethoxy)methane	93	6.628	6.628	0.000	98	1229117	10.0	9.70	
33 2,4-Dichlorophenol	162	6.781	6.781	0.000	96	808900	10.0	10.1	
34 1,2,4-Trichlorobenzene	180	6.881	6.881	0.000	95	848148	10.0	9.52	
* 35 Naphthalene-d8	136	6.951	6.951	0.000	100	2320531	8.00	8.00	
36 Naphthalene	128	6.975	6.975	0.000	98	3078157	10.0	9.55	
37 4-Chloroaniline	127	6.986	6.986	0.000	96	1654294	10.0	9.61	
38 Hexachlorobutadiene	225	7.086	7.086	0.000	93	444044	10.0	9.62	
40 4-Chloro-3-methylphenol	107	7.439	7.439	0.000	97	777484	10.0	10.2	
41 2-Methylnaphthalene	142	7.669	7.669	0.000	86	1909926	10.0	9.68	
42 1-Methylnaphthalene	142	7.775	7.775	0.000	93	1764530	10.0	9.62	
45 2-tertbutyl-4-methylphenol	149	7.792	7.792	0.000	92	1308651	10.0	10.3	
43 Hexachlorocyclopentadiene	237	7.833	7.833	0.000	95	475078	10.0	10.4	
44 1,2,4,5-Tetrachlorobenzene	216	7.845	7.845	0.000	95	743810	10.0	10.3	
46 2,4,6-Trichlorophenol	196	7.933	7.933	0.000	87	496622	10.0	10.8	
47 2,4,5-Trichlorophenol	196	7.975	7.975	0.000	95	528526	10.0	10.6	
\$ 48 2-Fluorobiphenyl	172	8.016	8.016	0.000	97	1968604	10.0	11.0	
49 1,1'-Biphenyl	154	8.128	8.128	0.000	96	2168051	10.0	10.5	
50 2-Chloronaphthalene	162	8.175	8.175	0.000	97	1680900	10.0	10.4	
53 Phenyl ether	170	8.222	8.222	0.000	88	1129720	10.0	10.8	
54 2-Nitroaniline	65	8.239	8.239	0.000	98	588366	10.0	10.8	
55 1,3-Dimethylnaphthalene	156	8.380	8.380	0.000	92	1394371	10.0	10.8	
56 Dimethyl phthalate	163	8.392	8.392	0.000	98	1593124	10.0	10.7	
58 2,6-Dinitrotoluene	165	8.469	8.469	0.000	95	381221	10.0	11.1	
57 Coumarin	146	8.475	8.475	0.000	82	607060	10.0	10.5	
59 Acenaphthylene	152	8.604	8.604	0.000	97	2470665	10.0	10.5	
60 3-Nitroaniline	138	8.651	8.651	0.000	95	454196	10.0	10.9	
63 3,5-di-tert-butyl-4-hydrox	205	8.686	8.686	0.000	99	1431573	10.0	11.0	
* 61 Acenaphthene-d10	164	8.745	8.745	0.000	98	984708	8.00	8.00	
64 2,4-Dinitrophenol	184	8.757	8.757	0.000	93	438154	20.0	23.1	
65 4-Nitrophenol	65	8.775	8.775	0.000	89	649087	20.0	22.8	
62 Acenaphthene	154	8.780	8.780	0.000	96	1649686	10.0	10.5	
67 2,4-Dinitrotoluene	165	8.880	8.880	0.000	94	465888	10.0	10.9	
66 Dibenzofuran	168	8.945	8.945	0.000	95	2172152	10.0	10.6	
68 2,3,4,6-Tetrachlorophenol	232	9.057	9.057	0.000	90	361407	10.0	10.9	
69 Diethyl phthalate	149	9.092	9.092	0.000	98	1570610	10.0	10.9	
71 4-Chlorophenyl phenyl ethe	204	9.257	9.257	0.000	84	753162	10.0	10.7	
72 4-Nitroaniline	138	9.275	9.275	0.000	93	413904	10.0	11.3	
70 Fluorene	166	9.298	9.298	0.000	96	1692392	10.0	10.7	
73 4,6-Dinitro-2-methylphenol	198	9.310	9.310	0.000	84	478658	20.0	20.3	
74 N-Nitrosodiphenylamine	169	9.369	9.369	0.000	68	1264905	10.0	10.1	
75 1,2-Diphenylhydrazine	77	9.422	9.422	0.000	99	1921110	10.0	9.59	
\$ 76 2,4,6-Tribromophenol	330	9.539	9.539	0.000	93	217375	10.0	11.6	
77 4-Bromophenyl phenyl ether	248	9.757	9.757	0.000	85	419267	10.0	9.65	
78 Hexachlorobenzene	284	9.875	9.875	0.000	99	428399	10.0	9.66	
82 n-Octadecane	57	10.010	10.010	0.000	94	1536334	10.0	9.82	
121 Pentachlorophenol	266	10.051	10.051	0.000	92	526117	20.0	20.1	
81 Pentachloronitrobenzene	237	10.074	10.074	0.000	86	166948	10.0	10.3	
* 83 Phenanthrene-d10	188	10.263	10.263	0.000	99	1415596	8.00	8.00	
84 Phenanthrene	178	10.286	10.286	0.000	98	2086421	10.0	9.61	
85 Anthracene	178	10.339	10.339	0.000	98	2131546	10.0	9.60	
86 Carbazole	167	10.474	10.474	0.000	96	1760164	10.0	9.67	
87 Di-n-butyl phthalate	149	10.757	10.757	0.000	100	2103367	10.0	9.79	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Fluoranthene	202	11.633	11.633	0.000	97	1453588	10.0	9.29	
122 Benzidine	184	11.727	11.727	0.000	100	738291	10.0	10.4	
123 Bisphenol-A	213	11.868	11.868	0.000	0	332815	10.0	11.3	
90 Pyrene	202	11.939	11.939	0.000	96	1404178	10.0	9.65	
\$ 91 Terphenyl-d14	244	12.057	12.057	0.000	99	922189	10.0	9.90	
92 Butyl benzyl phthalate	149	12.674	12.674	0.000	98	483360	10.0	9.39	
93 Carbamazepine	193	12.910	12.910	0.000	93	287576	10.0	9.63	
108 2,3,7,8-TCDD	320	12.927	12.927	0.000	88	1225	0.1000	0.1000	
98 Bis(2-ethylhexyl) phthalat	149	13.521	13.521	0.000	90	603059	10.0	10.6	
94 3,3'-Dichlorobenzidine	252	13.551	13.551	0.000	99	290750	10.0	10.3	
95 Benzo[a]anthracene	228	13.657	13.657	0.000	99	794271	10.0	9.73	
* 96 Chrysene-d12	240	13.674	13.674	0.000	98	531508	8.00	8.00	
97 Chrysene	228	13.715	13.715	0.000	98	750588	10.0	9.74	
99 Di-n-octyl phthalate	149	14.586	14.586	0.000	97	922109	10.0	10.5	
100 Benzo[b]fluoranthene	252	15.433	15.433	0.000	97	670020	10.0	10.6	
101 Benzo[k]fluoranthene	252	15.480	15.480	0.000	98	710244	10.0	10.2	
102 Benzo[a]pyrene	252	16.027	16.027	0.000	95	639726	10.0	10.2	
* 103 Perylene-d12	264	16.133	16.133	0.000	95	454831	8.00	8.00	
104 Indeno[1,2,3-cd]pyrene	276	18.409	18.409	0.000	94	762744	10.0	9.90	
105 Dibenz(a,h)anthracene	278	18.427	18.427	0.000	93	628812	10.0	9.81	
106 Benzo[g,h,i]perylene	276	19.103	19.103	0.000	94	624223	10.0	9.40	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_BNAL6_00023

Amount Added: 1.00

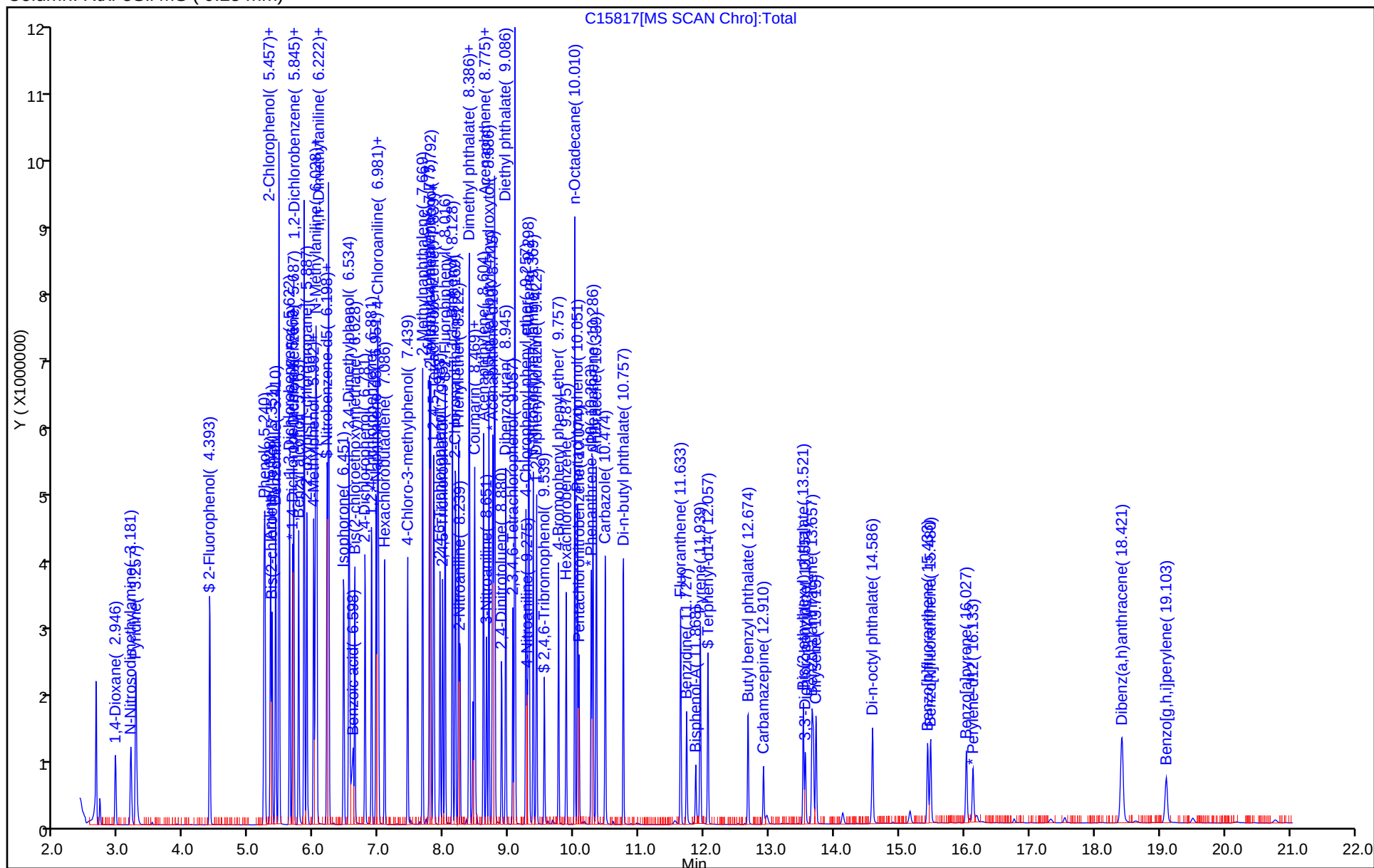
Units: mL

Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File:	\\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15817.D		
Injection Date:	07-May-2015 12:17:30	Instrument ID:	CBNAMS13
Lims ID:	ICIS		
Client ID:			
Injection Vol:	5.0 ul	Dil. Factor:	1.0000
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL
Column:	Rtxi-5Sil MS (0.25 mm)		

Operator ID:
Worklist Smp#: 2
ALS Bottle#: 2



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15818.D
 Lims ID: STD24
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 07-May-2015 12:48:30 ALS Bottle#: 3 Worklist Smp#: 3
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027129-003
 Operator ID: Instrument ID: CBNAMS13
 Sublist: chrom-8270LVI_R13*sub15
 Method: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\8270LVI_R13.m
 Limit Group: SV 8270D ICAL
 Last Update: 10-May-2015 13:10:56 Calib Date: 07-May-2015 19:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK016

First Level Reviewer: croccom

Date: 07-May-2015 14:26:07

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	2.928	2.946	-0.018	97	956723	24.0	23.1	
2 N-Nitrosodimethylamine	74	3.175	3.181	-0.006	83	1485175	24.0	23.6	
3 Pyridine	79	3.246	3.257	-0.011	84	2542042	24.0	24.1	
\$ 4 2-Fluorophenol	112	4.393	4.393	0.001	93	2269871	24.0	23.9	
\$ 6 Phenol-d5	99	5.240	5.228	0.012	95	2775930	24.0	24.6	
7 Phenol	94	5.251	5.245	0.006	99	2862378	24.0	23.6	
8 Aniline	93	5.334	5.328	0.006	100	3650507	24.0	23.2	
9 Bis(2-chloroethyl)ether	93	5.357	5.351	0.006	87	2843427	24.0	24.2	
125 Benzonitrile	103	5.416	5.410	0.006	97	4402331	NC	NC	
11 n-Decane	43	5.457	5.457	0.000	94	3235463	24.0	22.4	
10 2-Chlorophenol	128	5.469	5.463	0.006	94	2370205	24.0	23.4	
12 1,3-Dichlorobenzene	146	5.628	5.622	0.006	95	2578957	24.0	23.0	
* 13 1,4-Dichlorobenzene-d4	152	5.669	5.669	0.000	96	547342	8.00	8.00	
14 1,4-Dichlorobenzene	146	5.687	5.687	0.000	93	2610672	24.0	23.0	
15 Benzyl alcohol	108	5.769	5.763	0.006	93	1529454	24.0	26.8	
17 2-Methylphenol	108	5.851	5.845	0.006	88	2116091	24.0	23.4	
16 1,2-Dichlorobenzene	146	5.851	5.845	0.006	94	2378440	24.0	22.6	
18 2,2'-oxybis[1-chloropropan	45	5.892	5.887	0.005	94	4349640	24.0	23.2	
21 4-Methylphenol	108	6.004	5.992	0.012	93	2237911	24.0	24.1	
22 3 & 4 Methylphenol	108	6.004	5.992	0.012	67	2247792	24.0	24.2	
20 N-Nitrosodi-n-propylamine	70	6.040	6.022	0.018	87	1650282	24.0	25.0	
126 N-Methylaniline	106	6.034	6.028	0.006	32	3409176	NC	NC	
19 Acetophenone	105	6.051	6.039	0.012	96	2927612	24.0	23.1	
24 Hexachloroethane	117	6.198	6.198	0.000	90	1080676	24.0	23.9	
\$ 25 Nitrobenzene-d5	82	6.210	6.204	0.006	91	2566156	24.0	24.5	
27 n,n'-Dimethylaniline	120	6.228	6.222	0.006	95	3520877	24.0	23.5	
26 Nitrobenzene	77	6.234	6.228	0.006	92	3239749	24.0	24.0	
28 Isophorone	82	6.469	6.451	0.018	99	3976905	24.0	24.4	
30 2,4-Dimethylphenol	122	6.539	6.534	0.005	91	2045629	24.0	22.3	
29 2-Nitrophenol	139	6.551	6.545	0.006	89	1168183	24.0	24.0	
32 Benzoic acid	122	6.634	6.598	0.036	33	1222537	24.0	28.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
31 Bis(2-chloroethoxy)methane	93	6.634	6.628	0.006	98	2616494	24.0	23.3	
33 2,4-Dichlorophenol	162	6.787	6.781	0.006	96	1754010	24.0	24.7	
34 1,2,4-Trichlorobenzene	180	6.887	6.881	0.006	95	1815015	24.0	23.0	
* 35 Naphthalene-d8	136	6.957	6.951	0.006	99	2054211	8.00	8.00	
36 Naphthalene	128	6.981	6.975	0.006	98	6357031	24.0	22.3	
37 4-Chloroaniline	127	6.992	6.986	0.006	95	3547946	24.0	23.3	
38 Hexachlorobutadiene	225	7.087	7.086	0.000	92	962341	24.0	23.6	
40 4-Chloro-3-methylphenol	107	7.445	7.439	0.006	97	1710947	24.0	25.2	
41 2-Methylnaphthalene	142	7.669	7.669	0.000	85	4017779	24.0	23.0	
42 1-Methylnaphthalene	142	7.781	7.775	0.006	93	3719595	24.0	22.9	
45 2-tertbutyl-4-methylphenol	149	7.798	7.792	0.006	91	2743988	24.0	24.4	
43 Hexachlorocyclopentadiene	237	7.834	7.833	0.001	95	1069649	24.0	23.8	
44 1,2,4,5-Tetrachlorobenzene	216	7.845	7.845	0.000	98	1613775	24.0	22.7	
46 2,4,6-Trichlorophenol	196	7.939	7.933	0.006	86	1082083	24.0	24.0	
47 2,4,5-Trichlorophenol	196	7.981	7.975	0.006	94	1153711	24.0	23.6	
\$ 48 2-Fluorobiphenyl	172	8.016	8.016	0.000	97	3978910	24.0	22.5	
49 1,1'-Biphenyl	154	8.134	8.128	0.006	97	4531805	24.0	22.3	
50 2-Chloronaphthalene	162	8.175	8.175	0.000	95	3547670	24.0	22.4	
53 Phenyl ether	170	8.228	8.222	0.006	87	2386769	24.0	23.3	
54 2-Nitroaniline	65	8.245	8.239	0.006	96	1139490	24.0	21.4	
55 1,3-Dimethylnaphthalene	156	8.386	8.380	0.006	90	2865564	24.0	22.6	
56 Dimethyl phthalate	163	8.398	8.392	0.006	98	3184202	24.0	21.8	
58 2,6-Dinitrotoluene	165	8.475	8.469	0.006	95	796627	24.0	23.5	
57 Coumarin	146	8.481	8.475	0.006	81	1161304	24.0	22.6	
59 Acenaphthylene	152	8.610	8.604	0.006	97	5154448	24.0	22.2	
60 3-Nitroaniline	138	8.657	8.651	0.006	96	900990	24.0	22.0	
63 3,5-di-tert-butyl-4-hydrox	205	8.692	8.686	0.006	99	3082152	24.0	24.1	
* 61 Acenaphthene-d10	164	8.745	8.745	0.000	94	968018	8.00	8.00	
64 2,4-Dinitrophenol	184	8.763	8.757	0.006	93	875883	48.0	47.0	
65 4-Nitrophenol	65	8.781	8.775	0.006	60	1196026	48.0	42.7	
62 Acenaphthene	154	8.781	8.780	0.001	96	3572934	24.0	23.2	
67 2,4-Dinitrotoluene	165	8.886	8.880	0.006	93	895910	24.0	21.3	
66 Dibenzofuran	168	8.951	8.945	0.006	95	4437157	24.0	22.0	
68 2,3,4,6-Tetrachlorophenol	232	9.057	9.057	0.000	90	754528	24.0	23.1	
69 Diethyl phthalate	149	9.098	9.092	0.006	98	2941217	24.0	20.7	
71 4-Chlorophenyl phenyl ethe	204	9.257	9.257	0.000	83	1552319	24.0	22.5	
72 4-Nitroaniline	138	9.286	9.275	0.011	90	735771	24.0	20.5	
70 Fluorene	166	9.298	9.298	0.000	96	3350832	24.0	21.6	
73 4,6-Dinitro-2-methylphenol	198	9.316	9.310	0.006	81	881467	48.0	51.8	
74 N-Nitrosodiphenylamine	169	9.375	9.369	0.006	68	2379844	24.0	26.4	
75 1,2-Diphenylhydrazine	77	9.422	9.422	0.000	99	3820576	24.0	26.4	
\$ 76 2,4,6-Tribromophenol	330	9.545	9.539	0.006	93	421004	24.0	22.9	
77 4-Bromophenyl phenyl ether	248	9.763	9.757	0.006	85	824136	24.0	26.3	
78 Hexachlorobenzene	284	9.880	9.875	0.006	99	822626	24.0	25.7	
82 n-Octadecane	57	10.010	10.010	0.000	95	3203027	24.0	28.4	
121 Pentachlorophenol	266	10.057	10.051	0.006	92	982682	48.0	52.1	
81 Pentachloronitrobenzene	237	10.075	10.074	0.001	85	288935	24.0	24.8	
* 83 Phenanthrene-d10	188	10.263	10.263	0.000	99	1021859	8.00	8.00	
84 Phenanthrene	178	10.292	10.286	0.006	98	3568796	24.0	22.8	
85 Anthracene	178	10.345	10.339	0.006	98	3687455	24.0	23.0	
86 Carbazole	167	10.480	10.474	0.006	96	2851603	24.0	21.7	
87 Di-n-butyl phthalate	149	10.757	10.757	0.000	100	3489800	24.0	22.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Fluoranthene	202	11.639	11.633	0.006	97	2463736	24.0	21.8	
122 Benzidine	184	11.727	11.727	0.000	99	1563600	24.0	30.5	
123 Bisphenol-A	213	11.869	11.868	0.001	0	715052	24.0	24.3	
90 Pyrene	202	11.939	11.939	0.000	96	2429196	24.0	23.5	
\$ 91 Terphenyl-d14	244	12.057	12.057	0.000	98	1617770	24.0	23.5	
92 Butyl benzyl phthalate	149	12.674	12.674	0.000	98	1108825	24.0	22.5	
93 Carbamazepine	193	12.916	12.910	0.006	93	783983	24.0	23.9	
98 Bis(2-ethylhexyl) phthalat	149	13.521	13.521	0.000	90	1504563	24.0	27.7	
94 3,3'-Dichlorobenzidine	252	13.557	13.551	0.006	99	723441	24.0	26.6	
95 Benzo[a]anthracene	228	13.663	13.657	0.006	100	1849806	24.0	23.7	
* 96 Chrysene-d12	240	13.680	13.674	0.006	98	507783	8.00	8.00	
97 Chrysene	228	13.721	13.715	0.006	98	1745493	24.0	23.7	
99 Di-n-octyl phthalate	149	14.592	14.586	0.006	97	2511887	24.0	26.0	
100 Benzo[b]fluoranthene	252	15.439	15.433	0.006	97	1761659	24.0	25.3	
101 Benzo[k]fluoranthene	252	15.486	15.480	0.006	98	1873832	24.0	24.4	
102 Benzo[a]pyrene	252	16.039	16.027	0.012	95	1756103	24.0	25.5	
* 103 Perylene-d12	264	16.133	16.133	0.000	96	500361	8.00	8.00	
104 Indeno[1,2,3-cd]pyrene	276	18.433	18.409	0.024	97	2195745	24.0	25.9	
105 Dibenz(a,h)anthracene	278	18.445	18.427	0.018	95	1838672	24.0	26.1	
106 Benzo[g,h,i]perylene	276	19.121	19.103	0.018	94	1735873	24.0	23.8	
S 119 Total Cresols	1				0			47.6	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

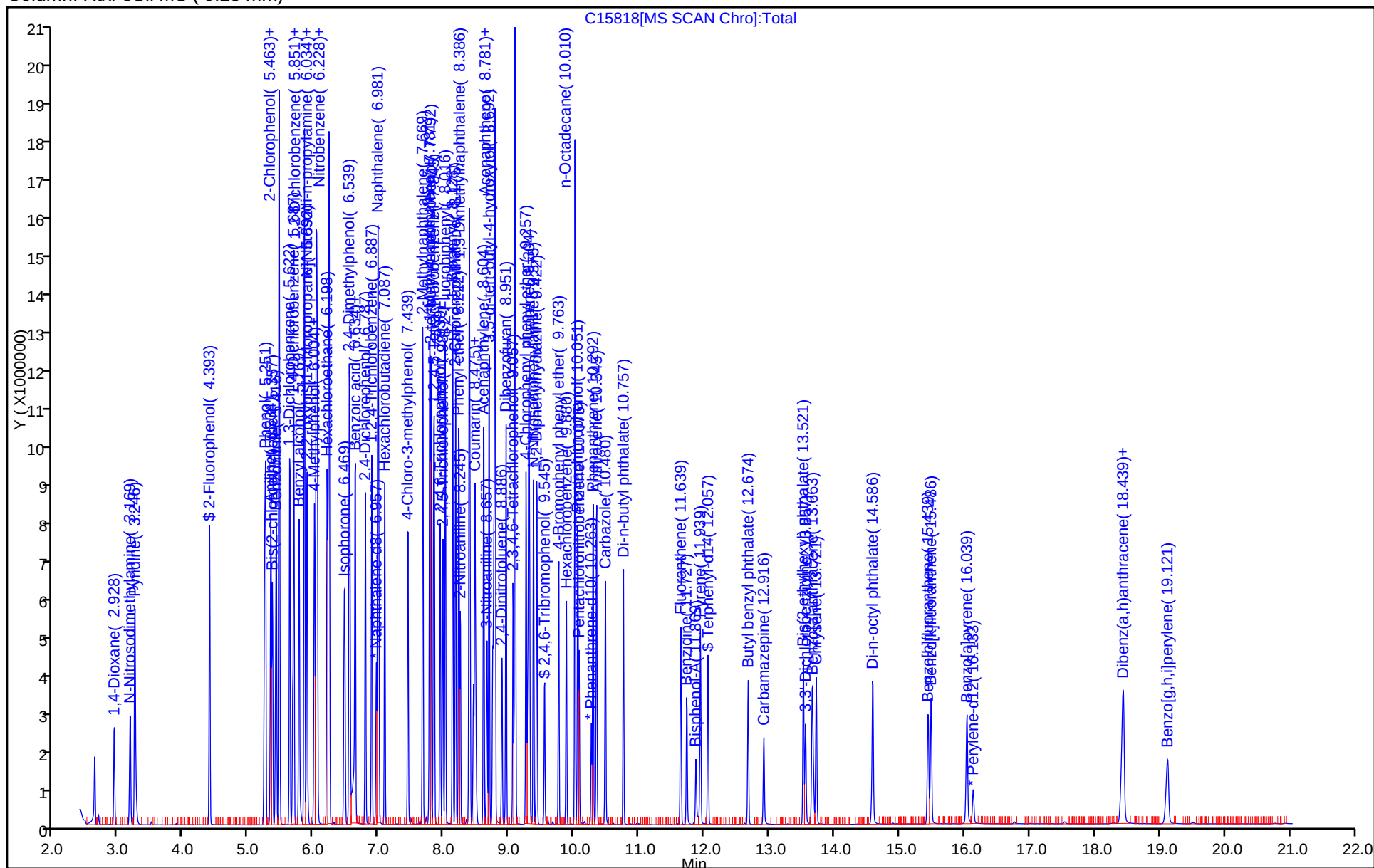
SM_BNAL8_00006

Amount Added: 1.00

Units: mL

Data File:	\\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15818.D		
Injection Date:	07-May-2015 12:48:30	Instrument ID:	CBNAMS13
Lims ID:	STD24		
Client ID:			
Injection Vol:	5.0 ul	Dil. Factor:	1.0000
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL
Column:	Rtxi-5Sil MS (0.25 mm)		

ALS Bottle#: 3



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15819.D
 Lims ID: STD16
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 07-May-2015 13:17:30 ALS Bottle#: 4 Worklist Smp#: 4
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027129-004
 Operator ID: Instrument ID: CBNAMS13
 Sublist: chrom-8270LVI_R13*sub15
 Method: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\8270LVI_R13.m
 Limit Group: SV 8270D ICAL
 Last Update: 10-May-2015 13:11:00 Calib Date: 07-May-2015 19:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK016

First Level Reviewer: croccom

Date: 07-May-2015 14:26:56

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	2.946	2.946	0.000	97	730142	16.0	16.1	
2 N-Nitrosodimethylamine	74	3.187	3.181	0.006	83	1130645	16.0	16.4	
3 Pyridine	79	3.257	3.257	0.000	84	1914806	16.0	16.6	
\$ 4 2-Fluorophenol	112	4.399	4.393	0.007	94	1767464	16.0	17.0	
\$ 6 Phenol-d5	99	5.234	5.228	0.006	91	2127694	16.0	17.2	
7 Phenol	94	5.251	5.245	0.006	99	2170710	16.0	16.3	
8 Aniline	93	5.334	5.328	0.006	100	2791320	16.0	16.2	
9 Bis(2-chloroethyl)ether	93	5.357	5.351	0.006	89	2103836	16.0	16.3	
125 Benzonitrile	103	5.416	5.410	0.006	98	3232705	NC	NC	
11 n-Decane	43	5.457	5.457	0.000	95	2514137	16.0	15.9	
10 2-Chlorophenol	128	5.469	5.463	0.006	94	1793261	16.0	16.2	
12 1,3-Dichlorobenzene	146	5.628	5.622	0.006	95	1977329	16.0	16.1	
* 13 1,4-Dichlorobenzene-d4	152	5.669	5.669	0.000	96	600185	8.00	8.00	
14 1,4-Dichlorobenzene	146	5.687	5.687	0.000	93	1998788	16.0	16.0	
15 Benzyl alcohol	108	5.769	5.763	0.006	93	1123004	16.0	18.0	
17 2-Methylphenol	108	5.851	5.845	0.006	89	1588667	16.0	16.0	
16 1,2-Dichlorobenzene	146	5.851	5.845	0.006	93	1839324	16.0	16.0	
18 2,2'-oxybis[1-chloropropan	45	5.893	5.887	0.006	94	3281727	16.0	16.0	
21 4-Methylphenol	108	5.998	5.992	0.006	93	1675603	16.0	16.5	
22 3 & 4 Methylphenol	108	5.998	5.992	0.006	67	1675603	16.0	16.4	
20 N-Nitrosodi-n-propylamine	70	6.028	6.022	0.006	91	1209104	16.0	16.7	
126 N-Methylaniline	106	6.034	6.028	0.006	82	2508154	NC	NC	
19 Acetophenone	105	6.046	6.039	0.007	95	2220863	16.0	16.0	
24 Hexachloroethane	117	6.198	6.198	0.000	90	822066	16.0	16.6	
\$ 25 Nitrobenzene-d5	82	6.210	6.204	0.006	90	1973240	16.0	17.3	
27 n,n'-Dimethylaniline	120	6.228	6.222	0.006	98	2583622	16.0	15.8	
26 Nitrobenzene	77	6.228	6.228	0.000	92	2436206	16.0	16.6	
28 Isophorone	82	6.457	6.451	0.006	99	2916274	16.0	16.4	
30 2,4-Dimethylphenol	122	6.540	6.534	0.006	90	1567427	16.0	15.7	
29 2-Nitrophenol	139	6.551	6.545	0.006	91	902957	16.0	17.1	
32 Benzoic acid	122	6.622	6.598	0.024	87	881195	16.0	18.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
31 Bis(2-chloroethoxy)methane	93	6.628	6.628	0.000	98	1959769	16.0	16.1	
33 2,4-Dichlorophenol	162	6.787	6.781	0.006	95	1311404	16.0	17.0	
34 1,2,4-Trichlorobenzene	180	6.887	6.881	0.006	95	1367614	16.0	15.9	
* 35 Naphthalene-d8	136	6.957	6.951	0.006	100	2233856	8.00	8.00	
36 Naphthalene	128	6.981	6.975	0.006	98	4885856	16.0	15.7	
37 4-Chloroaniline	127	6.993	6.986	0.007	95	2650438	16.0	16.0	
38 Hexachlorobutadiene	225	7.087	7.086	0.001	92	724198	16.0	16.3	
40 4-Chloro-3-methylphenol	107	7.440	7.439	0.001	97	1263745	16.0	17.2	
41 2-Methylnaphthalene	142	7.669	7.669	0.000	90	3016097	16.0	15.9	
42 1-Methylnaphthalene	142	7.775	7.775	0.000	93	2810281	16.0	15.9	
45 2-tertbutyl-4-methylphenol	149	7.792	7.792	0.000	91	1976932	16.0	16.2	
43 Hexachlorocyclopentadiene	237	7.834	7.833	0.001	95	785911	16.0	16.2	
44 1,2,4,5-Tetrachlorobenzene	216	7.845	7.845	0.000	95	1195193	16.0	15.5	
46 2,4,6-Trichlorophenol	196	7.940	7.933	0.007	87	810552	16.0	16.6	
47 2,4,5-Trichlorophenol	196	7.975	7.975	0.000	94	850817	16.0	16.1	
\$ 48 2-Fluorobiphenyl	172	8.016	8.016	0.000	97	3070380	16.0	16.1	
49 1,1'-Biphenyl	154	8.128	8.128	0.000	96	3394913	16.0	15.4	
50 2-Chloronaphthalene	162	8.175	8.175	0.000	96	2667724	16.0	15.6	
53 Phenyl ether	170	8.222	8.222	0.000	88	1716158	16.0	15.5	
54 2-Nitroaniline	65	8.245	8.239	0.006	98	968822	16.0	16.8	
55 1,3-Dimethylnaphthalene	156	8.381	8.380	0.001	92	2132352	16.0	15.6	
56 Dimethyl phthalate	163	8.392	8.392	0.000	98	2499388	16.0	15.8	
58 2,6-Dinitrotoluene	165	8.469	8.469	0.000	95	621277	16.0	16.9	
57 Coumarin	146	8.475	8.475	0.000	81	912783	16.0	16.3	
59 Acenaphthylene	152	8.604	8.604	0.000	97	3932564	16.0	15.7	
60 3-Nitroaniline	138	8.657	8.651	0.006	96	735120	16.0	16.6	
63 3,5-di-tert-butyl-4-hydrox	205	8.687	8.686	0.001	99	2218645	16.0	16.0	
* 61 Acenaphthene-d10	164	8.745	8.745	0.000	94	1047049	8.00	8.00	
64 2,4-Dinitrophenol	184	8.757	8.757	0.000	91	719604	32.0	35.7	
65 4-Nitrophenol	65	8.775	8.775	0.000	66	1007812	32.0	33.3	
62 Acenaphthene	154	8.781	8.780	0.001	96	2738938	16.0	16.4	
67 2,4-Dinitrotoluene	165	8.887	8.880	0.007	94	746769	16.0	16.4	
66 Dibenzofuran	168	8.951	8.945	0.006	95	3408111	16.0	15.6	
68 2,3,4,6-Tetrachlorophenol	232	9.057	9.057	0.000	90	588346	16.0	16.7	
69 Diethyl phthalate	149	9.092	9.092	0.000	98	2416735	16.0	15.8	
71 4-Chlorophenyl phenyl ethe	204	9.257	9.257	0.000	84	1195967	16.0	16.0	
72 4-Nitroaniline	138	9.281	9.275	0.006	92	630699	16.0	16.2	
70 Fluorene	166	9.298	9.298	0.000	96	2630830	16.0	15.7	
73 4,6-Dinitro-2-methylphenol	198	9.310	9.310	0.000	81	758285	32.0	35.6	
74 N-Nitrosodiphenylamine	169	9.369	9.369	0.000	68	1837091	16.0	16.3	
75 1,2-Diphenylhydrazine	77	9.422	9.422	0.000	99	2991729	16.0	16.5	
\$ 76 2,4,6-Tribromophenol	330	9.539	9.539	0.000	93	351393	16.0	17.7	
77 4-Bromophenyl phenyl ether	248	9.757	9.757	0.000	83	656221	16.0	16.7	
78 Hexachlorobenzene	284	9.875	9.875	0.001	99	665870	16.0	16.6	
82 n-Octadecane	57	10.010	10.010	0.000	94	2422317	16.0	17.1	
121 Pentachlorophenol	266	10.051	10.051	0.000	92	832112	32.0	35.2	
81 Pentachloronitrobenzene	237	10.075	10.074	0.001	85	243413	16.0	16.7	
* 83 Phenanthrene-d10	188	10.263	10.263	0.000	99	1279614	8.00	8.00	
84 Phenanthrene	178	10.286	10.286	0.000	98	3100156	16.0	15.8	
85 Anthracene	178	10.339	10.339	0.000	98	3182702	16.0	15.9	
86 Carbazole	167	10.475	10.474	0.001	96	2529395	16.0	15.4	
87 Di-n-butyl phthalate	149	10.757	10.757	0.000	100	3056706	16.0	15.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Fluoranthene	202	11.633	11.633	0.000	97	2103924	16.0	14.9	
122 Benzidine	184	11.728	11.727	0.001	99	1074501	16.0	16.7	
123 Bisphenol-A	213	11.869	11.868	0.001	0	434474	16.0	14.8	
90 Pyrene	202	11.939	11.939	0.000	96	2047527	16.0	16.8	
\$ 91 Terphenyl-d14	244	12.057	12.057	0.000	99	1335780	16.0	16.8	
92 Butyl benzyl phthalate	149	12.669	12.674	-0.005	98	778829	16.0	15.7	
93 Carbamazepine	193	12.910	12.910	0.000	93	508398	16.0	16.4	
98 Bis(2-ethylhexyl) phthalat	149	13.522	13.521	0.001	91	1003641	16.0	18.3	
94 3,3'-Dichlorobenzidine	252	13.551	13.551	0.000	99	466930	16.0	17.1	
95 Benzo[a]anthracene	228	13.657	13.657	0.000	100	1274189	16.0	16.2	
* 96 Chrysene-d12	240	13.674	13.674	0.000	98	512057	8.00	8.00	
97 Chrysene	228	13.716	13.715	0.001	98	1220236	16.0	16.4	
99 Di-n-octyl phthalate	149	14.586	14.586	0.000	97	1617202	16.0	18.4	
100 Benzo[b]fluoranthene	252	15.439	15.433	0.006	97	1117530	16.0	17.6	
101 Benzo[k]fluoranthene	252	15.480	15.480	0.000	98	1220717	16.0	17.5	
102 Benzo[a]pyrene	252	16.033	16.027	0.006	95	1100776	16.0	17.6	
* 103 Perylene-d12	264	16.127	16.133	-0.006	95	455493	8.00	8.00	
104 Indeno[1,2,3-cd]pyrene	276	18.421	18.409	0.012	97	1358803	16.0	17.6	
105 Dibenz(a,h)anthracene	278	18.433	18.427	0.006	93	1122596	16.0	17.5	
106 Benzo[g,h,i]perylene	276	19.109	19.103	0.006	94	1073996	16.0	16.1	
S 119 Total Cresols	1				0			32.5	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_BNAL7_00006

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\lg2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15819.D

Injection Date: 07-May-2015 13:17:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: STD16

Worklist Smp#: 4

Client ID:

Injection Vol: 5.0 ul

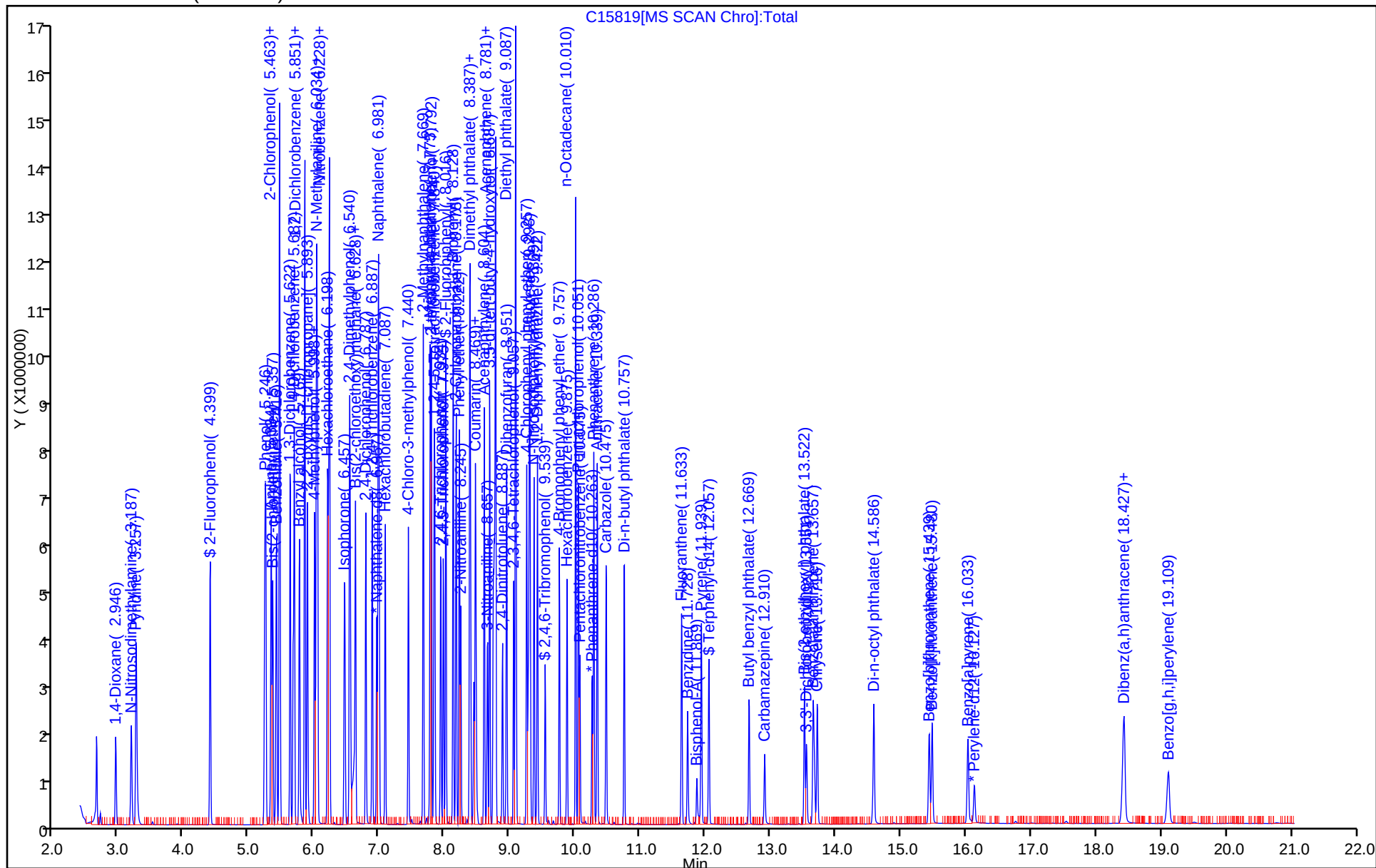
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8270LVI_R13

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15820.D
 Lims ID: STD4
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 07-May-2015 13:46:30 ALS Bottle#: 5 Worklist Smp#: 5
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027129-005
 Operator ID: Instrument ID: CBNAMS13
 Sublist: chrom-8270LVI_R13*sub15
 Method: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\8270LVI_R13.m
 Limit Group: SV 8270D ICAL
 Last Update: 10-May-2015 13:11:04 Calib Date: 07-May-2015 19:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK016

First Level Reviewer: croccom

Date: 07-May-2015 14:28:23

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	2.940	2.946	-0.006	97	180089	4.00	3.95	
2 N-Nitrosodimethylamine	74	3.181	3.181	0.000	83	275538	4.00	3.96	
3 Pyridine	79	3.257	3.257	0.000	84	460555	4.00	3.96	
\$ 4 2-Fluorophenol	112	4.393	4.393	0.001	94	410158	4.00	3.91	
\$ 6 Phenol-d5	99	5.222	5.228	-0.006	90	494387	4.00	3.97	
7 Phenol	94	5.240	5.245	-0.005	99	534341	4.00	3.99	
8 Aniline	93	5.328	5.328	0.000	99	687493	4.00	3.96	
9 Bis(2-chloroethyl)ether	93	5.351	5.351	0.000	95	492723	4.00	3.80	
125 Benzonitrile	103	5.404	5.410	-0.006	98	840767	NC	NC	
11 n-Decane	43	5.457	5.457	0.000	96	631239	4.00	3.96	
10 2-Chlorophenol	128	5.463	5.463	0.000	94	441025	4.00	3.95	
12 1,3-Dichlorobenzene	146	5.622	5.622	0.000	95	487013	4.00	3.93	
* 13 1,4-Dichlorobenzene-d4	152	5.669	5.669	0.000	97	603776	8.00	8.00	
14 1,4-Dichlorobenzene	146	5.687	5.687	0.000	96	497549	4.00	3.97	
15 Benzyl alcohol	108	5.757	5.763	-0.006	94	242047	4.00	3.85	
17 2-Methylphenol	108	5.845	5.845	0.000	90	391841	4.00	3.93	
16 1,2-Dichlorobenzene	146	5.845	5.845	0.000	95	459368	4.00	3.96	
18 2,2'-oxybis[1-chloropropan	45	5.887	5.887	0.000	94	807481	4.00	3.90	
21 4-Methylphenol	108	5.987	5.992	-0.005	94	402183	4.00	3.93	
22 3 & 4 Methylphenol	108	5.987	5.992	-0.005	68	404054	4.00	3.94	
20 N-Nitrosodi-n-propylamine	70	6.016	6.022	-0.006	92	288492	4.00	3.96	
126 N-Methylaniline	106	6.028	6.028	0.000	79	655339	NC	NC	
19 Acetophenone	105	6.040	6.039	0.001	96	556988	4.00	3.98	
24 Hexachloroethane	117	6.198	6.198	0.000	90	197760	4.00	3.96	
\$ 25 Nitrobenzene-d5	82	6.204	6.204	0.000	89	445570	4.00	3.99	
27 n,n'-Dimethylaniline	120	6.216	6.222	-0.006	93	690819	4.00	4.19	
26 Nitrobenzene	77	6.222	6.228	-0.006	90	593898	4.00	4.13	
28 Isophorone	82	6.445	6.451	-0.006	99	692043	4.00	3.98	
30 2,4-Dimethylphenol	122	6.528	6.534	-0.006	91	367292	4.00	3.76	
29 2-Nitrophenol	139	6.545	6.545	0.000	94	208271	4.00	4.02	
32 Benzoic acid	122	6.569	6.598	-0.029	93	200324	4.00	4.33	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
31 Bis(2-chloroethoxy)methane	93	6.622	6.628	-0.006	98	473807	4.00	3.96	
33 2,4-Dichlorophenol	162	6.781	6.781	0.000	96	300110	4.00	3.97	
34 1,2,4-Trichlorobenzene	180	6.881	6.881	0.000	95	337646	4.00	4.02	
* 35 Naphthalene-d8	136	6.951	6.951	0.000	99	2189083	8.00	8.00	
36 Naphthalene	128	6.975	6.975	0.000	98	1232814	4.00	4.06	
37 4-Chloroaniline	127	6.987	6.986	0.001	96	656005	4.00	4.04	
38 Hexachlorobutadiene	225	7.081	7.086	-0.005	92	172854	4.00	3.97	
40 4-Chloro-3-methylphenol	107	7.434	7.439	-0.005	97	279659	4.00	3.87	
41 2-Methylnaphthalene	142	7.663	7.669	-0.006	85	741028	4.00	3.98	
42 1-Methylnaphthalene	142	7.775	7.775	0.000	92	696808	4.00	4.03	
45 2-tertbutyl-4-methylphenol	149	7.787	7.792	-0.006	92	506738	4.00	4.24	
43 Hexachlorocyclopentadiene	237	7.834	7.833	0.001	96	183692	4.00	3.98	
44 1,2,4,5-Tetrachlorobenzene	216	7.839	7.845	-0.006	95	285536	4.00	3.90	
46 2,4,6-Trichlorophenol	196	7.934	7.933	0.001	87	186133	4.00	4.01	
47 2,4,5-Trichlorophenol	196	7.975	7.975	0.000	95	198198	4.00	3.95	
\$ 48 2-Fluorobiphenyl	172	8.010	8.016	-0.006	98	706906	4.00	3.89	
49 1,1'-Biphenyl	154	8.122	8.128	-0.006	95	833841	4.00	3.98	
50 2-Chloronaphthalene	162	8.169	8.175	-0.006	97	640703	4.00	3.93	
53 Phenyl ether	170	8.222	8.222	0.000	87	438325	4.00	4.16	
54 2-Nitroaniline	65	8.239	8.239	0.000	98	219333	4.00	4.00	
55 1,3-Dimethylnaphthalene	156	8.381	8.380	0.001	93	546473	4.00	4.20	
56 Dimethyl phthalate	163	8.386	8.392	-0.006	98	589567	4.00	3.92	
58 2,6-Dinitrotoluene	165	8.463	8.469	-0.006	94	140550	4.00	4.03	
57 Coumarin	146	8.469	8.475	-0.006	83	228618	4.00	4.17	
59 Acenaphthylene	152	8.598	8.604	-0.006	97	939328	4.00	3.94	
60 3-Nitroaniline	138	8.645	8.651	-0.006	96	163887	4.00	3.89	
63 3,5-di-tert-butyl-4-hydrox	205	8.686	8.686	0.000	99	537540	4.00	4.09	
* 61 Acenaphthene-d10	164	8.739	8.745	-0.006	94	995075	8.00	8.00	
64 2,4-Dinitrophenol	184	8.751	8.757	-0.006	89	149574	8.00	7.81	
65 4-Nitrophenol	65	8.763	8.775	-0.012	89	218541	8.00	7.59	
62 Acenaphthene	154	8.775	8.780	-0.005	95	603759	4.00	3.81	
67 2,4-Dinitrotoluene	165	8.881	8.880	0.001	96	166060	4.00	3.88	
66 Dibenzofuran	168	8.945	8.945	0.000	96	814383	4.00	3.93	
68 2,3,4,6-Tetrachlorophenol	232	9.057	9.057	0.000	90	128647	4.00	3.84	
69 Diethyl phthalate	149	9.086	9.092	-0.006	98	572951	4.00	3.93	
71 4-Chlorophenyl phenyl ethe	204	9.251	9.257	-0.006	85	276171	4.00	3.89	
72 4-Nitroaniline	138	9.269	9.275	-0.006	92	140969	4.00	3.82	
70 Fluorene	166	9.292	9.298	-0.006	96	628566	4.00	3.94	
73 4,6-Dinitro-2-methylphenol	198	9.304	9.310	-0.006	84	165789	8.00	7.94	
74 N-Nitrosodiphenylamine	169	9.363	9.369	-0.006	68	443441	4.00	4.01	
75 1,2-Diphenylhydrazine	77	9.416	9.422	-0.006	99	685186	4.00	3.86	
\$ 76 2,4,6-Tribromophenol	330	9.539	9.539	0.000	93	71699	4.00	3.80	
77 4-Bromophenyl phenyl ether	248	9.757	9.757	0.000	83	150286	4.00	3.90	
78 Hexachlorobenzene	284	9.875	9.875	0.001	99	156759	4.00	3.99	
82 n-Octadecane	57	10.004	10.010	-0.006	94	525428	4.00	3.79	
121 Pentachlorophenol	266	10.051	10.051	0.000	92	180237	8.00	7.78	
81 Pentachloronitrobenzene	237	10.069	10.074	-0.005	86	60285	4.00	4.21	
* 83 Phenanthrene-d10	188	10.257	10.263	-0.006	99	1254661	8.00	8.00	
84 Phenanthrene	178	10.286	10.286	0.000	98	777622	4.00	4.04	
85 Anthracene	178	10.339	10.339	0.000	98	788768	4.00	4.01	
86 Carbazole	167	10.475	10.474	0.001	96	638653	4.00	3.96	
87 Di-n-butyl phthalate	149	10.751	10.757	-0.006	100	747834	4.00	3.93	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Fluoranthene	202	11.633	11.633	0.000	97	548686	4.00	3.96	
122 Benzidine	184	11.727	11.727	0.000	100	249699	4.00	3.97	
123 Bisphenol-A	213	11.869	11.868	0.001	0	56188	4.00	3.61	
90 Pyrene	202	11.933	11.939	-0.006	96	532640	4.00	3.64	
\$ 91 Terphenyl-d14	244	12.051	12.057	-0.006	98	319357	4.00	3.36	
92 Butyl benzyl phthalate	149	12.669	12.674	-0.005	97	180006	4.00	3.80	
93 Carbamazepine	193	12.904	12.910	-0.006	92	94980	4.00	3.97	
98 Bis(2-ethylhexyl) phthalat	149	13.521	13.521	0.000	91	209342	4.00	4.00	
94 3,3'-Dichlorobenzidine	252	13.551	13.551	0.000	99	105192	4.00	4.09	
95 Benzo[a]anthracene	228	13.651	13.657	-0.006	100	292201	4.00	3.90	
* 96 Chrysene-d12	240	13.674	13.674	0.000	98	488585	8.00	8.00	
97 Chrysene	228	13.716	13.715	0.001	98	282719	4.00	3.99	
99 Di-n-octyl phthalate	149	14.586	14.586	0.000	97	321911	4.00	3.76	
100 Benzo[b]fluoranthene	252	15.433	15.433	0.000	97	250015	4.00	4.04	
101 Benzo[k]fluoranthene	252	15.474	15.480	-0.006	98	276020	4.00	4.06	
102 Benzo[a]pyrene	252	16.021	16.027	-0.006	96	247269	4.00	4.06	
* 103 Perylene-d12	264	16.127	16.133	-0.006	97	443457	8.00	8.00	
104 Indeno[1,2,3-cd]pyrene	276	18.403	18.409	-0.006	97	296040	4.00	3.94	
105 Dibenz(a,h)anthracene	278	18.415	18.427	-0.012	93	243452	4.00	3.90	
106 Benzo[g,h,i]perylene	276	19.092	19.103	-0.011	94	251537	4.00	3.88	
S 119 Total Cresols	1				0			7.87	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_BNAL5_00014

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\lg2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15820.D

Injection Date: 07-May-2015 13:46:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: STD4

Worklist Smp#: 5

Client ID:

Injection Vol: 5.0 ul

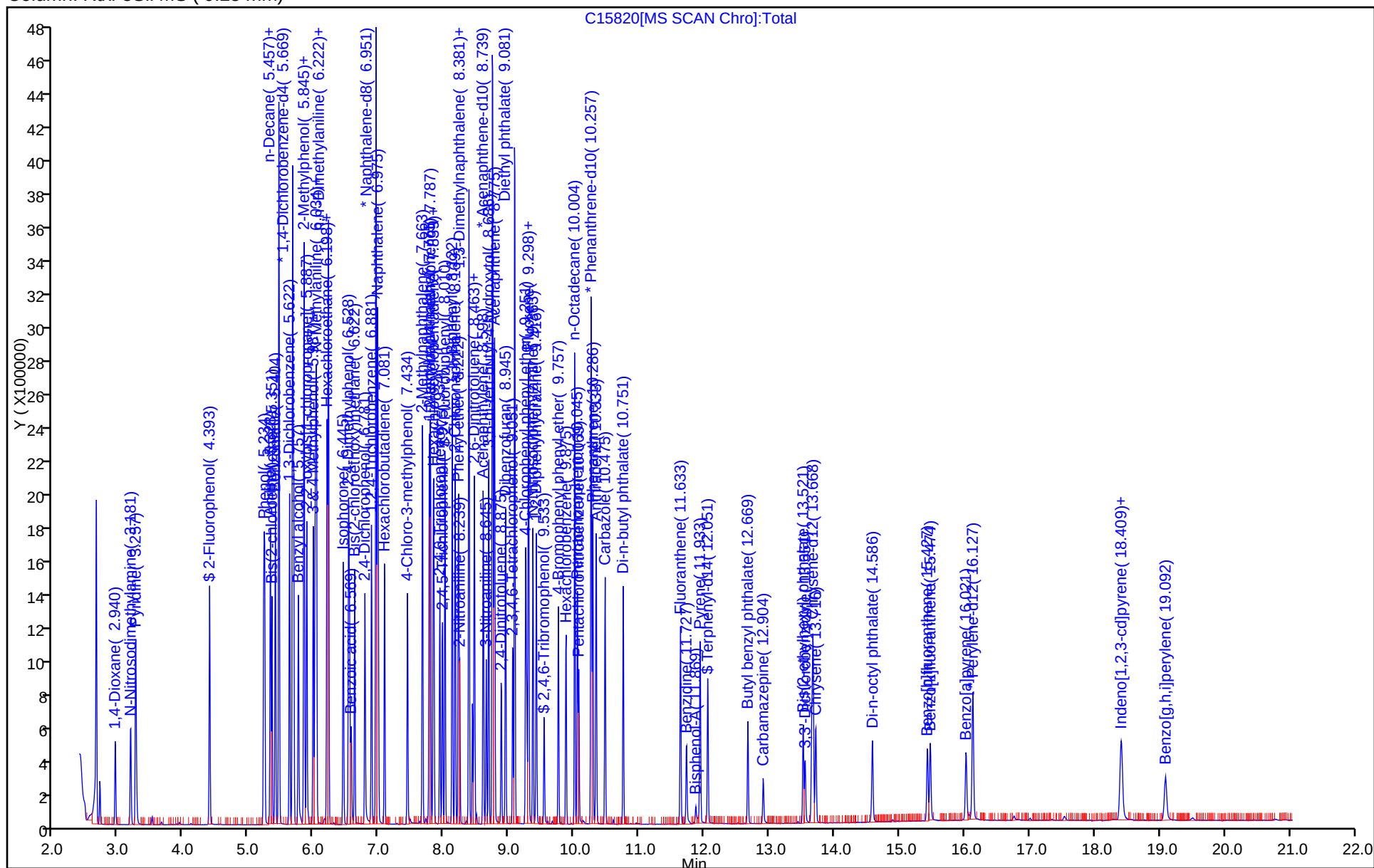
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8270LVI_R13

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15821.D
 Lims ID: STD2
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 07-May-2015 14:16:30 ALS Bottle#: 6 Worklist Smp#: 6
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027129-006
 Operator ID: Instrument ID: CBNAMS13
 Sublist: chrom-8270LVI_R13*sub15
 Method: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\8270LVI_R13.m
 Limit Group: SV 8270D ICAL
 Last Update: 10-May-2015 13:11:09 Calib Date: 07-May-2015 19:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK016

First Level Reviewer: croccom

Date: 07-May-2015 14:52:23

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	2.963	2.946	0.017	97	100778	2.00	2.04	
2 N-Nitrosodimethylamine	74	3.193	3.181	0.012	82	150620	2.00	2.00	
3 Pyridine	79	3.275	3.257	0.018	84	250005	2.00	1.99	
\$ 4 2-Fluorophenol	112	4.398	4.393	0.006	95	232376	2.00	2.05	
\$ 6 Phenol-d5	99	5.228	5.228	0.000	97	275505	2.00	2.05	
7 Phenol	94	5.240	5.245	-0.005	98	290041	2.00	2.00	
8 Aniline	93	5.328	5.328	0.000	99	368222	2.00	1.96	
9 Bis(2-chloroethyl)ether	93	5.351	5.351	0.000	96	289422	2.00	2.06	
125 Benzonitrile	103	5.404	5.410	-0.006	98	430296	NC	NC	
11 n-Decane	43	5.457	5.457	0.000	95	355989	2.00	2.06	
10 2-Chlorophenol	128	5.463	5.463	0.000	95	243544	2.00	2.01	
12 1,3-Dichlorobenzene	146	5.622	5.622	0.000	96	273319	2.00	2.04	
* 13 1,4-Dichlorobenzene-d4	152	5.669	5.669	0.000	97	653444	8.00	8.00	
14 1,4-Dichlorobenzene	146	5.687	5.687	0.000	96	277407	2.00	2.05	
15 Benzyl alcohol	108	5.757	5.763	-0.006	93	122854	2.00	1.81	
17 2-Methylphenol	108	5.845	5.845	0.000	91	221815	2.00	2.05	
16 1,2-Dichlorobenzene	146	5.845	5.845	0.000	94	259011	2.00	2.06	
18 2,2'-oxybis[1-chloropropan	45	5.887	5.887	0.000	94	456712	2.00	2.04	
21 4-Methylphenol	108	5.987	5.992	-0.005	94	217778	2.00	1.97	
22 3 & 4 Methylphenol	108	5.987	5.992	-0.005	67	217889	2.00	1.96	
20 N-Nitrosodi-n-propylamine	70	6.010	6.022	-0.012	91	161022	2.00	2.04	
126 N-Methylaniline	106	6.028	6.028	0.000	79	336634	NC	NC	
19 Acetophenone	105	6.040	6.039	0.001	97	308107	2.00	2.04	
24 Hexachloroethane	117	6.198	6.198	0.000	89	110583	2.00	2.05	
\$ 25 Nitrobenzene-d5	82	6.204	6.204	0.000	88	247935	2.00	2.02	
27 n,n'-Dimethylaniline	120	6.216	6.222	-0.006	93	348922	2.00	1.95	
26 Nitrobenzene	77	6.222	6.228	-0.006	92	321846	2.00	2.04	
28 Isophorone	82	6.445	6.451	-0.006	99	380974	2.00	2.00	
30 2,4-Dimethylphenol	122	6.528	6.534	-0.006	91	208827	2.00	1.95	
29 2-Nitrophenol	139	6.545	6.545	0.000	93	113035	2.00	1.99	
32 Benzoic acid	122	6.557	6.598	-0.041	89	82611	2.00	1.63	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
31 Bis(2-chloroethoxy)methane	93	6.622	6.628	-0.006	98	266420	2.00	2.03	
33 2,4-Dichlorophenol	162	6.781	6.781	0.000	96	155815	2.00	1.88	
34 1,2,4-Trichlorobenzene	180	6.881	6.881	0.000	95	190557	2.00	2.07	
* 35 Naphthalene-d8	136	6.951	6.951	0.000	99	2402367	8.00	8.00	
36 Naphthalene	128	6.975	6.975	0.000	98	693773	2.00	2.08	
37 4-Chloroaniline	127	6.987	6.986	0.000	96	360857	2.00	2.02	
38 Hexachlorobutadiene	225	7.081	7.086	-0.005	93	97115	2.00	2.03	
40 4-Chloro-3-methylphenol	107	7.434	7.439	-0.005	96	148694	2.00	1.88	
41 2-Methylnaphthalene	142	7.669	7.669	0.000	86	413693	2.00	2.03	
42 1-Methylnaphthalene	142	7.775	7.775	0.000	92	386774	2.00	2.04	
45 2-tertbutyl-4-methylphenol	149	7.786	7.792	-0.006	92	250515	2.00	1.91	
43 Hexachlorocyclopentadiene	237	7.834	7.833	0.001	96	98391	2.00	1.93	
44 1,2,4,5-Tetrachlorobenzene	216	7.839	7.845	-0.006	97	163223	2.00	2.02	
46 2,4,6-Trichlorophenol	196	7.934	7.933	0.001	87	102658	2.00	2.01	
47 2,4,5-Trichlorophenol	196	7.975	7.975	0.000	95	108180	2.00	1.95	
\$ 48 2-Fluorobiphenyl	172	8.010	8.016	-0.006	98	400265	2.00	2.00	
49 1,1'-Biphenyl	154	8.122	8.128	-0.006	96	463380	2.00	2.01	
50 2-Chloronaphthalene	162	8.169	8.175	-0.006	97	360461	2.00	2.00	
53 Phenyl ether	170	8.222	8.222	0.000	87	223453	2.00	1.92	
54 2-Nitroaniline	65	8.239	8.239	0.000	98	118889	2.00	1.96	
55 1,3-Dimethylnaphthalene	156	8.381	8.380	0.001	92	275976	2.00	1.92	
56 Dimethyl phthalate	163	8.381	8.392	-0.011	98	333052	2.00	2.01	
58 2,6-Dinitrotoluene	165	8.463	8.469	-0.006	95	78233	2.00	2.03	
57 Coumarin	146	8.463	8.475	-0.012	81	118251	2.00	1.97	
59 Acenaphthylene	152	8.598	8.604	-0.006	97	528918	2.00	2.01	
60 3-Nitroaniline	138	8.645	8.651	-0.006	96	90621	2.00	1.95	
63 3,5-di-tert-butyl-4-hydrox	205	8.686	8.686	0.000	99	271933	2.00	1.87	
* 61 Acenaphthene-d10	164	8.739	8.745	-0.006	95	1098405	8.00	8.00	
64 2,4-Dinitrophenol	184	8.751	8.757	-0.006	92	78653	4.00	3.72	
65 4-Nitrophenol	65	8.763	8.775	-0.012	90	125525	4.00	3.95	
62 Acenaphthene	154	8.775	8.780	-0.005	95	341407	2.00	1.95	
67 2,4-Dinitrotoluene	165	8.875	8.880	-0.005	95	93305	2.00	2.00	
66 Dibenzofuran	168	8.945	8.945	0.000	96	461036	2.00	2.02	
68 2,3,4,6-Tetrachlorophenol	232	9.057	9.057	0.000	90	71032	2.00	1.92	
69 Diethyl phthalate	149	9.086	9.092	-0.006	98	329094	2.00	2.05	
71 4-Chlorophenyl phenyl ethe	204	9.251	9.257	-0.006	85	155410	2.00	1.98	
72 4-Nitroaniline	138	9.269	9.275	-0.006	93	84892	2.00	2.08	
70 Fluorene	166	9.292	9.298	-0.006	96	358054	2.00	2.03	
73 4,6-Dinitro-2-methylphenol	198	9.298	9.310	-0.012	77	91261	4.00	3.76	
74 N-Nitrosodiphenylamine	169	9.363	9.369	-0.006	68	239022	2.00	1.86	
75 1,2-Diphenylhydrazine	77	9.416	9.422	-0.006	99	394638	2.00	1.91	
\$ 76 2,4,6-Tribromophenol	330	9.539	9.539	0.000	94	39974	2.00	1.92	
77 4-Bromophenyl phenyl ether	248	9.757	9.757	0.000	84	84437	2.00	1.89	
78 Hexachlorobenzene	284	9.875	9.875	0.001	99	91067	2.00	1.99	
82 n-Octadecane	57	10.004	10.010	-0.006	94	294762	2.00	1.83	
121 Pentachlorophenol	266	10.051	10.051	0.000	92	100344	4.00	3.73	
81 Pentachloronitrobenzene	237	10.069	10.074	-0.005	86	31088	2.00	1.87	
* 83 Phenanthrene-d10	188	10.257	10.263	-0.006	99	1457495	8.00	8.00	
84 Phenanthrene	178	10.280	10.286	-0.006	97	463090	2.00	2.07	
85 Anthracene	178	10.333	10.339	-0.006	98	467770	2.00	2.05	
86 Carbazole	167	10.475	10.474	0.000	96	401699	2.00	2.14	
87 Di-n-butyl phthalate	149	10.751	10.757	-0.006	100	463625	2.00	2.10	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Fluoranthene	202	11.633	11.633	0.000	97	349316	2.00	2.17	
122 Benzidine	184	11.727	11.727	0.000	99	137122	2.00	1.88	
123 Bisphenol-A	213	11.933	11.868	0.065	0	822	2.00	1.98	
90 Pyrene	202	11.933	11.939	-0.006	96	343374	2.00	2.12	
\$ 91 Terphenyl-d14	244	12.051	12.057	-0.006	98	213003	2.00	2.00	
92 Butyl benzyl phthalate	149	12.668	12.674	-0.006	97	109695	2.00	2.11	
93 Carbamazepine	193	12.904	12.910	-0.006	92	40831	2.00	1.92	
98 Bis(2-ethylhexyl) phthalat	149	13.521	13.521	0.000	90	111388	2.00	1.94	
94 3,3'-Dichlorobenzidine	252	13.551	13.551	0.000	98	48117	2.00	1.75	
95 Benzo[a]anthracene	228	13.651	13.657	-0.006	99	160752	2.00	1.95	
* 96 Chrysene-d12	240	13.674	13.674	0.000	98	536602	8.00	8.00	
97 Chrysene	228	13.710	13.715	-0.005	99	157539	2.00	2.03	
99 Di-n-octyl phthalate	149	14.586	14.586	0.000	97	144215	2.00	1.81	
100 Benzo[b]fluoranthene	252	15.427	15.433	-0.006	97	116177	2.00	2.02	
101 Benzo[k]fluoranthene	252	15.474	15.480	-0.006	97	129190	2.00	2.05	
102 Benzo[a]pyrene	252	16.021	16.027	-0.006	95	112717	2.00	1.99	
* 103 Perylene-d12	264	16.127	16.133	-0.006	96	411783	8.00	8.00	
104 Indeno[1,2,3-cd]pyrene	276	18.403	18.409	-0.006	97	140480	2.00	2.01	
105 Dibenz(a,h)anthracene	278	18.415	18.427	-0.012	93	117358	2.00	2.02	
106 Benzo[g,h,i]perylene	276	19.086	19.103	-0.017	95	123798	2.00	2.06	
S 119 Total Cresols	1				0			4.02	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_BNAL4_00026

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\lg2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15821.D

Injection Date: 07-May-2015 14:16:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: STD2

Worklist Smp#: 6

Client ID:

Injection Vol: 5.0 ul

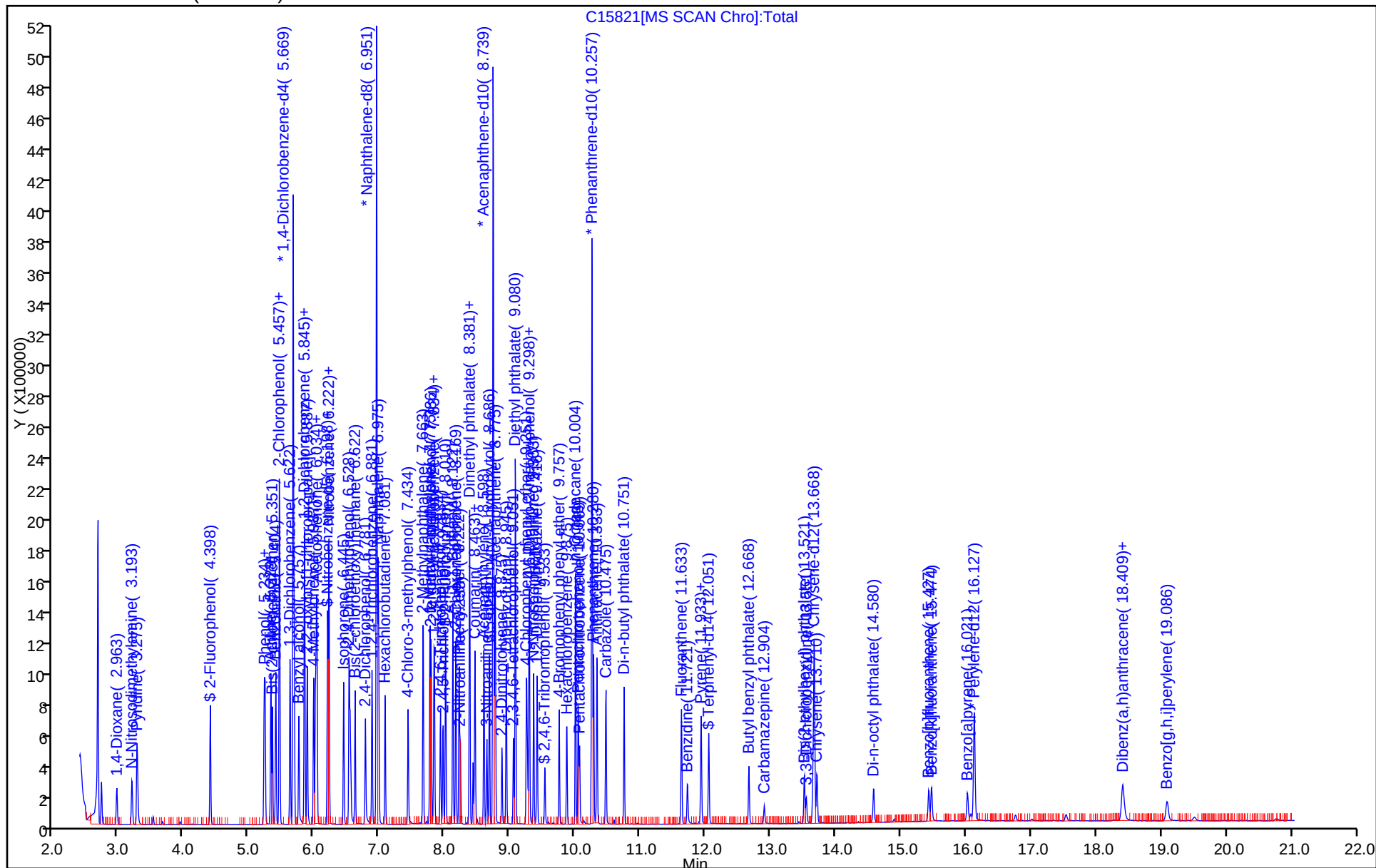
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8270LVI_R13

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15822.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 07-May-2015 14:45:30 ALS Bottle#: 7 Worklist Smp#: 7
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027129-007
 Operator ID: Instrument ID: CBNAMS13
 Sublist: chrom-8270LVI_R13*sub15
 Method: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\8270LVI_R13.m
 Limit Group: SV 8270D ICAL
 Last Update: 10-May-2015 13:11:14 Calib Date: 07-May-2015 19:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK016

First Level Reviewer: croccom

Date: 07-May-2015 15:31:52

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	2.975	2.946	0.029	96	56714	1.00	1.03	
2 N-Nitrosodimethylamine	74	3.204	3.181	0.023	83	85176	1.00	1.02	
3 Pyridine	79	3.287	3.257	0.030	84	138138	1.00	0.9858	
\$ 4 2-Fluorophenol	112	4.398	4.393	0.006	97	130688	1.00	1.04	
\$ 6 Phenol-d5	99	5.228	5.228	0.000	96	149154	1.00	1.00	
7 Phenol	94	5.240	5.245	-0.005	99	165283	1.00	1.02	
8 Aniline	93	5.328	5.328	0.000	99	211853	1.00	1.01	
9 Bis(2-chloroethyl)ether	93	5.351	5.351	0.000	96	174805	1.00	1.12	
125 Benzonitrile	103	5.404	5.410	-0.006	99	248236	NC	NC	
11 n-Decane	43	5.457	5.457	0.000	96	208124	1.00	1.08	
10 2-Chlorophenol	128	5.463	5.463	0.000	95	141744	1.00	1.05	
12 1,3-Dichlorobenzene	146	5.622	5.622	0.000	96	158871	1.00	1.06	
* 13 1,4-Dichlorobenzene-d4	152	5.669	5.669	0.000	97	727179	8.00	8.00	
14 1,4-Dichlorobenzene	146	5.687	5.687	0.000	83	160278	1.00	1.06	
15 Benzyl alcohol	108	5.757	5.763	-0.006	93	58813	1.00	0.7771	
17 2-Methylphenol	108	5.839	5.845	-0.006	90	124931	1.00	1.04	
16 1,2-Dichlorobenzene	146	5.851	5.845	0.006	95	149544	1.00	1.07	
18 2,2'-oxybis[1-chloropropan	45	5.887	5.887	0.000	94	264211	1.00	1.06	
21 4-Methylphenol	108	5.987	5.992	-0.006	95	124531	1.00	1.01	
22 3 & 4 Methylphenol	108	5.987	5.992	-0.006	68	124870	1.00	1.01	
20 N-Nitrosodi-n-propylamine	70	6.010	6.022	-0.012	91	92953	1.00	1.06	
126 N-Methylaniline	106	6.028	6.028	0.000	79	190514	NC	NC	
19 Acetophenone	105	6.034	6.039	-0.005	97	176699	1.00	1.05	
24 Hexachloroethane	117	6.198	6.198	0.000	90	65020	1.00	1.08	
\$ 25 Nitrobenzene-d5	82	6.204	6.204	0.000	88	138164	1.00	1.01	
27 n,n'-Dimethylaniline	120	6.216	6.222	-0.006	93	197819	1.00	1.00	
26 Nitrobenzene	77	6.222	6.228	-0.006	92	180658	1.00	1.03	
28 Isophorone	82	6.445	6.451	-0.006	99	221687	1.00	1.04	
30 2,4-Dimethylphenol	122	6.528	6.534	-0.006	91	147931	1.00	1.24	
29 2-Nitrophenol	139	6.545	6.545	0.000	92	63639	1.00	1.01	
32 Benzoic acid	122	6.539	6.598	-0.059	1	42800	1.00	0.7592	M

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
31 Bis(2-chloroethoxy)methane	93	6.622	6.628	-0.006	98	153136	1.00	1.05	
33 2,4-Dichlorophenol	162	6.781	6.781	0.000	95	89570	1.00	0.9705	
34 1,2,4-Trichlorobenzene	180	6.881	6.881	0.000	94	110171	1.00	1.07	
* 35 Naphthalene-d8	136	6.951	6.951	0.000	99	2670236	8.00	8.00	
36 Naphthalene	128	6.975	6.975	0.000	98	399847	1.00	1.08	
37 4-Chloroaniline	127	6.981	6.986	-0.005	96	207846	1.00	1.05	
38 Hexachlorobutadiene	225	7.081	7.086	-0.005	93	57244	1.00	1.08	
40 4-Chloro-3-methylphenol	107	7.433	7.439	-0.006	96	84027	1.00	0.9540	
41 2-Methylnaphthalene	142	7.663	7.669	-0.006	86	243103	1.00	1.07	
42 1-Methylnaphthalene	142	7.769	7.775	-0.006	93	224297	1.00	1.06	
45 2-tertbutyl-4-methylphenol	149	7.786	7.792	-0.006	92	134937	1.00	0.9247	
43 Hexachlorocyclopentadiene	237	7.828	7.833	-0.005	96	55517	1.00	0.99	
44 1,2,4,5-Tetrachlorobenzene	216	7.839	7.845	-0.006	97	95106	1.00	1.07	
46 2,4,6-Trichlorophenol	196	7.933	7.933	0.000	88	57953	1.00	1.03	
47 2,4,5-Trichlorophenol	196	7.969	7.975	-0.006	95	59294	1.00	0.9774	
\$ 48 2-Fluorobiphenyl	172	8.010	8.016	-0.006	98	225831	1.00	1.03	
49 1,1'-Biphenyl	154	8.122	8.128	-0.006	95	269354	1.00	1.06	
50 2-Chloronaphthalene	162	8.169	8.175	-0.006	97	210542	1.00	1.07	
53 Phenyl ether	170	8.216	8.222	-0.006	89	124320	1.00	0.9760	
54 2-Nitroaniline	65	8.233	8.239	-0.006	98	66004	1.00	1.00	
55 1,3-Dimethylnaphthalene	156	8.375	8.380	-0.005	92	156774	1.00	1.00	
56 Dimethyl phthalate	163	8.380	8.392	-0.012	98	190561	1.00	1.05	
58 2,6-Dinitrotoluene	165	8.457	8.469	-0.012	95	42049	1.00	1.00	
57 Coumarin	146	8.463	8.475	-0.012	82	64690	1.00	0.9678	
59 Acenaphthylene	152	8.598	8.604	-0.006	98	303010	1.00	1.05	
60 3-Nitroaniline	138	8.645	8.651	-0.006	97	51231	1.00	1.01	
63 3,5-di-tert-butyl-4-hydrox	205	8.680	8.686	-0.006	98	148662	1.00	0.9348	
* 61 Acenaphthene-d10	164	8.739	8.745	-0.006	95	1203541	8.00	8.00	
64 2,4-Dinitrophenol	184	8.745	8.757	-0.012	91	38903	2.00	1.68	
65 4-Nitrophenol	65	8.763	8.775	-0.012	89	69513	2.00	2.00	
62 Acenaphthene	154	8.775	8.780	-0.005	94	197330	1.00	1.03	
67 2,4-Dinitrotoluene	165	8.875	8.880	-0.005	94	51299	1.00	1.03	
66 Dibenzofuran	168	8.939	8.945	-0.006	96	263163	1.00	1.05	
68 2,3,4,6-Tetrachlorophenol	232	9.051	9.057	-0.006	91	39965	1.00	0.9855	
69 Diethyl phthalate	149	9.086	9.092	-0.006	98	186140	1.00	1.06	
71 4-Chlorophenyl phenyl ethe	204	9.251	9.257	-0.006	85	88166	1.00	1.03	
72 4-Nitroaniline	138	9.263	9.275	-0.012	96	44956	1.00	1.01	
70 Fluorene	166	9.292	9.298	-0.006	97	203111	1.00	1.05	
73 4,6-Dinitro-2-methylphenol	198	9.298	9.310	-0.012	80	53800	2.00	2.02	
74 N-Nitrosodiphenylamine	169	9.363	9.369	-0.006	67	131943	1.00	0.9356	
75 1,2-Diphenylhydrazine	77	9.416	9.422	-0.006	99	223254	1.00	0.9862	
\$ 76 2,4,6-Tribromophenol	330	9.533	9.539	-0.006	92	22367	1.00	0.9805	
77 4-Bromophenyl phenyl ether	248	9.757	9.757	0.000	86	47872	1.00	0.9753	
78 Hexachlorobenzene	284	9.874	9.875	0.000	99	49276	1.00	0.9829	
82 n-Octadecane	57	10.004	10.010	-0.006	94	159854	1.00	0.9041	
121 Pentachlorophenol	266	10.051	10.051	0.000	91	53385	2.00	1.81	
81 Pentachloronitrobenzene	237	10.069	10.074	-0.005	86	16442	1.00	0.9014	
* 83 Phenanthrene-d10	188	10.257	10.263	-0.006	99	1599598	8.00	8.00	
84 Phenanthrene	178	10.280	10.286	-0.006	98	258623	1.00	1.05	
85 Anthracene	178	10.333	10.339	-0.006	98	266775	1.00	1.06	
86 Carbazole	167	10.474	10.474	0.000	96	228032	1.00	1.11	
87 Di-n-butyl phthalate	149	10.751	10.757	-0.006	100	260034	1.00	1.07	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Fluoranthene	202	11.633	11.633	0.000	97	204843	1.00	1.16	
122 Benzidine	184	11.727	11.727	0.000	99	57265	1.00	0.7136	
90 Pyrene	202	11.933	11.939	-0.006	96	200686	1.00	1.19	
\$ 91 Terphenyl-d14	244	12.051	12.057	-0.006	99	117453	1.00	1.02	
92 Butyl benzyl phthalate	149	12.668	12.674	-0.006	98	62806	1.00	1.14	
93 Carbamazepine	193	12.904	12.910	-0.006	92	20169	1.00	1.20	
98 Bis(2-ethylhexyl) phthalat	149	13.515	13.521	-0.006	91	56239	1.00	0.9206	
94 3,3'-Dichlorobenzidine	252	13.551	13.551	0.000	98	23931	1.00	0.8621	
95 Benzo[a]anthracene	228	13.651	13.657	-0.006	99	89348	1.00	1.02	
* 96 Chrysene-d12	240	13.668	13.674	-0.006	98	570883	8.00	8.00	
97 Chrysene	228	13.710	13.715	-0.005	99	86258	1.00	1.04	
99 Di-n-octyl phthalate	149	14.586	14.586	0.000	97	59867	1.00	0.8727	
100 Benzo[b]fluoranthene	252	15.427	15.433	-0.006	98	53063	1.00	1.07	
101 Benzo[k]fluoranthene	252	15.474	15.480	-0.006	97	55166	1.00	1.01	
102 Benzo[a]pyrene	252	16.021	16.027	-0.006	95	49012	1.00	1.00	
* 103 Perylene-d12	264	16.127	16.133	-0.006	96	355152	8.00	8.00	
104 Indeno[1,2,3-cd]pyrene	276	18.392	18.409	-0.017	92	63175	1.00	1.05	
105 Dibenz(a,h)anthracene	278	18.409	18.427	-0.018	93	53125	1.00	1.06	
106 Benzo[g,h,i]perylene	276	19.086	19.103	-0.017	94	55092	1.00	1.06	
S 119 Total Cresols	1				0			2.05	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL3_00019

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\lg2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15822.D

Injection Date: 07-May-2015 14:45:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: STD1

Worklist Smp#: 7

Client ID:

Injection Vol: 5.0 ul

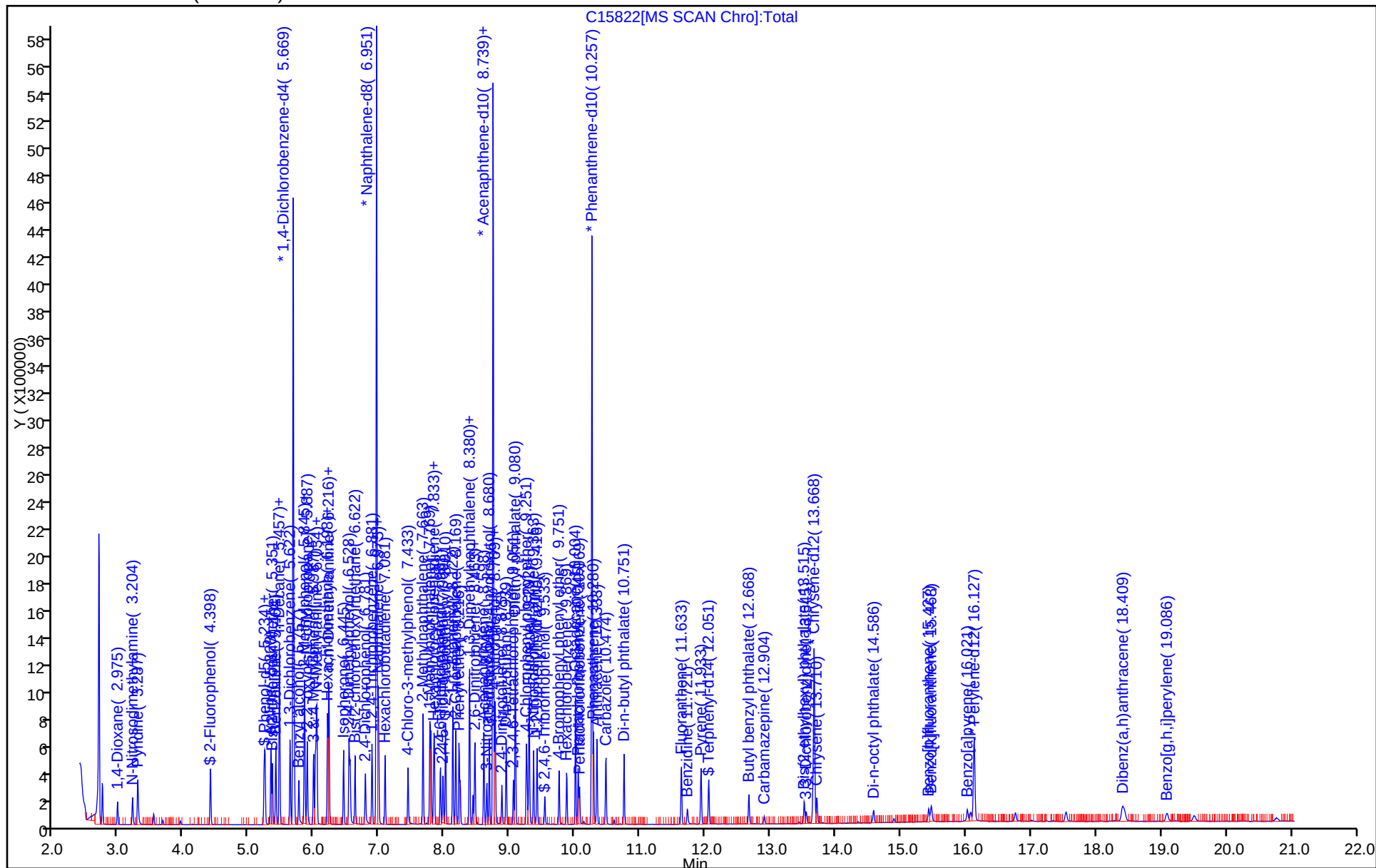
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8270LVI_R13

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\lg2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15822.D

Injection Date: 07-May-2015 14:45:30

Instrument ID: CBNAMS13

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 7

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

Method: 8270LVI_R13

Limit Group: SV 8270D ICAL

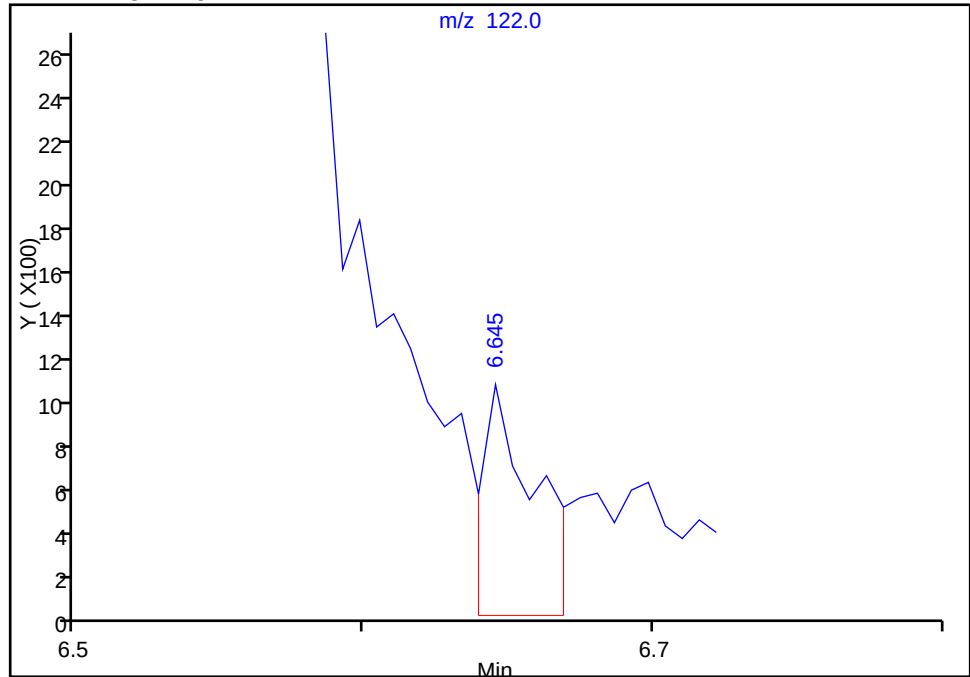
Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

32 Benzoic acid, CAS: 65-85-0

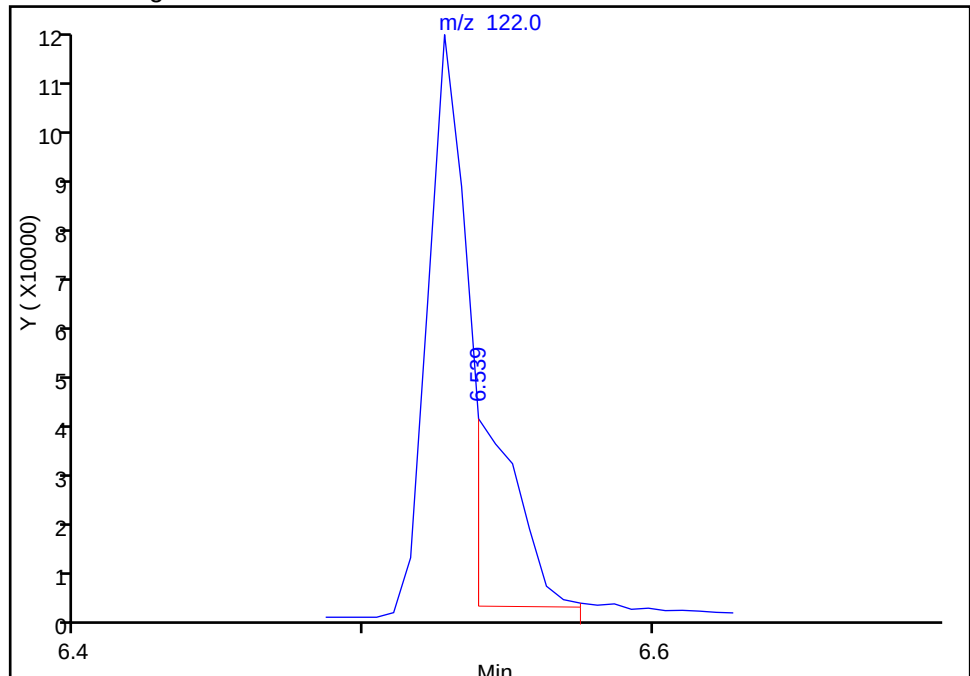
RT: 6.65
Area: 1410
Amount: 0.864986
Amount Units: ug/ml

Processing Integration Results



RT: 6.54
Area: 42800
Amount: 0.759238
Amount Units: ug/ml

Manual Integration Results



Reviewer: croccom, 07-May-2015 15:31:52

Audit Action: Manually Integrated

Audit Reason: Wrong peak

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15823.D
 Lims ID: STD02
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 07-May-2015 15:14:30 ALS Bottle#: 8 Worklist Smp#: 8
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027129-008
 Operator ID: Instrument ID: CBNAMS13
 Sublist: chrom-8270LVI_R13*sub15
 Method: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\8270LVI_R13.m
 Limit Group: SV 8270D ICAL
 Last Update: 10-May-2015 13:11:19 Calib Date: 07-May-2015 19:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK016

First Level Reviewer: croccom

Date: 07-May-2015 15:36:59

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	4.398	4.393	0.006	94	20628	0.2000	0.1766	
\$ 6 Phenol-d5	99	5.222	5.228	-0.006	88	23185	0.2000	0.1672	
9 Bis(2-chloroethyl)ether	93	5.351	5.351	0.000	90	28764	0.2000	0.1992	
* 13 1,4-Dichlorobenzene-d4	152	5.669	5.669	0.000	98	673145	8.00	8.00	
20 N-Nitrosodi-n-propylamine	70	6.010	6.022	-0.012	92	15888	0.2000	0.1955	
24 Hexachloroethane	117	6.198	6.198	0.000	91	10628	0.2000	0.1911	
\$ 25 Nitrobenzene-d5	82	6.204	6.204	0.000	89	23341	0.2000	0.1804	
26 Nitrobenzene	77	6.222	6.228	-0.006	92	31874	0.2000	0.1916	
28 Isophorone	82	6.445	6.451	-0.006	99	37849	0.2000	0.1880	
34 1,2,4-Trichlorobenzene	180	6.881	6.881	0.000	94	19918	0.2000	0.2048	
* 35 Naphthalene-d8	136	6.951	6.951	0.000	100	2533337	8.00	8.00	
38 Hexachlorobutadiene	225	7.081	7.086	-0.005	92	9803	0.2000	0.1946	
46 2,4,6-Trichlorophenol	196	7.933	7.933	0.000	84	9359	0.2000	0.1681	
\$ 48 2-Fluorobiphenyl	172	8.010	8.016	-0.006	98	42029	0.2000	0.1928	
58 2,6-Dinitrotoluene	165	8.457	8.469	-0.012	92	6997	0.2000	0.1672	
* 61 Acenaphthene-d10	164	8.739	8.745	-0.006	94	1194845	8.00	8.00	
67 2,4-Dinitrotoluene	165	8.875	8.880	-0.005	90	7479	0.2000	0.1987	
73 4,6-Dinitro-2-methylphenol	198	9.298	9.310	-0.012	77	9521	0.4000	0.3396	
\$ 76 2,4,6-Tribromophenol	330	9.539	9.539	0.000	91	3993	0.2000	0.1763	
78 Hexachlorobenzene	284	9.874	9.875	0.000	98	10102	0.2000	0.1914	
* 83 Phenanthrene-d10	188	10.257	10.263	-0.006	99	1684417	8.00	8.00	
\$ 91 Terphenyl-d14	244	12.051	12.057	-0.006	97	24224	0.2000	0.1958	
98 Bis(2-ethylhexyl) phthalat	149	13.521	13.521	0.000	89	9740	0.2000	0.1499	
94 3,3'-Dichlorobenzidine	252	13.545	13.551	-0.006	96	4110	0.2000	0.2073	
95 Benzo[a]anthracene	228	13.651	13.657	-0.006	99	18240	0.2000	0.1956	
* 96 Chrysene-d12	240	13.668	13.674	-0.006	98	607377	8.00	8.00	
97 Chrysene	228	13.715	13.715	0.000	99	16863	0.2000	0.1915	
100 Benzo[b]fluoranthene	252	15.427	15.433	-0.006	97	10516	0.2000	0.1873	
101 Benzo[k]fluoranthene	252	15.474	15.480	-0.006	98	12097	0.2000	0.1958	M
102 Benzo[a]pyrene	252	16.021	16.027	-0.006	94	9925	0.2000	0.1792	
* 103 Perylene-d12	264	16.127	16.133	-0.006	96	402851	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
104 Indeno[1,2,3-cd]pyrene	276	18.397	18.409	-0.012	75	12321	0.2000	0.1806	M
105 Dibenz(a,h)anthracene	278	18.409	18.427	-0.018	86	10583	0.2000	0.1865	M

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL2_00016

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\lg2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15823.D

Injection Date: 07-May-2015 15:14:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: STD02

Worklist Smp#: 8

Client ID:

Injection Vol: 5.0 ul

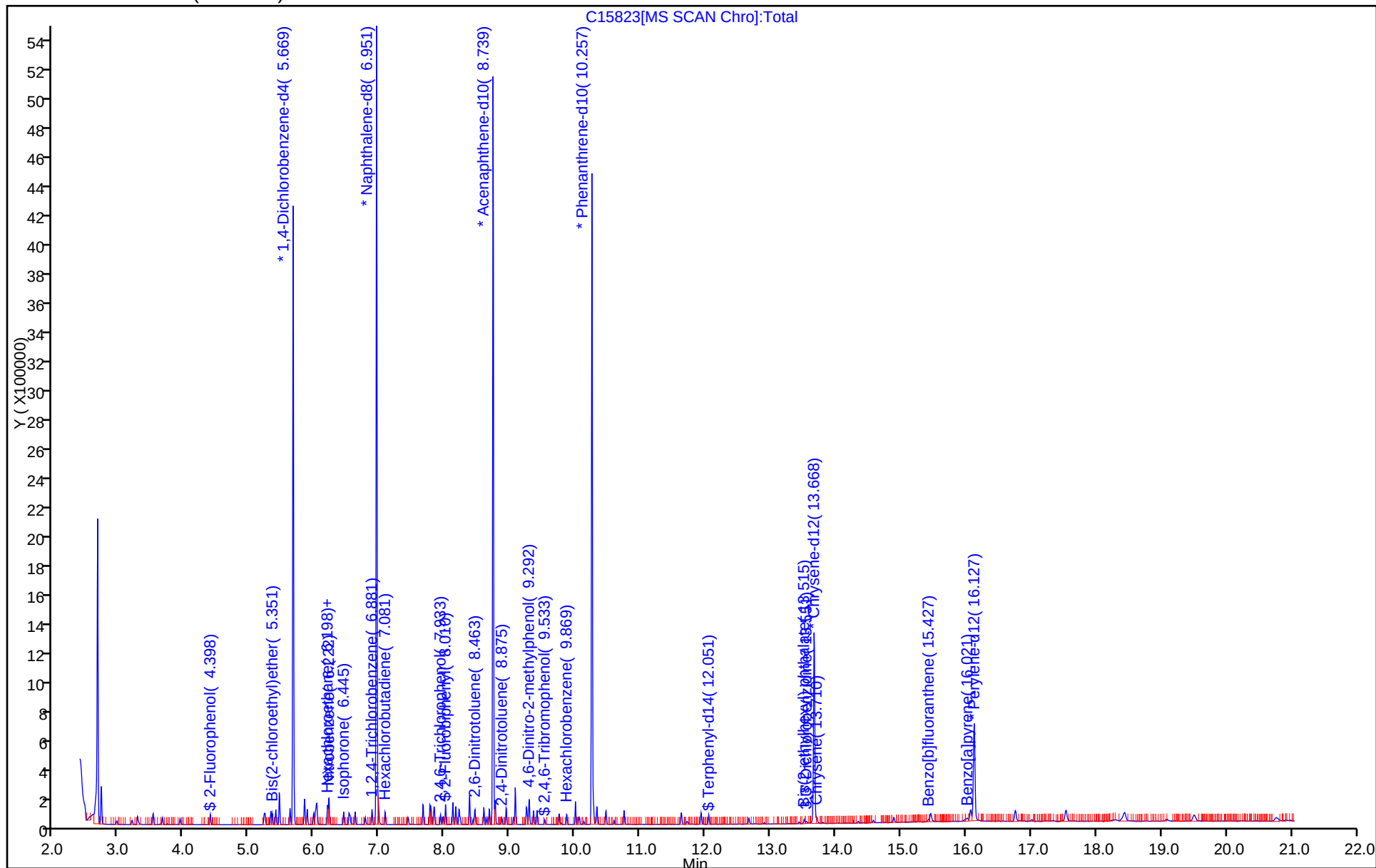
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8270LVI_R13

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\lg2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15823.D

Injection Date: 07-May-2015 15:14:30

Instrument ID: CBNAMS13

Lims ID: STD02

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 8

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

Method: 8270LVI_R13

Limit Group: SV 8270D ICAL

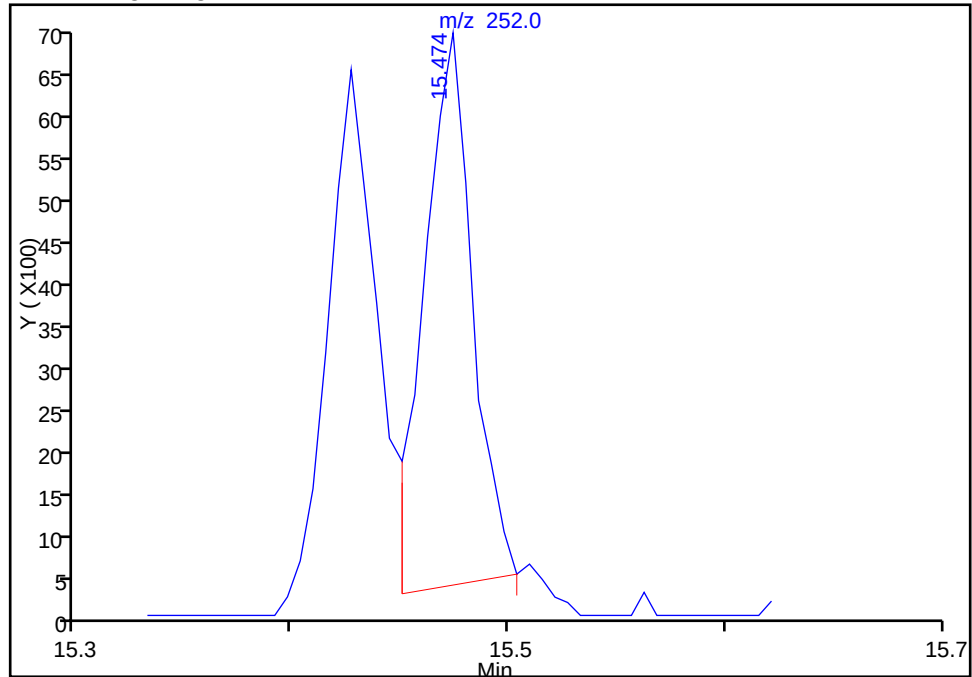
Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

101 Benzo[k]fluoranthene, CAS: 207-08-9

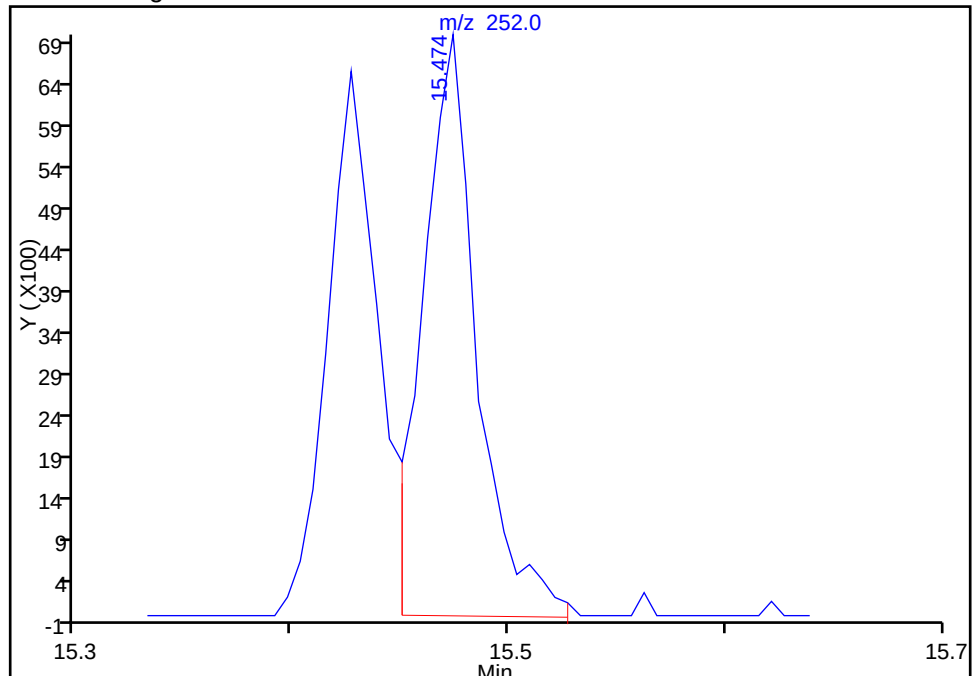
RT: 15.47
Area: 10250
Amount: 0.169072
Amount Units: ug/ml

Processing Integration Results



RT: 15.47
Area: 12097
Amount: 0.195809
Amount Units: ug/ml

Manual Integration Results



Reviewer: bayoumiw, 07-May-2015 17:08:20

Audit Action: Manually Integrated

Audit Reason: Baseline

TestAmerica Edison

Data File: \\ChromNA\lg2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15823.D

Injection Date: 07-May-2015 15:14:30

Instrument ID: CBNAMS13

Lims ID: STD02

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#:

8

Injection Vol: 5.0 ul

Dil. Factor:

1.0000

Method: 8270LVI_R13

Limit Group:

SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)

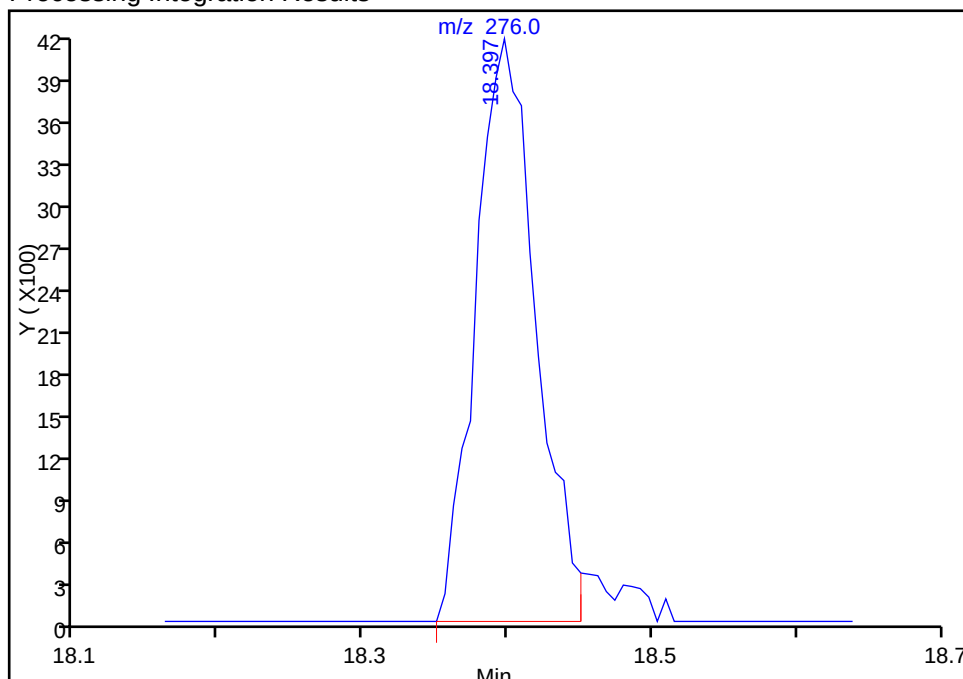
Detector

MS SCAN

104 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

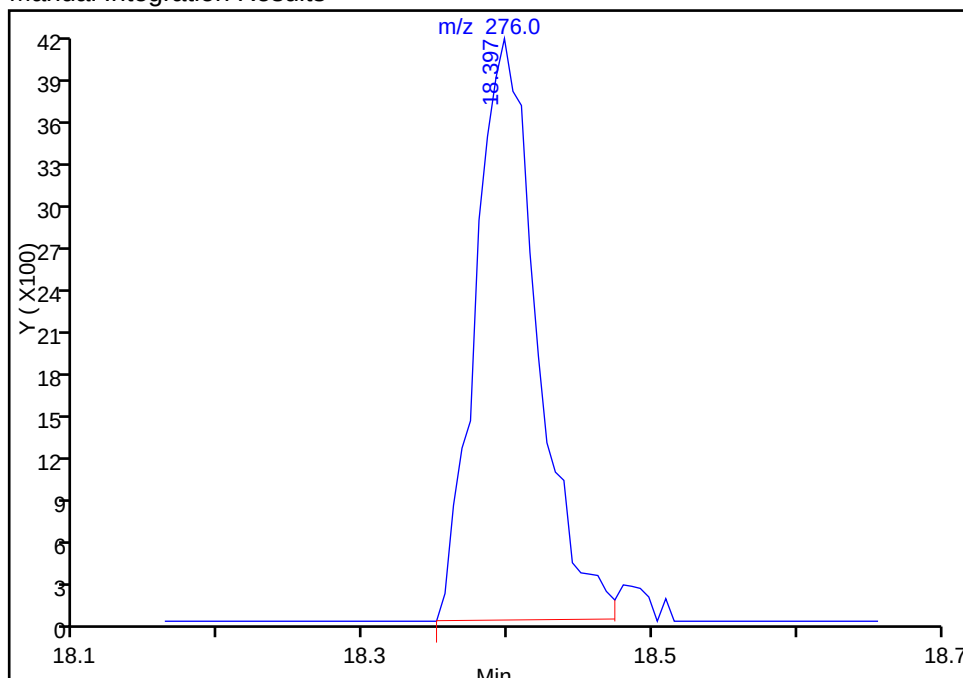
Processing Integration Results

RT: 18.40
Area: 12038
Amount: 0.183159
Amount Units: ug/ml



Manual Integration Results

RT: 18.40
Area: 12321
Amount: 0.180644
Amount Units: ug/ml



Reviewer: bayoumiw, 07-May-2015 17:08:20

Audit Action: Manually Integrated

Audit Reason: Baseline

TestAmerica Edison

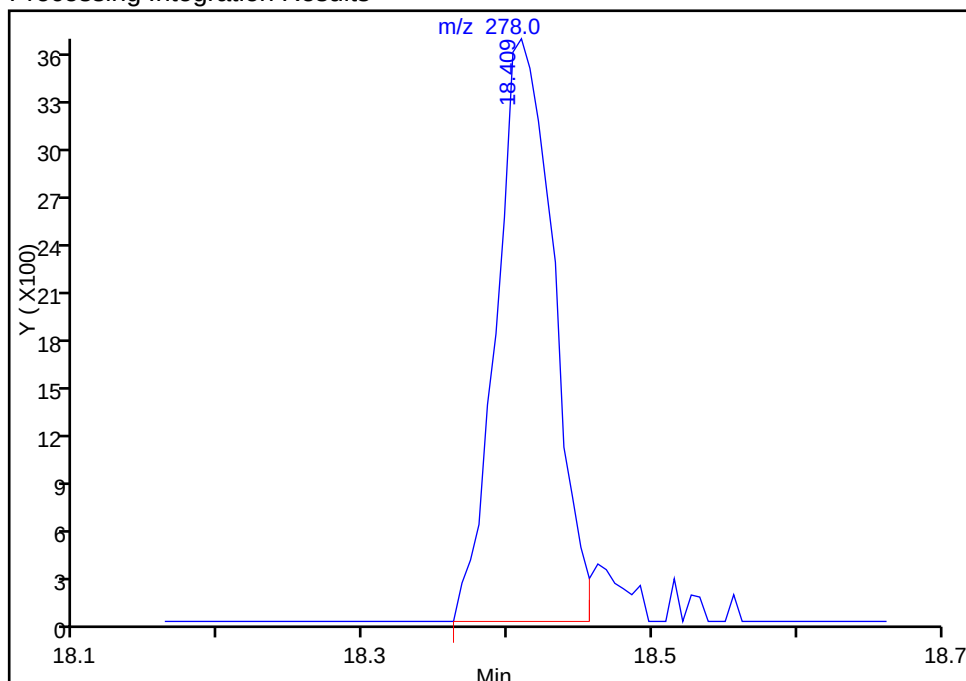
Data File: \\ChromNA\lg2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15823.D
Injection Date: 07-May-2015 15:14:30 Instrument ID: CBNAMS13
Lims ID: STD02
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: 8270LVI_R13
Column: Rtxi-5Sil MS (0.25 mm)

ALS Bottle#: 8 Worklist Smp#: 8
Dil. Factor: 1.0000
Limit Group: SV 8270D ICAL
Detector: MS SCAN

105 Dibenz(a,h)anthracene, CAS: 53-70-3

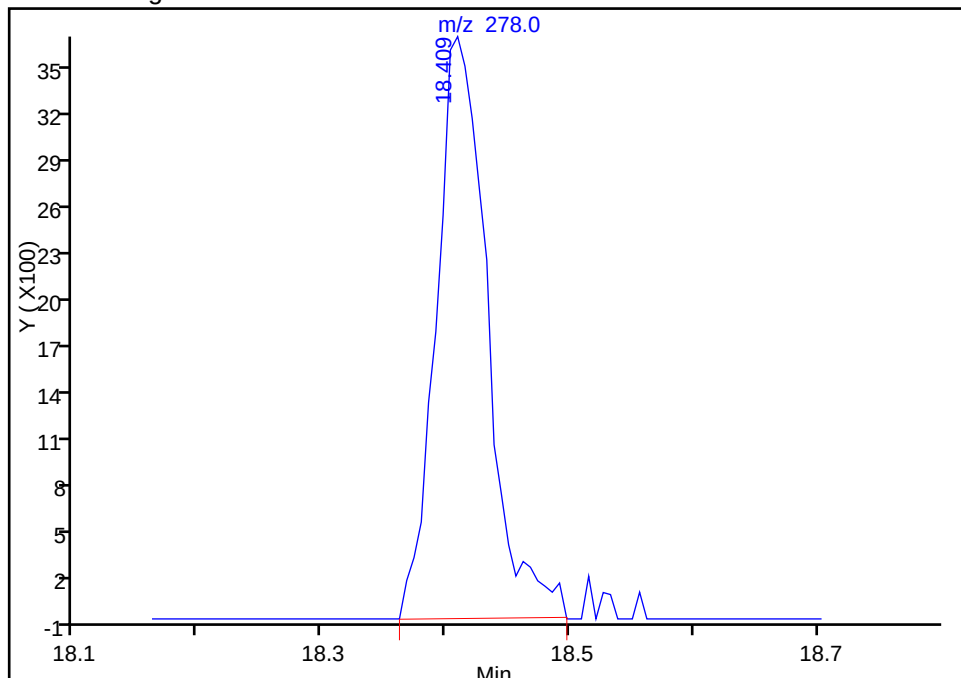
RT: 18.41
Area: 10076
Amount: 0.185803
Amount Units: ug/ml

Processing Integration Results



RT: 18.41
Area: 10583
Amount: 0.186472
Amount Units: ug/ml

Manual Integration Results



Reviewer: bayoumiw, 07-May-2015 17:08:20
Audit Action: Manually Integrated
Audit Reason: Baseline

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15824.D
 Lims ID: STD01
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 07-May-2015 15:43:30 ALS Bottle#: 9 Worklist Smp#: 9
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027129-009
 Operator ID: Instrument ID: CBNAMS13
 Sublist: chrom-8270LVI_R13*sub15
 Method: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\8270LVI_R13.m
 Limit Group: SV 8270D ICAL
 Last Update: 10-May-2015 13:11:25 Calib Date: 07-May-2015 19:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK016

First Level Reviewer: bayoumiw

Date: 07-May-2015 17:09:00

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
9 Bis(2-chloroethyl)ether	93	5.351	5.351	0.000	91	13693	0.1000	0.0978	
* 13 1,4-Dichlorobenzene-d4	152	5.669	5.669	0.000	97	652758	8.00	8.00	
20 N-Nitrosodi-n-propylamine	70	6.010	6.022	-0.012	86	6741	0.1000	0.0855	
24 Hexachloroethane	117	6.198	6.198	0.000	90	5007	0.1000	0.0928	
\$ 25 Nitrobenzene-d5	82	6.198	6.204	-0.006	89	11765	0.1000	0.0977	
26 Nitrobenzene	77	6.222	6.228	-0.006	92	14707	0.1000	0.0950	
34 1,2,4-Trichlorobenzene	180	6.881	6.881	0.000	94	8672	0.1000	0.0958	
* 35 Naphthalene-d8	136	6.951	6.951	0.000	99	2357981	8.00	8.00	
38 Hexachlorobutadiene	225	7.081	7.086	-0.005	91	4577	0.1000	0.0976	
\$ 48 2-Fluorobiphenyl	172	8.010	8.016	-0.006	98	19315	0.1000	0.0996	
* 61 Acenaphthene-d10	164	8.739	8.745	-0.006	94	1062946	8.00	8.00	
78 Hexachlorobenzene	284	9.875	9.875	0.000	95	4365	0.1000	0.0993	
* 83 Phenanthrene-d10	188	10.257	10.263	-0.006	99	1402289	8.00	8.00	
\$ 91 Terphenyl-d14	244	12.051	12.057	-0.006	99	9083	0.1000	0.0962	
95 Benzo[a]anthracene	228	13.651	13.657	-0.006	97	7667	0.1000	0.1078	
* 96 Chrysene-d12	240	13.668	13.674	-0.006	98	463163	8.00	8.00	
100 Benzo[b]fluoranthene	252	15.427	15.433	-0.006	97	4172	0.1000	0.0759	
101 Benzo[k]fluoranthene	252	15.474	15.480	-0.006	58	5093	0.1000	0.0843	
102 Benzo[a]pyrene	252	16.021	16.027	-0.006	93	4914	0.1000	0.0907	
* 103 Perylene-d12	264	16.127	16.133	-0.006	99	394176	8.00	8.00	
104 Indeno[1,2,3-cd]pyrene	276	18.397	18.409	-0.012	69	5881	0.1000	0.0881	M
105 Dibenz(a,h)anthracene	278	18.409	18.427	-0.018	67	4768	0.1000	0.0859	M

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL1_00016

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\lg2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15824.D

Injection Date: 07-May-2015 15:43:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: STD01

Worklist Smp#: 9

Client ID:

Injection Vol: 5.0 ul

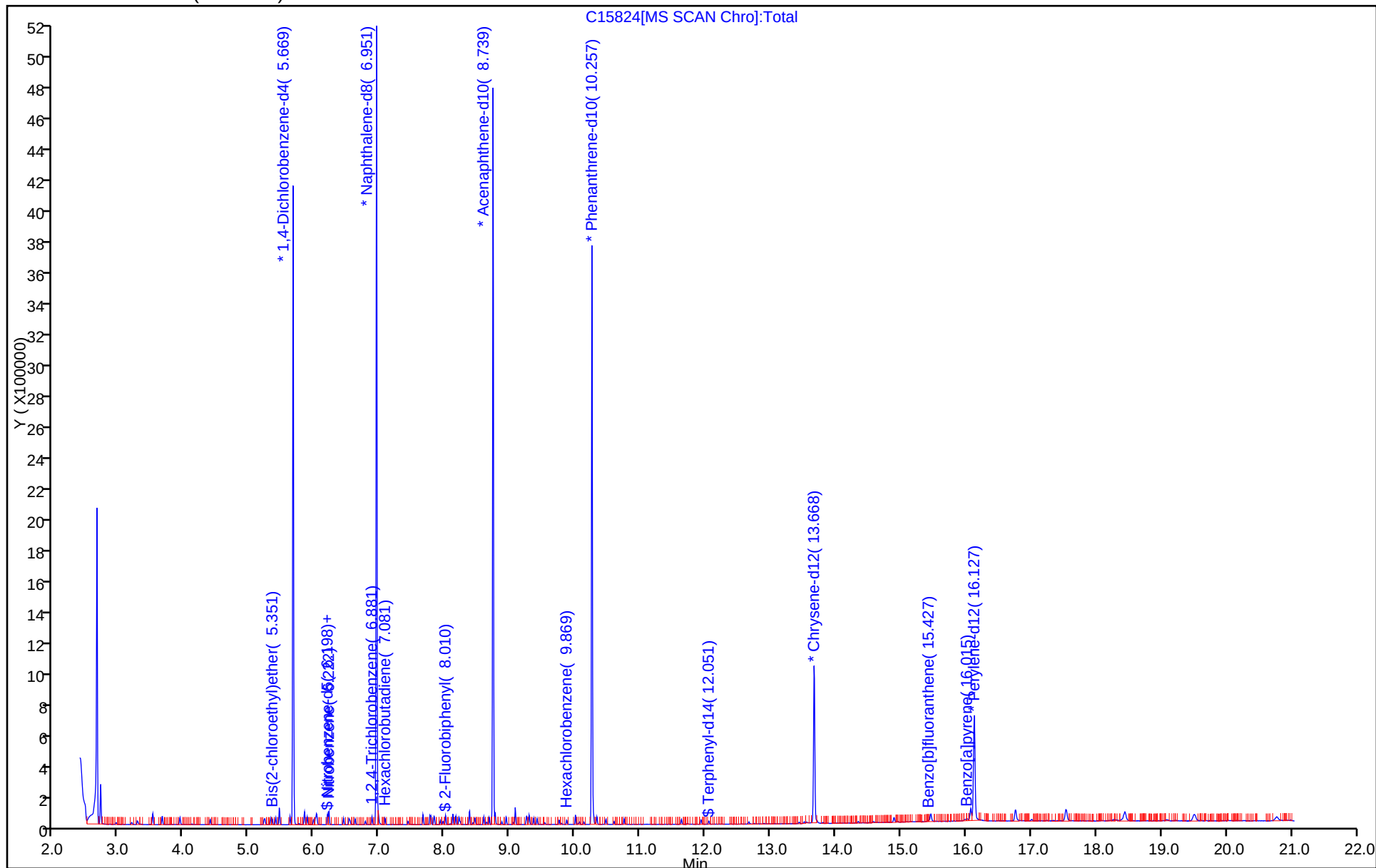
Dil. Factor: 1.0000

ALS Bottle#: 9

Method: 8270LVI_R13

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\lg2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15824.D

Injection Date: 07-May-2015 15:43:30

Instrument ID: CBNAMS13

Lims ID: STD01

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 9

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

Method: 8270LVI_R13

Limit Group: SV 8270D ICAL

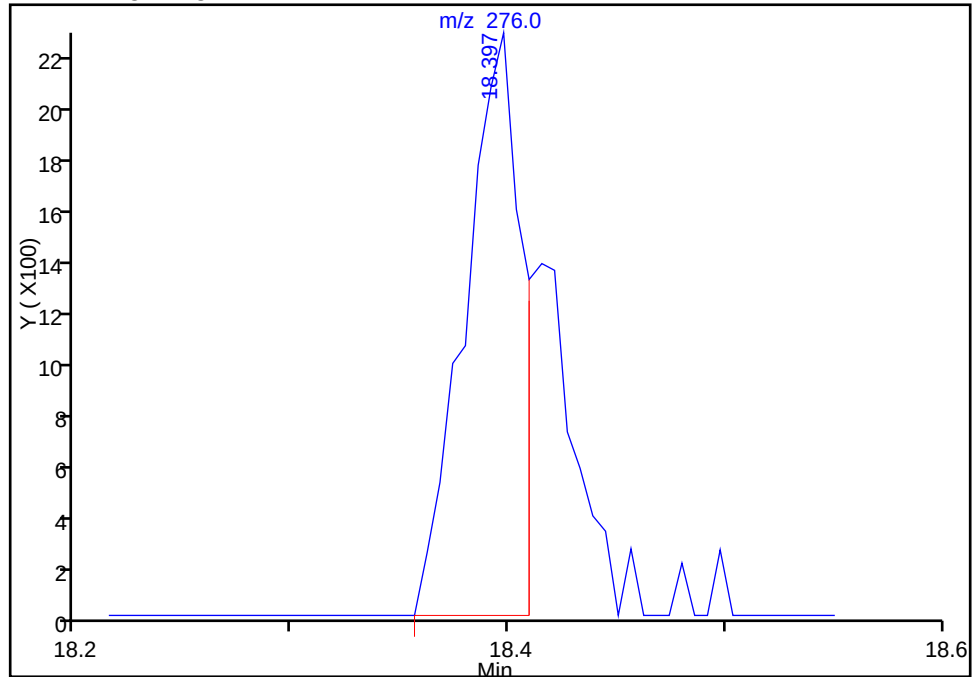
Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

104 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

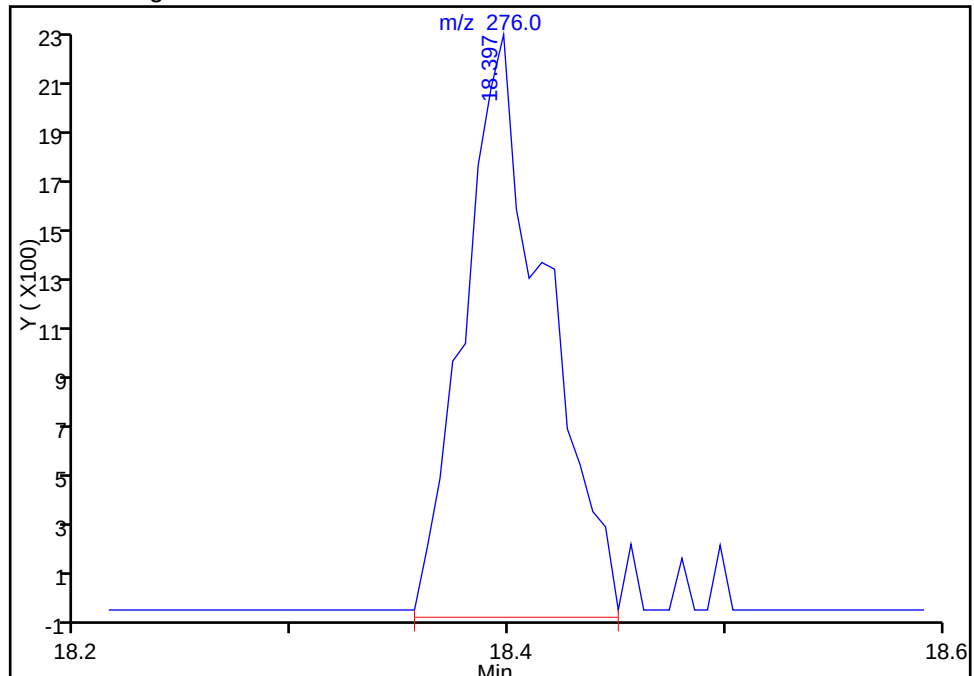
Processing Integration Results

RT: 18.40
Area: 4077
Amount: 0.063227
Amount Units: ug/ml



Manual Integration Results

RT: 18.40
Area: 5881
Amount: 0.088122
Amount Units: ug/ml



Reviewer: bayoumiw, 07-May-2015 17:09:00

Audit Action: Manually Integrated

Audit Reason: Baseline

TestAmerica Edison

Data File: \\ChromNA\lg2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15824.D

Injection Date: 07-May-2015 15:43:30

Instrument ID: CBNAMS13

Lims ID: STD01

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 9

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

Method: 8270LVI_R13

Limit Group: SV 8270D ICAL

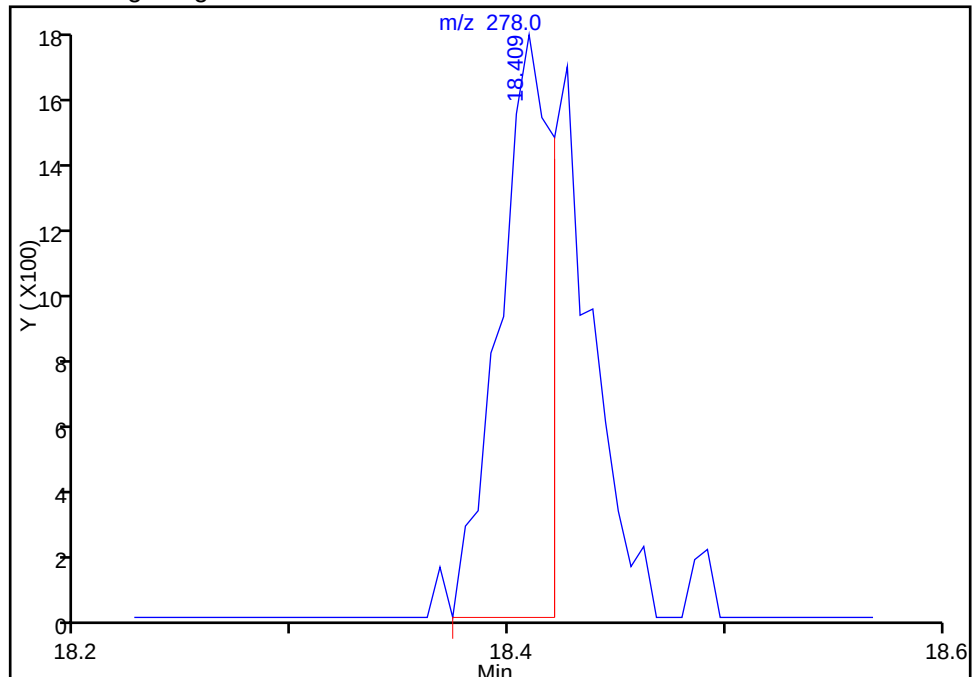
Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

105 Dibenz(a,h)anthracene, CAS: 53-70-3

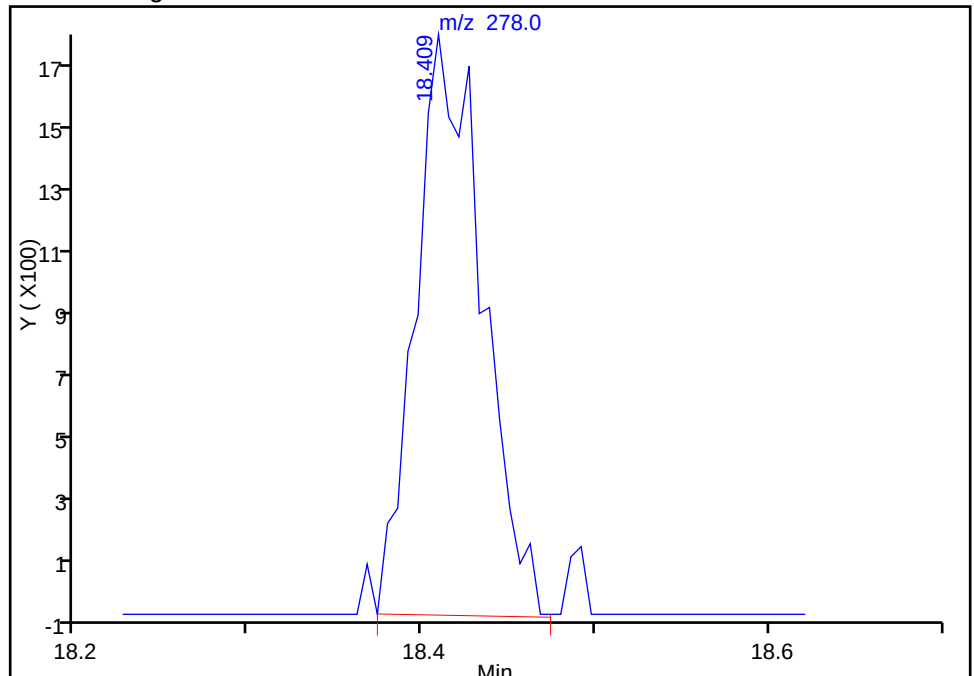
RT: 18.41
Area: 3040
Amount: 0.056959
Amount Units: ug/ml

Processing Integration Results



RT: 18.41
Area: 4768
Amount: 0.085861
Amount Units: ug/ml

Manual Integration Results



Reviewer: bayoumiw, 07-May-2015 17:09:00

Audit Action: Manually Integrated

Audit Reason: Baseline

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 297054

SDG No.: _____

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/07/2015 16:12 Calibration End Date: 05/07/2015 19:08 Calibration ID: 49805

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD02 460-297054/16	C15831.D
Level 2	STD1 460-297054/15	C15830.D
Level 3	STD2 460-297054/14	C15829.D
Level 4	STD4 460-297054/13	C15828.D
Level 5	STD10 460-297054/10	C15825.D
Level 6	STD16 460-297054/12	C15827.D
Level 7	STD24 460-297054/11	C15826.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzaldehyde	1.1564	1.1521 1.1727	1.1073	1.2374	1.1851	Ave		1.1685			0.0100	3.7		20.0			
Caprolactam	0.0727	0.0726 0.0827	0.0715	0.0784	0.0890	Ave		0.0778			0.0100	9.0		20.0			
Atrazine	0.1546 0.1707	0.1779 0.1859	0.1789	0.1846	0.1973	Ave		0.1786			0.0100	7.5		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 297054

SDG No.: _____

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/07/2015 16:12 Calibration End Date: 05/07/2015 19:08 Calibration ID: 49805

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD02 460-297054/16	C15831.D
Level 2	STD1 460-297054/15	C15830.D
Level 3	STD2 460-297054/14	C15829.D
Level 4	STD4 460-297054/13	C15828.D
Level 5	STD10 460-297054/10	C15825.D
Level 6	STD16 460-297054/12	C15827.D
Level 7	STD24 460-297054/11	C15826.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Benzaldehyde	DCB	Ave	1230925	102397 2333795	191478	395753	995883	16.0	1.00 24.0	2.00	4.00	10.0
Caprolactam	NPT	Ave	283310	24195 609178	45596	91826	278506	16.0	1.00 24.0	2.00	4.00	10.0
Atrazine	PHN	Ave	4181 306587	38119 834478	75031	119785	394958	0.200 16.0	1.00 24.0	2.00	4.00	10.0

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15825.D
 Lims ID: std10
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 07-May-2015 16:12:30 ALS Bottle#: 10 Worklist Smp#: 10
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027129-010
 Operator ID: Instrument ID: CBNAMS13
 Sublist: chrom-8270LVI_R13*sub19
 Method: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\8270LVI_R13.m
 Limit Group: SV 8270D ICAL
 Last Update: 10-May-2015 13:11:30 Calib Date: 07-May-2015 19:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK016

First Level Reviewer: bayoumiw

Date: 07-May-2015 17:09:08

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	5.240	5.240	0.000	95	995883	10.0	10.1	
* 13 1,4-Dichlorobenzene-d4	152	5.669	5.669	0.000	97	672291	8.00	8.00	
* 35 Naphthalene-d8	136	6.951	6.951	0.000	99	2502707	8.00	8.00	
39 Caprolactam	113	7.310	7.310	0.000	91	278506	10.0	11.4	
* 61 Acenaphthene-d10	164	8.739	8.739	0.000	98	1036272	8.00	8.00	
79 Atrazine	200	9.863	9.863	0.000	89	394958	10.0	11.0	
* 83 Phenanthrene-d10	188	10.257	10.257	0.000	99	1601466	8.00	8.00	
* 96 Chrysene-d12	240	13.668	13.668	0.000	98	532588	8.00	8.00	
* 103 Perylene-d12	264	16.127	16.127	0.000	96	419223	8.00	8.00	

Reagents:

SM_BNAL5B_00009

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\lg2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15825.D

Injection Date: 07-May-2015 16:12:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: std10

Worklist Smp#: 10

Client ID:

Injection Vol: 5.0 ul

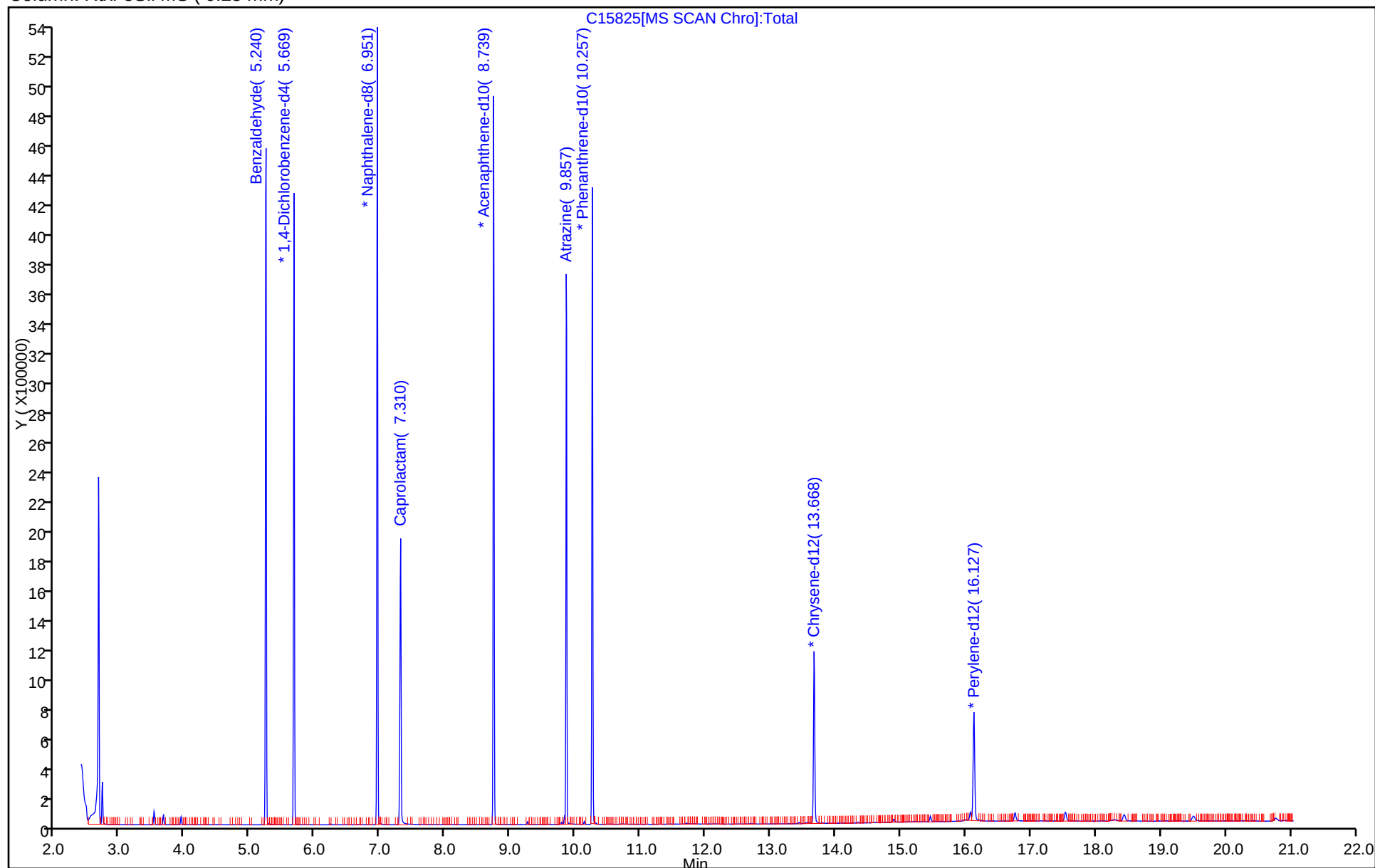
Dil. Factor: 1.0000

ALS Bottle#: 10

Method: 8270LVI_R13

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15826.D
 Lims ID: std24
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 07-May-2015 16:42:30 ALS Bottle#: 11 Worklist Smp#: 11
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027129-011
 Operator ID: Instrument ID: CBNAMS13
 Sublist: chrom-8270LVI_R13*sub19
 Method: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\8270LVI_R13.m
 Limit Group: SV 8270D ICAL
 Last Update: 10-May-2015 13:11:34 Calib Date: 07-May-2015 19:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK016

First Level Reviewer: bayoumiw

Date: 07-May-2015 17:09:23

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	5.240	5.240	0.000	95	2333795	24.0	24.1	
* 13 1,4-Dichlorobenzene-d4	152	5.669	5.669	0.000	97	663352	8.00	8.00	
* 35 Naphthalene-d8	136	6.951	6.951	0.000	100	2455604	8.00	8.00	
39 Caprolactam	113	7.322	7.310	0.012	91	609178	24.0	25.5	
* 61 Acenaphthene-d10	164	8.739	8.739	0.000	94	1098038	8.00	8.00	
79 Atrazine	200	9.863	9.863	0.000	88	834478	24.0	25.0	
* 83 Phenanthrene-d10	188	10.257	10.257	0.000	99	1496414	8.00	8.00	
* 96 Chrysene-d12	240	13.668	13.668	0.000	98	542088	8.00	8.00	
* 103 Perylene-d12	264	16.127	16.127	0.000	95	393155	8.00	8.00	

Reagents:

SM_BNAL7B_00001

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\lg2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15826.D

Injection Date: 07-May-2015 16:42:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: std24

Worklist Smp#: 11

Client ID:

Injection Vol: 5.0 ul

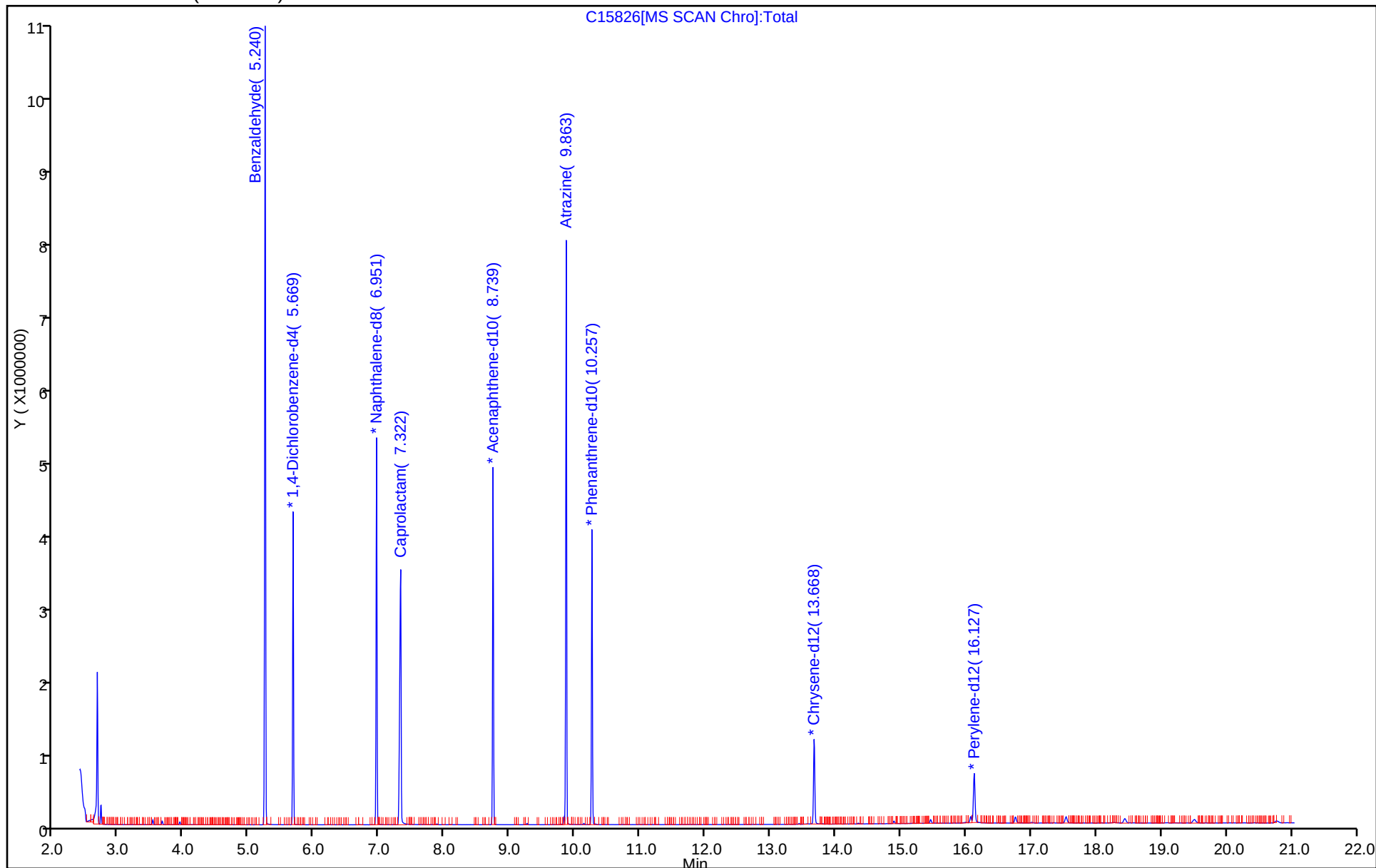
Dil. Factor: 1.0000

ALS Bottle#: 11

Method: 8270LVI_R13

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15827.D
 Lims ID: std16
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 07-May-2015 17:11:30 ALS Bottle#: 12 Worklist Smp#: 12
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027129-012
 Operator ID: Instrument ID: CBNAMS13
 Sublist: chrom-8270LVI_R13*sub19
 Method: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\8270LVI_R13.m
 Limit Group: SV 8270D ICAL
 Last Update: 10-May-2015 13:11:37 Calib Date: 07-May-2015 19:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK016

First Level Reviewer: bayoumiw

Date: 07-May-2015 22:57:58

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	5.234	5.240	-0.006	95	1230925	16.0	15.8	
* 13 1,4-Dichlorobenzene-d4	152	5.669	5.669	0.000	97	532233	8.00	8.00	
* 35 Naphthalene-d8	136	6.951	6.951	0.000	99	1949593	8.00	8.00	
39 Caprolactam	113	7.310	7.310	0.000	91	283310	16.0	14.9	
* 61 Acenaphthene-d10	164	8.740	8.739	0.001	93	811383	8.00	8.00	
79 Atrazine	200	9.857	9.863	-0.006	88	306587	16.0	15.3	
* 83 Phenanthrene-d10	188	10.257	10.257	0.000	99	898021	8.00	8.00	
* 96 Chrysene-d12	240	13.669	13.668	0.001	98	414492	8.00	8.00	
* 103 Perylene-d12	264	16.127	16.127	0.000	95	410993	8.00	8.00	

Reagents:

SM_BNAL6B_00008

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\lg2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15827.D

Injection Date: 07-May-2015 17:11:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: std16

Worklist Smp#: 12

Client ID:

Injection Vol: 5.0 ul

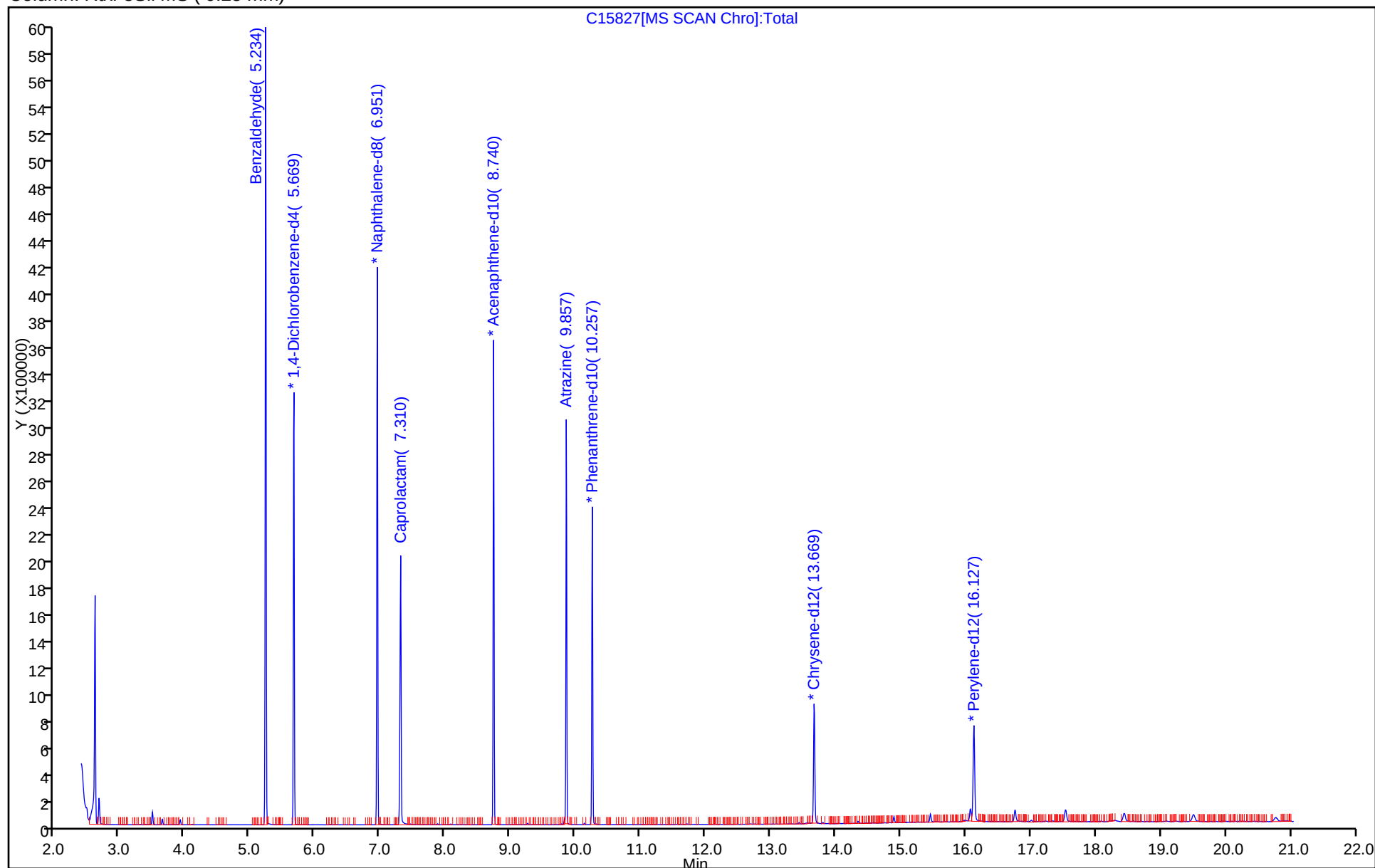
Dil. Factor: 1.0000

ALS Bottle#: 12

Method: 8270LVI_R13

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15828.D
 Lims ID: std4
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 07-May-2015 17:40:30 ALS Bottle#: 13 Worklist Smp#: 13
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027129-013
 Operator ID: Instrument ID: CBNAMS13
 Sublist: chrom-8270LVI_R13*sub19
 Method: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\8270LVI_R13.m
 Limit Group: SV 8270D ICAL
 Last Update: 10-May-2015 13:11:41 Calib Date: 07-May-2015 19:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK016

First Level Reviewer: bayoumiw

Date: 07-May-2015 22:58:11

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	5.234	5.240	-0.006	95	395753	4.00	4.24	
* 13 1,4-Dichlorobenzene-d4	152	5.669	5.669	0.000	97	639670	8.00	8.00	
* 35 Naphthalene-d8	136	6.951	6.951	0.000	99	2341262	8.00	8.00	
39 Caprolactam	113	7.304	7.310	-0.006	91	91826	4.00	4.03	
* 61 Acenaphthene-d10	164	8.739	8.739	0.000	94	1026794	8.00	8.00	
79 Atrazine	200	9.857	9.863	-0.006	89	119785	4.00	4.14	
* 83 Phenanthrene-d10	188	10.257	10.257	0.000	99	1297529	8.00	8.00	
* 96 Chrysene-d12	240	13.668	13.668	0.000	98	404629	8.00	8.00	
* 103 Perylene-d12	264	16.127	16.127	0.000	95	402816	8.00	8.00	

Reagents:

SM_BNAL4B_00017

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\lg2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15828.D

Injection Date: 07-May-2015 17:40:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: std4

Worklist Smp#: 13

Client ID:

Injection Vol: 5.0 ul

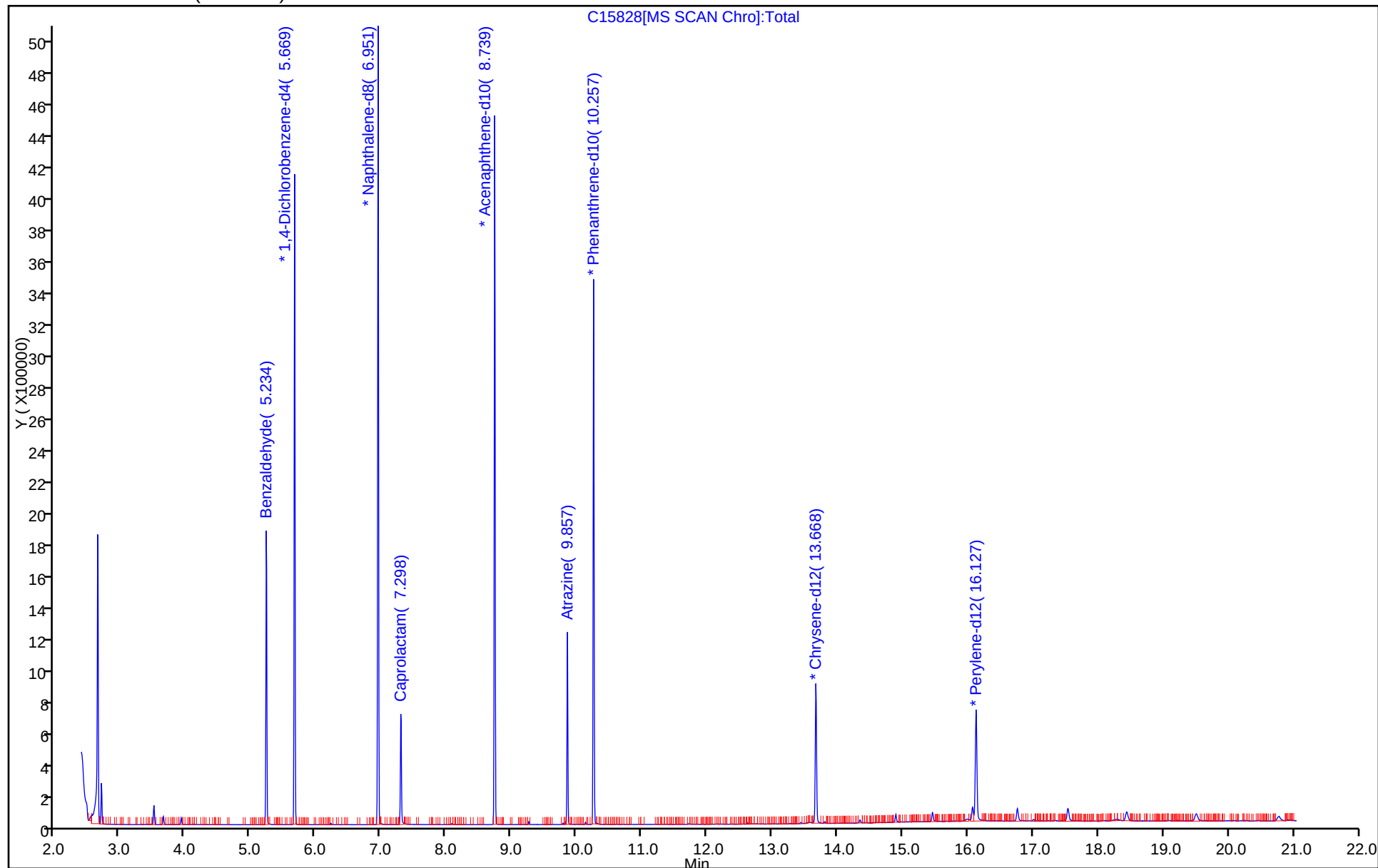
Dil. Factor: 1.0000

ALS Bottle#: 13

Method: 8270LVI_R13

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15829.D
 Lims ID: std2
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 07-May-2015 18:09:30 ALS Bottle#: 14 Worklist Smp#: 14
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027129-014
 Operator ID: Instrument ID: CBNAMS13
 Sublist: chrom-8270LVI_R13*sub19
 Method: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\8270LVI_R13.m
 Limit Group: SV 8270D ICAL
 Last Update: 10-May-2015 13:11:44 Calib Date: 07-May-2015 19:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK016

First Level Reviewer: bayoumiw

Date: 07-May-2015 22:58:26

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	5.234	5.240	-0.006	96	191478	2.00	1.90	
* 13 1,4-Dichlorobenzene-d4	152	5.669	5.669	0.000	97	691677	8.00	8.00	
* 35 Naphthalene-d8	136	6.951	6.951	0.000	99	2552413	8.00	8.00	
39 Caprolactam	113	7.298	7.310	-0.012	90	45596	2.00	1.84	
* 61 Acenaphthene-d10	164	8.739	8.739	0.000	94	1230250	8.00	8.00	
79 Atrazine	200	9.857	9.863	-0.006	88	75031	2.00	2.00	
* 83 Phenanthrene-d10	188	10.257	10.257	0.000	99	1677664	8.00	8.00	
* 96 Chrysene-d12	240	13.668	13.668	0.000	98	593145	8.00	8.00	
* 103 Perylene-d12	264	16.127	16.127	0.000	96	440103	8.00	8.00	

Reagents:

SM_BNAL3B_00008

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\lg2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15829.D

Injection Date: 07-May-2015 18:09:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: std2

Worklist Smp#: 14

Client ID:

Injection Vol: 5.0 ul

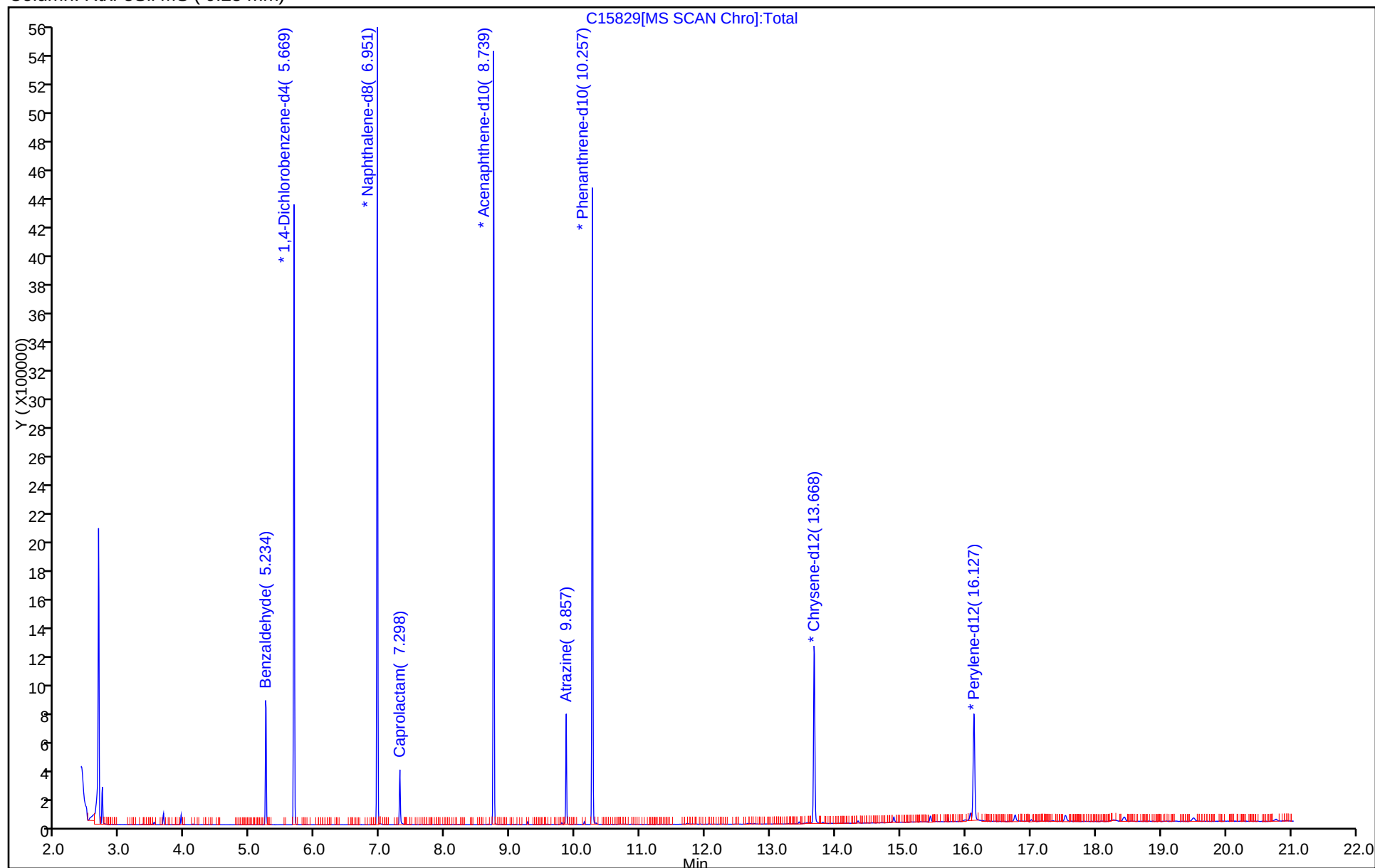
Dil. Factor: 1.0000

ALS Bottle#: 14

Method: 8270LVI_R13

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15830.D
 Lims ID: std1
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 07-May-2015 18:38:30 ALS Bottle#: 15 Worklist Smp#: 15
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027129-015
 Operator ID: Instrument ID: CBNAMS13
 Sublist: chrom-8270LVI_R13*sub19
 Method: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\8270LVI_R13.m
 Limit Group: SV 8270D ICAL
 Last Update: 10-May-2015 13:11:48 Calib Date: 07-May-2015 19:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK016

First Level Reviewer: bayoumiw

Date: 07-May-2015 22:58:36

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	5.240	5.240	0.000	94	102397	1.00	0.9860	
* 13 1,4-Dichlorobenzene-d4	152	5.669	5.669	0.000	97	710998	8.00	8.00	
* 35 Naphthalene-d8	136	6.951	6.951	0.000	99	2666486	8.00	8.00	
39 Caprolactam	113	7.298	7.310	-0.012	91	24195	1.00	0.9329	
* 61 Acenaphthene-d10	164	8.740	8.739	0.001	94	1259471	8.00	8.00	
79 Atrazine	200	9.857	9.863	-0.006	89	38119	1.00	1.00	
* 83 Phenanthrene-d10	188	10.257	10.257	0.000	99	1713798	8.00	8.00	
* 96 Chrysene-d12	240	13.669	13.668	0.001	98	575810	8.00	8.00	
* 103 Perylene-d12	264	16.127	16.127	0.000	95	455478	8.00	8.00	

Reagents:

SM_BNAL2B_00009

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\lg2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15830.D

Injection Date: 07-May-2015 18:38:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: std1

Worklist Smp#: 15

Client ID:

Injection Vol: 5.0 ul

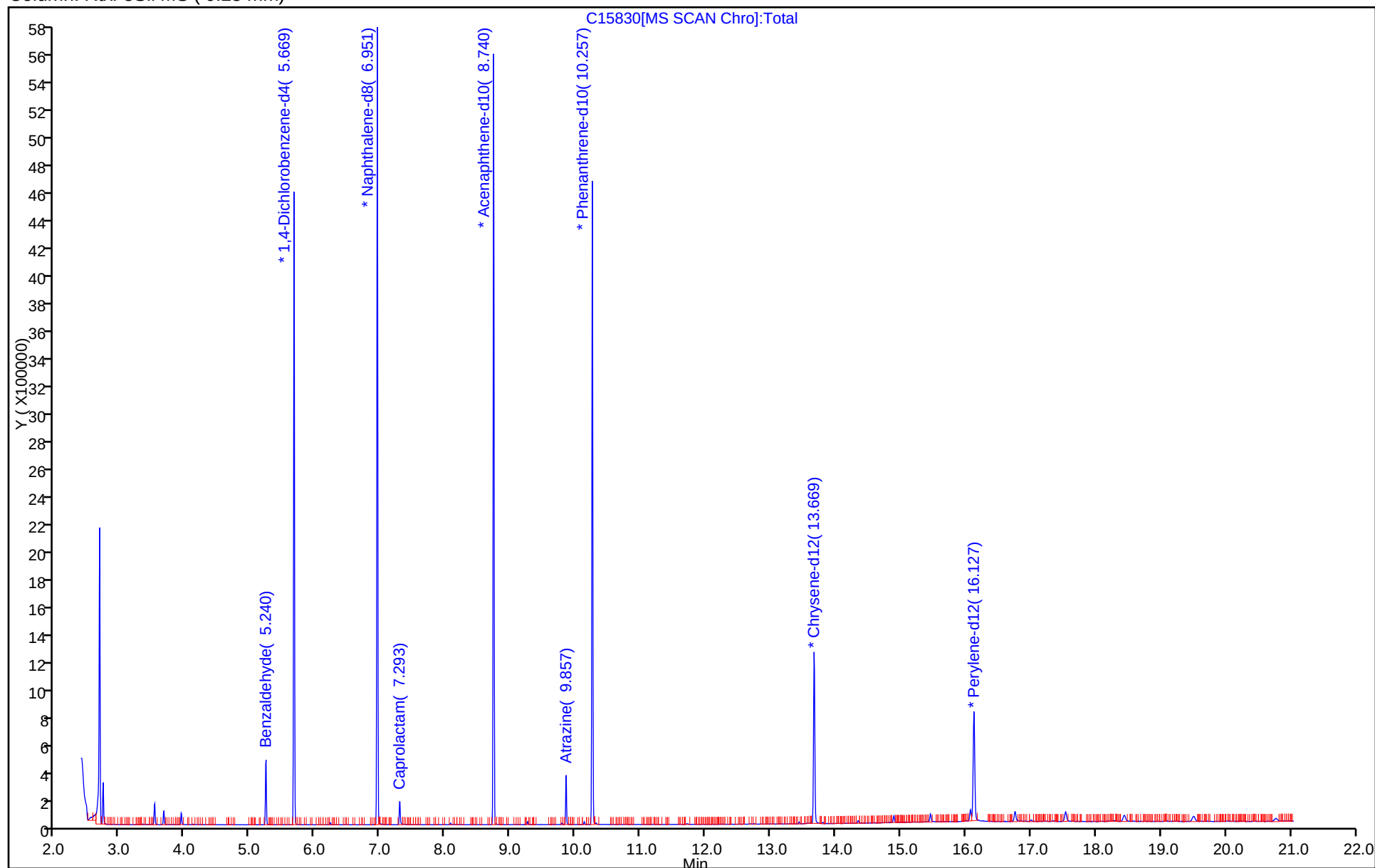
Dil. Factor: 1.0000

ALS Bottle#: 15

Method: 8270LVI_R13

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D
 Lims ID: std02
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 07-May-2015 19:08:30 ALS Bottle#: 16 Worklist Smp#: 16
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027129-016
 Operator ID: Instrument ID: CBNAMS13
 Sublist: chrom-8270LVI_R13*sub19
 Method: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\8270LVI_R13.m
 Limit Group: SV 8270D ICAL
 Last Update: 10-May-2015 13:11:54 Calib Date: 07-May-2015 19:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK016

First Level Reviewer: bayoumiw

Date: 07-May-2015 22:58:51

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 13 1,4-Dichlorobenzene-d4	152	5.669	5.669	0.000	97	554972	8.00	8.00	
* 35 Naphthalene-d8	136	6.951	6.951	0.000	99	2031693	8.00	8.00	
* 61 Acenaphthene-d10	164	8.739	8.739	0.000	94	884659	8.00	8.00	
79 Atrazine	200	9.857	9.863	-0.006	88	4181	0.2000	0.1731	
* 83 Phenanthrene-d10	188	10.257	10.257	0.000	99	1081938	8.00	8.00	
* 96 Chrysene-d12	240	13.669	13.668	0.001	98	419361	8.00	8.00	
* 103 Perylene-d12	264	16.127	16.127	0.000	96	439045	8.00	8.00	

Reagents:

SM_BNAL1B_00009

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\lg2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D

Injection Date: 07-May-2015 19:08:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: std02

Worklist Smp#: 16

Client ID:

Injection Vol: 5.0 ul

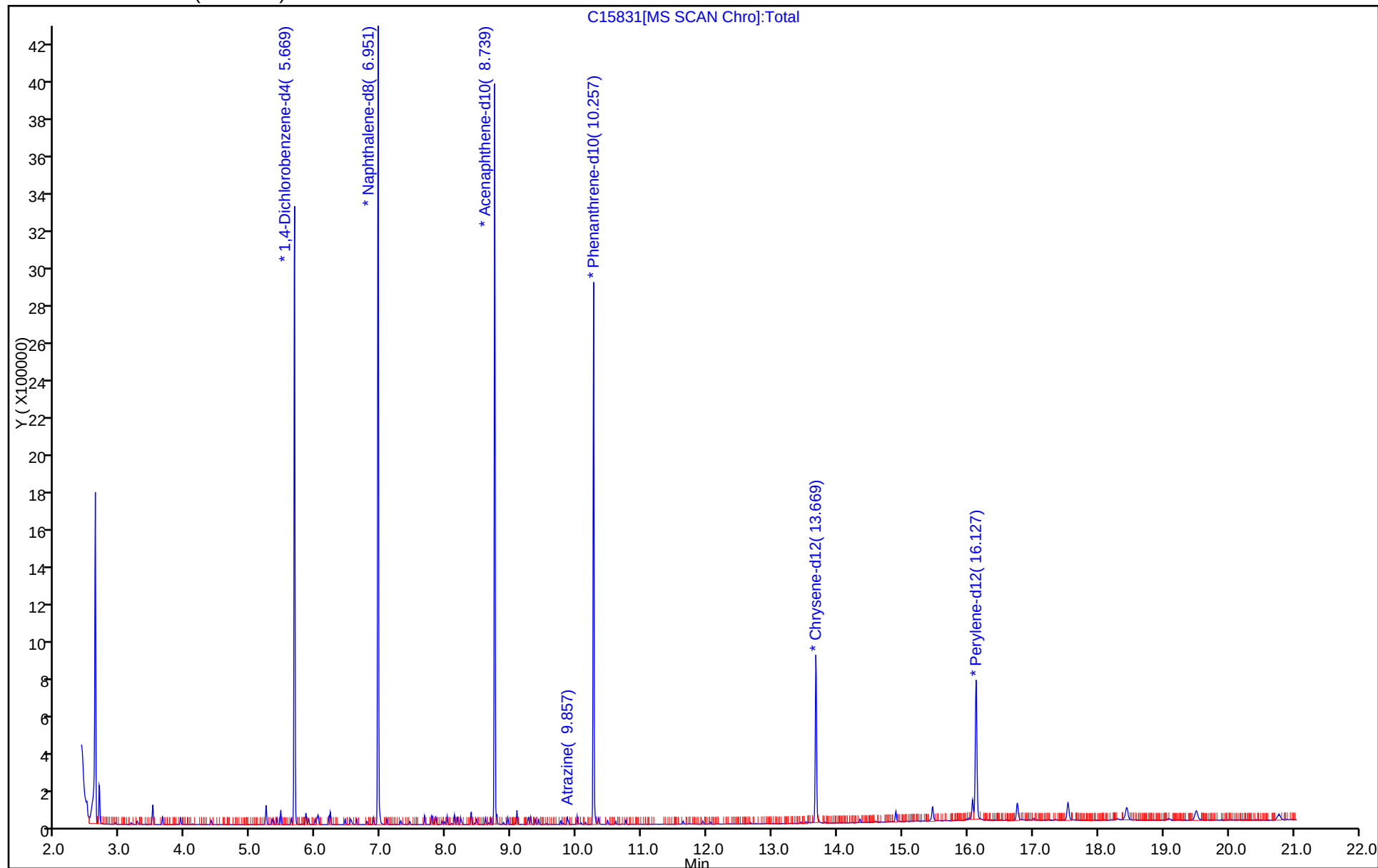
Dil. Factor: 1.0000

ALS Bottle#: 16

Method: 8270LVI_R13

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 299810

SDG No.: _____

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/20/2015 18:33 Calibration End Date: 05/20/2015 21:23 Calibration ID: 50040

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-299810/9	N6001.D
Level 2	STD02 460-299810/8	N6000.D
Level 3	STD1 460-299810/7	N5999.D
Level 4	STD2 460-299810/6	N5998.D
Level 5	STD4 460-299810/5	N5997.D
Level 6	ICIS 460-299810/2	N5994.D
Level 7	STD16 460-299810/4	N5996.D
Level 8	STD24 460-299810/3	N5995.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
1,4-Dioxane	0.5936	0.6741	0.7370 0.6671	0.6643	0.6754	Ave		0.6686				6.8		20.0			
N-Nitrosodimethylamine	0.8236	0.8908	0.9081 0.9014	0.9003	0.9036	Ave		0.8880				3.6		20.0			
Pyridine	1.4595	1.6595	1.6038 1.6556	1.6089	1.5980	Ave		1.5975				4.6		20.0			
Aniline	2.1257	2.1327	2.2303 2.1637	2.2006	2.1044	Ave		2.1596				2.2		20.0			
Phenol	1.9981	2.0130	2.0607 2.0005	1.9727	1.9502	Ave		1.9992			0.8000	1.9		20.0			
Bis(2-chloroethyl)ether	1.4215 1.4713	1.5212 1.4806	1.5021 1.4929	1.4695	1.4290	Ave		1.4735			0.7000	2.3		20.0			
2-Chlorophenol	1.5082	1.5366	1.5391 1.5382	1.5019	1.4866	Ave		1.5184			0.8000	1.5		20.0			
n-Decane	2.5708	2.5033	2.4633 2.4670	2.3769	2.4782	Ave		2.4766				2.5		20.0			
1,3-Dichlorobenzene	1.6322	1.6803	1.7204 1.6350	1.6613	1.6756	Ave		1.6675				2.0		20.0			
1,4-Dichlorobenzene	1.6178	1.6930	1.7204 1.6248	1.7402	1.6975	Ave		1.6823				3.0		20.0			
Benzyl alcohol	0.8687	0.8516	0.7859 0.8428	0.8189	0.7802	Ave		0.8247				4.4		20.0			
1,2-Dichlorobenzene	1.4788	1.5373	1.6350 1.4515	1.5687	1.5311	Ave		1.5337				4.3		20.0			
2,2'-oxybis[1-chloropropane]	2.9761	2.8490	3.0091 2.7849	2.9294	2.8356	Ave		2.8974			0.0100	3.0		20.0			
2-Methylphenol	1.2378	1.2583	1.3395 1.1796	1.2999	1.2970	Ave		1.2687			0.7000	4.4		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 299810
SDG No.: _____
Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 05/20/2015 18:33 Calibration End Date: 05/20/2015 21:23 Calibration ID: 50040

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Acetophenone	1.6787	1.6724	1.7987 1.6031	1.8073	1.6793	Ave		1.7066			0.0100	4.7		20.0			
N-Nitrosodi-n-propylamine	0.9318 0.8463	0.8775 0.8298	0.8907 0.8024	0.8782	0.8304	Ave		0.8609			0.5000	4.8		20.0			
3 & 4 Methylphenol	1.2677	1.2953	1.4068 1.2542	1.3516	1.3207	Ave		1.3160				4.3		20.0			
4-Methylphenol	1.2696	1.2771	1.3687 1.2450	1.3401	1.2937	Ave		1.2990			0.6000	3.6		20.0			
Hexachloroethane	0.6825 0.6390	0.6243 0.6728	0.7048 0.6322	0.6803	0.6796	Ave		0.6644			0.3000	4.3		20.0			
Nitrobenzene	0.5372 0.5230	0.5124 0.5394	0.5524 0.5185	0.5330	0.5433	Ave		0.5324			0.2000	2.5		20.0			
n,n'-Dimethylaniline	2.0673	1.9645	2.0775 1.9654	2.0306	2.2148	Ave		2.0533				4.5		20.0			
Isophorone	0.6010 0.5957	0.6056 0.6268	0.6056 0.6212	0.5983	0.5686	Ave		0.6025			0.4000	3.1		20.0			
2-Nitrophenol	0.1889	0.2038	0.1884 0.1981	0.1932	0.1879	Ave		0.1934			0.1000	3.3		20.0			
2,4-Dimethylphenol	0.3060	0.3224	0.3291 0.3144	0.3229	0.3166	Ave		0.3186			0.2000	2.5		20.0			
Bis(2-chloroethoxy)methane	0.4107	0.4252	0.4111 0.4210	0.4063	0.3963	Ave		0.4118			0.3000	2.5		20.0			
Benzoic acid	0.1798	0.1920	0.0919 0.1950	0.1292	0.1636	Lin2	-0.108	0.1936			0.0100				0.9980		0.9900
2,4-Dichlorophenol	0.2767	0.2926	0.2968 0.2836	0.2911	0.2847	Ave		0.2876			0.2000	2.5		20.0			
1,2,4-Trichlorobenzene	0.3043 0.3110	0.3129 0.3344	0.3500 0.3211	0.3333	0.3248	Ave		0.3240				4.6		20.0			
Naphthalene	1.0476	1.1074	1.1718 1.0946	1.1475	1.0987	Ave		1.1113			0.7000	3.9		20.0			
4-Chloroaniline	0.4052	0.4207	0.4300 0.4170	0.4202	0.3984	Ave		0.4153			0.0100	2.8		20.0			
Hexachlorobutadiene	0.1531 0.1577	0.1827 0.1696	0.1858 0.1626	0.1693	0.1707	Ave		0.1689			0.0100	6.7		20.0			
4-Chloro-3-methylphenol	0.2491	0.2582	0.2584 0.2617	0.2456	0.2362	Ave		0.2515			0.2000	3.9		20.0			
2-Methylnaphthalene	0.6099	0.6478	0.6348 0.6419	0.6454	0.6047	Ave		0.6307			0.4000	3.0		20.0			
1-Methylnaphthalene	0.5726	0.6008	0.5920 0.5916	0.5730	0.5700	Ave		0.5833				2.2		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 299810
SDG No.: _____
Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 05/20/2015 18:33 Calibration End Date: 05/20/2015 21:23 Calibration ID: 50040

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Hexachlorocyclopentadiene	0.4103	0.4140	0.3688 0.3915	0.3707	0.3793	Ave		0.3891			0.0500	5.0		20.0			
1,2,4,5-Tetrachlorobenzene	0.6315	0.5906	0.6579 0.5654	0.6156	0.6204	Ave		0.6136			0.0100	5.2		20.0			
2-tertbutyl-4-methylphenol	0.3964	0.3999	0.3481 0.4037	0.3713	0.3779	Ave		0.3829				5.6		20.0			
2,4,6-Trichlorophenol	0.4067	0.3942 0.3838	0.4035 0.3653	0.3610	0.3708	Ave		0.3836			0.2000	4.8		20.0			
2,4,5-Trichlorophenol	0.4085	0.3942	0.4447 0.3923	0.3694	0.3786	Ave		0.3980			0.2000	6.7		20.0			
1,1'-Biphenyl	1.8406	1.6996	1.8154 1.6556	1.7265	1.7037	Ave		1.7402			0.0100	4.1		20.0			
2-Chloronaphthalene	1.3794	1.2974	1.4133 1.2505	1.3343	1.3000	Ave		1.3292			0.8000	4.5		20.0			
Phenyl ether	0.9196	0.8325	0.8848 0.8236	0.8190	0.8721	Ave		0.8586				4.7		20.0			
2-Nitroaniline	0.4228	0.3963	0.3562 0.3991	0.3907	0.3751	Ave		0.3900			0.0100	5.8		20.0			
1,3-Dimethylnaphthalene	1.1460	1.0410	1.0922 1.0250	0.9949	1.0819	Ave		1.0635				5.1		20.0			
Dimethyl phthalate	1.2617	1.1798	1.1581 1.1733	1.1390	1.0810	Ave		1.1655			0.0100	5.1		20.0			
Coumarin	0.1709	0.1714	0.1457 0.1788	0.1521	0.1571	Ave		0.1627				7.9		20.0			
2,6-Dinitrotoluene	0.3067	0.2184 0.2852	0.2483 0.2837	0.2659	0.2569	Ave		0.2665			0.2000	10.8		20.0			
Acenaphthylene	1.9674	1.8793	1.8921 1.8027	1.8417	1.8077	Ave		1.8652			0.9000	3.3		20.0			
3-Nitroaniline	0.3452	0.3356	0.3012 0.3324	0.3033	0.3000	Ave		0.3196			0.0100	6.4		20.0			
Acenaphthene	1.2415	1.1621	1.2580 1.0970	1.1645	1.1648	Ave		1.1813			0.9000	5.0		20.0			
3,5-di-tert-butyl-4-hydroxytol	1.1024	1.0186	1.0052 0.9945	0.9912	1.0445	Ave		1.0261				4.1		20.0			
2,4-Dinitrophenol	0.1721	0.1728	0.0897 0.1769	0.1140	0.1230	Qua	-0.275	0.1798	0.0000624		0.0100				0.9990		0.9900
Dibenzofuran	1.6932	1.5872	1.6908 1.5343	1.6304	1.5683	Ave		1.6174			0.8000	4.1		20.0			
2,4-Dinitrotoluene	0.3663	0.1832 0.3431	0.2894 0.3313	0.3144	0.3062	Lin2	-0.031	0.3360			0.2000				0.9970		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 299810
SDG No.: _____
Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 05/20/2015 18:33 Calibration End Date: 05/20/2015 21:23 Calibration ID: 50040

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
4-Nitrophenol	0.2549	0.2342	0.1751 0.2373	0.1969	0.2062	Ave		0.2174			0.0100	13.7		20.0			
2,3,4,6-Tetrachlorophenol	0.2791	0.2733	0.2456 0.2679	0.2506	0.2426	Ave		0.2599			0.0100	6.0		20.0			
Diethyl phthalate	1.1755	1.0925	0.9766 1.0660	1.0444	0.9773	Ave		1.0554			0.0100	7.1		20.0			
Fluorene	1.3000	1.2218	1.2174 1.1844	1.2118	1.1595	Ave		1.2158			0.9000	3.9		20.0			
4-Chlorophenyl phenyl ether	0.5928	0.5632	0.5649 0.5401	0.5559	0.5461	Ave		0.5605			0.4000	3.3		20.0			
4-Nitroaniline	0.3081	0.2880	0.2150 0.2808	0.2648	0.2388	Ave		0.2659			0.0100	12.8		20.0			
4,6-Dinitro-2-methylphenol	0.1409	0.1150 0.1577	0.1248 0.1499	0.1250	0.1300	Ave		0.1348			0.0100	11.3		20.0			
N-Nitrosodiphenylamine	0.6450	0.6395	0.6575 0.6272	0.6163	0.6453	Ave		0.6385			0.0100	2.3		20.0			
1,2-Diphenylhydrazine	0.9825	1.0260	1.0387 0.9547	0.9912	1.0360	Ave		1.0048				3.4		20.0			
4-Bromophenyl phenyl ether	0.2116	0.2292	0.2414 0.2195	0.2128	0.2267	Ave		0.2235			0.1000	5.0		20.0			
Hexachlorobenzene	0.2360 0.2392	0.2369 0.2600	0.2732 0.2502	0.2499	0.2570	Ave		0.2503			0.1000	5.2		20.0			
Pentachloronitrobenzene	0.0896	0.0914	0.0776 0.0891	0.0783	0.0885	Ave		0.0858			0.0100	7.1		20.0			
Pentachlorophenol	0.1391	0.1532	0.1237 0.1461	0.1278	0.1352	Ave		0.1375			0.0500	8.0		20.0			
n-Octadecane	0.9219	0.9697	0.8402 0.9254	0.8271	0.8896	Ave		0.8956				6.1		20.0			
Phenanthrene	1.1614	1.2397	1.2812 1.1621	1.1997	1.1855	Ave		1.2049			0.7000	3.9		20.0			
Anthracene	1.1574	1.2568	1.2487 1.2154	1.2000	1.2305	Ave		1.2181			0.7000	3.0		20.0			
Carbazole	1.0065	1.0646	1.0419 1.0191	1.0372	0.9757	Ave		1.0242			0.0100	3.0		20.0			
Di-n-butyl phthalate	1.1552	1.2444	1.1144 1.2172	1.1604	1.0582	Ave		1.1583			0.0100	5.8		20.0			
Fluoranthene	0.9851	1.0464	0.9889 1.0275	1.0137	0.9261	Ave		0.9980			0.6000	4.2		20.0			
Benzidine	0.5069	0.5569	0.4605 0.5863	0.4706	0.5238	Ave		0.5175				9.4		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 299810
SDG No.: _____
Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 05/20/2015 18:33 Calibration End Date: 05/20/2015 21:23 Calibration ID: 50040

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Pyrene	1.6158	1.7365	1.7223 1.6185	1.6634	1.6627	Ave		1.6698			0.6000	3.0		20.0			
Bisphenol-A	0.4977	0.5445	0.3865 0.5579	0.4605	0.3741	Ave		0.4702				16.6		20.0			
Butyl benzyl phthalate	0.6273	0.6871	0.5706 0.6523	0.6125	0.6160	Ave		0.6276			0.0100	6.3		20.0			
2,3,7,8-TCDD	0.1857					Ave		0.1857						20.0			
Carbamazepine	0.4313	0.4946	0.3565 0.4959	0.3402	0.4664	Ave		0.4308				15.8		20.0			
3,3'-Dichlorobenzidine	0.4393	0.4716	0.3432 0.4715	0.3965	0.4664	Ave		0.4263			0.0100	11.6		20.0			
Benzo[a]anthracene	1.4429 1.2056	1.2514 1.3139	1.2749 1.2330	1.2272	1.2142	Ave		1.2704			0.8000	6.1		20.0			
Chrysene	1.1392	1.2367 1.2658	1.2825 1.2234	1.2266	1.1869	Ave		1.2230			0.7000	3.9		20.0			
Bis(2-ethylhexyl) phthalate	0.8616	0.6846 0.9697	0.7419 0.9200	0.8134	0.8200	Ave		0.8302			0.0100	11.8		20.0			
Di-n-octyl phthalate	1.4619	1.5573	1.1972 1.4884	1.3804	1.3631	Ave		1.4081			0.0100	8.9		20.0			
Benzo[b]fluoranthene	1.0424 1.1510	1.0454 1.1948	1.1564 1.2059	1.1468	1.1268	Ave		1.1337			0.7000	5.4		20.0			
Benzo[k]fluoranthene	1.0816 1.2720	1.1933 1.4080	1.0868 1.3137	1.2656	1.3229	Ave		1.2430			0.7000	9.3		20.0			
Benzo[a]pyrene	1.0590 1.1388	0.9114 1.2107	1.0272 1.2311	1.0860	1.1014	Ave		1.0957			0.7000	9.4		20.0			
Indeno[1,2,3-cd]pyrene	0.9239 0.8926	0.8329 1.0452	0.8501 1.1981	0.7938	0.9116	Ave		0.9310			0.5000	14.1		20.0			
Dibenz(a,h)anthracene	0.7918 1.0684	0.7880 1.1922	0.9472 1.2487	0.9093	0.9511	Ave		0.9871			0.4000	17.3		20.0			
Benzo[g,h,i]perylene	1.1140	1.2953	1.0784 1.3950	0.9340	1.1150	Ave		1.1553			0.5000	14.2		20.0			
2-Fluorophenol (Surr)	1.5027	1.3357 1.5674	1.4917 1.5240	1.4529	1.4015	Ave		1.4680				5.3		20.0			
Phenol-d5 (Surr)	1.7879	1.7040 1.7437	1.8014 1.7018	1.7555	1.6893	Ave		1.7405				2.5		20.0			
Nitrobenzene-d5 (Surr)	0.3859 0.4003	0.3697 0.4165	0.3936 0.3867	0.3834	0.3879	Ave		0.3905				3.5		20.0			
2-Fluorobiphenyl	1.7018 1.6482	1.4564 1.5275	1.5802 1.4441	1.4985	1.4245	Ave		1.5352				6.5		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 299810

SDG No.: _____

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/20/2015 18:33 Calibration End Date: 05/20/2015 21:23 Calibration ID: 50040

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
2,4,6-Tribromophenol (Surr)		0.1353	0.1450	0.1618	0.1354	Ave		0.1558				11.0		20.0			
	0.1770	0.1710	0.1653														
Terphenyl-d14 (Surr)	0.9823	1.0564	1.1117	1.0913	1.0566	Ave		1.0901				5.9		20.0			
	1.1217	1.2083	1.0924														

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 299810

SDG No.: _____

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/20/2015 18:33 Calibration End Date: 05/20/2015 21:23 Calibration ID: 50040

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-299810/9	N6001.D
Level 2	STD02 460-299810/8	N6000.D
Level 3	STD1 460-299810/7	N5999.D
Level 4	STD2 460-299810/6	N5998.D
Level 5	STD4 460-299810/5	N5997.D
Level 6	ICIS 460-299810/2	N5994.D
Level 7	STD16 460-299810/4	N5996.D
Level 8	STD24 460-299810/3	N5995.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,4-Dioxane	DCB	Ave	477850	904736	76204 1222214	130705	258045	10.0	16.0	1.00 24.0	2.00	4.00
N-Nitrosodimethylamine	DCB	Ave	663024	1195463	93895 1651318	177157	345242	10.0	16.0	1.00 24.0	2.00	4.00
Pyridine	DCB	Ave	1174953	2227141	165824 3033085	316576	610552	10.0	16.0	1.00 24.0	2.00	4.00
Aniline	DCB	Ave	1711284	2862248	230603 3964008	432994	804036	10.0	16.0	1.00 24.0	2.00	4.00
Phenol	DCB	Ave	1608588	2701632	213060 3664927	388155	745101	10.0	16.0	1.00 24.0	2.00	4.00
Bis(2-chloroethyl)ether	DCB	Ave	14680 1184469	30994 1987093	155304 2735105	289156	545968	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
2-Chlorophenol	DCB	Ave	1214186	2062246	159132 2818117	295524	567985	10.0	16.0	1.00 24.0	2.00	4.00
n-Decane	DCB	Ave	2069569	3359586	254690 4519642	467694	946843	10.0	16.0	1.00 24.0	2.00	4.00
1,3-Dichlorobenzene	DCB	Ave	1313998	2255127	177884 2995373	326894	640201	10.0	16.0	1.00 24.0	2.00	4.00
1,4-Dichlorobenzene	DCB	Ave	1302381	2272136	177884 2976615	342420	648556	10.0	16.0	1.00 24.0	2.00	4.00
Benzyl alcohol	DCB	Ave	699325	1142922	81257 1544116	161139	298080	10.0	16.0	1.00 24.0	2.00	4.00
1,2-Dichlorobenzene	DCB	Ave	1190457	2063120	169047 2659255	308672	584985	10.0	16.0	1.00 24.0	2.00	4.00
2,2'-oxybis[1-chloropropane]	DCB	Ave	2395919	3823580	311126 5102082	576400	1083395	10.0	16.0	1.00 24.0	2.00	4.00
2-Methylphenol	DCB	Ave	996504	1688717	138493 2161092	255784	495538	10.0	16.0	1.00 24.0	2.00	4.00
Acetophenone	DCB	Ave	1351448	2244556	185978 2936953	355611	641610	10.0	16.0	1.00 24.0	2.00	4.00

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 299810

SDG No.: _____

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/20/2015 18:33 Calibration End Date: 05/20/2015 21:23 Calibration ID: 50040

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
N-Nitrosodi-n-propylamine	DCB	Ave	9623 681321	17878 1113627	92093 1470007	172794	317272	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
3 & 4 Methylphenol	DCB	Ave	1020542	1738379	145457 2297735	265940	504580	10.0	16.0	1.00 24.0	2.00	4.00
4-Methylphenol	DCB	Ave	1022079	1713949	141518 2280890	263692	494283	10.0	16.0	1.00 24.0	2.00	4.00
Hexachloroethane	DCB	Ave	7048 514389	12720 902950	72871 1158273	133862	259638	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Nitrobenzene	NPT	Ave	19906 1495789	37253 2417273	202551 3221437	376615	724000	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
n,n'-Dimethylaniline	DCB	Ave	1664285	2636528	214798 3600649	399549	846210	10.0	16.0	1.00 24.0	2.00	4.00
Isophorone	NPT	Ave	1703761	43692 2808524	222085 3859183	422803	757726	10.0	0.200 16.0	1.00 24.0	2.00	4.00
2-Nitrophenol	NPT	Ave	540205	913051	69093 1231007	136550	250370	10.0	16.0	1.00 24.0	2.00	4.00
2,4-Dimethylphenol	NPT	Ave	875214	1444819	120689 1953036	228202	421868	10.0	16.0	1.00 24.0	2.00	4.00
Bis(2-chloroethoxy)methane	NPT	Ave	1174471	1905199	150741 2615763	287103	528118	10.0	16.0	1.00 24.0	2.00	4.00
Benzoic acid	NPT	Lin2	514312	860398	33684 1211641	91286	217944	10.0	16.0	1.00 24.0	2.00	4.00
2,4-Dichlorophenol	NPT	Ave	791214	1311222	108830 1761801	205699	379340	10.0	16.0	1.00 24.0	2.00	4.00
1,2,4-Trichlorobenzene	NPT	Ave	11275 889396	22747 1498342	128333 1994666	235496	432876	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Naphthalene	NPT	Ave	2995934	4962553	429707 6800179	810881	1464120	10.0	16.0	1.00 24.0	2.00	4.00
4-Chloroaniline	NPT	Ave	1158886	1885324	157690 2590985	296908	530840	10.0	16.0	1.00 24.0	2.00	4.00
Hexachlorobutadiene	NPT	Ave	5672 450900	13281 759952	68137 1010349	119668	227479	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
4-Chloro-3-methylphenol	NPT	Ave	712271	1157154	94745 1625974	173526	314803	10.0	16.0	1.00 24.0	2.00	4.00
2-Methylnaphthalene	NPT	Ave	1744166	2902862	232765 3988199	456034	805740	10.0	16.0	1.00 24.0	2.00	4.00
1-Methylnaphthalene	NPT	Ave	1637470	2692232	217067 3675399	404893	759573	10.0	16.0	1.00 24.0	2.00	4.00
Hexachlorocyclopentadiene	ANT	Ave	450202	795098	52122 1064728	107692	202523	10.0	16.0	1.00 24.0	2.00	4.00
1,2,4,5-Tetrachlorobenzene	ANT	Ave	692976	1134396	92978 1537589	178853	331303	10.0	16.0	1.00 24.0	2.00	4.00

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 299810

SDG No.: _____

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/20/2015 18:33 Calibration End Date: 05/20/2015 21:23 Calibration ID: 50040

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
2-tertbutyl-4-methylphenol	NPT	Ave	1133557	1792042	127647 2508157	262351	503600	10.0	16.0	1.00 24.0	2.00	4.00
2,4,6-Trichlorophenol	ANT	Ave	446233	10994 737222	57028 993587	104874	198006	10.0	0.200 16.0	1.00 24.0	2.00	4.00
2,4,5-Trichlorophenol	ANT	Ave	448267	757049	62852 1066921	107329	202178	10.0	16.0	1.00 24.0	2.00	4.00
1,1'-Biphenyl	ANT	Ave	2019690	3264278	256568 4502535	501608	909761	10.0	16.0	1.00 24.0	2.00	4.00
2-Chloronaphthalene	ANT	Ave	1513681	2491810	199734 3400923	387654	694192	10.0	16.0	1.00 24.0	2.00	4.00
Phenyl ether	ANT	Ave	1009051	1598973	125049 2239749	237955	465686	10.0	16.0	1.00 24.0	2.00	4.00
2-Nitroaniline	ANT	Ave	463925	761064	50346 1085260	113507	200280	10.0	16.0	1.00 24.0	2.00	4.00
1,3-Dimethylnaphthalene	ANT	Ave	1257505	1999381	154351 2787460	289038	577756	10.0	16.0	1.00 24.0	2.00	4.00
Dimethyl phthalate	ANT	Ave	1384525	2265878	163668 3190877	330906	577267	10.0	16.0	1.00 24.0	2.00	4.00
Coumarin	NPT	Ave	488649	768180	53440 1110832	107511	209377	10.0	16.0	1.00 24.0	2.00	4.00
2,6-Dinitrotoluene	ANT	Ave	336602	6092 547826	35092 771596	77254	137188	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Acenaphthylene	ANT	Ave	2158919	3609490	267409 4902584	535088	965330	10.0	16.0	1.00 24.0	2.00	4.00
3-Nitroaniline	ANT	Ave	378799	644545	42569 903931	88126	160215	10.0	16.0	1.00 24.0	2.00	4.00
Acenaphthene	ANT	Ave	1362365	2231987	177786 2983449	338315	622027	10.0	16.0	1.00 24.0	2.00	4.00
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	1209690	1956337	142062 2704568	287989	557784	10.0	16.0	1.00 24.0	2.00	4.00
2,4-Dinitrophenol	ANT	Qua	377756	663806	25355 962212	66264	131404	20.0	32.0	2.00 48.0	4.00	8.00
Dibenzofuran	ANT	Ave	1857956	3048337	238951 4172679	473677	837491	10.0	16.0	1.00 24.0	2.00	4.00
2,4-Dinitrotoluene	ANT	Lin2	401943	5109 658957	40898 900957	91334	163533	10.0	0.200 16.0	1.00 24.0	2.00	4.00
4-Nitrophenol	ANT	Ave	559328	899445	49485 1290893	114412	220233	20.0	32.0	2.00 48.0	4.00	8.00
2,3,4,6-Tetrachlorophenol	ANT	Ave	306285	524981	34707 728692	72798	129524	10.0	16.0	1.00 24.0	2.00	4.00
Diethyl phthalate	ANT	Ave	1289917	2098351	138025 2899003	303421	521883	10.0	16.0	1.00 24.0	2.00	4.00

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 299810

SDG No.: _____

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/20/2015 18:33 Calibration End Date: 05/20/2015 21:23 Calibration ID: 50040

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Fluorene	ANT	Ave	1426536	2346623	172046 3220961	352081	619155	10.0	16.0	1.00 24.0	2.00	4.00
4-Chlorophenyl phenyl ether	ANT	Ave	650543	1081731	79839 1468715	161514	291626	10.0	16.0	1.00 24.0	2.00	4.00
4-Nitroaniline	ANT	Ave	338112	553173	30381 763747	76930	127530	10.0	16.0	1.00 24.0	2.00	4.00
4,6-Dinitro-2-methylphenol	PHN	Ave	451665	7519 788873	41478 1105022	93417	166068	20.0	0.400 32.0	2.00 48.0	4.00	8.00
N-Nitrosodiphenylamine	PHN	Ave	1033456	1599444	109297 2312318	230325	412219	10.0	16.0	1.00 24.0	2.00	4.00
1,2-Diphenylhydrazine	PHN	Ave	1574192	2565961	172662 3519479	370440	661733	10.0	16.0	1.00 24.0	2.00	4.00
4-Bromophenyl phenyl ether	PHN	Ave	338988	573116	40135 809089	79528	144788	10.0	16.0	1.00 24.0	2.00	4.00
Hexachlorobenzene	PHN	Ave	3758 383255	7742 650219	45412 922312	93398	164184	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Pentachloronitrobenzene	PHN	Ave	143557	228542	12898 328561	29263	56554	10.0	16.0	1.00 24.0	2.00	4.00
Pentachlorophenol	PHN	Ave	445611	766142	41127 1077200	95504	172774	20.0	32.0	2.00 48.0	4.00	8.00
n-Octadecane	PHN	Ave	1477114	2425340	139660 3411485	309096	568254	10.0	16.0	1.00 24.0	2.00	4.00
Phenanthrene	PHN	Ave	1860801	3100412	212969 4284444	448355	757248	10.0	16.0	1.00 24.0	2.00	4.00
Anthracene	PHN	Ave	1854439	3143296	207565 4480601	448478	786013	10.0	16.0	1.00 24.0	2.00	4.00
Carbazole	PHN	Ave	1612700	2662700	173187 3757172	387637	623226	10.0	16.0	1.00 24.0	2.00	4.00
Di-n-butyl phthalate	PHN	Ave	1850903	3112177	185240 4487240	433645	675934	10.0	16.0	1.00 24.0	2.00	4.00
Fluoranthene	PHN	Ave	1578371	2617160	164387 3788225	378826	591543	10.0	16.0	1.00 24.0	2.00	4.00
Benzidine	PHN	Ave	812212	1392725	76556 2161519	175857	334599	10.0	16.0	1.00 24.0	2.00	4.00
Pyrene	CRY	Ave	1652389	2730929	174456 3910123	397443	605715	10.0	16.0	1.00 24.0	2.00	4.00
Bisphenol-A	CRY	Ave	509012	856267	39155 1347833	110036	136282	10.0	16.0	1.00 24.0	2.00	4.00
Butyl benzyl phthalate	CRY	Ave	641484	1080621	57801 1575873	146339	224413	10.0	16.0	1.00 24.0	2.00	4.00
2,3,7,8-TCDD	CRY	Ave	1899					0.100				

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 299810

SDG No.: _____

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/20/2015 18:33 Calibration End Date: 05/20/2015 21:23 Calibration ID: 50040

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Carbamazepine	CRY	Ave	441056	777885	36112 1198063	81282	169920	10.0	16.0	1.00 24.0	2.00	4.00
3,3'-Dichlorobenzidine	CRY	Ave	449223	6628 741656	40060 1139154	94735	169902	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[a]anthracene	CRY	Ave	13058 1232888	24167 2066318	129144 2978818	293228	442354	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Chrysene	CRY	Ave	23883 1164997	129906 1990642	293090 2955654	432377	293090	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Bis(2-ethylhexyl) phthalate	CRY	Ave	881118	13222 1525004	75152 2222794	194363	298737	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Di-n-octyl phthalate	PRY	Ave	1319024	102834 2293755	457289 3427597	269159	457289	10.0	16.0	1.00 24.0	2.00	4.00
Benzo[b]fluoranthene	PRY	Ave	8932 1038510	17601 1759946	99330 2777023	223601	378011	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[k]fluoranthene	PRY	Ave	9268 1147642	20090 2073914	93354 3025208	246765	443781	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[a]pyrene	PRY	Ave	9074 1027511	15345 1783310	88231 2834960	211743	369496	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Indeno[1,2,3-cd]pyrene	PRY	Ave	7917 805331	14023 1539554	73018 2758955	154781	305814	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Dibenz(a,h)anthracene	PRY	Ave	6785 963966	13267 1756009	81364 2875491	177294	319068	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[g,h,i]perylene	PRY	Ave	92629 1005129	182118 1907976	374034 3212461	182118	374034	10.0	16.0	1.00 24.0	2.00	4.00
2-Fluorophenol (Surr)	DCB	Ave	27213 1209763	154229 2103575	285890 2791986	535458	535458	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Phenol-d5 (Surr)	DCB	Ave	34717 1439330	186251 2340227	345426 3117774	645439	645439	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Nitrobenzene-d5 (Surr)	NPT	Ave	14297 1144833	26881 1866433	144337 2402476	270914	516868	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
2-Fluorobiphenyl	ANT	Ave	21313 1808613	40623 2933750	223331 3927261	435359	760671	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
2,4,6-Tribromophenol (Surr)	ANT	Ave	194209	3775 328400	20497 449598	47020	72314	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Terphenyl-d14 (Surr)	CRY	Ave	8890 1147146	20402 1900203	112612 2639220	260754	384921	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua = Quadratic ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N5994.D
 Lims ID: ICIS
 Client ID:
 Sample Type: ICIS Calib Level: 6
 Inject. Date: 20-May-2015 18:33:30 ALS Bottle#: 2 Worklist Smp#: 2
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027614-002
 Misc. Info.: CCVIS
 Operator ID: Instrument ID: CBNAMS14
 Sublist: chrom-8270LVI_14*sub15
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\8270LVI_14.m
 Limit Group: SV 8270D ICAL
 Last Update: 21-May-2015 13:08:04 Calib Date: 21-May-2015 00:13:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6008.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK005

First Level Reviewer: szczecha

Date: 21-May-2015 13:08:04

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.575	1.575	0.000	90	477850	10.0	8.88	
2 N-Nitrosodimethylamine	74	1.746	1.746	0.000	80	663024	10.0	9.28	
3 Pyridine	79	1.769	1.769	0.000	74	1174953	10.0	9.14	
\$ 4 2-Fluorophenol	112	2.693	2.693	0.000	93	1209763	10.0	10.2	
\$ 6 Phenol-d5	99	3.551	3.551	0.000	89	1439330	10.0	10.3	
8 Aniline	93	3.551	3.551	0.000	96	1711284	10.0	9.84	
7 Phenol	94	3.569	3.569	0.000	98	1608588	10.0	10.0	
9 Bis(2-chloroethyl)ether	93	3.622	3.622	0.000	92	1184469	10.0	9.99	
10 Benzonitrile	103	3.640	3.640	0.000	99	2196187	NC	NC	
11 2-Chlorophenol	128	3.675	3.675	0.000	93	1214186	10.0	9.93	
12 n-Decane	43	3.710	3.710	0.000	91	2069569	10.0	10.4	
13 1,3-Dichlorobenzene	146	3.816	3.816	0.000	95	1313998	10.0	9.79	
* 14 1,4-Dichlorobenzene-d4	152	3.875	3.875	0.000	97	644033	8.00	8.00	
15 1,4-Dichlorobenzene	146	3.893	3.893	0.000	94	1302381	10.0	9.62	
16 Benzyl alcohol	108	4.028	4.028	0.000	93	699325	10.0	10.5	
17 1,2-Dichlorobenzene	146	4.040	4.040	0.000	95	1190457	10.0	9.64	
19 2,2'-oxybis[1-chloropropan	45	4.163	4.163	0.000	91	2395919	10.0	10.3	
18 2-Methylphenol	108	4.169	4.169	0.000	83	996504	10.0	9.76	
20 N-Methylaniline	106	4.281	4.281	0.000	79	1611776	NC	NC	
21 Acetophenone	105	4.293	4.293	0.000	96	1351448	10.0	9.84	
22 N-Nitrosodi-n-propylamine	70	4.298	4.298	0.000	93	681321	10.0	9.83	
23 3 & 4 Methylphenol	108	4.328	4.328	0.000	68	1020542	10.0	9.63	
24 4-Methylphenol	108	4.328	4.328	0.000	97	1022079	10.0	9.77	
25 Hexachloroethane	117	4.381	4.381	0.000	95	514389	10.0	9.62	
\$ 27 Nitrobenzene-d5	82	4.446	4.446	0.000	91	1144833	10.0	10.3	
29 n,n'-Dimethylaniline	120	4.463	4.463	0.000	97	1664285	10.0	10.1	
28 Nitrobenzene	77	4.463	4.463	0.000	91	1495789	10.0	9.82	
30 Isophorone	82	4.704	4.704	0.000	99	1703761	10.0	9.89	
32 2-Nitrophenol	139	4.781	4.781	0.000	90	540205	10.0	9.77	
33 2,4-Dimethylphenol	122	4.857	4.857	0.000	92	875214	10.0	9.61	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	4.940	4.940	0.000	95	1174471	10.0	9.97	
35 Benzoic acid	122	4.993	4.993	0.000	88	514312	10.0	9.84	
36 2,4-Dichlorophenol	162	5.045	5.045	0.000	95	791214	10.0	9.62	
37 1,2,4-Trichlorobenzene	180	5.104	5.104	0.000	94	889396	10.0	9.60	
* 38 Naphthalene-d8	136	5.163	5.163	0.000	99	2287904	8.00	8.00	
39 Naphthalene	128	5.181	5.181	0.000	99	2995934	10.0	9.43	
40 4-Chloroaniline	127	5.257	5.257	0.000	96	1158886	10.0	9.76	
41 Hexachlorobutadiene	225	5.310	5.310	0.000	94	450900	10.0	9.33	
43 4-Chloro-3-methylphenol	107	5.781	5.781	0.000	98	712271	10.0	9.90	
44 2-Methylnaphthalene	142	5.881	5.881	0.000	85	1744166	10.0	9.67	
45 1-Methylnaphthalene	142	5.981	5.981	0.000	94	1637470	10.0	9.82	
46 Hexachlorocyclopentadiene	237	6.040	6.040	0.000	95	450202	10.0	10.5	
47 1,2,4,5-Tetrachlorobenzene	216	6.051	6.051	0.000	96	692976	10.0	10.3	
48 2-tertbutyl-4-methylphenol	149	6.116	6.116	0.000	91	1133557	10.0	10.4	
49 2,4,6-Trichlorophenol	196	6.181	6.181	0.000	87	446233	10.0	10.6	
50 2,4,5-Trichlorophenol	196	6.234	6.234	0.000	95	448267	10.0	10.3	
\$ 51 2-Fluorobiphenyl	172	6.263	6.263	0.000	98	1808613	10.0	10.7	
52 1,1'-Biphenyl	154	6.357	6.357	0.000	95	2019690	10.0	10.6	
53 2-Chloronaphthalene	162	6.369	6.369	0.000	97	1513681	10.0	10.4	
54 Phenyl ether	170	6.469	6.469	0.000	90	1009051	10.0	10.7	
55 2-Nitroaniline	65	6.492	6.492	0.000	97	463925	10.0	10.8	
57 1,3-Dimethylnaphthalene	156	6.587	6.587	0.000	92	1257505	10.0	10.8	
59 Dimethyl phthalate	163	6.681	6.681	0.000	99	1384525	10.0	10.8	
60 Coumarin	146	6.687	6.687	0.000	82	488649	10.0	10.5	
61 2,6-Dinitrotoluene	165	6.739	6.739	0.000	95	336602	10.0	11.5	
62 Acenaphthylene	152	6.781	6.781	0.000	98	2158919	10.0	10.5	
63 3-Nitroaniline	138	6.904	6.904	0.000	93	378799	10.0	10.8	
* 64 Acenaphthene-d10	164	6.922	6.922	0.000	98	877858	8.00	8.00	
66 Acenaphthene	154	6.951	6.951	0.000	94	1362365	10.0	10.5	
65 3,5-di-tert-butyl-4-hydrox	205	6.957	6.957	0.000	99	1209690	10.0	10.7	
67 2,4-Dinitrophenol	184	7.004	7.004	0.000	93	377756	20.0	20.5	
70 Dibenzofuran	168	7.122	7.122	0.000	98	1857956	10.0	10.5	
69 2,4-Dinitrotoluene	165	7.128	7.128	0.000	68	401943	10.0	11.0	
68 4-Nitrophenol	65	7.134	7.134	0.000	93	559328	20.0	23.4	
72 2,3,4,6-Tetrachlorophenol	232	7.257	7.257	0.000	90	306285	10.0	10.7	
73 Diethyl phthalate	149	7.381	7.381	0.000	98	1289917	10.0	11.1	
75 Fluorene	166	7.463	7.463	0.000	95	1426536	10.0	10.7	
74 4-Chlorophenyl phenyl ethe	204	7.475	7.475	0.000	93	650543	10.0	10.6	
76 4-Nitroaniline	138	7.510	7.510	0.000	94	338112	10.0	11.6	
77 4,6-Dinitro-2-methylphenol	198	7.528	7.528	0.000	84	451665	20.0	20.9	
78 N-Nitrosodiphenylamine	169	7.592	7.592	0.000	69	1033456	10.0	10.1	
79 1,2-Diphenylhydrazine	77	7.628	7.628	0.000	99	1574192	10.0	9.78	
\$ 80 2,4,6-Tribromophenol	330	7.704	7.704	0.000	94	194209	10.0	11.4	
81 4-Bromophenyl phenyl ether	248	7.951	7.951	0.000	83	338988	10.0	9.47	
82 Hexachlorobenzene	284	7.992	7.992	0.000	98	383255	10.0	9.56	
84 Pentachlorophenol	266	8.204	8.204	0.000	92	445611	20.0	20.2	
85 Pentachloronitrobenzene	237	8.210	8.210	0.000	56	143557	10.0	10.4	
86 n-Octadecane	57	8.298	8.298	0.000	88	1477114	10.0	10.3	
* 87 Phenanthrene-d10	188	8.381	8.381	0.000	99	1281800	8.00	8.00	
88 Phenanthrene	178	8.404	8.404	0.000	98	1860801	10.0	9.64	
89 Anthracene	178	8.451	8.451	0.000	98	1854439	10.0	9.50	
90 Carbazole	167	8.628	8.628	0.000	96	1612700	10.0	9.83	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
91 Di-n-butyl phthalate	149	8.981	8.981	0.000	100	1850903	10.0	9.97	
92 Fluoranthene	202	9.569	9.569	0.000	97	1578371	10.0	9.87	
93 Benzidine	184	9.722	9.722	0.000	99	812212	10.0	9.80	
94 Pyrene	202	9.786	9.786	0.000	97	1652389	10.0	9.68	
95 Bisphenol-A	213	9.875	9.875	0.000	0	509012	10.0	10.6	
\$ 96 Terphenyl-d14	244	9.957	9.957	0.000	99	1147146	10.0	10.3	
97 Butyl benzyl phthalate	149	10.469	10.469	0.000	98	641484	10.0	10.0	
98 2,3,7,8-TCDD	320	10.539	10.539	0.000	86	1899	0.1000	0.1000	
99 Carbamazepine	193	10.575	10.575	0.000	93	441056	10.0	10.0	
100 3,3'-Dichlorobenzidine	252	11.045	11.045	0.000	99	449223	10.0	10.3	
101 Benzo[a]anthracene	228	11.051	11.051	0.000	99	1232888	10.0	9.49	
* 102 Chrysene-d12	240	11.063	11.063	0.000	99	818123	8.00	8.00	
104 Chrysene	228	11.092	11.092	0.000	98	1164997	10.0	9.31	
103 Bis(2-ethylhexyl) phthalat	149	11.122	11.122	0.000	91	881118	10.0	10.4	
105 Di-n-octyl phthalate	149	11.939	11.939	0.000	97	1319024	10.0	10.4	
106 Benzo[b]fluoranthene	252	12.380	12.380	0.000	98	1038510	10.0	10.2	
107 Benzo[k]fluoranthene	252	12.416	12.416	0.000	99	1147642	10.0	10.2	
108 Benzo[a]pyrene	252	12.804	12.804	0.000	96	1027511	10.0	10.4	
* 109 Perylene-d12	264	12.880	12.880	0.000	96	721791	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.274	14.274	0.000	98	805331	10.0	9.59	
111 Dibenz(a,h)anthracene	278	14.310	14.310	0.000	96	963966	10.0	10.8	
112 Benzo[g,h,i]perylene	276	14.610	14.610	0.000	96	1005129	10.0	9.64	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_BNAL6_00023

Amount Added: 1.00

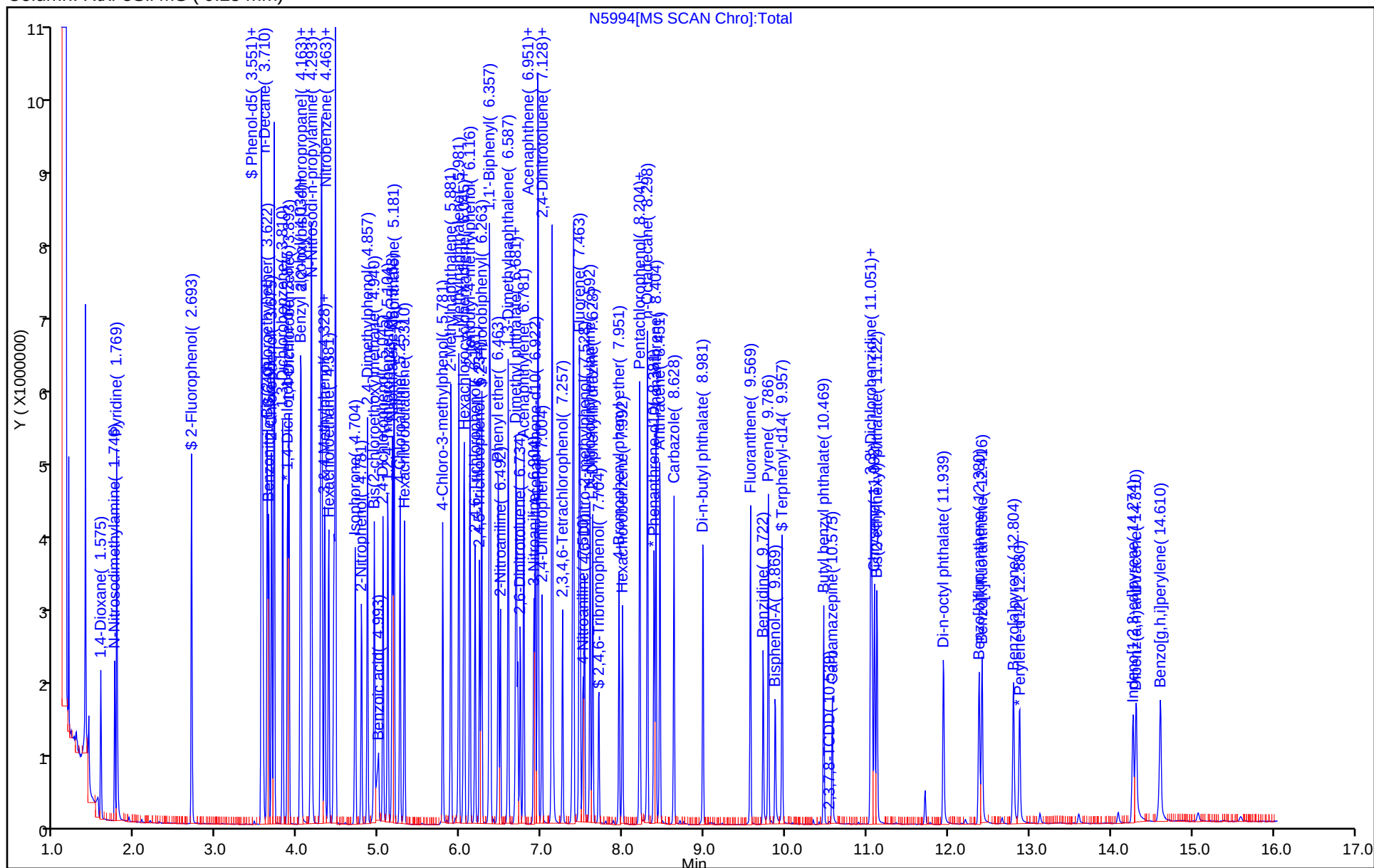
Units: mL

Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N5994.D		
Injection Date:	20-May-2015 18:33:30	Instrument ID:	CBNAMS14
Lims ID:	ICIS		
Client ID:			
Injection Vol:	5.0 ul	Dil. Factor:	1.0000
Method:	8270LVI_14	Limit Group:	SV 8270D ICAL
Column:	Rtxi-5Sil MS (0.25 mm)		

Operator ID:
Worklist Smp#: 2
ALS Bottle#: 2



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N5995.D
 Lims ID: STD24
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 20-May-2015 18:57:30 ALS Bottle#: 3 Worklist Smp#: 3
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027614-003
 Operator ID: Instrument ID: CBNAMS14
 Sublist: chrom-8270LVI_14*sub15
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\8270LVI_14.m
 Limit Group: SV 8270D ICAL
 Last Update: 21-May-2015 13:04:03 Calib Date: 21-May-2015 00:13:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6008.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK005

First Level Reviewer: baig

Date: 20-May-2015 19:36:43

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.569	1.575	-0.006	91	1222214	24.0	23.9	
2 N-Nitrosodimethylamine	74	1.751	1.746	0.005	85	1651318	24.0	24.4	
3 Pyridine	79	1.769	1.769	0.000	78	3033085	24.0	24.9	
\$ 4 2-Fluorophenol	112	2.687	2.693	-0.006	91	2791986	24.0	24.9	
\$ 6 Phenol-d5	99	3.557	3.551	0.006	83	3117774	24.0	23.5	
8 Aniline	93	3.557	3.551	0.006	92	3964008	24.0	24.0	
7 Phenol	94	3.575	3.569	0.006	99	3664927	24.0	24.0	
9 Bis(2-chloroethyl)ether	93	3.634	3.622	0.012	91	2735105	24.0	24.3	
10 Benzonitrile	103	3.657	3.640	0.017	98	4936626	NC	NC	
11 2-Chlorophenol	128	3.681	3.675	0.006	89	2818117	24.0	24.3	
12 n-Decane	43	3.710	3.710	0.000	87	4519642	24.0	23.9	
13 1,3-Dichlorobenzene	146	3.816	3.816	0.000	94	2995373	24.0	23.5	
* 14 1,4-Dichlorobenzene-d4	152	3.875	3.875	0.000	97	610681	8.00	8.00	
15 1,4-Dichlorobenzene	146	3.893	3.893	-0.001	94	2976615	24.0	23.2	
16 Benzyl alcohol	108	4.040	4.028	0.012	69	1544116	24.0	24.5	
17 1,2-Dichlorobenzene	146	4.045	4.040	0.005	95	2659255	24.0	22.7	
19 2,2'-oxybis[1-chloropropan	45	4.169	4.163	0.006	90	5102082	24.0	23.1	
18 2-Methylphenol	108	4.169	4.169	0.000	78	2161092	24.0	22.3	
20 N-Methylaniline	106	4.287	4.281	0.006	78	3537435	NC	NC	
21 Acetophenone	105	4.304	4.293	0.011	91	2936953	24.0	22.5	
22 N-Nitrosodi-n-propylamine	70	4.310	4.298	0.012	93	1470007	24.0	22.4	
23 3 & 4 Methylphenol	108	4.340	4.328	0.012	1	2297735	24.0	22.9	
24 4-Methylphenol	108	4.340	4.328	0.012	59	2280890	24.0	23.0	
25 Hexachloroethane	117	4.381	4.381	0.000	93	1158273	24.0	22.8	
\$ 27 Nitrobenzene-d5	82	4.451	4.446	0.005	91	2402476	24.0	23.8	
29 n,n'-Dimethylaniline	120	4.469	4.463	0.006	89	3600649	24.0	23.0	
28 Nitrobenzene	77	4.475	4.463	0.012	90	3221437	24.0	23.4	
30 Isophorone	82	4.716	4.704	0.012	99	3859183	24.0	24.7	
32 2-Nitrophenol	139	4.787	4.781	0.006	88	1231007	24.0	24.6	
33 2,4-Dimethylphenol	122	4.863	4.857	0.006	91	1953036	24.0	23.7	
34 Bis(2-chloroethoxy)methane	93	4.945	4.940	0.005	96	2615763	24.0	24.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.034	4.993	0.041	88	1211641	24.0	24.7	
36 2,4-Dichlorophenol	162	5.051	5.045	0.006	94	1761801	24.0	23.7	
37 1,2,4-Trichlorobenzene	180	5.110	5.104	0.006	86	1994666	24.0	23.8	
* 38 Naphthalene-d8	136	5.163	5.163	0.000	89	2070883	8.00	8.00	
39 Naphthalene	128	5.187	5.181	0.006	99	6800179	24.0	23.6	
40 4-Chloroaniline	127	5.263	5.257	0.006	96	2590985	24.0	24.1	
41 Hexachlorobutadiene	225	5.316	5.310	0.006	92	1010349	24.0	23.1	
43 4-Chloro-3-methylphenol	107	5.781	5.781	0.000	98	1625974	24.0	25.0	
44 2-Methylnaphthalene	142	5.886	5.881	0.005	84	3988199	24.0	24.4	
45 1-Methylnaphthalene	142	5.981	5.981	0.000	91	3675399	24.0	24.3	
46 Hexachlorocyclopentadiene	237	6.039	6.040	-0.001	80	1064728	24.0	24.1	
47 1,2,4,5-Tetrachlorobenzene	216	6.051	6.051	0.000	95	1537589	24.0	22.1	
48 2-tertbutyl-4-methylphenol	149	6.122	6.116	0.006	92	2508157	24.0	25.3	
49 2,4,6-Trichlorophenol	196	6.181	6.181	0.000	84	993587	24.0	22.9	
50 2,4,5-Trichlorophenol	196	6.234	6.234	0.000	93	1066921	24.0	23.7	
\$ 51 2-Fluorobiphenyl	172	6.263	6.263	0.000	98	3927261	24.0	22.6	
52 1,1'-Biphenyl	154	6.363	6.357	0.006	94	4502535	24.0	22.8	
53 2-Chloronaphthalene	162	6.375	6.369	0.006	97	3400923	24.0	22.6	
54 Phenyl ether	170	6.469	6.469	0.000	87	2239749	24.0	23.0	
55 2-Nitroaniline	65	6.498	6.492	0.006	67	1085260	24.0	24.6	
57 1,3-Dimethylnaphthalene	156	6.592	6.587	0.005	93	2787460	24.0	23.1	
59 Dimethyl phthalate	163	6.686	6.681	0.005	97	3190877	24.0	24.2	
60 Coumarin	146	6.698	6.687	0.011	80	1110832	24.0	26.4	
61 2,6-Dinitrotoluene	165	6.745	6.739	0.006	21	771596	24.0	25.6	
62 Acenaphthylene	152	6.781	6.781	0.000	96	4902584	24.0	23.2	
63 3-Nitroaniline	138	6.910	6.904	0.006	92	903931	24.0	25.0	
* 64 Acenaphthene-d10	164	6.922	6.922	0.000	92	906521	8.00	8.00	
66 Acenaphthene	154	6.957	6.951	0.006	94	2983449	24.0	22.3	
65 3,5-di-tert-butyl-4-hydrox	205	6.957	6.957	0.000	78	2704568	24.0	23.3	
67 2,4-Dinitrophenol	184	7.016	7.004	0.012	61	962212	48.0	48.0	
70 Dibenzofuran	168	7.128	7.122	0.006	89	4172679	24.0	22.8	
69 2,4-Dinitrotoluene	165	7.133	7.128	0.005	68	900957	24.0	23.8	
68 4-Nitrophenol	65	7.133	7.134	-0.001	77	1290893	48.0	52.4	
72 2,3,4,6-Tetrachlorophenol	232	7.257	7.257	0.000	89	728692	24.0	24.7	
73 Diethyl phthalate	149	7.386	7.381	0.005	98	2899003	24.0	24.2	
75 Fluorene	166	7.463	7.463	0.000	84	3220961	24.0	23.4	
74 4-Chlorophenyl phenyl ethe	204	7.475	7.475	0.000	84	1468715	24.0	23.1	
76 4-Nitroaniline	138	7.522	7.510	0.012	64	763747	24.0	25.3	
77 4,6-Dinitro-2-methylphenol	198	7.539	7.528	0.011	89	1105022	48.0	53.4	
78 N-Nitrosodiphenylamine	169	7.598	7.592	0.006	68	2312318	24.0	23.6	
79 1,2-Diphenylhydrazine	77	7.633	7.628	0.005	97	3519479	24.0	22.8	
\$ 80 2,4,6-Tribromophenol	330	7.704	7.704	0.000	91	449598	24.0	25.5	
81 4-Bromophenyl phenyl ether	248	7.951	7.951	0.000	81	809089	24.0	23.6	
82 Hexachlorobenzene	284	7.998	7.992	0.006	87	922312	24.0	24.0	
84 Pentachlorophenol	266	8.210	8.204	0.006	87	1077200	48.0	51.0	
85 Pentachloronitrobenzene	237	8.210	8.210	0.000	53	328561	24.0	24.9	
86 n-Octadecane	57	8.304	8.298	0.006	87	3411485	24.0	24.8	
* 87 Phenanthrene-d10	188	8.380	8.381	-0.001	99	1228886	8.00	8.00	
88 Phenanthrene	178	8.410	8.404	0.006	97	4284444	24.0	23.1	
89 Anthracene	178	8.457	8.451	0.006	97	4480601	24.0	23.9	
90 Carbazole	167	8.633	8.628	0.005	82	3757172	24.0	23.9	
91 Di-n-butyl phthalate	149	8.986	8.981	0.005	100	4487240	24.0	25.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	9.569	9.569	0.000	97	3788225	24.0	24.7	
93 Benzidine	184	9.727	9.722	0.005	99	2161519	24.0	27.2	
94 Pyrene	202	9.792	9.786	0.006	97	3910123	24.0	23.3	
95 Bisphenol-A	213	9.874	9.875	-0.001	0	1347833	24.0	28.5	
\$ 96 Terphenyl-d14	244	9.957	9.957	0.000	97	2639220	24.0	24.1	
97 Butyl benzyl phthalate	149	10.474	10.469	0.005	97	1575873	24.0	24.9	
99 Carbamazepine	193	10.580	10.575	0.005	92	1198063	24.0	27.6	
100 3,3'-Dichlorobenzidine	252	11.051	11.045	0.006	77	1139154	24.0	26.5	
101 Benzo[a]anthracene	228	11.057	11.051	0.006	99	2978818	24.0	23.3	
* 102 Chrysene-d12	240	11.069	11.063	0.005	99	805322	8.00	8.00	
104 Chrysene	228	11.098	11.092	0.006	96	2955654	24.0	24.0	
103 Bis(2-ethylhexyl) phthalat	149	11.121	11.122	-0.001	89	2222794	24.0	26.6	
105 Di-n-octyl phthalate	149	11.945	11.939	0.006	98	3427597	24.0	25.4	
106 Benzo[b]fluoranthene	252	12.386	12.380	0.006	98	2777023	24.0	25.5	
107 Benzo[k]fluoranthene	252	12.421	12.416	0.005	98	3025208	24.0	25.4	
108 Benzo[a]pyrene	252	12.810	12.804	0.006	94	2834960	24.0	27.0	
* 109 Perylene-d12	264	12.880	12.880	0.000	97	767621	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.286	14.274	0.012	98	2758955	24.0	30.9	
111 Dibenz(a,h)anthracene	278	14.321	14.310	0.011	93	2875491	24.0	30.4	
112 Benzo[g,h,i]perylene	276	14.627	14.610	0.017	95	3212461	24.0	29.0	
S 119 Total Cresols	1				0			45.2	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_BNAL8_00006

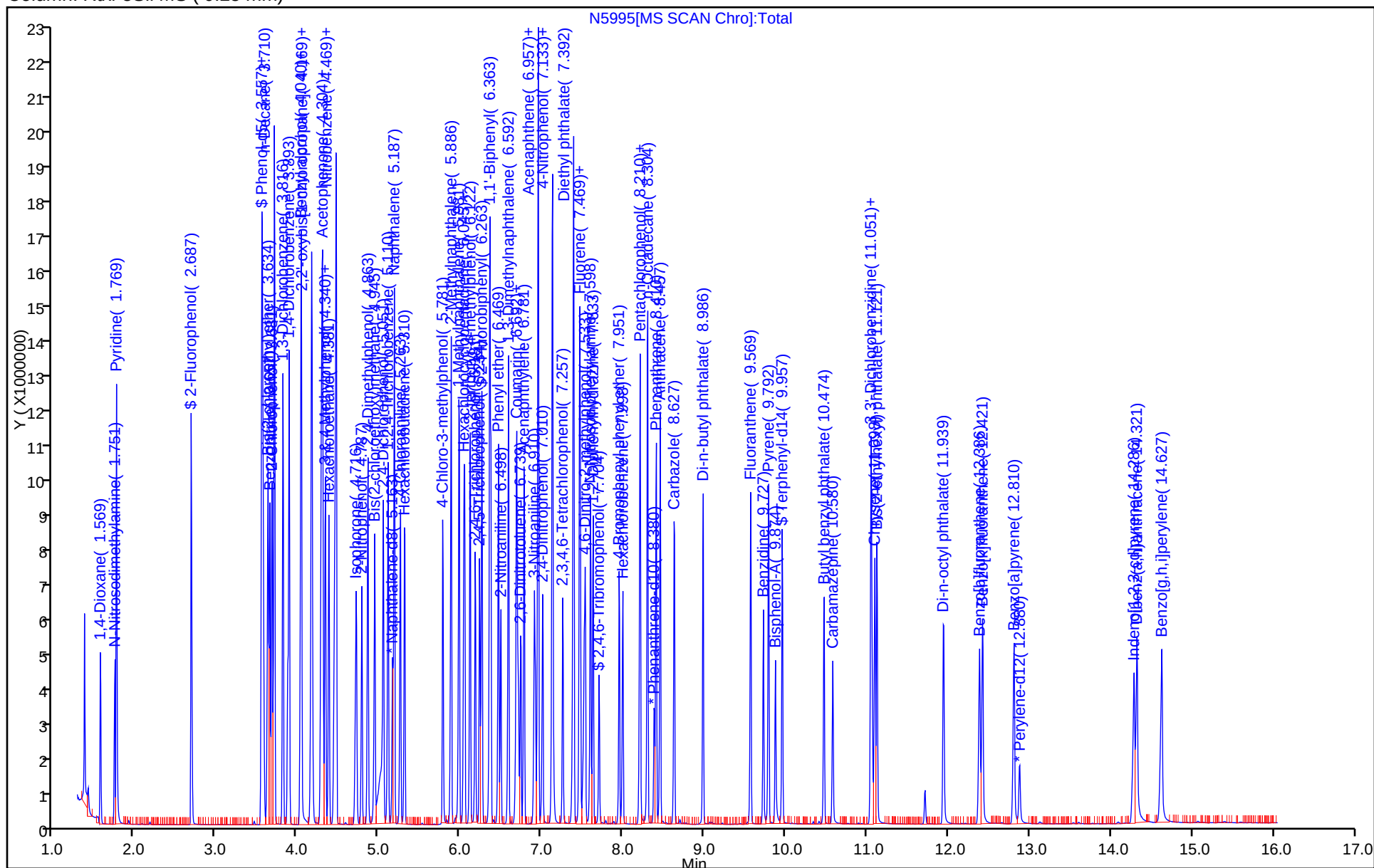
Amount Added: 1.00

Units: mL

Chrom Revision: 2.2 14-May-2015 11:41:56

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N5995.D		
Injection Date:	20-May-2015 18:57:30	Instrument ID:	CBNAMS14
Lims ID:	STD24		
Client ID:			
Injection Vol:	5.0 ul	Dil. Factor:	1.0000
Method:	8270LVI_14	Limit Group:	SV 8270D ICAL
Column:	Rtxi-5Sil MS (0.25 mm)		

ALS Bottle#: 3



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N5996.D
 Lims ID: STD16
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 20-May-2015 19:22:30 ALS Bottle#: 4 Worklist Smp#: 4
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027614-004
 Operator ID: Instrument ID: CBNAMS14
 Sublist: chrom-8270LVI_14*sub15
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\8270LVI_14.m
 Limit Group: SV 8270D ICAL
 Last Update: 21-May-2015 13:04:08 Calib Date: 21-May-2015 00:13:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6008.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK005

First Level Reviewer: bayoumiw

Date: 20-May-2015 21:52:42

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.581	1.575	0.006	94	904736	16.0	16.1	
2 N-Nitrosodimethylamine	74	1.751	1.746	0.005	84	1195463	16.0	16.1	
3 Pyridine	79	1.775	1.769	0.006	78	2227141	16.0	16.6	
\$ 4 2-Fluorophenol	112	2.693	2.693	0.000	93	2103575	16.0	17.1	
\$ 6 Phenol-d5	99	3.557	3.551	0.006	88	2340227	16.0	16.0	
8 Aniline	93	3.557	3.551	0.006	96	2862248	16.0	15.8	
7 Phenol	94	3.569	3.569	0.000	99	2701632	16.0	16.1	
9 Bis(2-chloroethyl)ether	93	3.628	3.622	0.006	93	1987093	16.0	16.1	
10 Benzonitrile	103	3.651	3.640	0.011	98	3499538	NC	NC	
11 2-Chlorophenol	128	3.681	3.675	0.006	94	2062246	16.0	16.2	
12 n-Decane	43	3.710	3.710	0.000	90	3359586	16.0	16.2	
13 1,3-Dichlorobenzene	146	3.816	3.816	0.000	95	2255127	16.0	16.1	
* 14 1,4-Dichlorobenzene-d4	152	3.875	3.875	0.000	97	671039	8.00	8.00	
15 1,4-Dichlorobenzene	146	3.892	3.893	-0.001	94	2272136	16.0	16.1	
16 Benzyl alcohol	108	4.034	4.028	0.006	94	1142922	16.0	16.5	
17 1,2-Dichlorobenzene	146	4.040	4.040	0.000	95	2063120	16.0	16.0	
19 2,2'-oxybis[1-chloropropan	45	4.169	4.163	0.006	90	3823580	16.0	15.7	
18 2-Methylphenol	108	4.169	4.169	0.000	84	1688717	16.0	15.9	
20 N-Methylaniline	106	4.287	4.281	0.006	79	2622566	NC	NC	
21 Acetophenone	105	4.298	4.293	0.005	96	2244556	16.0	15.7	
22 N-Nitrosodi-n-propylamine	70	4.304	4.298	0.006	94	1113627	16.0	15.4	
23 3 & 4 Methylphenol	108	4.334	4.328	0.006	68	1738379	16.0	15.7	
24 4-Methylphenol	108	4.334	4.328	0.006	94	1713949	16.0	15.7	
25 Hexachloroethane	117	4.381	4.381	0.000	95	902950	16.0	16.2	
\$ 27 Nitrobenzene-d5	82	4.445	4.446	-0.001	91	1866433	16.0	17.1	
29 n,n'-Dimethylaniline	120	4.469	4.463	0.006	93	2636528	16.0	15.3	
28 Nitrobenzene	77	4.469	4.463	0.006	89	2417273	16.0	16.2	
30 Isophorone	82	4.710	4.704	0.006	99	2808524	16.0	16.6	
32 2-Nitrophenol	139	4.787	4.781	0.006	93	913051	16.0	16.9	
33 2,4-Dimethylphenol	122	4.857	4.857	0.000	92	1444819	16.0	16.2	
34 Bis(2-chloroethoxy)methane	93	4.945	4.940	0.005	97	1905199	16.0	16.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.010	4.993	0.017	89	860398	16.0	16.4	
36 2,4-Dichlorophenol	162	5.051	5.045	0.006	95	1311222	16.0	16.3	
37 1,2,4-Trichlorobenzene	180	5.110	5.104	0.006	94	1498342	16.0	16.5	
* 38 Naphthalene-d8	136	5.163	5.163	0.000	99	2240541	8.00	8.00	
39 Naphthalene	128	5.187	5.181	0.005	99	4962553	16.0	15.9	
40 4-Chloroaniline	127	5.257	5.257	0.000	96	1885324	16.0	16.2	
41 Hexachlorobutadiene	225	5.310	5.310	0.000	95	759952	16.0	16.1	
43 4-Chloro-3-methylphenol	107	5.781	5.781	0.000	98	1157154	16.0	16.4	
44 2-Methylnaphthalene	142	5.886	5.881	0.005	87	2902862	16.0	16.4	
45 1-Methylnaphthalene	142	5.981	5.981	0.000	94	2692232	16.0	16.5	
46 Hexachlorocyclopentadiene	237	6.039	6.040	-0.001	95	795098	16.0	17.0	
47 1,2,4,5-Tetrachlorobenzene	216	6.051	6.051	0.000	96	1134396	16.0	15.4	
48 2-tertbutyl-4-methylphenol	149	6.116	6.116	0.000	91	1792042	16.0	16.7	
49 2,4,6-Trichlorophenol	196	6.181	6.181	0.000	87	737222	16.0	16.0	
50 2,4,5-Trichlorophenol	196	6.234	6.234	0.000	95	757049	16.0	15.8	
\$ 51 2-Fluorobiphenyl	172	6.263	6.263	0.000	98	2933750	16.0	15.9	
52 1,1'-Biphenyl	154	6.357	6.357	0.000	95	3264278	16.0	15.6	
53 2-Chloronaphthalene	162	6.369	6.369	0.000	97	2491810	16.0	15.6	
54 Phenyl ether	170	6.469	6.469	0.000	88	1598973	16.0	15.5	
55 2-Nitroaniline	65	6.492	6.492	0.000	97	761064	16.0	16.3	
57 1,3-Dimethylnaphthalene	156	6.592	6.587	0.005	94	1999381	16.0	15.7	
59 Dimethyl phthalate	163	6.686	6.681	0.005	99	2265878	16.0	16.2	
60 Coumarin	146	6.692	6.687	0.005	80	768180	16.0	16.9	
61 2,6-Dinitrotoluene	165	6.739	6.739	0.000	95	547826	16.0	17.1	
62 Acenaphthylene	152	6.781	6.781	0.000	98	3609490	16.0	16.1	
63 3-Nitroaniline	138	6.904	6.904	0.000	92	644545	16.0	16.8	
* 64 Acenaphthene-d10	164	6.922	6.922	0.000	92	960317	8.00	8.00	
66 Acenaphthene	154	6.951	6.951	0.000	94	2231987	16.0	15.7	
65 3,5-di-tert-butyl-4-hydrox	205	6.957	6.957	0.000	99	1956337	16.0	15.9	
67 2,4-Dinitrophenol	184	7.010	7.004	0.006	94	663806	32.0	31.9	
70 Dibenzofuran	168	7.128	7.122	0.006	97	3048337	16.0	15.7	
69 2,4-Dinitrotoluene	165	7.133	7.128	0.005	90	658957	16.0	16.4	
68 4-Nitrophenol	65	7.133	7.134	-0.001	83	899445	32.0	34.5	
72 2,3,4,6-Tetrachlorophenol	232	7.257	7.257	0.000	93	524981	16.0	16.8	
73 Diethyl phthalate	149	7.380	7.381	-0.001	98	2098351	16.0	16.6	
75 Fluorene	166	7.463	7.463	0.000	96	2346623	16.0	16.1	
74 4-Chlorophenyl phenyl ethe	204	7.475	7.475	0.000	86	1081731	16.0	16.1	
76 4-Nitroaniline	138	7.516	7.510	0.006	93	553173	16.0	17.3	
77 4,6-Dinitro-2-methylphenol	198	7.533	7.528	0.005	85	788873	32.0	37.5	
78 N-Nitrosodiphenylamine	169	7.598	7.592	0.006	66	1599444	16.0	16.0	
79 1,2-Diphenylhydrazine	77	7.628	7.628	0.000	99	2565961	16.0	16.3	
\$ 80 2,4,6-Tribromophenol	330	7.704	7.704	0.000	94	328400	16.0	17.6	
81 4-Bromophenyl phenyl ether	248	7.951	7.951	0.000	85	573116	16.0	16.4	
82 Hexachlorobenzene	284	7.998	7.992	0.006	97	650219	16.0	16.6	
84 Pentachlorophenol	266	8.210	8.204	0.006	92	766142	32.0	35.6	
85 Pentachloronitrobenzene	237	8.210	8.210	0.000	54	228542	16.0	17.0	
86 n-Octadecane	57	8.298	8.298	0.000	88	2425340	16.0	17.3	
* 87 Phenanthrene-d10	188	8.380	8.381	-0.001	99	1250517	8.00	8.00	
88 Phenanthrene	178	8.404	8.404	0.000	97	3100412	16.0	16.5	
89 Anthracene	178	8.457	8.451	0.006	98	3143296	16.0	16.5	
90 Carbazole	167	8.627	8.628	-0.001	95	2662700	16.0	16.6	
91 Di-n-butyl phthalate	149	8.980	8.981	-0.001	100	3112177	16.0	17.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	9.569	9.569	0.000	98	2617160	16.0	16.8	
93 Benzidine	184	9.722	9.722	0.000	100	1392725	16.0	17.2	
94 Pyrene	202	9.786	9.786	0.000	97	2730929	16.0	16.6	
95 Bisphenol-A	213	9.874	9.875	-0.001	0	856267	16.0	18.5	
\$ 96 Terphenyl-d14	244	9.957	9.957	0.000	99	1900203	16.0	17.7	
97 Butyl benzyl phthalate	149	10.469	10.469	0.000	98	1080621	16.0	17.5	
99 Carbamazepine	193	10.574	10.575	-0.001	93	777885	16.0	18.4	
100 3,3'-Dichlorobenzidine	252	11.045	11.045	0.000	99	741656	16.0	17.7	
101 Benzo[a]anthracene	228	11.051	11.051	0.000	99	2066318	16.0	16.5	
* 102 Chrysene-d12	240	11.063	11.063	0.000	98	786320	8.00	8.00	
104 Chrysene	228	11.092	11.092	0.000	99	1990642	16.0	16.6	
103 Bis(2-ethylhexyl) phthalat	149	11.121	11.122	-0.001	91	1525004	16.0	18.7	
105 Di-n-octyl phthalate	149	11.939	11.939	0.000	97	2293755	16.0	17.7	
106 Benzo[b]fluoranthene	252	12.380	12.380	0.000	99	1759946	16.0	16.9	
107 Benzo[k]fluoranthene	252	12.415	12.416	-0.001	99	2073914	16.0	18.1	
108 Benzo[a]pyrene	252	12.804	12.804	0.000	97	1783310	16.0	17.7	
* 109 Perylene-d12	264	12.880	12.880	0.000	97	736476	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.280	14.274	0.006	98	1539554	16.0	18.0	
111 Dibenz(a,h)anthracene	278	14.315	14.310	0.005	97	1756009	16.0	19.3	
112 Benzo[g,h,i]perylene	276	14.615	14.610	0.005	97	1907976	16.0	17.9	
S 119 Total Cresols	1				0			31.6	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_BNAL7_00006

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N5996.D

Injection Date: 20-May-2015 19:22:30

Instrument ID: CBNAMS14

Operator ID:

Lims ID: STD16

Worklist Smp#: 4

Client ID:

Injection Vol: 5.0 ul

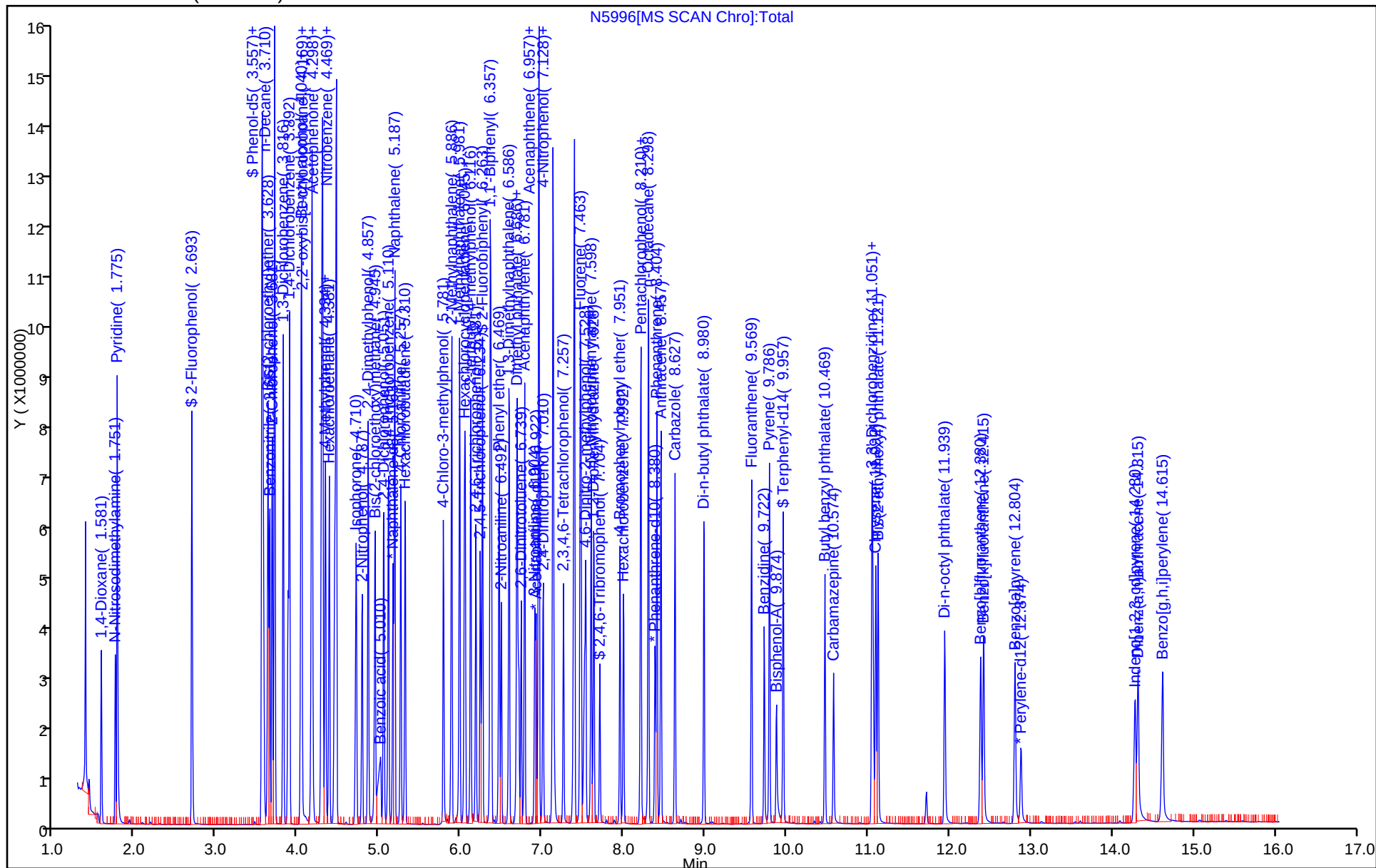
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8270LVI_14

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N5997.D
 Lims ID: STD4
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 20-May-2015 19:46:30 ALS Bottle#: 5 Worklist Smp#: 5
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027614-005
 Operator ID: Instrument ID: CBNAMS14
 Sublist: chrom-8270LVI_14*sub15
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\8270LVI_14.m
 Limit Group: SV 8270D ICAL
 Last Update: 21-May-2015 13:04:14 Calib Date: 21-May-2015 00:13:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6008.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK005

First Level Reviewer: bayoumiw

Date: 20-May-2015 21:53:19

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.593	1.575	0.018	93	258045	4.00	4.04	
2 N-Nitrosodimethylamine	74	1.763	1.746	0.017	85	345242	4.00	4.07	
3 Pyridine	79	1.787	1.769	0.018	78	610552	4.00	4.00	
\$ 4 2-Fluorophenol	112	2.698	2.693	0.005	93	535458	4.00	3.82	
\$ 6 Phenol-d5	99	3.551	3.551	0.000	87	645439	4.00	3.88	
8 Aniline	93	3.551	3.551	0.000	97	804036	4.00	3.90	
7 Phenol	94	3.563	3.569	-0.006	98	745101	4.00	3.90	
9 Bis(2-chloroethyl)ether	93	3.616	3.622	-0.006	94	545968	4.00	3.88	
10 Benzonitrile	103	3.634	3.640	-0.006	98	1022681	NC	NC	
11 2-Chlorophenol	128	3.675	3.675	0.000	94	567985	4.00	3.92	
12 n-Decane	43	3.710	3.710	0.000	91	946843	4.00	4.00	
13 1,3-Dichlorobenzene	146	3.810	3.816	-0.006	96	640201	4.00	4.02	
* 14 1,4-Dichlorobenzene-d4	152	3.875	3.875	0.000	97	764134	8.00	8.00	
15 1,4-Dichlorobenzene	146	3.887	3.893	-0.006	94	648556	4.00	4.04	
16 Benzyl alcohol	108	4.028	4.028	0.000	94	298080	4.00	3.78	
17 1,2-Dichlorobenzene	146	4.040	4.040	0.000	95	584985	4.00	3.99	
19 2,2'-oxybis[1-chloropropan	45	4.163	4.163	0.000	89	1083395	4.00	3.91	
18 2-Methylphenol	108	4.163	4.169	-0.006	82	495538	4.00	4.09	
20 N-Methylaniline	106	4.281	4.281	0.000	79	791619	NC	NC	
21 Acetophenone	105	4.287	4.293	-0.006	93	641610	4.00	3.94	
22 N-Nitrosodi-n-propylamine	70	4.292	4.298	-0.006	94	317272	4.00	3.86	
23 3 & 4 Methylphenol	108	4.328	4.328	0.000	68	504580	4.00	4.01	
24 4-Methylphenol	108	4.328	4.328	0.000	94	494283	4.00	3.98	
25 Hexachloroethane	117	4.375	4.381	-0.006	96	259638	4.00	4.09	
\$ 27 Nitrobenzene-d5	82	4.440	4.446	-0.006	90	516868	4.00	3.97	
29 n,n'-Dimethylaniline	120	4.457	4.463	-0.006	86	846210	4.00	4.31	
28 Nitrobenzene	77	4.457	4.463	-0.006	83	724000	4.00	4.08	
30 Isophorone	82	4.698	4.704	-0.006	99	757726	4.00	3.78	
32 2-Nitrophenol	139	4.781	4.781	0.000	90	250370	4.00	3.89	
33 2,4-Dimethylphenol	122	4.857	4.857	0.000	93	421868	4.00	3.97	
34 Bis(2-chloroethoxy)methane	93	4.939	4.940	-0.001	97	528118	4.00	3.85	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	4.957	4.993	-0.036	90	217944	4.00	3.93	
36 2,4-Dichlorophenol	162	5.045	5.045	0.000	95	379340	4.00	3.96	
37 1,2,4-Trichlorobenzene	180	5.104	5.104	0.000	95	432876	4.00	4.01	
* 38 Naphthalene-d8	136	5.163	5.163	0.000	99	2665120	8.00	8.00	
39 Naphthalene	128	5.181	5.181	0.000	99	1464120	4.00	3.95	
40 4-Chloroaniline	127	5.251	5.257	-0.006	96	530840	4.00	3.84	
41 Hexachlorobutadiene	225	5.310	5.310	0.000	95	227479	4.00	4.04	
43 4-Chloro-3-methylphenol	107	5.781	5.781	0.000	98	314803	4.00	3.76	
44 2-Methylnaphthalene	142	5.881	5.881	0.000	85	805740	4.00	3.83	
45 1-Methylnaphthalene	142	5.981	5.981	0.000	94	759573	4.00	3.91	
46 Hexachlorocyclopentadiene	237	6.039	6.040	-0.001	95	202523	4.00	3.90	
47 1,2,4,5-Tetrachlorobenzene	216	6.045	6.051	-0.006	96	331303	4.00	4.04	
48 2-tertbutyl-4-methylphenol	149	6.116	6.116	0.000	91	503600	4.00	3.95	
49 2,4,6-Trichlorophenol	196	6.181	6.181	0.000	88	198006	4.00	3.87	
50 2,4,5-Trichlorophenol	196	6.234	6.234	0.000	95	202178	4.00	3.81	
\$ 51 2-Fluorobiphenyl	172	6.257	6.263	-0.006	98	760671	4.00	3.71	
52 1,1'-Biphenyl	154	6.351	6.357	-0.006	95	909761	4.00	3.92	
53 2-Chloronaphthalene	162	6.363	6.369	-0.006	99	694192	4.00	3.91	
54 Phenyl ether	170	6.463	6.469	-0.006	88	465686	4.00	4.06	
55 2-Nitroaniline	65	6.486	6.492	-0.006	96	200280	4.00	3.85	
57 1,3-Dimethylnaphthalene	156	6.586	6.587	-0.001	93	577756	4.00	4.07	
59 Dimethyl phthalate	163	6.675	6.681	-0.006	99	577267	4.00	3.71	
60 Coumarin	146	6.686	6.687	-0.001	82	209377	4.00	3.86	
61 2,6-Dinitrotoluene	165	6.733	6.739	-0.006	95	137188	4.00	3.86	
62 Acenaphthylene	152	6.775	6.781	-0.006	97	965330	4.00	3.88	
63 3-Nitroaniline	138	6.898	6.904	-0.006	92	160215	4.00	3.75	
* 64 Acenaphthene-d10	164	6.916	6.922	-0.006	92	1068001	8.00	8.00	
66 Acenaphthene	154	6.951	6.951	0.000	94	622027	4.00	3.94	
65 3,5-di-tert-butyl-4-hydrox	205	6.951	6.957	-0.006	99	557784	4.00	4.07	
67 2,4-Dinitrophenol	184	6.998	7.004	-0.006	93	131404	8.00	6.99	
70 Dibenzofuran	168	7.122	7.122	0.000	98	837491	4.00	3.88	
69 2,4-Dinitrotoluene	165	7.122	7.128	-0.006	93	163533	4.00	3.74	
68 4-Nitrophenol	65	7.139	7.134	0.005	94	220233	8.00	7.59	
72 2,3,4,6-Tetrachlorophenol	232	7.257	7.257	0.000	92	129524	4.00	3.73	
73 Diethyl phthalate	149	7.375	7.381	-0.006	98	521883	4.00	3.70	
75 Fluorene	166	7.457	7.463	-0.006	96	619155	4.00	3.81	
74 4-Chlorophenyl phenyl ethe	204	7.469	7.475	-0.006	87	291626	4.00	3.90	
76 4-Nitroaniline	138	7.498	7.510	-0.012	92	127530	4.00	3.59	
77 4,6-Dinitro-2-methylphenol	198	7.522	7.528	-0.006	84	166068	8.00	7.72	
78 N-Nitrosodiphenylamine	169	7.592	7.592	0.000	71	412219	4.00	4.04	
79 1,2-Diphenylhydrazine	77	7.622	7.628	-0.006	99	661733	4.00	4.12	
\$ 80 2,4,6-Tribromophenol	330	7.698	7.704	-0.006	92	72314	4.00	3.48	
81 4-Bromophenyl phenyl ether	248	7.951	7.951	0.000	89	144788	4.00	4.06	
82 Hexachlorobenzene	284	7.992	7.992	0.000	96	164184	4.00	4.11	
84 Pentachlorophenol	266	8.204	8.204	0.000	90	172774	8.00	7.87	
85 Pentachloronitrobenzene	237	8.204	8.210	-0.006	58	56554	4.00	4.13	
86 n-Octadecane	57	8.298	8.298	0.000	89	568254	4.00	3.97	
* 87 Phenanthrene-d10	188	8.380	8.381	-0.001	99	1277508	8.00	8.00	
88 Phenanthrene	178	8.398	8.404	-0.006	98	757248	4.00	3.94	
89 Anthracene	178	8.451	8.451	0.000	98	786013	4.00	4.04	
90 Carbazole	167	8.622	8.628	-0.006	95	623226	4.00	3.81	
91 Di-n-butyl phthalate	149	8.980	8.981	-0.001	100	675934	4.00	3.65	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	9.563	9.569	-0.006	97	591543	4.00	3.71	
93 Benzidine	184	9.722	9.722	0.000	100	334599	4.00	4.05	
94 Pyrene	202	9.786	9.786	0.000	97	605715	4.00	3.98	
95 Bisphenol-A	213	9.874	9.875	-0.001	0	136282	4.00	3.18	
\$ 96 Terphenyl-d14	244	9.957	9.957	0.000	99	384921	4.00	3.88	
97 Butyl benzyl phthalate	149	10.469	10.469	0.000	98	224413	4.00	3.93	
99 Carbamazepine	193	10.569	10.575	-0.006	93	169920	4.00	4.33	
100 3,3'-Dichlorobenzidine	252	11.039	11.045	-0.006	98	169902	4.00	4.38	
101 Benzo[a]anthracene	228	11.045	11.051	-0.006	99	442354	4.00	3.82	
* 102 Chrysene-d12	240	11.057	11.063	-0.006	98	728611	8.00	8.00	
104 Chrysene	228	11.086	11.092	-0.006	98	432377	4.00	3.88	
103 Bis(2-ethylhexyl) phthalat	149	11.121	11.122	-0.001	91	298737	4.00	3.95	
105 Di-n-octyl phthalate	149	11.933	11.939	-0.006	97	457289	4.00	3.87	
106 Benzo[b]fluoranthene	252	12.374	12.380	-0.006	98	378011	4.00	3.98	
107 Benzo[k]fluoranthene	252	12.410	12.416	-0.006	99	443781	4.00	4.26	
108 Benzo[a]pyrene	252	12.798	12.804	-0.006	96	369496	4.00	4.02	
* 109 Perylene-d12	264	12.874	12.880	-0.006	97	670933	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.262	14.274	-0.012	98	305814	4.00	3.92	
111 Dibenz(a,h)anthracene	278	14.304	14.310	-0.006	97	319068	4.00	3.85	
112 Benzo[g,h,i]perylene	276	14.598	14.610	-0.012	96	374034	4.00	3.86	
S 119 Total Cresols	1				0			8.10	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

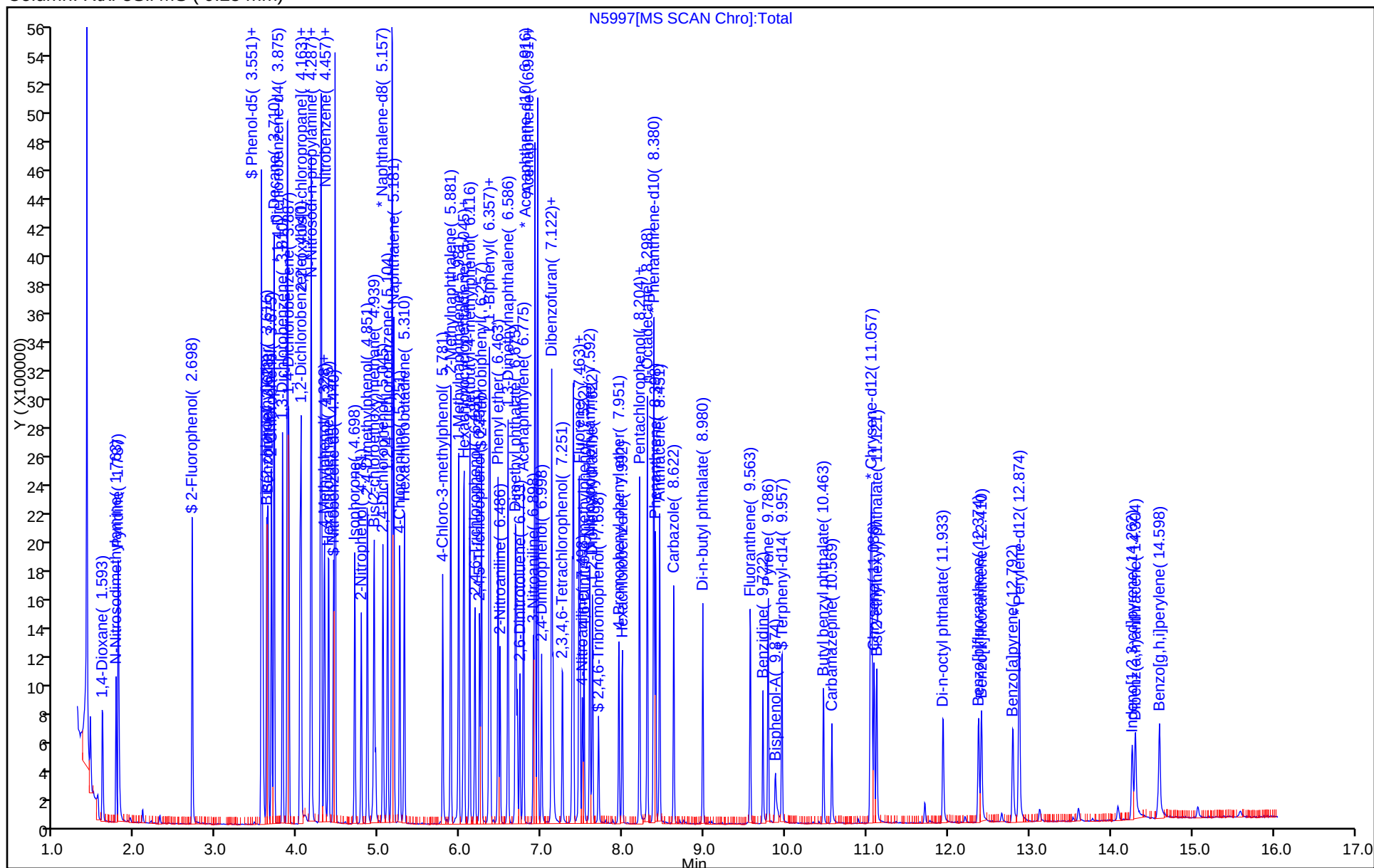
SM_BNAL5_00014

Amount Added: 1.00

Units: mL

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N5997.D		
Injection Date:	20-May-2015 19:46:30	Instrument ID:	CBNAMS14
Lims ID:	STD4		
Client ID:			
Injection Vol:	5.0 ul	Dil. Factor:	1.0000
Method:	8270LVI_14	Limit Group:	SV 8270D ICAL
Column:	Rtxi-5Sil MS (0.25 mm)		

ALS Bottle#: 5



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N5998.D
 Lims ID: STD2
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 20-May-2015 20:10:30 ALS Bottle#: 6 Worklist Smp#: 6
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027614-006
 Operator ID: Instrument ID: CBNAMS14
 Sublist: chrom-8270LVI_14*sub15
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\8270LVI_14.m
 Limit Group: SV 8270D ICAL
 Last Update: 21-May-2015 13:04:20 Calib Date: 21-May-2015 00:13:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6008.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK005

First Level Reviewer: bayoumiw

Date: 20-May-2015 21:53:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.598	1.575	0.023	94	130705	2.00	1.99	
2 N-Nitrosodimethylamine	74	1.763	1.746	0.017	85	177157	2.00	2.03	
3 Pyridine	79	1.793	1.769	0.024	78	316576	2.00	2.01	
\$ 4 2-Fluorophenol	112	2.698	2.693	0.005	93	285890	2.00	1.98	
\$ 6 Phenol-d5	99	3.551	3.551	0.000	94	345426	2.00	2.02	
8 Aniline	93	3.545	3.551	-0.006	97	432994	2.00	2.04	
7 Phenol	94	3.563	3.569	-0.006	99	388155	2.00	1.97	
9 Bis(2-chloroethyl)ether	93	3.610	3.622	-0.012	93	289156	2.00	1.99	
10 Benzonitrile	103	3.628	3.640	-0.012	98	500411	NC	NC	
11 2-Chlorophenol	128	3.675	3.675	0.000	95	295524	2.00	1.98	
12 n-Decane	43	3.704	3.710	-0.006	91	467694	2.00	1.92	
13 1,3-Dichlorobenzene	146	3.810	3.816	-0.006	95	326894	2.00	1.99	
* 14 1,4-Dichlorobenzene-d4	152	3.869	3.875	-0.006	98	787064	8.00	8.00	
15 1,4-Dichlorobenzene	146	3.887	3.893	-0.006	97	342420	2.00	2.07	
16 Benzyl alcohol	108	4.022	4.028	-0.006	93	161139	2.00	1.99	
17 1,2-Dichlorobenzene	146	4.040	4.040	0.000	95	308672	2.00	2.05	
19 2,2'-oxybis[1-chloropropan	45	4.157	4.163	-0.006	94	576400	2.00	2.02	
18 2-Methylphenol	108	4.163	4.169	-0.006	84	255784	2.00	2.05	
20 N-Methylaniline	106	4.275	4.281	-0.006	78	390958	NC	NC	
21 Acetophenone	105	4.287	4.293	-0.006	92	355611	2.00	2.12	
22 N-Nitrosodi-n-propylamine	70	4.287	4.298	-0.011	94	172794	2.00	2.04	
23 3 & 4 Methylphenol	108	4.328	4.328	0.000	69	265940	2.00	2.05	
24 4-Methylphenol	108	4.328	4.328	0.000	95	263692	2.00	2.06	
25 Hexachloroethane	117	4.375	4.381	-0.006	95	133862	2.00	2.05	
\$ 27 Nitrobenzene-d5	82	4.434	4.446	-0.012	92	270914	2.00	1.96	
29 n,n'-Dimethylaniline	120	4.457	4.463	-0.006	83	399549	2.00	1.98	
28 Nitrobenzene	77	4.457	4.463	-0.006	87	376615	2.00	2.00	
30 Isophorone	82	4.698	4.704	-0.006	99	422803	2.00	1.99	
32 2-Nitrophenol	139	4.781	4.781	0.000	93	136550	2.00	2.00	
33 2,4-Dimethylphenol	122	4.851	4.857	-0.006	92	228202	2.00	2.03	
34 Bis(2-chloroethoxy)methane	93	4.934	4.940	-0.006	97	287103	2.00	1.97	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	4.939	4.993	-0.054	39	91286	2.00	1.89	
36 2,4-Dichlorophenol	162	5.045	5.045	0.000	94	205699	2.00	2.02	
37 1,2,4-Trichlorobenzene	180	5.104	5.104	0.000	94	235496	2.00	2.06	
* 38 Naphthalene-d8	136	5.157	5.163	-0.006	99	2826584	8.00	8.00	
39 Naphthalene	128	5.181	5.181	0.000	99	810881	2.00	2.07	
40 4-Chloroaniline	127	5.251	5.257	-0.006	96	296908	2.00	2.02	
41 Hexachlorobutadiene	225	5.310	5.310	0.000	93	119668	2.00	2.00	
43 4-Chloro-3-methylphenol	107	5.781	5.781	0.000	98	173526	2.00	1.95	
44 2-Methylnaphthalene	142	5.881	5.881	0.000	86	456034	2.00	2.05	
45 1-Methylnaphthalene	142	5.975	5.981	-0.006	93	404893	2.00	1.96	
46 Hexachlorocyclopentadiene	237	6.039	6.040	-0.001	95	107692	2.00	1.91	
47 1,2,4,5-Tetrachlorobenzene	216	6.045	6.051	-0.006	95	178853	2.00	2.01	
48 2-tertbutyl-4-methylphenol	149	6.116	6.116	0.000	92	262351	2.00	1.94	
49 2,4,6-Trichlorophenol	196	6.181	6.181	0.000	86	104874	2.00	1.88	
50 2,4,5-Trichlorophenol	196	6.239	6.234	0.005	94	107329	2.00	1.86	
\$ 51 2-Fluorobiphenyl	172	6.257	6.263	-0.006	98	435359	2.00	1.95	
52 1,1'-Biphenyl	154	6.351	6.357	-0.006	96	501608	2.00	1.98	
53 2-Chloronaphthalene	162	6.363	6.369	-0.006	97	387654	2.00	2.01	
54 Phenyl ether	170	6.463	6.469	-0.006	88	237955	2.00	1.91	
55 2-Nitroaniline	65	6.486	6.492	-0.006	96	113507	2.00	2.00	
57 1,3-Dimethylnaphthalene	156	6.586	6.587	-0.001	93	289038	2.00	1.87	
59 Dimethyl phthalate	163	6.675	6.681	-0.006	99	330906	2.00	1.95	
60 Coumarin	146	6.681	6.687	-0.007	80	107511	2.00	1.87	
61 2,6-Dinitrotoluene	165	6.728	6.739	-0.011	94	77254	2.00	2.00	
62 Acenaphthylene	152	6.775	6.781	-0.006	98	535088	2.00	1.97	
63 3-Nitroaniline	138	6.898	6.904	-0.006	94	88126	2.00	1.90	
* 64 Acenaphthene-d10	164	6.916	6.922	-0.006	93	1162132	8.00	8.00	
66 Acenaphthene	154	6.945	6.951	-0.006	95	338315	2.00	1.97	
65 3,5-di-tert-butyl-4-hydrox	205	6.951	6.957	-0.006	99	287989	2.00	1.93	
67 2,4-Dinitrophenol	184	6.998	7.004	-0.006	94	66264	4.00	4.06	
70 Dibenzofuran	168	7.122	7.122	0.000	97	473677	2.00	2.02	
69 2,4-Dinitrotoluene	165	7.122	7.128	-0.006	91	91334	2.00	1.96	
68 4-Nitrophenol	65	7.139	7.134	0.005	93	114412	4.00	3.62	
72 2,3,4,6-Tetrachlorophenol	232	7.257	7.257	0.000	92	72798	2.00	1.93	
73 Diethyl phthalate	149	7.375	7.381	-0.006	99	303421	2.00	1.98	
75 Fluorene	166	7.457	7.463	-0.006	96	352081	2.00	1.99	
74 4-Chlorophenyl phenyl ethe	204	7.469	7.475	-0.006	86	161514	2.00	1.98	
76 4-Nitroaniline	138	7.498	7.510	-0.012	91	76930	2.00	1.99	
77 4,6-Dinitro-2-methylphenol	198	7.522	7.528	-0.006	84	93417	4.00	3.71	
78 N-Nitrosodiphenylamine	169	7.592	7.592	0.000	67	230325	2.00	1.93	
79 1,2-Diphenylhydrazine	77	7.622	7.628	-0.006	98	370440	2.00	1.97	
\$ 80 2,4,6-Tribromophenol	330	7.698	7.704	-0.006	93	47020	2.00	2.08	
81 4-Bromophenyl phenyl ether	248	7.951	7.951	0.000	87	79528	2.00	1.90	
82 Hexachlorobenzene	284	7.992	7.992	0.000	98	93398	2.00	2.00	
84 Pentachlorophenol	266	8.204	8.204	0.000	90	95504	4.00	3.72	
85 Pentachloronitrobenzene	237	8.204	8.210	-0.006	57	29263	2.00	1.83	
86 n-Octadecane	57	8.298	8.298	0.000	90	309096	2.00	1.85	
* 87 Phenanthrene-d10	188	8.380	8.381	-0.001	99	1494867	8.00	8.00	
88 Phenanthrene	178	8.398	8.404	-0.006	98	448355	2.00	1.99	
89 Anthracene	178	8.451	8.451	0.000	98	448478	2.00	1.97	
90 Carbazole	167	8.622	8.628	-0.006	95	387637	2.00	2.03	
91 Di-n-butyl phthalate	149	8.980	8.981	-0.001	100	433645	2.00	2.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	9.563	9.569	-0.006	97	378826	2.00	2.03	
93 Benzidine	184	9.721	9.722	-0.001	100	175857	2.00	1.82	
94 Pyrene	202	9.786	9.786	0.000	97	397443	2.00	1.99	
95 Bisphenol-A	213	9.880	9.875	0.005	0	110036	2.00	1.96	
\$ 96 Terphenyl-d14	244	9.951	9.957	-0.006	99	260754	2.00	2.00	
97 Butyl benzyl phthalate	149	10.463	10.469	-0.006	97	146339	2.00	1.95	
99 Carbamazepine	193	10.568	10.575	-0.007	93	81282	2.00	1.58	
100 3,3'-Dichlorobenzidine	252	11.045	11.045	0.000	98	94735	2.00	1.86	
101 Benzo[a]anthracene	228	11.045	11.051	-0.006	99	293228	2.00	1.93	
* 102 Chrysene-d12	240	11.057	11.063	-0.006	99	955752	8.00	8.00	
104 Chrysene	228	11.086	11.092	-0.006	99	293090	2.00	2.01	
103 Bis(2-ethylhexyl) phthalat	149	11.121	11.122	-0.001	91	194363	2.00	1.96	
105 Di-n-octyl phthalate	149	11.939	11.939	0.000	97	269159	2.00	1.96	
106 Benzo[b]fluoranthene	252	12.368	12.380	-0.012	99	223601	2.00	2.02	
107 Benzo[k]fluoranthene	252	12.410	12.416	-0.006	98	246765	2.00	2.04	
108 Benzo[a]pyrene	252	12.792	12.804	-0.012	96	211743	2.00	1.98	
* 109 Perylene-d12	264	12.874	12.880	-0.006	97	779917	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.262	14.274	-0.012	98	154781	2.00	1.71	
111 Dibenz(a,h)anthracene	278	14.304	14.310	-0.006	97	177294	2.00	1.84	
112 Benzo[g,h,i]perylene	276	14.598	14.610	-0.012	97	182118	2.00	1.62	
S 119 Total Cresols	1				0			4.10	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_BNAL4_00026

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N5998.D

Injection Date: 20-May-2015 20:10:30

Instrument ID: CBNAMS14

Operator ID:

Lims ID: STD2

Worklist Smp#: 6

Client ID:

Injection Vol: 5.0 ul

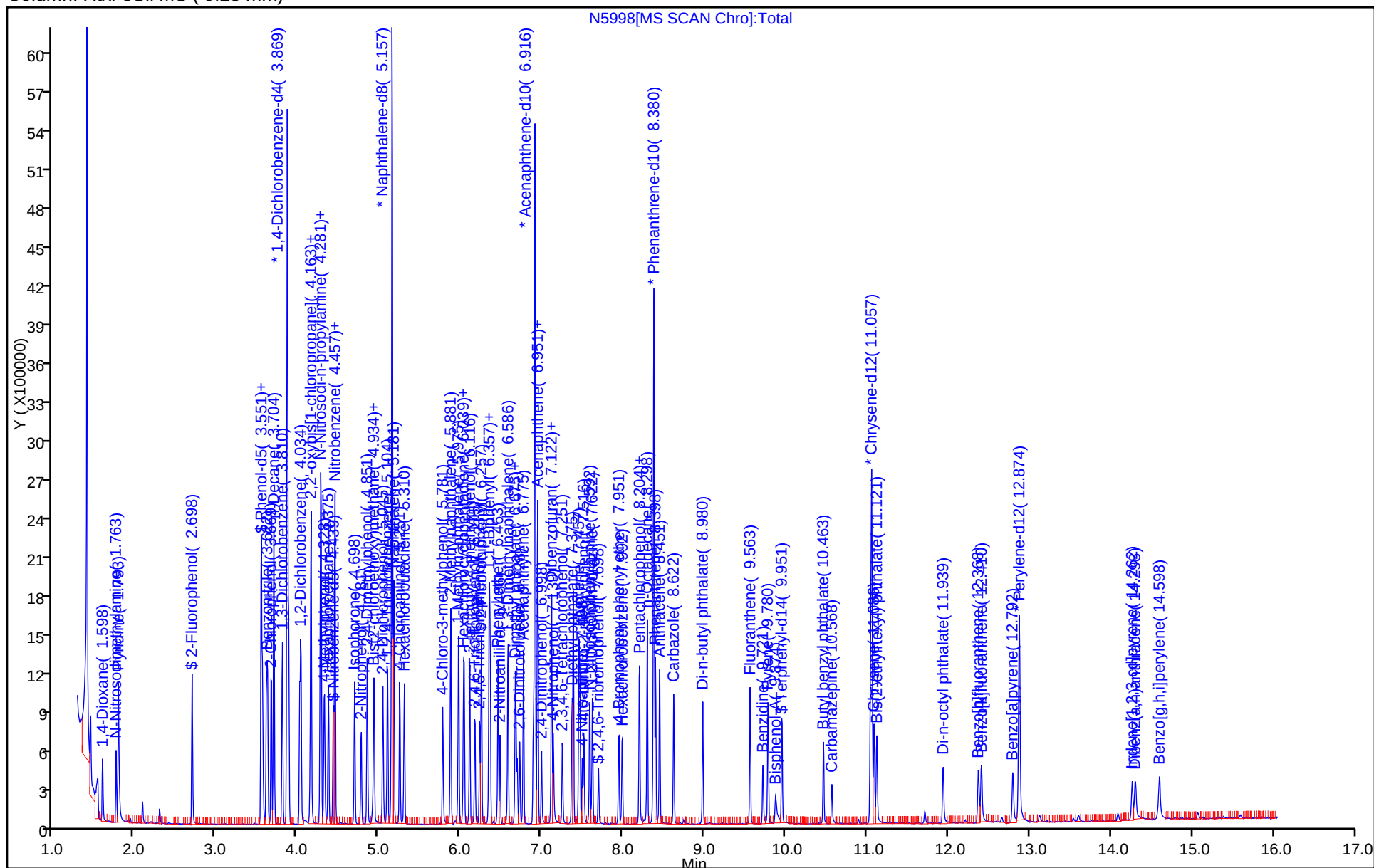
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8270LVI_14

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N5999.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 20-May-2015 20:34:30 ALS Bottle#: 7 Worklist Smp#: 7
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027614-007
 Operator ID: Instrument ID: CBNAMS14
 Sublist: chrom-8270LVI_14*sub15
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\8270LVI_14.m
 Limit Group: SV 8270D ICAL
 Last Update: 21-May-2015 13:04:25 Calib Date: 21-May-2015 00:13:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6008.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK005

First Level Reviewer: bayoumiw

Date: 20-May-2015 21:57:00

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.610	1.575	0.035	95	76204	1.00	1.10	
2 N-Nitrosodimethylamine	74	1.775	1.746	0.029	84	93895	1.00	1.02	
3 Pyridine	79	1.805	1.769	0.036	84	165824	1.00	1.00	
\$ 4 2-Fluorophenol	112	2.704	2.693	0.011	93	154229	1.00	1.02	
\$ 6 Phenol-d5	99	3.557	3.551	0.006	93	186251	1.00	1.03	
8 Aniline	93	3.551	3.551	0.000	98	230603	1.00	1.03	
7 Phenol	94	3.569	3.569	0.000	99	213060	1.00	1.03	
9 Bis(2-chloroethyl)ether	93	3.616	3.622	-0.006	94	155304	1.00	1.02	
10 Benzonitrile	103	3.628	3.640	-0.012	98	270128	NC	NC	
11 2-Chlorophenol	128	3.675	3.675	0.000	94	159132	1.00	1.01	
12 n-Decane	43	3.704	3.710	-0.006	91	254690	1.00	0.99	
13 1,3-Dichlorobenzene	146	3.810	3.816	-0.006	94	177884	1.00	1.03	
* 14 1,4-Dichlorobenzene-d4	152	3.869	3.875	-0.006	97	827153	8.00	8.00	
15 1,4-Dichlorobenzene	146	3.810	3.893	-0.083	93	177884	1.00	1.02	
16 Benzyl alcohol	108	4.022	4.028	-0.006	93	81257	1.00	0.9530	
17 1,2-Dichlorobenzene	146	4.040	4.040	0.000	95	169047	1.00	1.07	
19 2,2'-oxybis[1-chloropropan	45	4.163	4.163	0.000	90	311126	1.00	1.04	
18 2-Methylphenol	108	4.163	4.169	-0.006	83	138493	1.00	1.06	
20 N-Methylaniline	106	4.275	4.281	-0.006	76	206091	NC	NC	
21 Acetophenone	105	4.281	4.293	-0.012	93	185978	1.00	1.05	
22 N-Nitrosodi-n-propylamine	70	4.287	4.298	-0.011	94	92093	1.00	1.03	
23 3 & 4 Methylphenol	108	4.328	4.328	0.000	68	145457	1.00	1.07	
24 4-Methylphenol	108	4.328	4.328	0.000	94	141518	1.00	1.05	
25 Hexachloroethane	117	4.375	4.381	-0.006	95	72871	1.00	1.06	
\$ 27 Nitrobenzene-d5	82	4.434	4.446	-0.012	90	144337	1.00	1.01	
29 n,n'-Dimethylaniline	120	4.457	4.463	-0.006	83	214798	1.00	1.01	
28 Nitrobenzene	77	4.457	4.463	-0.006	86	202551	1.00	1.04	
30 Isophorone	82	4.698	4.704	-0.006	99	222085	1.00	1.01	
32 2-Nitrophenol	139	4.781	4.781	0.000	90	69093	1.00	0.9743	
33 2,4-Dimethylphenol	122	4.851	4.857	-0.006	92	120689	1.00	1.03	
34 Bis(2-chloroethoxy)methane	93	4.934	4.940	-0.006	96	150741	1.00	1.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	4.928	4.993	-0.065	89	33684	1.00	1.03	
36 2,4-Dichlorophenol	162	5.046	5.045	0.001	94	108830	1.00	1.03	
37 1,2,4-Trichlorobenzene	180	5.104	5.104	0.000	93	128333	1.00	1.08	
* 38 Naphthalene-d8	136	5.157	5.163	-0.006	99	2933549	8.00	8.00	
39 Naphthalene	128	5.181	5.181	0.000	99	429707	1.00	1.05	
40 4-Chloroaniline	127	5.251	5.257	-0.006	96	157690	1.00	1.04	
41 Hexachlorobutadiene	225	5.310	5.310	0.000	95	68137	1.00	1.10	
43 4-Chloro-3-methylphenol	107	5.781	5.781	0.000	97	94745	1.00	1.03	
44 2-Methylnaphthalene	142	5.881	5.881	0.000	85	232765	1.00	1.01	
45 1-Methylnaphthalene	142	5.975	5.981	-0.006	93	217067	1.00	1.01	
46 Hexachlorocyclopentadiene	237	6.040	6.040	0.000	97	52122	1.00	0.9479	
47 1,2,4,5-Tetrachlorobenzene	216	6.045	6.051	-0.006	95	92978	1.00	1.07	
48 2-tertbutyl-4-methylphenol	149	6.116	6.116	0.000	91	127647	1.00	0.9092	
49 2,4,6-Trichlorophenol	196	6.175	6.181	-0.006	87	57028	1.00	1.05	
50 2,4,5-Trichlorophenol	196	6.240	6.234	0.006	96	62852	1.00	1.12	
\$ 51 2-Fluorobiphenyl	172	6.257	6.263	-0.006	98	223331	1.00	1.03	
52 1,1'-Biphenyl	154	6.351	6.357	-0.006	95	256568	1.00	1.04	
53 2-Chloronaphthalene	162	6.363	6.369	-0.006	97	199734	1.00	1.06	
54 Phenyl ether	170	6.463	6.469	-0.006	88	125049	1.00	1.03	
55 2-Nitroaniline	65	6.487	6.492	-0.005	95	50346	1.00	0.9134	
57 1,3-Dimethylnaphthalene	156	6.587	6.587	0.000	95	154351	1.00	1.03	
59 Dimethyl phthalate	163	6.675	6.681	-0.006	99	163668	1.00	0.99	
60 Coumarin	146	6.681	6.687	-0.006	79	53440	1.00	0.8958	
61 2,6-Dinitrotoluene	165	6.728	6.739	-0.011	94	35092	1.00	0.9319	
62 Acenaphthylene	152	6.775	6.781	-0.006	98	267409	1.00	1.01	
63 3-Nitroaniline	138	6.892	6.904	-0.012	90	42569	1.00	0.9424	
* 64 Acenaphthene-d10	164	6.916	6.922	-0.006	93	1130613	8.00	8.00	
66 Acenaphthene	154	6.945	6.951	-0.006	94	177786	1.00	1.06	
65 3,5-di-tert-butyl-4-hydrox	205	6.951	6.957	-0.006	98	142062	1.00	0.9797	
67 2,4-Dinitrophenol	184	6.998	7.004	-0.006	93	25355	2.00	2.52	
70 Dibenzofuran	168	7.122	7.122	0.000	96	238951	1.00	1.05	
69 2,4-Dinitrotoluene	165	7.122	7.128	-0.006	88	40898	1.00	0.9546	
68 4-Nitrophenol	65	7.145	7.134	0.011	96	49485	2.00	1.61	
72 2,3,4,6-Tetrachlorophenol	232	7.257	7.257	0.000	93	34707	1.00	0.9451	
73 Diethyl phthalate	149	7.369	7.381	-0.012	98	138025	1.00	0.9254	
75 Fluorene	166	7.457	7.463	-0.006	96	172046	1.00	1.00	
74 4-Chlorophenyl phenyl ethe	204	7.469	7.475	-0.006	86	79839	1.00	1.01	
76 4-Nitroaniline	138	7.498	7.510	-0.012	92	30381	1.00	0.8084	
77 4,6-Dinitro-2-methylphenol	198	7.516	7.528	-0.012	84	41478	2.00	1.85	
78 N-Nitrosodiphenylamine	169	7.587	7.592	-0.005	67	109297	1.00	1.03	
79 1,2-Diphenylhydrazine	77	7.622	7.628	-0.006	98	172662	1.00	1.03	
\$ 80 2,4,6-Tribromophenol	330	7.698	7.704	-0.006	92	20497	1.00	0.9306	
81 4-Bromophenyl phenyl ether	248	7.951	7.951	0.000	89	40135	1.00	1.08	
82 Hexachlorobenzene	284	7.986	7.992	-0.006	96	45412	1.00	1.09	
84 Pentachlorophenol	266	8.204	8.204	0.000	90	41127	2.00	1.80	
85 Pentachloronitrobenzene	237	8.198	8.210	-0.012	58	12898	1.00	0.9048	
86 n-Octadecane	57	8.298	8.298	0.000	91	139660	1.00	0.9381	
* 87 Phenanthrene-d10	188	8.381	8.381	0.000	99	1329839	8.00	8.00	
88 Phenanthrene	178	8.398	8.404	-0.006	98	212969	1.00	1.06	
89 Anthracene	178	8.451	8.451	0.000	98	207565	1.00	1.03	
90 Carbazole	167	8.622	8.628	-0.006	96	173187	1.00	1.02	
91 Di-n-butyl phthalate	149	8.981	8.981	0.000	100	185240	1.00	0.9621	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	9.563	9.569	-0.006	97	164387	1.00	0.99	
93 Benzidine	184	9.722	9.722	0.000	100	76556	1.00	0.8899	
94 Pyrene	202	9.780	9.786	-0.006	98	174456	1.00	1.03	
95 Bisphenol-A	213	9.880	9.875	0.005	0	39155	1.00	0.8221	
\$ 96 Terphenyl-d14	244	9.951	9.957	-0.006	99	112612	1.00	1.02	
97 Butyl benzyl phthalate	149	10.463	10.469	-0.006	97	57801	1.00	0.9092	
99 Carbamazepine	193	10.569	10.575	-0.006	92	36112	1.00	0.8275	
100 3,3'-Dichlorobenzidine	252	11.039	11.045	-0.006	95	40060	1.00	0.9278	
101 Benzo[a]anthracene	228	11.045	11.051	-0.006	99	129144	1.00	1.00	
* 102 Chrysene-d12	240	11.057	11.063	-0.006	99	810349	8.00	8.00	
104 Chrysene	228	11.086	11.092	-0.006	99	129906	1.00	1.05	
103 Bis(2-ethylhexyl) phthalat	149	11.122	11.122	0.000	91	75152	1.00	0.8937	
105 Di-n-octyl phthalate	149	11.939	11.939	0.000	97	102834	1.00	0.8502	
106 Benzo[b]fluoranthene	252	12.374	12.380	-0.006	99	99330	1.00	1.02	
107 Benzo[k]fluoranthene	252	12.404	12.416	-0.012	98	93354	1.00	0.8744	
108 Benzo[a]pyrene	252	12.798	12.804	-0.006	96	88231	1.00	0.9374	
* 109 Perylene-d12	264	12.874	12.880	-0.006	97	687183	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.263	14.274	-0.011	97	73018	1.00	0.9130	
111 Dibenz(a,h)anthracene	278	14.298	14.310	-0.012	97	81364	1.00	0.9596	M
112 Benzo[g,h,i]perylene	276	14.598	14.610	-0.012	96	92629	1.00	0.9334	M
S 119 Total Cresols	1				0			2.12	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL3_00019

Amount Added: 1.00

Units: mL

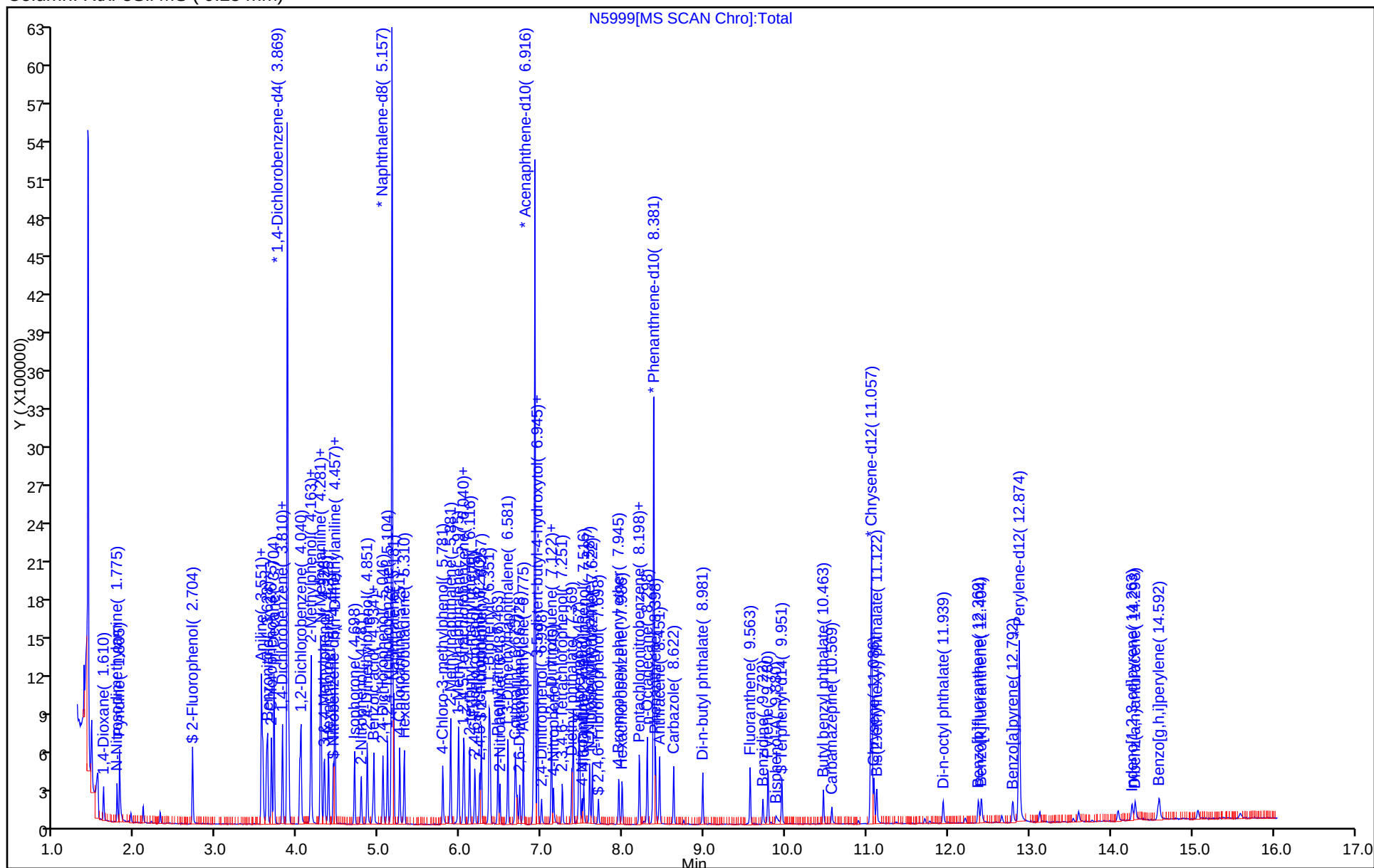
Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N5999.D		
Injection Date:	20-May-2015 20:34:30	Instrument ID:	CBNAMS14
Lims ID:	STD1		
Client ID:			
Injection Vol:	5.0 ul	Dil. Factor:	1.0000
Method:	8270LVI_14	Limit Group:	SV 8270D ICAL
Column:	Rtxi-5Sil MS (0.25 mm)		

Operator ID:
Worklist Smp#: 7

ALS Bottle#: 7



TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N5999.D

Injection Date: 20-May-2015 20:34:30

Instrument ID: CBNAMS14

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#:

7

Injection Vol: 5.0 ul

Dil. Factor:

1.0000

Method: 8270LVI_14

Limit Group:

SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)

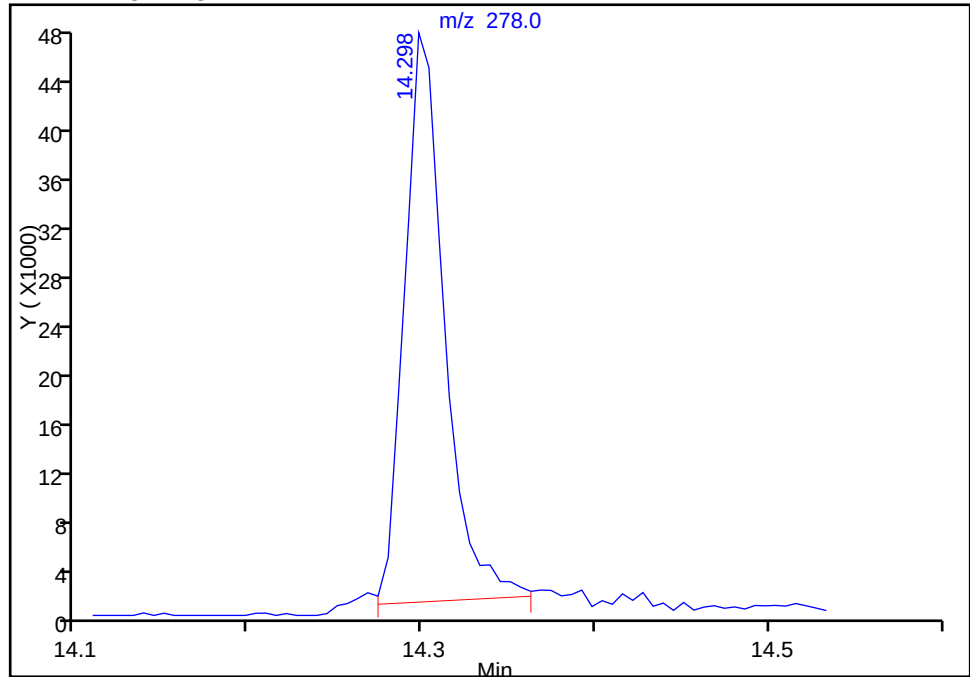
Detector

MS SCAN

111 Dibenz(a,h)anthracene, CAS: 53-70-3

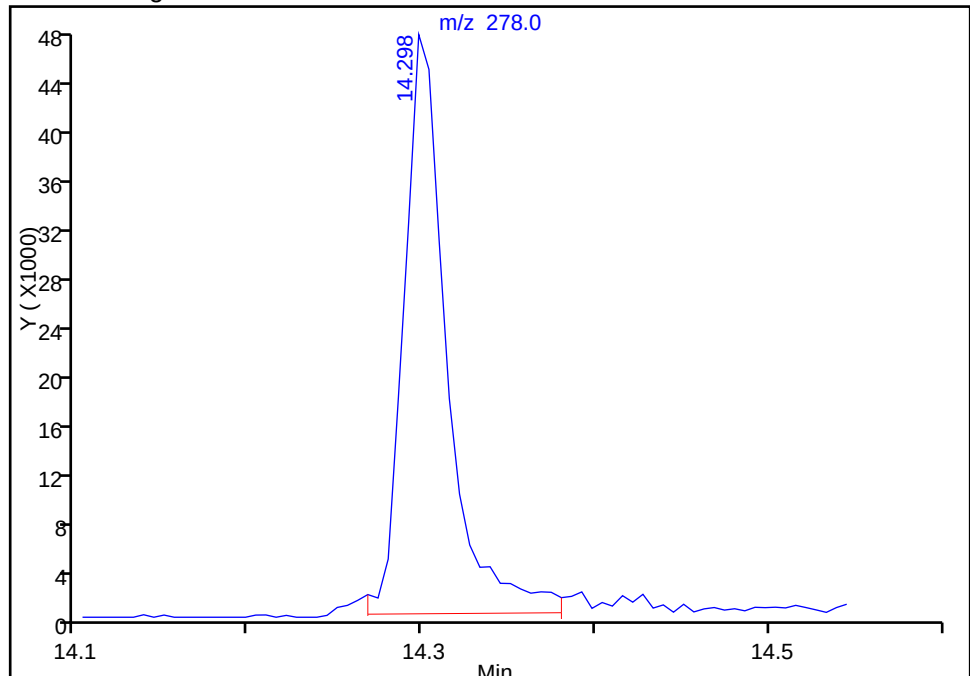
RT: 14.30
Area: 73953
Amount: 0.876260
Amount Units: ug/ml

Processing Integration Results



RT: 14.30
Area: 81364
Amount: 0.959607
Amount Units: ug/ml

Manual Integration Results



Reviewer: bayoumiw, 20-May-2015 21:57:00

Audit Action: Manually Integrated

Audit Reason: Baseline

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N5999.D

Injection Date: 20-May-2015 20:34:30

Instrument ID: CBNAMS14

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 7

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

Method: 8270LVI_14

Limit Group: SV 8270D ICAL

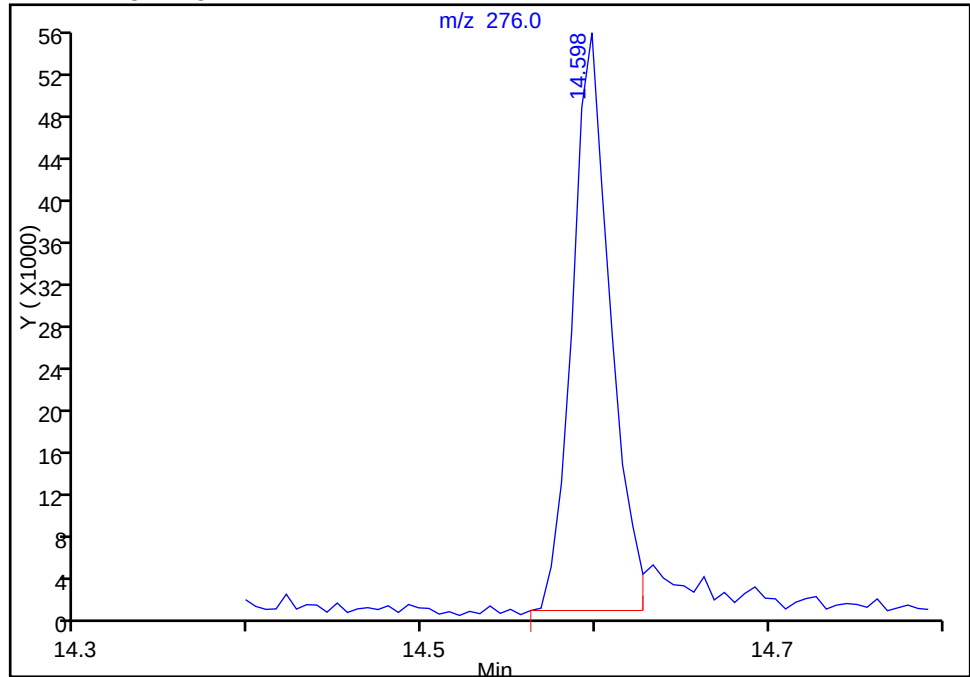
Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

112 Benzo[g,h,i]perylene, CAS: 191-24-2

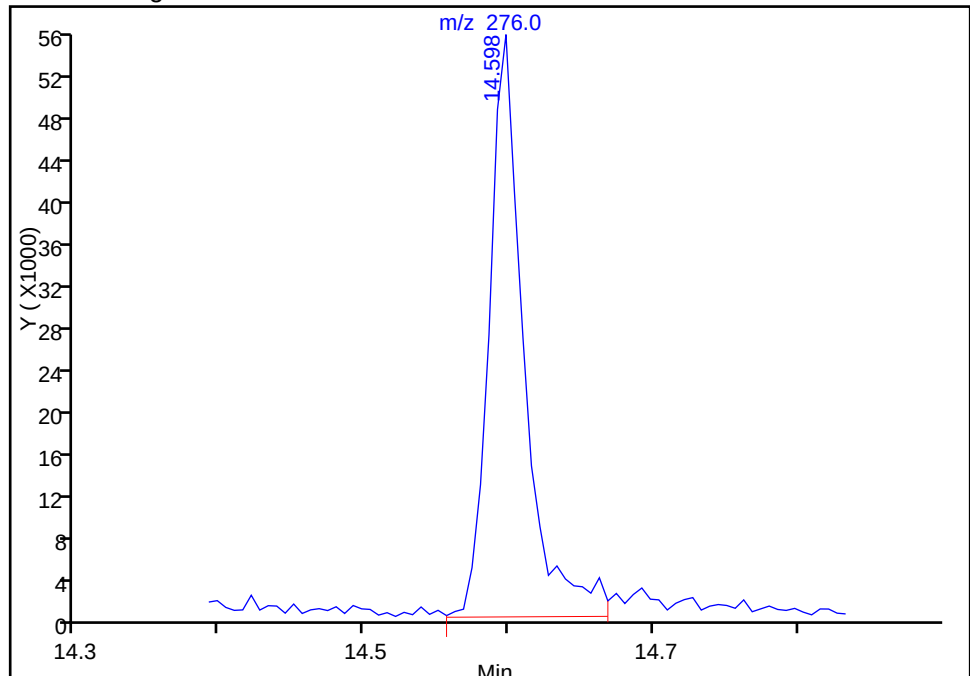
RT: 14.60
Area: 82877
Amount: 1.186962
Amount Units: ug/ml

Processing Integration Results



RT: 14.60
Area: 92629
Amount: 0.933413
Amount Units: ug/ml

Manual Integration Results



Reviewer: bayoumiw, 20-May-2015 21:57:00

Audit Action: Manually Integrated

Audit Reason: Baseline

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6000.D
 Lims ID: STD02
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 20-May-2015 20:59:30 ALS Bottle#: 8 Worklist Smp#: 8
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027614-008
 Operator ID: Instrument ID: CBNAMS14
 Sublist: chrom-8270LVI_14*sub15
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\8270LVI_14.m
 Limit Group: SV 8270D ICAL
 Last Update: 21-May-2015 13:04:35 Calib Date: 21-May-2015 00:13:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6008.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK005

First Level Reviewer: bayoumiw

Date: 20-May-2015 21:58:13

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	2.699	2.693	0.006	89	27213	0.2000	0.1820	
\$ 6 Phenol-d5	99	3.557	3.551	0.006	88	34717	0.2000	0.1958	
9 Bis(2-chloroethyl)ether	93	3.610	3.622	-0.012	91	30994	0.2000	0.2065	
* 14 1,4-Dichlorobenzene-d4	152	3.869	3.875	-0.006	97	814966	8.00	8.00	
22 N-Nitrosodi-n-propylamine	70	4.287	4.298	-0.011	96	17878	0.2000	0.2039	
25 Hexachloroethane	117	4.375	4.381	-0.006	94	12720	0.2000	0.1879	
\$ 27 Nitrobenzene-d5	82	4.434	4.446	-0.012	91	26881	0.2000	0.1894	
28 Nitrobenzene	77	4.457	4.463	-0.006	88	37253	0.2000	0.1925	
30 Isophorone	82	4.698	4.704	-0.006	99	43692	0.2000	0.1995	
37 1,2,4-Trichlorobenzene	180	5.104	5.104	0.000	94	22747	0.2000	0.1932	
* 38 Naphthalene-d8	136	5.157	5.163	-0.006	99	2908179	8.00	8.00	
41 Hexachlorobutadiene	225	5.310	5.310	0.000	94	13281	0.2000	0.2163	
49 2,4,6-Trichlorophenol	196	6.181	6.181	0.000	86	10994	0.2000	0.2055	
\$ 51 2-Fluorobiphenyl	172	6.257	6.263	-0.006	97	40623	0.2000	0.1897	
61 2,6-Dinitrotoluene	165	6.728	6.739	-0.011	92	6092	0.2000	0.1639	
* 64 Acenaphthene-d10	164	6.916	6.922	-0.006	93	1115693	8.00	8.00	
69 2,4-Dinitrotoluene	165	7.128	7.128	0.000	57	5109	0.2000	0.2024	
77 4,6-Dinitro-2-methylphenol	198	7.516	7.528	-0.012	83	7519	0.4000	0.3414	
\$ 80 2,4,6-Tribromophenol	330	7.698	7.704	-0.006	91	3775	0.2000	0.1737	
82 Hexachlorobenzene	284	7.992	7.992	0.000	94	7742	0.2000	0.1893	
* 87 Phenanthrene-d10	188	8.381	8.381	0.000	99	1307318	8.00	8.00	
\$ 96 Terphenyl-d14	244	9.951	9.957	-0.006	98	20402	0.2000	0.1938	
100 3,3'-Dichlorobenzidine	252	11.045	11.045	0.000	65	6628	0.2000	0.1610	
101 Benzo[a]anthracene	228	11.045	11.051	-0.006	97	24167	0.2000	0.1970	
* 102 Chrysene-d12	240	11.057	11.063	-0.006	99	772493	8.00	8.00	
104 Chrysene	228	11.086	11.092	-0.006	96	23883	0.2000	0.2022	
103 Bis(2-ethylhexyl) phthalat	149	11.122	11.122	0.000	90	13222	0.2000	0.1649	
106 Benzo[b]fluoranthene	252	12.369	12.380	-0.012	97	17601	0.2000	0.1844	
107 Benzo[k]fluoranthene	252	12.404	12.416	-0.012	96	20090	0.2000	0.1920	M
108 Benzo[a]pyrene	252	12.792	12.804	-0.012	96	15345	0.2000	0.1664	
* 109 Perylene-d12	264	12.874	12.880	-0.006	97	673453	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
110 Indeno[1,2,3-cd]pyrene	276	14.263	14.274	-0.012	96	14023	0.2000	0.1789	
111 Dibenz(a,h)anthracene	278	14.298	14.310	-0.012	93	13267	0.2000	0.1597	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL2_00016

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6000.D

Injection Date: 20-May-2015 20:59:30

Instrument ID: CBNAMS14

Operator ID:

Lims ID: STD02

Worklist Smp#: 8

Client ID:

Injection Vol: 5.0 ul

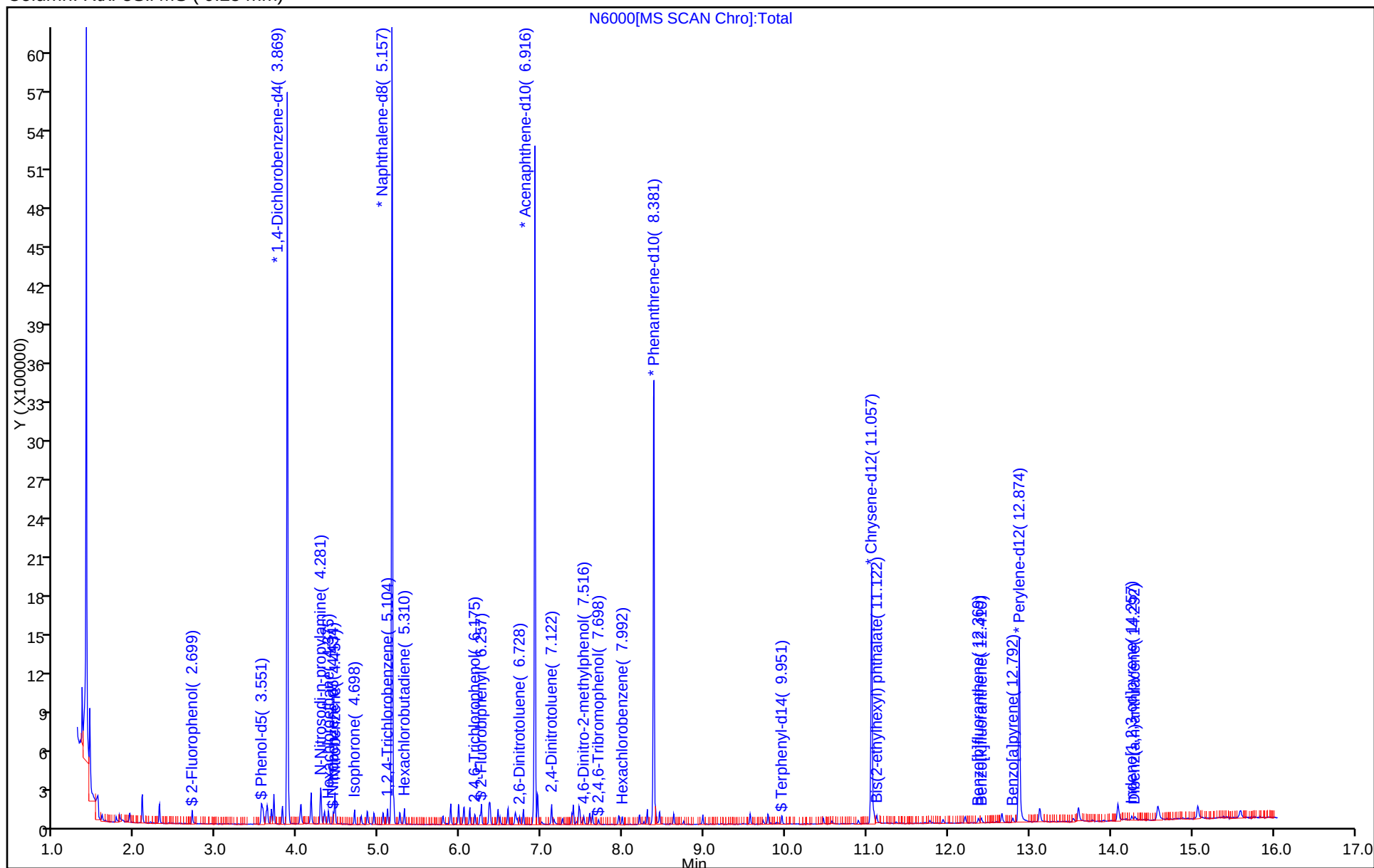
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8270LVI_14

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6000.D

Injection Date: 20-May-2015 20:59:30

Instrument ID: CBNAMS14

Lims ID: STD02

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 8

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

Method: 8270LVI_14

Limit Group: SV 8270D ICAL

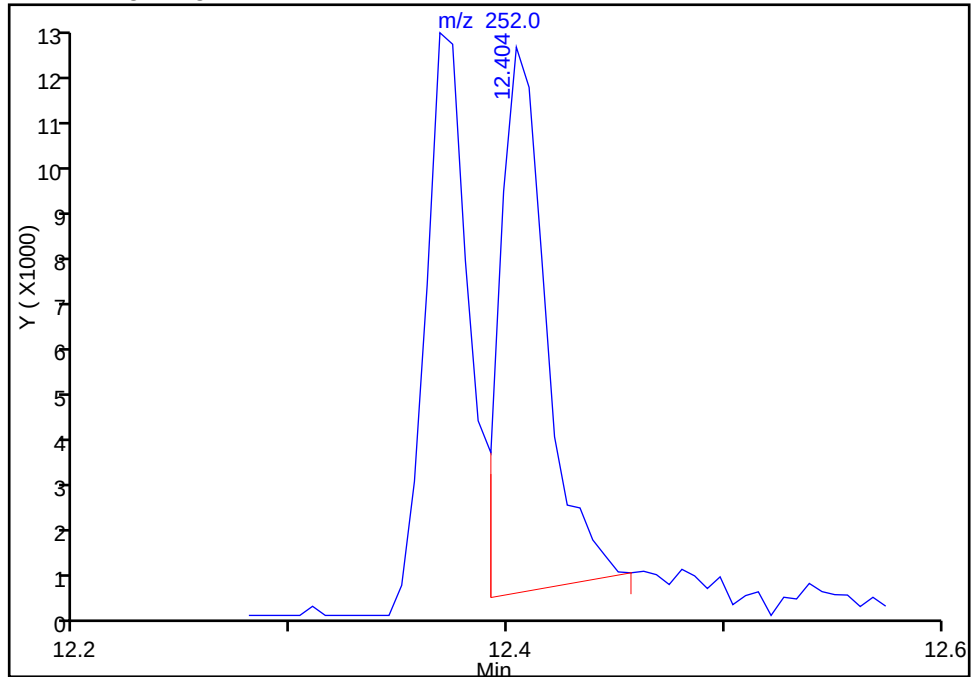
Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

107 Benzo[k]fluoranthene, CAS: 207-08-9

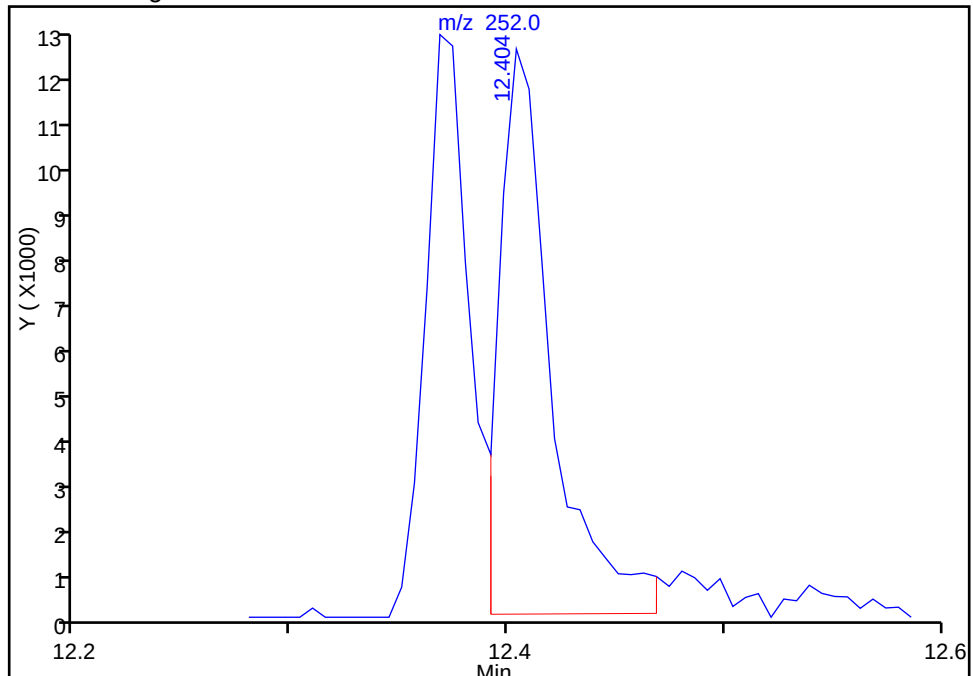
RT: 12.40
Area: 17109
Amount: 0.166474
Amount Units: ug/ml

Processing Integration Results



RT: 12.40
Area: 20090
Amount: 0.191999
Amount Units: ug/ml

Manual Integration Results



Reviewer: bayoumiw, 20-May-2015 21:58:13

Audit Action: Manually Integrated

Audit Reason: Baseline

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6001.D
 Lims ID: STD01
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 20-May-2015 21:23:30 ALS Bottle#: 9 Worklist Smp#: 9
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027614-009
 Operator ID: Instrument ID: CBNAMS14
 Sublist: chrom-8270LVI_14*sub15
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\8270LVI_14.m
 Limit Group: SV 8270D ICAL
 Last Update: 21-May-2015 13:04:40 Calib Date: 21-May-2015 00:13:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6008.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK005

First Level Reviewer: bayoumiw

Date: 20-May-2015 21:58:54

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
9 Bis(2-chloroethyl)ether	93	3.610	3.622	-0.012	92	14680	0.1000	0.0965	
* 14 1,4-Dichlorobenzene-d4	152	3.869	3.875	-0.006	98	826176	8.00	8.00	
22 N-Nitrosodi-n-propylamine	70	4.287	4.298	-0.011	91	9623	0.1000	0.1082	
25 Hexachloroethane	117	4.375	4.381	-0.006	92	7048	0.1000	0.1027	
\$ 27 Nitrobenzene-d5	82	4.434	4.446	-0.012	89	14297	0.1000	0.0988	
28 Nitrobenzene	77	4.457	4.463	-0.006	87	19906	0.1000	0.1009	
37 1,2,4-Trichlorobenzene	180	5.104	5.104	0.000	95	11275	0.1000	0.0939	
* 38 Naphthalene-d8	136	5.157	5.163	-0.006	99	2964195	8.00	8.00	
41 Hexachlorobutadiene	225	5.310	5.310	0.000	91	5672	0.1000	0.0906	
\$ 51 2-Fluorobiphenyl	172	6.257	6.263	-0.006	99	21313	0.1000	0.1109	
* 64 Acenaphthene-d10	164	6.916	6.922	-0.006	98	1001885	8.00	8.00	
82 Hexachlorobenzene	284	7.986	7.992	-0.006	88	3758	0.1000	0.0943	
* 87 Phenanthrene-d10	188	8.375	8.381	-0.006	99	1274151	8.00	8.00	
\$ 96 Terphenyl-d14	244	9.951	9.957	-0.006	97	8890	0.1000	0.0901	
101 Benzo[a]anthracene	228	11.045	11.051	-0.006	95	13058	0.1000	0.1136	
* 102 Chrysene-d12	240	11.057	11.063	-0.006	99	723981	8.00	8.00	
106 Benzo[b]fluoranthene	252	12.369	12.380	-0.011	97	8932	0.1000	0.0919	
107 Benzo[k]fluoranthene	252	12.404	12.416	-0.012	92	9268	0.1000	0.0870	
108 Benzo[a]pyrene	252	12.792	12.804	-0.012	95	9074	0.1000	0.0966	
* 109 Perylene-d12	264	12.874	12.880	-0.006	97	685495	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.263	14.274	-0.011	77	7917	0.1000	0.0992	
111 Dibenz(a,h)anthracene	278	14.304	14.310	-0.006	44	6785	0.1000	0.0802	

Reagents:

SM_BNAL1_00016

Amount Added: 1.00

Units: mL

Report Date: 21-May-2015 13:04:43

Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6001.D

Injection Date: 20-May-2015 21:23:30

Instrument ID: CBNAMS14

Operator ID:

Lims ID: STD01

Worklist Smp#: 9

Client ID:

Injection Vol: 5.0 ul

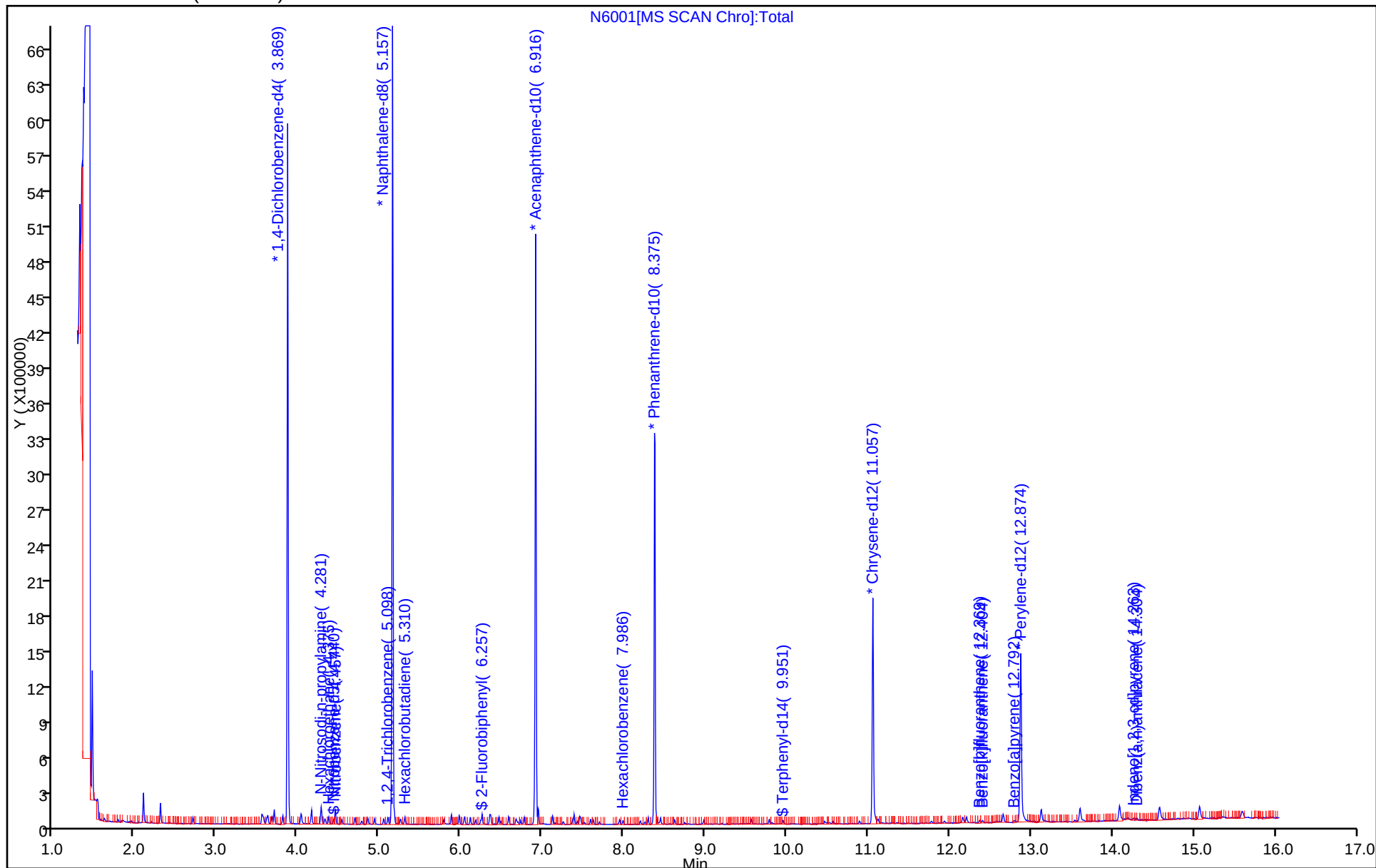
Dil. Factor: 1.0000

ALS Bottle#: 9

Method: 8270LVI_14

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 299810

SDG No.: _____

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/20/2015 21:47 Calibration End Date: 05/21/2015 00:13 Calibration ID: 50045

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD02 460-299810/16	N6008.D
Level 2	STD1 460-299810/15	N6007.D
Level 3	STD2 460-299810/14	N6006.D
Level 4	STD4 460-299810/13	N6005.D
Level 5	STD10 460-299810/10	N6002.D
Level 6	STD16 460-299810/12	N6004.D
Level 7	STD24 460-299810/11	N6003.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzaldehyde	1.1426	1.1356 1.1703	1.1159	1.2544	1.2394	Ave		1.1764			0.0100	4.9		20.0			
Caprolactam	0.0622	0.0503 0.0652	0.0557	0.0623	0.0689	Ave		0.0608			0.0100	11.0		20.0			
Atrazine	0.1524 0.1754	0.1594 0.1713	0.1522	0.1800	0.1865	Ave		0.1682			0.0100	8.1		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 299810

SDG No.: _____

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/20/2015 21:47 Calibration End Date: 05/21/2015 00:13 Calibration ID: 50045

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD02 460-299810/16	N6008.D
Level 2	STD1 460-299810/15	N6007.D
Level 3	STD2 460-299810/14	N6006.D
Level 4	STD4 460-299810/13	N6005.D
Level 5	STD10 460-299810/10	N6002.D
Level 6	STD16 460-299810/12	N6004.D
Level 7	STD24 460-299810/11	N6003.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Benzaldehyde	DCB	Ave	1901059	120730 3380447	237433	605673	1264828	16.0	1.00 24.0	2.00	4.00	10.0
Caprolactam	NPT	Ave	351532	18805 649219	42642	107080	254765	16.0	1.00 24.0	2.00	4.00	10.0
Atrazine	PHN	Ave	5116 469495	27894 844883	53187	140557	346440	0.200 16.0	1.00 24.0	2.00	4.00	10.0

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6002.D
 Lims ID: std10
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 20-May-2015 21:47:30 ALS Bottle#: 10 Worklist Smp#: 10
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027614-010
 Operator ID: Instrument ID: CBNAMS14
 Sublist: chrom-8270LVI_14*sub19
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\8270LVI_14.m
 Limit Group: SV 8270D ICAL
 Last Update: 21-May-2015 13:04:46 Calib Date: 21-May-2015 00:13:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6008.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK005

First Level Reviewer: bayoumiw

Date: 20-May-2015 22:18:02

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.446	3.446	0.000	95	1264828	10.0	10.5	
* 14 1,4-Dichlorobenzene-d4	152	3.869	3.869	0.000	98	816411	8.00	8.00	
* 38 Naphthalene-d8	136	5.157	5.157	0.000	99	2959795	8.00	8.00	
42 Caprolactam	113	5.587	5.587	0.000	86	254765	10.0	11.3	
* 64 Acenaphthene-d10	164	6.916	6.916	0.000	97	1054757	8.00	8.00	
83 Atrazine	200	8.134	8.134	0.000	89	346440	10.0	11.1	
* 87 Phenanthrene-d10	188	8.381	8.381	0.000	99	1485817	8.00	8.00	
* 102 Chrysene-d12	240	11.057	11.057	0.000	98	902257	8.00	8.00	
* 109 Perylene-d12	264	12.874	12.874	0.000	97	719922	8.00	8.00	

Reagents:

SM_BNAL5B_00009

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6002.D

Injection Date: 20-May-2015 21:47:30

Instrument ID: CBNAMS14

Operator ID:

Lims ID: std10

Worklist Smp#: 10

Client ID:

Injection Vol: 5.0 ul

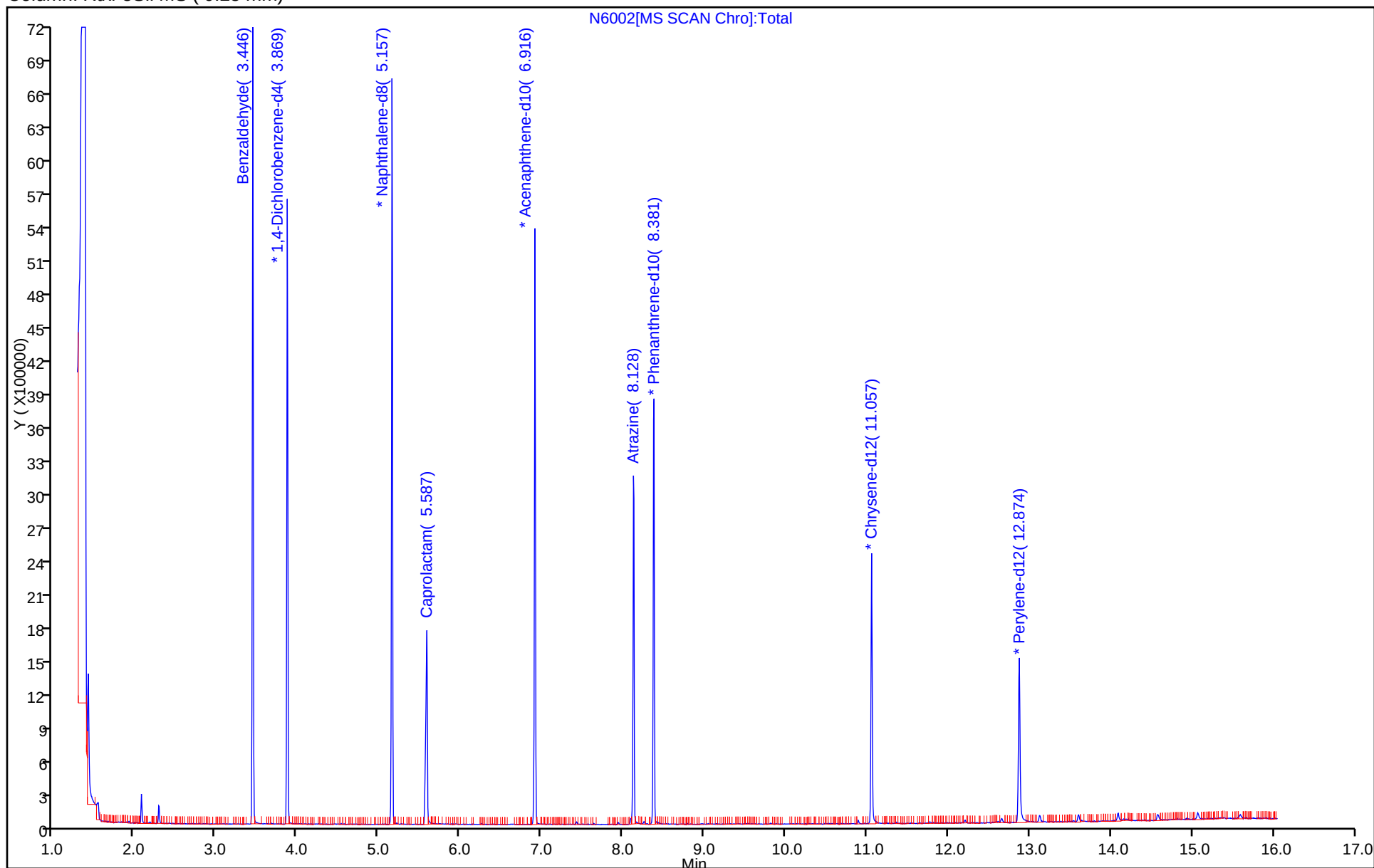
Dil. Factor: 1.0000

ALS Bottle#: 10

Method: 8270LVI_14

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6003.D
 Lims ID: std24
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 20-May-2015 22:12:30 ALS Bottle#: 11 Worklist Smp#: 11
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027614-011
 Operator ID: Instrument ID: CBNAMS14
 Sublist: chrom-8270LVI_14*sub19
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\8270LVI_14.m
 Limit Group: SV 8270D ICAL
 Last Update: 21-May-2015 13:04:52 Calib Date: 21-May-2015 00:13:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6008.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK005

First Level Reviewer: bayoumiw

Date: 20-May-2015 23:21:16

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.451	3.446	0.005	94	3380447	24.0	23.9	
* 14 1,4-Dichlorobenzene-d4	152	3.869	3.869	0.000	97	962828	8.00	8.00	
* 38 Naphthalene-d8	136	5.157	5.157	0.000	99	3321233	8.00	8.00	
42 Caprolactam	113	5.604	5.587	0.017	86	649219	24.0	25.7	
* 64 Acenaphthene-d10	164	6.916	6.916	0.000	93	1313244	8.00	8.00	
83 Atrazine	200	8.139	8.134	0.005	90	844883	24.0	24.4	
* 87 Phenanthrene-d10	188	8.380	8.381	-0.001	99	1643790	8.00	8.00	
* 102 Chrysene-d12	240	11.057	11.057	0.000	99	886811	8.00	8.00	
* 109 Perylene-d12	264	12.874	12.874	0.000	98	713949	8.00	8.00	

Reagents:

SM_BNAL7B_00001

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6003.D

Injection Date: 20-May-2015 22:12:30

Instrument ID: CBNAMS14

Operator ID:

Lims ID: std24

Worklist Smp#: 11

Client ID:

Injection Vol: 5.0 ul

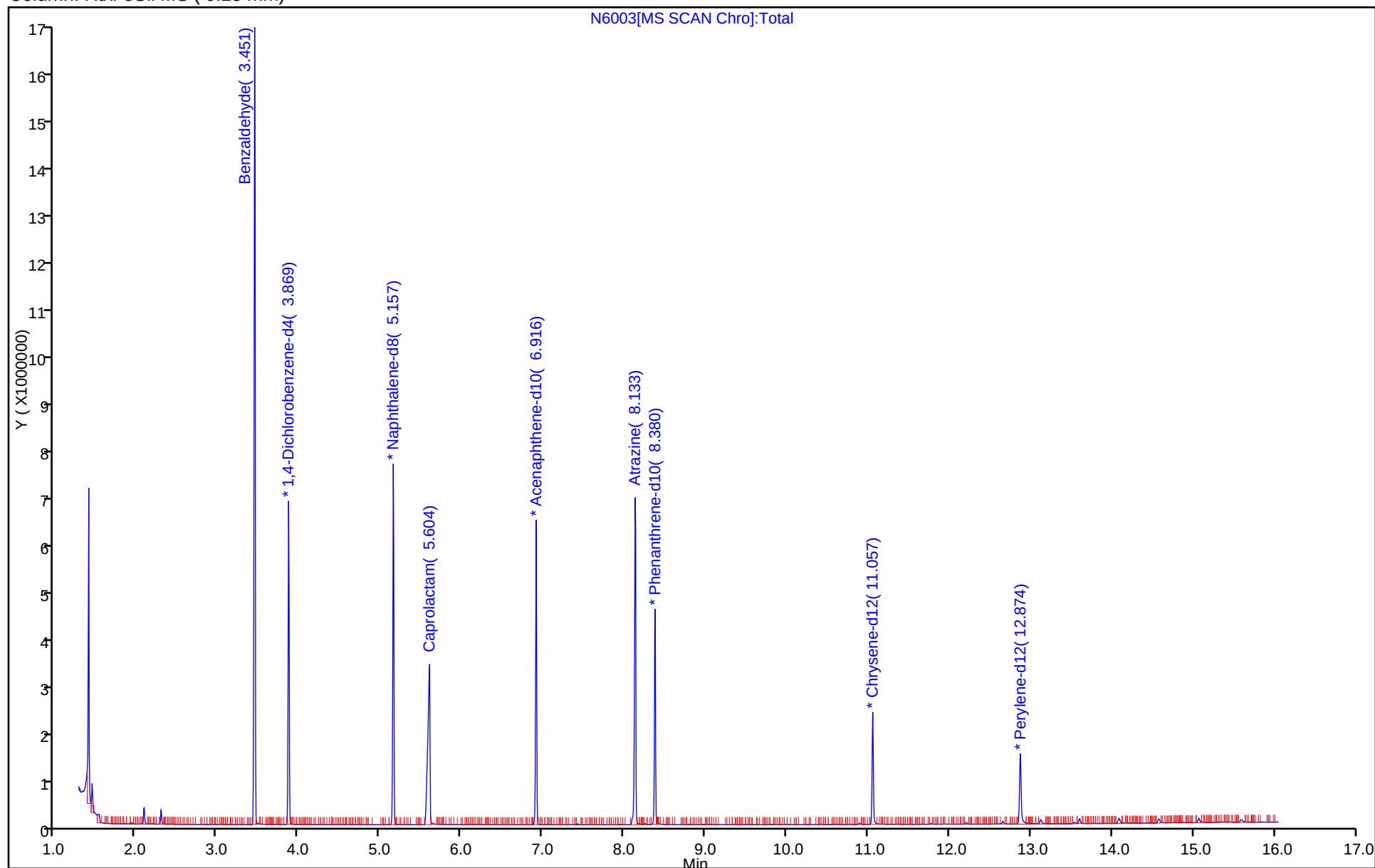
Dil. Factor: 1.0000

ALS Bottle#: 11

Method: 8270LVI_14

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6004.D
 Lims ID: std16
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 20-May-2015 22:36:30 ALS Bottle#: 12 Worklist Smp#: 12
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027614-012
 Operator ID: Instrument ID: CBNAMS14
 Sublist: chrom-8270LVI_14*sub19
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\8270LVI_14.m
 Limit Group: SV 8270D ICAL
 Last Update: 21-May-2015 13:04:57 Calib Date: 21-May-2015 00:13:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6008.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK005

First Level Reviewer: bayoumiw

Date: 20-May-2015 23:21:25

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.446	3.446	0.000	94	1901059	16.0	15.5	
* 14 1,4-Dichlorobenzene-d4	152	3.869	3.869	0.000	97	831887	8.00	8.00	
* 38 Naphthalene-d8	136	5.157	5.157	0.000	99	2824633	8.00	8.00	
42 Caprolactam	113	5.593	5.587	0.006	87	351532	16.0	16.4	
* 64 Acenaphthene-d10	164	6.916	6.916	0.000	93	1095688	8.00	8.00	
83 Atrazine	200	8.134	8.134	0.000	89	469495	16.0	16.7	
* 87 Phenanthrene-d10	188	8.381	8.381	0.000	99	1338347	8.00	8.00	
* 102 Chrysene-d12	240	11.057	11.057	0.000	99	838806	8.00	8.00	
* 109 Perylene-d12	264	12.874	12.874	0.000	97	730483	8.00	8.00	

Reagents:

SM_BNAL6B_00008

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6004.D

Injection Date: 20-May-2015 22:36:30

Instrument ID: CBNAMS14

Operator ID:

Lims ID: std16

Worklist Smp#: 12

Client ID:

Injection Vol: 5.0 ul

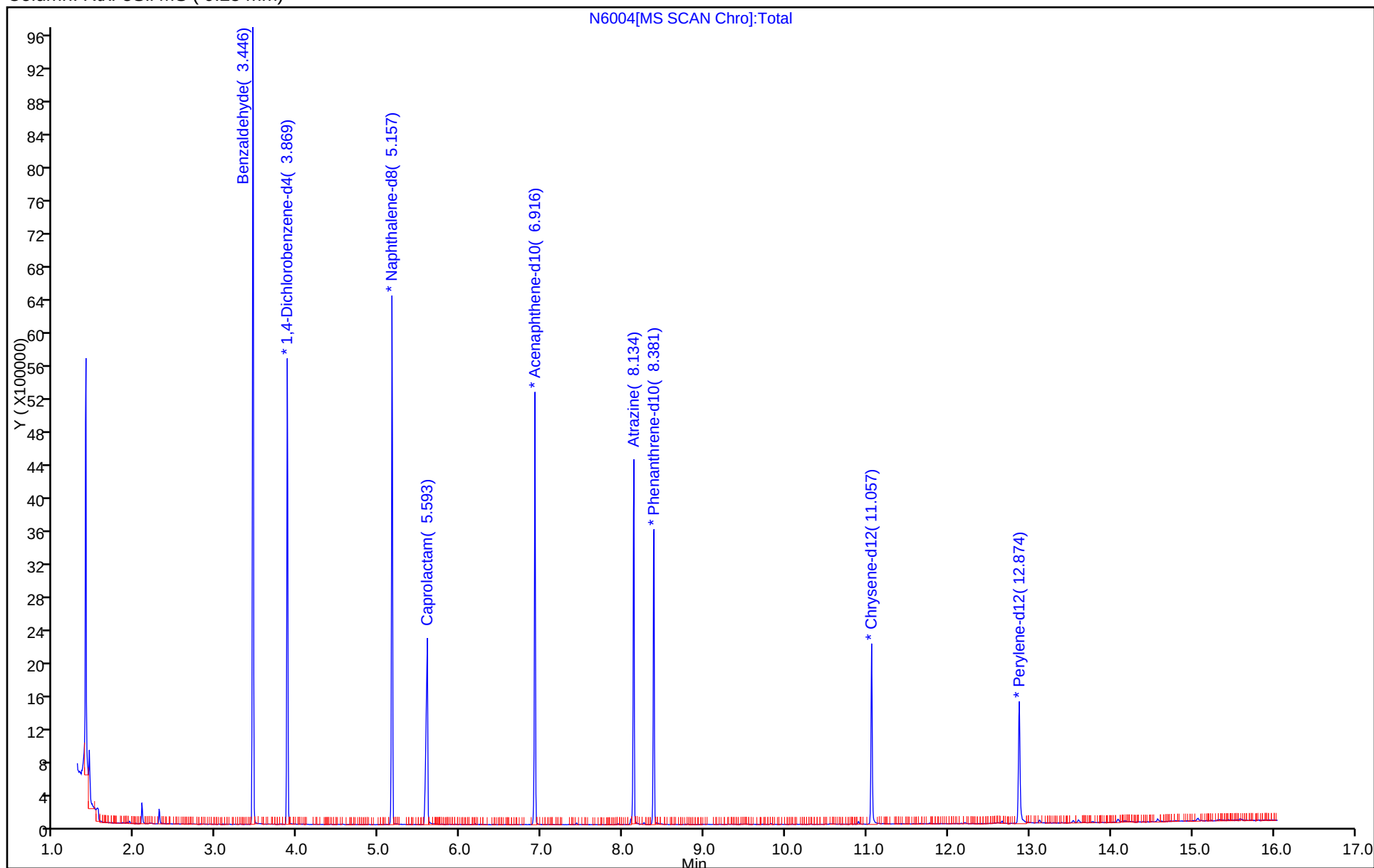
Dil. Factor: 1.0000

ALS Bottle#: 12

Method: 8270LVI_14

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6005.D
 Lims ID: std4
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 20-May-2015 23:00:30 ALS Bottle#: 13 Worklist Smp#: 13
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027614-013
 Operator ID: Instrument ID: CBNAMS14
 Sublist: chrom-8270LVI_14*sub19
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\8270LVI_14.m
 Limit Group: SV 8270D ICAL
 Last Update: 21-May-2015 13:05:02 Calib Date: 21-May-2015 00:13:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6008.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK005

First Level Reviewer: bayoumiw

Date: 20-May-2015 23:21:40

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.446	3.446	0.000	94	605673	4.00	4.27	
* 14 1,4-Dichlorobenzene-d4	152	3.869	3.869	0.000	97	965640	8.00	8.00	
* 38 Naphthalene-d8	136	5.157	5.157	0.000	99	3435193	8.00	8.00	
42 Caprolactam	113	5.575	5.587	-0.012	87	107080	4.00	4.10	
* 64 Acenaphthene-d10	164	6.916	6.916	0.000	93	1329310	8.00	8.00	
83 Atrazine	200	8.128	8.134	-0.006	89	140557	4.00	4.28	
* 87 Phenanthrene-d10	188	8.380	8.381	-0.001	99	1561884	8.00	8.00	
* 102 Chrysene-d12	240	11.057	11.057	0.000	99	929043	8.00	8.00	
* 109 Perylene-d12	264	12.874	12.874	0.000	97	756469	8.00	8.00	

Reagents:

SM_BNAL4B_00017

Amount Added: 1.00

Units: mL

Report Date: 21-May-2015 13:05:04

Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6005.D

Injection Date: 20-May-2015 23:00:30

Instrument ID: CBNAMS14

Operator ID:

Lims ID: std4

Worklist Smp#: 13

Client ID:

Injection Vol: 5.0 ul

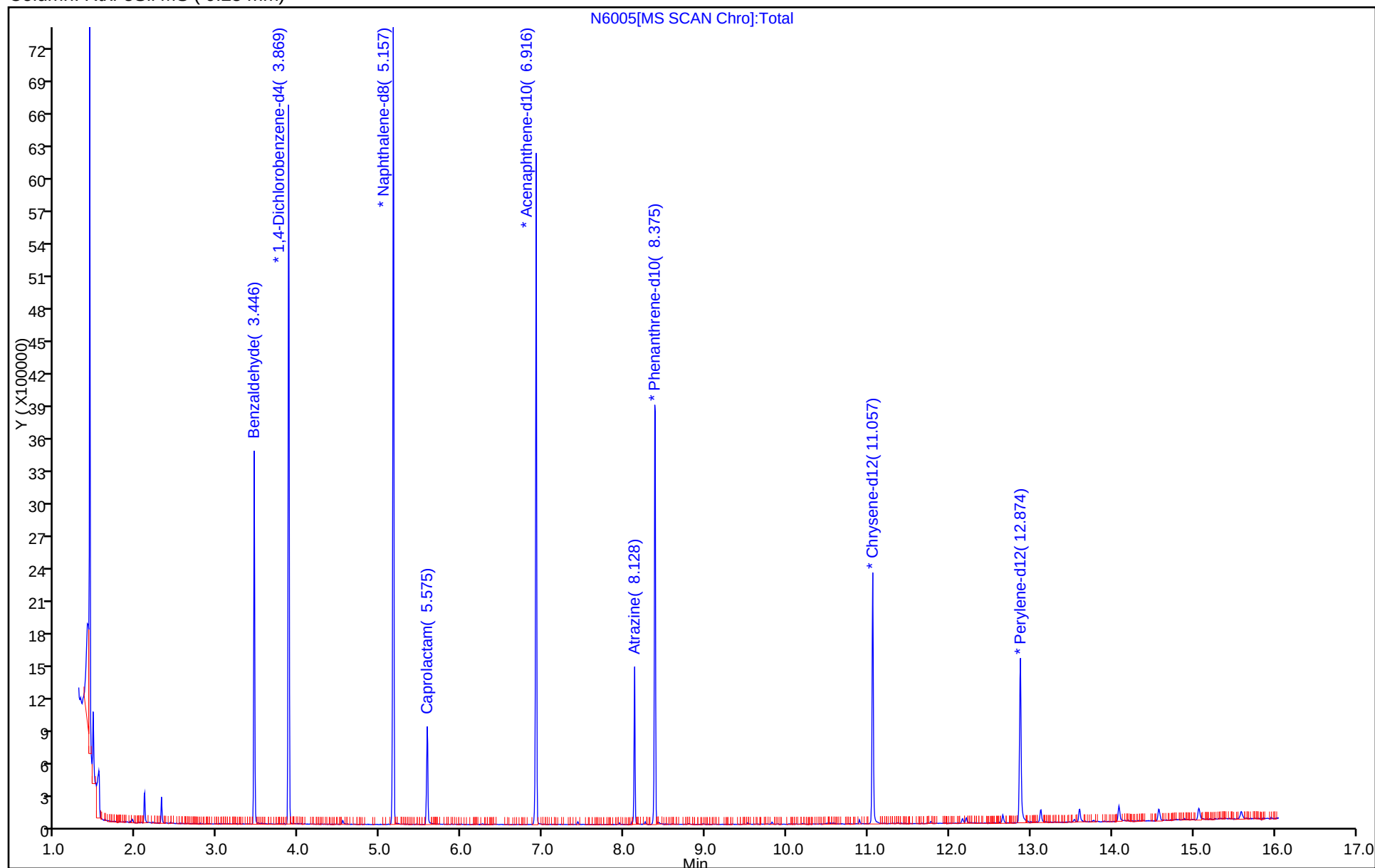
Dil. Factor: 1.0000

ALS Bottle#: 13

Method: 8270LVI_14

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6006.D
 Lims ID: std2
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 20-May-2015 23:25:30 ALS Bottle#: 14 Worklist Smp#: 14
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027614-014
 Operator ID: Instrument ID: CBNAMS14
 Sublist: chrom-8270LVI_14*sub19
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\8270LVI_14.m
 Limit Group: SV 8270D ICAL
 Last Update: 21-May-2015 13:05:07 Calib Date: 21-May-2015 00:13:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6008.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK005

First Level Reviewer: asfawa

Date: 21-May-2015 03:15:33

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.446	3.446	0.000	93	237433	2.00	1.90	
* 14 1,4-Dichlorobenzene-d4	152	3.869	3.869	0.000	98	851058	8.00	8.00	
* 38 Naphthalene-d8	136	5.157	5.157	0.000	99	3061244	8.00	8.00	
42 Caprolactam	113	5.569	5.587	-0.018	87	42642	2.00	1.83	
* 64 Acenaphthene-d10	164	6.916	6.916	0.000	93	1198018	8.00	8.00	
83 Atrazine	200	8.128	8.134	-0.006	90	53187	2.00	1.81	
* 87 Phenanthrene-d10	188	8.375	8.381	-0.006	99	1398091	8.00	8.00	
* 102 Chrysene-d12	240	11.057	11.057	0.000	99	841948	8.00	8.00	
* 109 Perylene-d12	264	12.874	12.874	0.000	97	749423	8.00	8.00	

Reagents:

SM_BNAL3B_00008

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6006.D

Injection Date: 20-May-2015 23:25:30

Instrument ID: CBNAMS14

Operator ID:

Lims ID: std2

Worklist Smp#: 14

Client ID:

Injection Vol: 5.0 ul

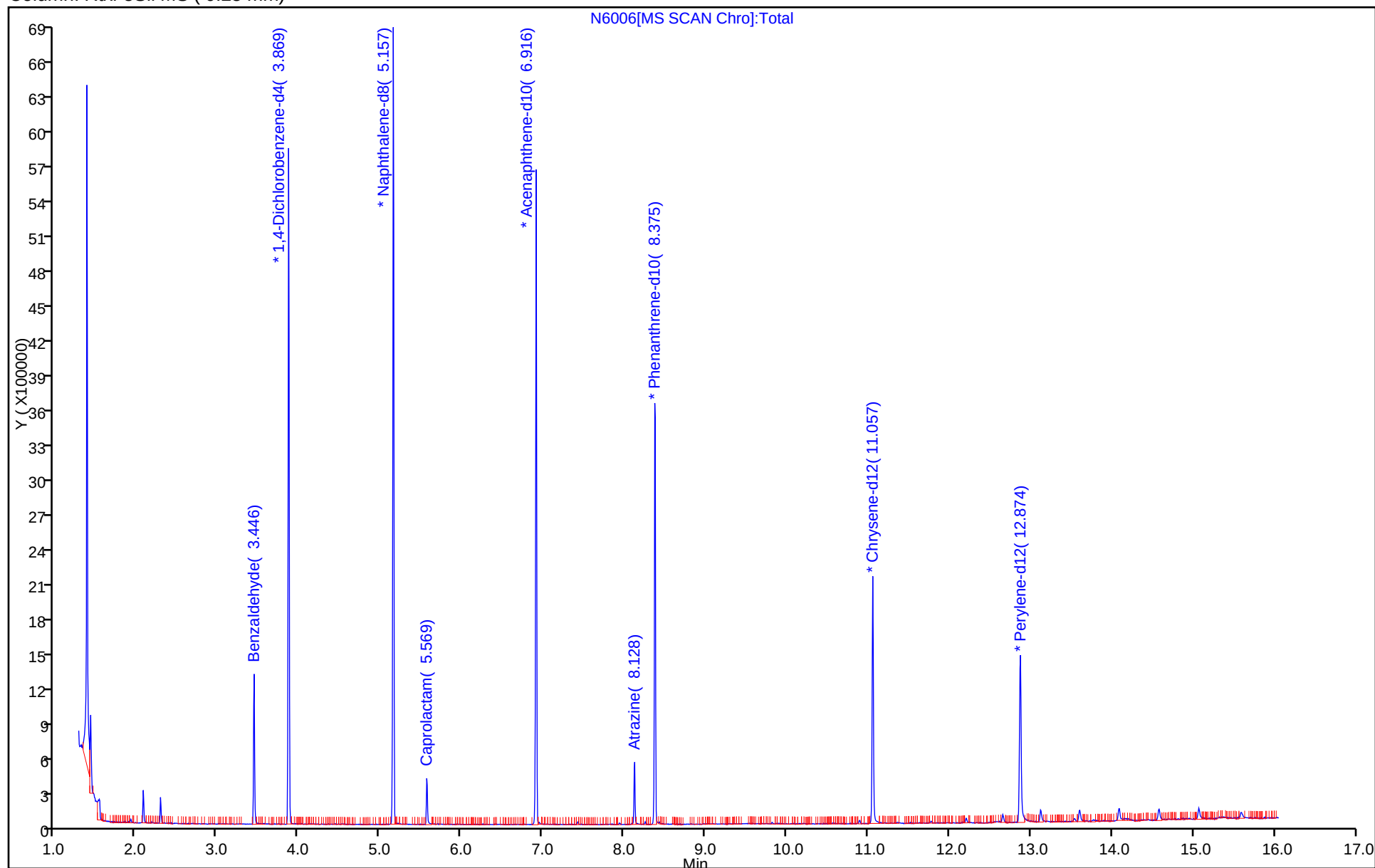
Dil. Factor: 1.0000

ALS Bottle#: 14

Method: 8270LVI_14

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6007.D
 Lims ID: std1
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 20-May-2015 23:49:30 ALS Bottle#: 15 Worklist Smp#: 15
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027614-015
 Operator ID: Instrument ID: CBNAMS14
 Sublist: chrom-8270LVI_14*sub19
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\8270LVI_14.m
 Limit Group: SV 8270D ICAL
 Last Update: 21-May-2015 13:05:12 Calib Date: 21-May-2015 00:13:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6008.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK005

First Level Reviewer: asfawa

Date: 21-May-2015 03:15:54

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.446	3.446	0.000	94	120730	1.00	0.9653	
* 14 1,4-Dichlorobenzene-d4	152	3.869	3.869	0.000	97	850500	8.00	8.00	
* 38 Naphthalene-d8	136	5.157	5.157	0.000	99	2991933	8.00	8.00	
42 Caprolactam	113	5.569	5.587	-0.018	87	18805	1.00	0.8275	
* 64 Acenaphthene-d10	164	6.916	6.916	0.000	93	1157202	8.00	8.00	
83 Atrazine	200	8.128	8.134	-0.006	89	27894	1.00	0.9479	
* 87 Phenanthrene-d10	188	8.375	8.381	-0.006	99	1399787	8.00	8.00	
* 102 Chrysene-d12	240	11.057	11.057	0.000	99	874801	8.00	8.00	
* 109 Perylene-d12	264	12.874	12.874	0.000	97	778526	8.00	8.00	

Reagents:

SM_BNAL2B_00009

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6007.D

Injection Date: 20-May-2015 23:49:30

Instrument ID: CBNAMS14

Operator ID:

Lims ID: std1

Worklist Smp#: 15

Client ID:

Injection Vol: 5.0 ul

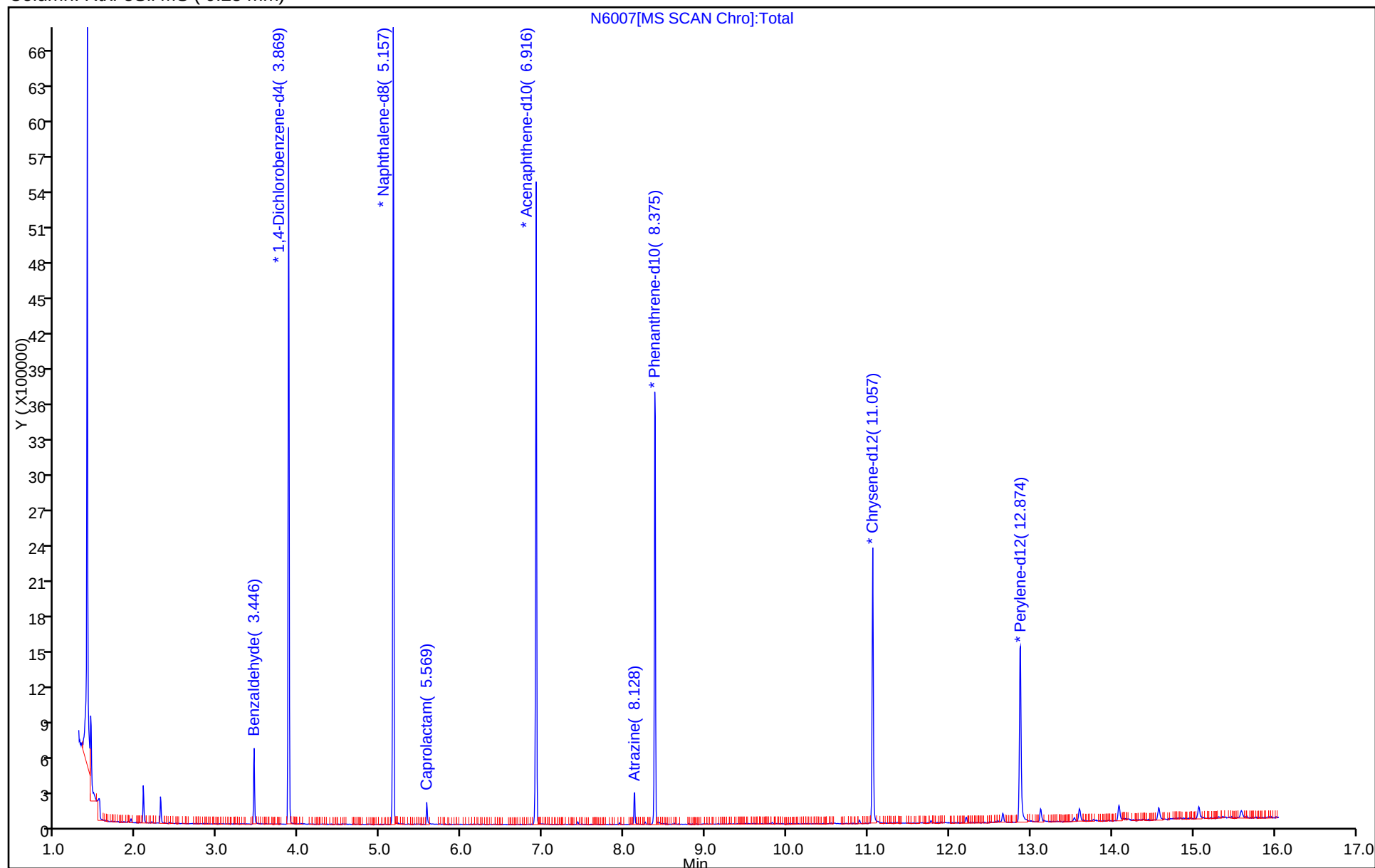
Dil. Factor: 1.0000

ALS Bottle#: 15

Method: 8270LVI_14

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6008.D
 Lims ID: std02
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 21-May-2015 00:13:30 ALS Bottle#: 16 Worklist Smp#: 16
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027614-016
 Operator ID: Instrument ID: CBNAMS14
 Sublist: chrom-8270LVI_14*sub19
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\8270LVI_14.m
 Limit Group: SV 8270D ICAL
 Last Update: 21-May-2015 13:05:16 Calib Date: 21-May-2015 00:13:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6008.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK005

First Level Reviewer: asfawa

Date: 21-May-2015 03:16:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	3.875	3.869	0.006	97	850413	8.00	8.00	
* 38 Naphthalene-d8	136	5.157	5.157	0.000	99	2925443	8.00	8.00	
* 64 Acenaphthene-d10	164	6.916	6.916	0.000	93	1127095	8.00	8.00	
83 Atrazine	200	8.128	8.134	-0.006	86	5116	0.2000	0.1812	
* 87 Phenanthrene-d10	188	8.375	8.381	-0.006	99	1342750	8.00	8.00	
* 102 Chrysene-d12	240	11.057	11.057	0.000	99	846283	8.00	8.00	
* 109 Perylene-d12	264	12.874	12.874	0.000	97	791251	8.00	8.00	

Reagents:

SM_BNAL1B_00009

Amount Added: 1.00

Units: mL

Report Date: 21-May-2015 13:05:17

Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6008.D

Injection Date: 21-May-2015 00:13:30

Instrument ID: CBNAMS14

Operator ID:

Lims ID: std02

Worklist Smp#: 16

Client ID:

Injection Vol: 5.0 ul

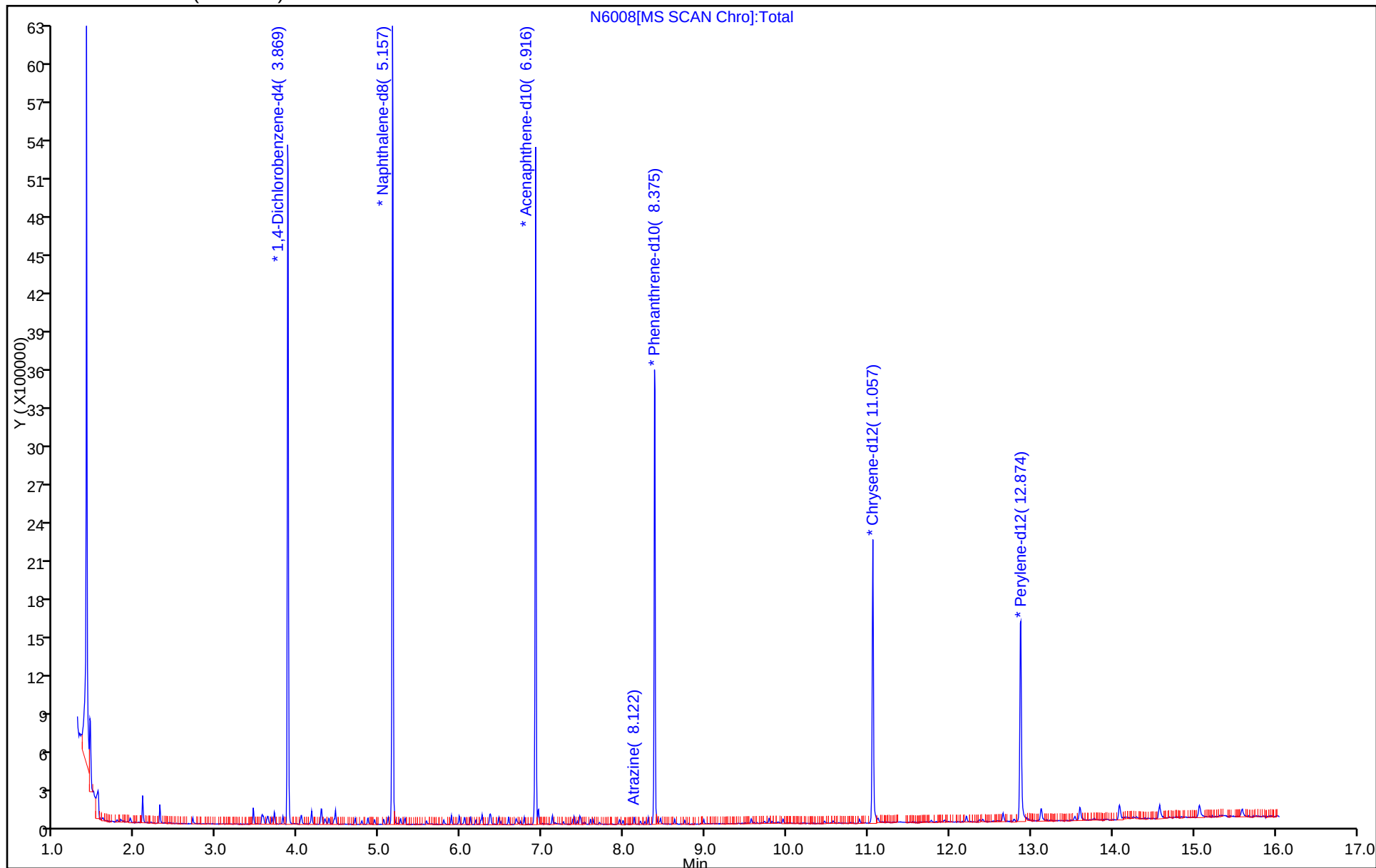
Dil. Factor: 1.0000

ALS Bottle#: 16

Method: 8270LVI_14

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 300631

SDG No.: _____

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/23/2015 15:21 Calibration End Date: 05/23/2015 17:59 Calibration ID: 50081

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-300631/9	M93095.D
Level 2	STD02 460-300631/8	M93094.D
Level 3	STD1 460-300631/7	M93093.D
Level 4	STD2 460-300631/6	M93092.D
Level 5	STD4 460-300631/5	M93091.D
Level 6	ICIS 460-300631/2	M93088.D
Level 7	STD16 460-300631/4	M93090.D
Level 8	STD24 460-300631/3	M93089.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
1,4-Dioxane	0.5167	0.5642	0.5659 0.5906	0.5879	0.5581	Ave		0.5639				4.7		20.0			
N-Nitrosodimethylamine	0.9254	1.0023	0.9970 0.9279	1.0026	0.9217	Ave		0.9628				4.3		20.0			
Pyridine	1.3216	1.3802	1.2594 1.3757	1.2382	1.3089	Ave		1.3140				4.4		20.0			
Phenol	1.7465	1.8869	1.7115 1.8455	1.5468	1.6775	Ave		1.7358		0.8000	7.0			20.0			
Aniline	1.9174	2.1095	2.0506 2.0499	2.0619	2.0159	Ave		2.0342				3.2		20.0			
Bis(2-chloroethyl)ether	1.2681 1.3068	1.6088 1.5247	1.3440 1.3736	1.4131	1.3247	Ave		1.3955		0.7000	8.3			20.0			
2-Chlorophenol	1.0810	1.1669	1.1316 1.1860	1.0674	1.1259	Ave		1.1264		0.8000	4.1			20.0			
n-Decane	1.7653	1.8547	2.0359 1.9854	1.9057	1.7994	Ave		1.8911				5.6		20.0			
1,3-Dichlorobenzene	1.3671	1.4954	1.4385 1.5350	1.4524	1.3561	Ave		1.4408				4.9		20.0			
1,4-Dichlorobenzene	1.4648	1.5862	1.5746 1.6140	1.4300	1.4050	Ave		1.5124				5.9		20.0			
Benzyl alcohol	0.7301	0.7457	0.6589 0.7567	0.7446	0.6548	Ave		0.7151				6.4		20.0			
1,2-Dichlorobenzene	1.3297	1.4831	1.4117 1.5560	1.3541	1.3121	Ave		1.4078				6.8		20.0			
2-Methylphenol	0.9399	1.1269	1.0595 1.0515	1.0547	0.9768	Ave		1.0349		0.7000	6.4			20.0			
2,2'-oxybis[1-chloropropane]	2.3816	2.5261	2.8788 2.4004	2.6681	2.5827	Ave		2.5729		0.0100	7.2			20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 300631
SDG No.: _____
Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 05/23/2015 15:21 Calibration End Date: 05/23/2015 17:59 Calibration ID: 50081

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Acetophenone	2.0930	2.2533	2.3238 2.1167	2.2933	2.1877	Ave		2.2113			0.0100	4.3		20.0			
N-Nitrosodi-n-propylamine	1.4837 1.4477	1.4694 1.5471	1.7824 1.3453	1.5990	1.5344	Ave		1.5261			0.5000	8.4		20.0			
3 & 4 Methylphenol	1.2209	1.2826	1.2989 1.2388	1.1892	1.2554	Ave		1.2476				3.2		20.0			
4-Methylphenol	1.1790	1.2127	1.2686 1.2007	1.1446	1.1917	Ave		1.1996			0.6000	3.4		20.0			
Hexachloroethane	0.7026 0.8061	0.7941 0.8386	0.9025 0.8356	0.8384	0.7833	Ave		0.8127			0.3000	7.1		20.0			
Nitrobenzene	0.9032 0.9990	0.9839 1.0511	0.9860 1.0190	0.9666	1.0163	Ave		0.9906			0.2000	4.4		20.0			
n,n'-Dimethylaniline	1.8269	1.9408	1.6431 1.8664	1.6485	1.7482	Ave		1.7790				6.8		20.0			
Isophorone	1.1391 1.1057	1.2245 1.1628	1.2245 1.0721	1.2126	1.1687	Ave		1.1551			0.4000	4.7		20.0			
2-Nitrophenol	0.2208	0.2638	0.2276 0.2588	0.2157	0.2340	Ave		0.2368			0.1000	8.5		20.0			
2,4-Dimethylphenol	0.3090	0.3265	0.3059 0.3306	0.3065	0.3124	Ave		0.3151			0.2000	3.4		20.0			
Bis(2-chloroethoxy)methane	0.4782	0.5253	0.5005 0.5141	0.5010	0.4906	Ave		0.5016			0.3000	3.3		20.0			
Benzoic acid	0.2226	0.2490	0.1592 0.1933	0.1905	0.2349	Ave		0.2083				16.0		20.0			
2,4-Dichlorophenol	0.3930	0.4518	0.4091 0.4251	0.4124	0.4096	Ave		0.4168			0.2000	4.8		20.0			
1,2,4-Trichlorobenzene	0.6033 0.5222	0.5262 0.5711	0.5351 0.5609	0.5435	0.5052	Ave		0.5459				5.7		20.0			
Naphthalene	0.8974	1.0984	0.8910 1.0566	0.9098	0.8931	Ave		0.9577			0.7000	9.8		20.0			
4-Chloroaniline	0.3981	0.4491	0.4403 0.4138	0.4176	0.4072	Ave		0.4210			0.0100	4.7		20.0			
Hexachlorobutadiene	0.4101 0.4182	0.4700 0.4460	0.4843 0.4736	0.4492	0.4223	Ave		0.4467			0.0100	6.2		20.0			
4-Chloro-3-methylphenol	0.4280	0.4636	0.4545 0.4204	0.4703	0.4374	Ave		0.4457			0.2000	4.5		20.0			
2-Methylnaphthalene	0.7211	0.8451	0.7179 0.8334	0.7411	0.7131	Ave		0.7620			0.4000	8.0		20.0			
1-Methylnaphthalene	0.6402	0.7657	0.7281 0.6947	0.6959	0.7334	Ave		0.7097				6.1		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 300631

SDG No.: _____

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/23/2015 15:21 Calibration End Date: 05/23/2015 17:59 Calibration ID: 50081

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Hexachlorocyclopentadiene	0.6377	0.6151	0.4652 0.7082	0.4712	0.5118	Ave		0.5682			0.0500	17.6		20.0			
1,2,4,5-Tetrachlorobenzene	1.0133	0.9196	0.9529 1.0324	0.8681	0.8504	Ave		0.9394			0.0100	7.9		20.0			
2-tertbutyl-4-methylphenol	0.6484	0.7058	0.6735 0.6513	0.6715	0.6838	Ave		0.6724				3.2		20.0			
2,4,6-Trichlorophenol	0.5699	0.5394 0.5092	0.5678 0.5799	0.4888	0.4990	Ave		0.5363			0.2000	7.0		20.0			
2,4,5-Trichlorophenol	0.5929	0.6039	0.5450 0.6171	0.5423	0.5134	Ave		0.5691			0.2000	7.2		20.0			
1,1'-Biphenyl	1.4454	1.4058	1.2990 1.6268	1.2296	1.2278	Ave		1.3724			0.0100	11.2		20.0			
2-Chloronaphthalene	1.2262	1.1282	1.1088 1.3172	0.9974	1.1007	Ave		1.1464			0.8000	9.7		20.0			
Phenyl ether	0.9174	0.8016	0.8059 0.9195	0.7459	0.8248	Ave		0.8358				8.3		20.0			
2-Nitroaniline	0.7733	0.6965	0.7478 0.7276	0.7154	0.7232	Ave		0.7306			0.0100	3.7		20.0			
1,3-Dimethylnaphthalene	0.9309	0.8883	0.8868 1.0511	0.7764	0.8842	Ave		0.9029				9.9		20.0			
Dimethyl phthalate	1.4463	1.4093	1.6159 1.4873	1.6349	1.4572	Ave		1.5085			0.0100	6.2		20.0			
Coumarin	0.2483	0.2732	0.2639 0.2439	0.2682	0.2870	Ave		0.2641				6.1		20.0			
2,6-Dinitrotoluene	0.3544	0.3716 0.3445	0.3791 0.3593	0.3552	0.3435	Ave		0.3582			0.2000	3.7		20.0			
Acenaphthylene	1.5849	1.4876	1.5467 1.5995	1.5038	1.4740	Ave		1.5327			0.9000	3.4		20.0			
3-Nitroaniline	0.2796	0.2617	0.2709 0.2774	0.2679	0.2772	Ave		0.2724			0.0100	2.5		20.0			
3,5-di-tert-butyl-4-hydroxytol	1.5021	1.3196	1.2180 1.3807	1.1536	1.2968	Ave		1.3118				9.3		20.0			
Acenaphthene	1.2280	1.2106	1.0440 1.2937	0.8969	0.9781	Ave		1.1086			0.9000	14.3		20.0			
2,4-Dinitrophenol	0.2888	0.2791	0.2134 0.3013	0.2454	0.2667	Ave		0.2658			0.0100	12.0		20.0			
4-Nitrophenol	0.4336	0.4382	0.4458 0.4395	0.4134	0.4357	Ave		0.4344			0.0100	2.5		20.0			
2,4-Dinitrotoluene	0.4793	0.4052 0.4719	0.4971 0.5286	0.4897	0.4833	Ave		0.4793			0.2000	7.8		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 300631
SDG No.: _____
Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 05/23/2015 15:21 Calibration End Date: 05/23/2015 17:59 Calibration ID: 50081

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Dibenzofuran	1.7360	1.6025	1.7101 1.7140	1.5851	1.5606	Ave		1.6514			0.8000	4.7		20.0			
2,3,4,6-Tetrachlorophenol	0.5416	0.5082	0.5418 0.5269	0.5196	0.5332	Ave		0.5285			0.0100	2.5		20.0			
Diethyl phthalate	1.5123	1.4612	1.6083 1.5222	1.5610	1.5043	Ave		1.5282			0.0100	3.3		20.0			
Fluorene	1.4041	1.3887	1.3131 1.4532	1.2070	1.2475	Ave		1.3356			0.9000	7.2		20.0			
4-Chlorophenyl phenyl ether	0.8740	0.8063	0.8780 0.8542	0.8159	0.8204	Ave		0.8415			0.4000	3.7		20.0			
4-Nitroaniline	0.2710	0.2129	0.2663 0.2366	0.2601	0.2463	Ave		0.2489			0.0100	8.8		20.0			
4,6-Dinitro-2-methylphenol	0.2144	0.1189 0.2260	0.1792 0.2202	0.1904	0.1998	Lin2	-0.039	0.2120			0.0100				0.9970		0.9900
N-Nitrosodiphenylamine	0.5719	0.5430	0.4766 0.5633	0.4655	0.5048	Ave		0.5209			0.0100	8.7		20.0			
1,2-Diphenylhydrazine	1.0354	0.9501	1.0373 0.9566	1.0143	0.9853	Ave		0.9965				3.9		20.0			
4-Bromophenyl phenyl ether	0.3532	0.3289	0.3323 0.3279	0.3185	0.2848	Ave		0.3243			0.1000	6.9		20.0			
Hexachlorobenzene	0.4251 0.4070	0.4209 0.4042	0.4055 0.3884	0.4126	0.3899	Ave		0.4067			0.1000	3.2		20.0			
Pentachlorophenol	0.2878	0.2927	0.2678 0.2636	0.2532	0.2811	Ave		0.2744			0.0500	5.6		20.0			
Pentachloronitrobenzene	0.1899	0.1735	0.1899 0.1747	0.1640	0.1816	Ave		0.1789			0.0100	5.7		20.0			
n-Octadecane	0.5872	0.6025	0.5513 0.5905	0.5343	0.5079	Ave		0.5623				6.6		20.0			
Phenanthrene	1.0081	1.0444	1.1425 0.9951	1.0515	1.0303	Ave		1.0453			0.7000	5.0		20.0			
Anthracene	1.0676	1.1047	1.1254 1.0640	1.1159	1.0115	Ave		1.0815			0.7000	3.9		20.0			
Carbazole	0.8802	0.8925	0.8990 0.9066	0.8455	0.8553	Ave		0.8799			0.0100	2.8		20.0			
Di-n-butyl phthalate	1.2561	1.2358	1.3740 1.1686	1.3178	1.2809	Ave		1.2722			0.0100	5.5		20.0			
Fluoranthene	1.1339	1.1883	1.2484 1.1689	1.2056	1.1056	Ave		1.1751			0.6000	4.3		20.0			
Benzidine	0.5866	0.6217	0.4550 0.7251	0.4396	0.5524	Ave		0.5634				19.0		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 300631
SDG No.: _____
Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 05/23/2015 15:21 Calibration End Date: 05/23/2015 17:59 Calibration ID: 50081

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Pyrene	1.2193	1.2806	1.4926 1.1348	1.3913	1.3602	Ave		1.3131			0.6000	9.8		20.0			
Bisphenol-A	0.5338	0.5971	0.3970 0.5829	0.3897	0.4322	Ave		0.4888				19.2		20.0			
Butyl benzyl phthalate	0.5481	0.6016	0.6368 0.5635	0.5740	0.5939	Ave		0.5863			0.0100	5.4		20.0			
2,3,7,8-TCDD	0.1570					Ave		0.1570						20.0			
Carbamazepine	0.4870	0.4953	0.4621 0.4979	0.4518	0.4771	Ave		0.4785				3.9		20.0			
3,3'-Dichlorobenzidine	0.5363	0.5114	0.3953 0.5112	0.4576	0.4687	Ave		0.4745			0.0100	10.3		20.0			
Benzo[a]anthracene	1.2374 1.1306	1.2818 1.1880	1.2411 1.1233	1.1984	1.1431	Ave		1.1930			0.8000	4.9		20.0			
Chrysene	1.0458	1.0453 1.0796	1.1451 1.0092	1.1630	1.0797	Ave		1.0811			0.7000	5.1		20.0			
Bis(2-ethylhexyl) phthalate	0.7435	0.8092 0.8471	0.7493 0.8108	0.7513	0.7876	Ave		0.7856			0.0100	5.0		20.0			
Di-n-octyl phthalate	1.2282	1.2242	1.3384 1.2845	1.2357	1.3237	Ave		1.2725			0.0100	4.0		20.0			
Benzo[b]fluoranthene	1.0096 1.0819	1.0033 1.1175	1.1367 1.3101	1.1248	1.1048	Ave		1.1111			0.7000	8.6		20.0			
Benzo[k]fluoranthene	1.1552 1.1252	1.2374 1.1579	1.1750 1.0473	1.1982	1.2460	Ave		1.1678			0.7000	5.5		20.0			
Benzo[a]pyrene	0.9499 0.9801	1.0113 1.0738	1.0615 1.0840	1.0348	1.0267	Ave		1.0277			0.7000	4.5		20.0			
Indeno[1,2,3-cd]pyrene	0.7130 1.0685	0.8118 1.1455	0.8906 1.3663	0.9131	0.9373	QuaF		0.8075	0.0230108		0.5000				1.0000		0.9900
Dibenz(a,h)anthracene	0.8002 1.0443	0.8776 1.1358	0.8884 1.1797	0.9454	0.9616	Ave		0.9791			0.4000	13.4		20.0			
Benzo[g,h,i]perylene	1.0001	1.1454	1.0261 1.2315	0.9944	0.9453	Ave		1.0572			0.5000	10.3		20.0			
2-Fluorophenol	1.0599	0.9406 1.2693	1.1496 1.2008	1.1589	0.9888	Ave		1.1097				10.6		20.0			
Phenol-d5	1.5605	1.4250 1.7141	1.7603 1.6456	1.5704	1.4965	Ave		1.5961				7.4		20.0			
Nitrobenzene-d5	0.7293 0.7053	0.6632 0.8319	0.7291 0.7446	0.7840	0.6905	Ave		0.7347				7.3		20.0			
2-Fluorobiphenyl	1.7960 1.6777	1.4141 1.5384	1.5181 1.6830	1.4091	1.3711	Ave		1.5509				9.9		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 300631

SDG No.: _____

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/23/2015 15:21 Calibration End Date: 05/23/2015 17:59 Calibration ID: 50081

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
2,4,6-Tribromophenol		0.4969	0.4914	0.4498	0.4497	Ave		0.4621				5.1		20.0			
	0.4652	0.4477	0.4343														
Terphenyl-d14	1.2043	1.1472	1.2046	1.0862	1.0712	Ave		1.1034				8.3		20.0			
	1.0349	1.1427	0.9358														

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 300631

SDG No.: _____

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/23/2015 15:21 Calibration End Date: 05/23/2015 17:59 Calibration ID: 50081

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-300631/9	M93095.D
Level 2	STD02 460-300631/8	M93094.D
Level 3	STD1 460-300631/7	M93093.D
Level 4	STD2 460-300631/6	M93092.D
Level 5	STD4 460-300631/5	M93091.D
Level 6	ICIS 460-300631/2	M93088.D
Level 7	STD16 460-300631/4	M93090.D
Level 8	STD24 460-300631/3	M93089.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,4-Dioxane	DCB	Ave	378093	527313	34257 879133	72337	135073	10.0	16.0	1.00 24.0	2.00	4.00
N-Nitrosodimethylamine	DCB	Ave	677164	936793	60352 1381283	123349	223079	10.0	16.0	1.00 24.0	2.00	4.00
Pyridine	DCB	Ave	967114	1290050	76236 2047830	152341	316782	10.0	16.0	1.00 24.0	2.00	4.00
Phenol	DCB	Ave	1278031	1763651	103607 2747234	190305	406003	10.0	16.0	1.00 24.0	2.00	4.00
Aniline	DCB	Ave	1403069	1971683	124133 3051525	253681	487905	10.0	16.0	1.00 24.0	2.00	4.00
Bis(2-chloroethyl)ether	DCB	Ave	7687 956248	24201 1425079	81360 2044779	173856	320597	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
2-Chlorophenol	DCB	Ave	791026	1090676	68499 1765472	131323	272484	10.0	16.0	1.00 24.0	2.00	4.00
n-Decane	DCB	Ave	1291782	1733555	123245 2955535	234462	435492	10.0	16.0	1.00 24.0	2.00	4.00
1,3-Dichlorobenzene	DCB	Ave	1000399	1397767	87077 2285054	178692	328214	10.0	16.0	1.00 24.0	2.00	4.00
1,4-Dichlorobenzene	DCB	Ave	1071901	1482544	95315 2402713	175936	340035	10.0	16.0	1.00 24.0	2.00	4.00
Benzyl alcohol	DCB	Ave	534225	697029	39887 1126399	91608	158473	10.0	16.0	1.00 24.0	2.00	4.00
1,2-Dichlorobenzene	DCB	Ave	973030	1386263	85456 2316276	166605	317552	10.0	16.0	1.00 24.0	2.00	4.00
2-Methylphenol	DCB	Ave	687774	1053295	64137 1565256	129765	236399	10.0	16.0	1.00 24.0	2.00	4.00
2,2'-oxybis[1-chloropropane]	DCB	Ave	1742737	2361092	174270 3573258	328263	625080	10.0	16.0	1.00 24.0	2.00	4.00
Acetophenone	DCB	Ave	1531562	2106149	140670 3150950	282151	529464	10.0	16.0	1.00 24.0	2.00	4.00

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 300631

SDG No.: _____

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/23/2015 15:21 Calibration End Date: 05/23/2015 17:59 Calibration ID: 50081

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
N-Nitrosodi-n-propylamine	DCB	Ave	8994 1059407	22104 1446080	107895 2002639	196728	371355	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
3 & 4 Methylphenol	DCB	Ave	893421	1198806	78628 1844135	146314	303831	10.0	16.0	1.00 24.0	2.00	4.00
4-Methylphenol	DCB	Ave	862764	1133510	76797 1787414	140822	288414	10.0	16.0	1.00 24.0	2.00	4.00
Hexachloroethane	DCB	Ave	4259 589865	11945 783833	54634 1243930	103157	189569	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Nitrobenzene	NPT	Ave	18020 2172556	45052 2836812	196537 4078276	379634	766966	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
n,n'-Dimethylaniline	DCB	Ave	1336859	1813996	99466 2778350	202820	423094	10.0	16.0	1.00 24.0	2.00	4.00
Isophorone	NPT	Ave	2404706	52158 3138416	244087 4290875	476244	881965	10.0	0.200 16.0	1.00 24.0	2.00	4.00
2-Nitrophenol	NPT	Ave	480123	711981	45373 1035835	84719	176557	10.0	16.0	1.00 24.0	2.00	4.00
2,4-Dimethylphenol	NPT	Ave	671895	881073	60976 1323043	120367	235744	10.0	16.0	1.00 24.0	2.00	4.00
Bis(2-chloroethoxy)methane	NPT	Ave	1039942	1417831	99768 2057723	196757	370253	10.0	16.0	1.00 24.0	2.00	4.00
Benzoic acid	NPT	Ave	484068	672134	31730 773696	74826	177282	10.0	16.0	1.00 24.0	2.00	4.00
2,4-Dichlorophenol	NPT	Ave	854606	1219386	81540 1701426	161987	309094	10.0	16.0	1.00 24.0	2.00	4.00
1,2,4-Trichlorobenzene	NPT	Ave	12035 1135672	24092 1541300	106669 2244946	213460	381267	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Naphthalene	NPT	Ave	1951558	2964469	177607 4228719	357312	673986	10.0	16.0	1.00 24.0	2.00	4.00
4-Chloroaniline	NPT	Ave	865751	1212125	87773 1656193	163998	307321	10.0	16.0	1.00 24.0	2.00	4.00
Hexachlorobutadiene	NPT	Ave	8181 909514	21521 1203712	96545 1895616	176435	318657	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
4-Chloro-3-methylphenol	NPT	Ave	930877	1251164	90587 1682436	184702	330089	10.0	16.0	1.00 24.0	2.00	4.00
2-Methylnaphthalene	NPT	Ave	1568235	2280846	143097 3335419	291084	538171	10.0	16.0	1.00 24.0	2.00	4.00
1-Methylnaphthalene	NPT	Ave	1392269	2066598	145128 2780314	273333	553417	10.0	16.0	1.00 24.0	2.00	4.00
Hexachlorocyclopentadiene	ANT	Ave	864857	1243701	66862 1731376	143236	283383	10.0	16.0	1.00 24.0	2.00	4.00
1,2,4,5-Tetrachlorobenzene	ANT	Ave	1374156	1859345	136979 2524003	263882	470866	10.0	16.0	1.00 24.0	2.00	4.00

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 300631

SDG No.: _____

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/23/2015 15:21 Calibration End Date: 05/23/2015 17:59 Calibration ID: 50081

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
2-tertbutyl-4-methylphenol	NPT	Ave	1410211	1904878	134241 2606716	263739	516037	10.0	16.0	1.00 24.0	2.00	4.00
2,4,6-Trichlorophenol	ANT	Ave	772875	18891 1029538	81617 1417744	148577	276285	10.0	0.200 16.0	1.00 24.0	2.00	4.00
2,4,5-Trichlorophenol	ANT	Ave	804030	1221185	78336 1508774	164858	284264	10.0	16.0	1.00 24.0	2.00	4.00
1,1'-Biphenyl	ANT	Ave	1960254	2842508	186718 3977380	373773	679872	10.0	16.0	1.00 24.0	2.00	4.00
2-Chloronaphthalene	ANT	Ave	1662951	2281205	159375 3220288	303178	609507	10.0	16.0	1.00 24.0	2.00	4.00
Phenyl ether	ANT	Ave	1244104	1620805	115838 2248097	226733	456708	10.0	16.0	1.00 24.0	2.00	4.00
2-Nitroaniline	ANT	Ave	1048711	1408356	107489 1778806	217478	400460	10.0	16.0	1.00 24.0	2.00	4.00
1,3-Dimethylnaphthalene	ANT	Ave	1262460	1796180	127466 2569699	236005	489623	10.0	16.0	1.00 24.0	2.00	4.00
Dimethyl phthalate	ANT	Ave	1961407	2849673	232268 3636158	496961	806906	10.0	16.0	1.00 24.0	2.00	4.00
Coumarin	NPT	Ave	539995	737353	52605 976167	105324	216586	10.0	16.0	1.00 24.0	2.00	4.00
2,6-Dinitrotoluene	ANT	Ave	480681	13016 696663	54498 878416	107975	190182	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Acenaphthylene	ANT	Ave	2149381	3007967	222324 3910482	457107	816165	10.0	16.0	1.00 24.0	2.00	4.00
3-Nitroaniline	ANT	Ave	379243	529126	38936 678200	81443	153469	10.0	16.0	1.00 24.0	2.00	4.00
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	2037131	2668208	175083 3375640	350665	718048	10.0	16.0	1.00 24.0	2.00	4.00
Acenaphthene	ANT	Ave	1665438	2447830	150073 3162970	272629	541577	10.0	16.0	1.00 24.0	2.00	4.00
2,4-Dinitrophenol	ANT	Ave	783205	1128599	61362 1473247	149215	295351	20.0	32.0	2.00 48.0	4.00	8.00
4-Nitrophenol	ANT	Ave	1175935	1772099	128171 2148975	251342	482481	20.0	32.0	2.00 48.0	4.00	8.00
2,4-Dinitrotoluene	ANT	Ave	649951	14190 954290	71457 1292401	148871	267596	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Dibenzofuran	ANT	Ave	2354282	3240256	245816 4190496	481836	864162	10.0	16.0	1.00 24.0	2.00	4.00
2,3,4,6-Tetrachlorophenol	ANT	Ave	734442	1027498	77887 1288135	157930	295263	10.0	16.0	1.00 24.0	2.00	4.00
Diethyl phthalate	ANT	Ave	2050965	2954524	231176 3721523	474514	832986	10.0	16.0	1.00 24.0	2.00	4.00

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 300631

SDG No.: _____

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/23/2015 15:21 Calibration End Date: 05/23/2015 17:59 Calibration ID: 50081

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Fluorene	ANT	Ave	1904212	2807890	188746 3552999	366883	690775	10.0	16.0	1.00 24.0	2.00	4.00
4-Chlorophenyl phenyl ether	ANT	Ave	1185303	1630356	126208 2088474	248006	454252	10.0	16.0	1.00 24.0	2.00	4.00
4-Nitroaniline	ANT	Ave	367530	430432	38280 578368	79070	136377	10.0	16.0	1.00 24.0	2.00	4.00
4,6-Dinitro-2-methylphenol	PHN	Lin2	973535	15309 1416379	94466 1794463	202503	396835	20.0	0.400 32.0	2.00 48.0	4.00	8.00
N-Nitrosodiphenylamine	PHN	Ave	1298508	1701508	125643 2295596	247496	501395	10.0	16.0	1.00 24.0	2.00	4.00
1,2-Diphenylhydrazine	PHN	Ave	2350722	2977061	273438 3898552	539257	978586	10.0	16.0	1.00 24.0	2.00	4.00
4-Bromophenyl phenyl ether	PHN	Ave	801947	1030535	87584 1336126	169353	282871	10.0	16.0	1.00 24.0	2.00	4.00
Hexachlorobenzene	PHN	Ave	11621 924029	27107 1266639	106887 1582744	219372	387250	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Pentachlorophenol	PHN	Ave	1306812	1834106	141199 2148923	269234	558283	20.0	32.0	2.00 48.0	4.00	8.00
Pentachloronitrobenzene	PHN	Ave	431250	543773	50047 711966	87180	180367	10.0	16.0	1.00 24.0	2.00	4.00
n-Octadecane	PHN	Ave	1333176	1887967	145318 2406679	284096	504458	10.0	16.0	1.00 24.0	2.00	4.00
Phenanthrene	PHN	Ave	2288763	3272681	301159 4055325	559042	1023279	10.0	16.0	1.00 24.0	2.00	4.00
Anthracene	PHN	Ave	2423941	3461436	296642 4336356	593317	1004597	10.0	16.0	1.00 24.0	2.00	4.00
Carbazole	PHN	Ave	1998497	2796564	236962 3694844	449549	849483	10.0	16.0	1.00 24.0	2.00	4.00
Di-n-butyl phthalate	PHN	Ave	2851796	3872357	362193 4762574	700639	1272112	10.0	16.0	1.00 24.0	2.00	4.00
Fluoranthene	PHN	Ave	2574337	3723454	329073 4763860	640970	1098025	10.0	16.0	1.00 24.0	2.00	4.00
Benzidine	PHN	Ave	1331761	1948037	119947 2954998	233735	548603	10.0	16.0	1.00 24.0	2.00	4.00
Pyrene	CRY	Ave	2569661	3530101	340910 4949487	622716	1173379	10.0	16.0	1.00 24.0	2.00	4.00
Bisphenol-A	CRY	Ave	1124904	1645871	90686 2542233	174440	372846	10.0	16.0	1.00 24.0	2.00	4.00
Butyl benzyl phthalate	CRY	Ave	1155114	1658270	145445 2457891	256922	512293	10.0	16.0	1.00 24.0	2.00	4.00
2,3,7,8-TCDD	CRY	Ave	3308					0.100				

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 300631

SDG No.: _____

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/23/2015 15:21 Calibration End Date: 05/23/2015 17:59 Calibration ID: 50081

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Carbamazepine	CRY	Ave	1026320	1365374	105547 2171520	202208	411535	10.0	16.0	1.00 24.0	2.00	4.00
3,3'-Dichlorobenzidine	CRY	Ave	1130326	20054 1409777	100755 2229732	204805	404269	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[a]anthracene	CRY	Ave	29948 2382748	65028 3274851	283468 4899074	536384	986048	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Chrysene	CRY	Ave	2204006	53028 2976095	261544 4401557	520559	931369	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Bis(2-ethylhexyl) phthalate	CRY	Ave	1566911	41053 2335133	171155 3536344	336268	679442	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Di-n-octyl phthalate	PRY	Ave	2469493	3331614	260418 5515656	512275	964087	10.0	16.0	1.00 24.0	2.00	4.00
Benzo[b]fluoranthene	PRY	Ave	20487 2175254	40936 3041082	221169 5625668	466297	804684	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[k]fluoranthene	PRY	Ave	23442 2262332	50488 3151032	228622 4497275	496702	907473	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[a]pyrene	PRY	Ave	19275 1970540	41262 2922229	206530 4654484	428971	747745	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Indeno[1,2,3-cd]pyrene	PRY	QuaF	14468 2148294	33123 3117321	173289 5866788	378539	682655	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Dibenz(a,h)anthracene	PRY	Ave	16237 2099720	35809 3091040	172852 5065654	391925	700383	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[g,h,i]perylene	PRY	Ave	2010845	3117273	199654 5288204	412232	688459	10.0	16.0	1.00 24.0	2.00	4.00
2-Fluorophenol	DCB	Ave	775581	14149 1186378	69592 1787614	142587	239311	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Phenol-d5	DCB	Ave	1141882	21437 1602134	106561 2449673	193214	362198	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Nitrobenzene-d5	NPT	Ave	14550 1533849	30365 2245244	145332 2980208	307926	521063	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
2-Fluorobiphenyl	ANT	Ave	23698 2275176	49525 3110607	218216 4114757	428331	759235	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
2,4,6-Tribromophenol	ANT	Ave	630826	17404 905179	70637 1061721	136728	249036	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Terphenyl-d14	CRY	Ave	29146 2181096	58199 3149965	275147 4081455	486161	924084	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93088.D
 Lims ID: ICIS
 Client ID:
 Sample Type: ICIS Calib Level: 6
 Inject. Date: 23-May-2015 15:21:30 ALS Bottle#: 2 Worklist Smp#: 2
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027763-002
 Operator ID: Instrument ID: CBNAMS6
 Sublist: chrom-8270LVI_R6*sub19
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\8270LVI_R6.m
 Limit Group: SV 8270D ICAL
 Last Update: 24-May-2015 09:22:27 Calib Date: 23-May-2015 20:34:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93102.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK024

First Level Reviewer: baig

Date: 23-May-2015 15:36:15

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.702	1.702	0.000	88	378093	10.0	9.16	
2 N-Nitrosodimethylamine	74	1.917	1.917	0.000	54	677164	10.0	9.61	
3 Pyridine	79	1.947	1.947	0.000	68	967114	10.0	10.1	
\$ 4 2-Fluorophenol	112	3.021	3.021	0.000	65	775581	10.0	9.55	
\$ 6 Phenol-d5	99	3.943	3.943	0.000	69	1141882	10.0	9.78	
7 Phenol	94	3.958	3.958	0.000	64	1278031	10.0	10.1	
8 Aniline	93	3.964	3.964	0.000	91	1403069	10.0	9.43	
9 Bis(2-chloroethyl)ether	93	4.037	4.037	0.000	85	956248	10.0	9.36	
10 Benzonitrile	103	4.060	4.060	0.000	84	1648309	NC	NC	
11 2-Chlorophenol	128	4.090	4.090	0.000	68	791026	10.0	9.60	
12 n-Decane	43	4.149	4.149	0.000	86	1291782	10.0	9.33	
13 1,3-Dichlorobenzene	146	4.238	4.238	0.000	81	1000399	10.0	9.49	
* 14 1,4-Dichlorobenzene-d4	152	4.291	4.291	0.000	90	585411	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.313	4.313	0.000	80	1071901	10.0	9.69	
17 Benzyl alcohol	108	4.440	4.440	0.000	77	534225	10.0	10.2	
18 1,2-Dichlorobenzene	146	4.463	4.463	0.000	83	973030	10.0	9.45	
19 2-Methylphenol	108	4.560	4.560	0.000	61	687774	10.0	9.08	
20 2,2'-oxybis[1-chloropropan	45	4.582	4.582	0.000	79	1742737	10.0	9.26	
23 N-Methylaniline	106	4.701	4.701	0.000	75	1422132	NC	NC	
24 Acetophenone	105	4.709	4.709	0.000	94	1531562	10.0	9.46	
25 N-Nitrosodi-n-propylamine	70	4.716	4.716	0.000	92	1059407	10.0	9.49	
21 4-Methylphenol	108	4.724	4.724	0.000	83	862764	10.0	9.83	
26 3 & 4 Methylphenol	108	4.724	4.724	0.000	62	893421	10.0	9.79	
27 Hexachloroethane	117	4.806	4.806	0.000	84	589865	10.0	9.92	
\$ 28 Nitrobenzene-d5	82	4.859	4.859	0.000	96	1533849	10.0	9.60	
29 Nitrobenzene	77	4.881	4.881	0.000	78	2172556	10.0	10.1	
30 n,n'-Dimethylaniline	120	4.889	4.889	0.000	91	1336859	10.0	10.3	
31 Isophorone	82	5.127	5.127	0.000	93	2404706	10.0	9.57	
32 2-Nitrophenol	139	5.201	5.201	0.000	69	480123	10.0	9.32	
33 2,4-Dimethylphenol	122	5.253	5.253	0.000	72	671895	10.0	9.80	
34 Bis(2-chloroethoxy)methane	93	5.342	5.342	0.000	85	1039942	10.0	9.53	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.409	5.409	0.000	84	484068	10.0	10.7	
36 2,4-Dichlorophenol	162	5.447	5.447	0.000	81	854606	10.0	9.43	
37 1,2,4-Trichlorobenzene	180	5.530	5.530	0.000	90	1135672	10.0	9.57	
* 38 Naphthalene-d8	136	5.582	5.582	0.000	96	1739795	8.00	8.00	
39 Naphthalene	128	5.604	5.604	0.000	94	1951558	10.0	9.37	
40 4-Chloroaniline	127	5.664	5.664	0.000	82	865751	10.0	9.46	
41 Hexachlorobutadiene	225	5.739	5.739	0.000	91	909514	10.0	9.36	
44 4-Chloro-3-methylphenol	107	6.156	6.156	0.000	85	930877	10.0	9.60	
45 2-Methylnaphthalene	142	6.298	6.298	0.000	81	1568235	10.0	9.46	
46 1-Methylnaphthalene	142	6.401	6.401	0.000	84	1392269	10.0	9.02	
47 Hexachlorocyclopentadiene	237	6.469	6.469	0.000	94	864857	10.0	11.2	
48 1,2,4,5-Tetrachlorobenzene	216	6.476	6.476	0.000	94	1374156	10.0	10.8	
49 2-tertbutyl-4-methylphenol	149	6.514	6.514	0.000	82	1410211	10.0	9.64	
50 2,4,6-Trichlorophenol	196	6.589	6.589	0.000	86	772875	10.0	10.6	
51 2,4,5-Trichlorophenol	196	6.619	6.619	0.000	89	804030	10.0	10.4	
\$ 52 2-Fluorobiphenyl	172	6.672	6.672	0.000	96	2275176	10.0	10.8	
53 1,1'-Biphenyl	154	6.770	6.770	0.000	96	1960254	10.0	10.5	
54 2-Chloronaphthalene	162	6.785	6.785	0.000	94	1662951	10.0	10.7	
55 Phenyl ether	170	6.872	6.872	0.000	85	1244104	10.0	11.0	
57 2-Nitroaniline	65	6.895	6.895	0.000	81	1048711	10.0	10.6	
58 1,3-Dimethylnaphthalene	156	7.005	7.005	0.000	85	1262460	10.0	10.3	
59 Dimethyl phthalate	163	7.088	7.088	0.000	96	1961407	10.0	9.59	
60 Coumarin	146	7.096	7.096	0.000	73	539995	10.0	9.40	
61 2,6-Dinitrotoluene	165	7.139	7.139	0.000	76	480681	10.0	9.89	
62 Acenaphthylene	152	7.199	7.199	0.000	96	2149381	10.0	10.3	
63 3-Nitroaniline	138	7.304	7.304	0.000	79	379243	10.0	10.3	
* 64 Acenaphthene-d10	164	7.341	7.341	0.000	92	1084933	8.00	8.00	
66 Acenaphthene	154	7.371	7.371	0.000	92	1665438	10.0	11.1	M
65 3,5-di-tert-butyl-4-hydrox	205	7.371	7.371	0.000	96	2037131	10.0	11.5	
67 2,4-Dinitrophenol	184	7.409	7.409	0.000	82	783205	20.0	21.7	
69 4-Nitrophenol	65	7.485	7.485	0.000	79	1175935	20.0	20.0	
70 2,4-Dinitrotoluene	165	7.537	7.537	0.000	84	649951	10.0	10.0	
71 Dibenzofuran	168	7.545	7.545	0.000	92	2354282	10.0	10.5	
72 2,3,4,6-Tetrachlorophenol	232	7.671	7.671	0.000	94	734442	10.0	10.2	
73 Diethyl phthalate	149	7.782	7.782	0.000	95	2050965	10.0	9.90	
74 4-Chlorophenyl phenyl ethe	204	7.880	7.880	0.000	77	1185303	10.0	10.4	
75 Fluorene	166	7.880	7.880	0.000	91	1904212	10.0	10.5	
76 4-Nitroaniline	138	7.918	7.918	0.000	81	367530	10.0	10.9	
77 4,6-Dinitro-2-methylphenol	198	7.948	7.948	0.000	82	973535	20.0	20.4	
78 N-Nitrosodiphenylamine	169	8.001	8.001	0.000	67	1298508	10.0	11.0	
79 1,2-Diphenylhydrazine	77	8.038	8.038	0.000	91	2350722	10.0	10.4	
\$ 80 2,4,6-Tribromophenol	330	8.121	8.121	0.000	95	630826	10.0	10.1	
81 4-Bromophenyl phenyl ether	248	8.364	8.364	0.000	88	801947	10.0	10.9	
82 Hexachlorobenzene	284	8.432	8.432	0.000	96	924029	10.0	10.0	
84 Pentachlorophenol	266	8.626	8.626	0.000	93	1306812	20.0	21.0	
85 Pentachloronitrobenzene	237	8.640	8.640	0.000	87	431250	10.0	10.6	
86 n-Octadecane	57	8.707	8.707	0.000	91	1333176	10.0	10.4	
* 87 Phenanthrene-d10	188	8.804	8.804	0.000	97	1816309	8.00	8.00	
88 Phenanthrene	178	8.827	8.827	0.000	97	2288763	10.0	9.64	
89 Anthracene	178	8.879	8.879	0.000	98	2423941	10.0	9.87	
90 Carbazole	167	9.034	9.034	0.000	98	1998497	10.0	10.0	
91 Di-n-butyl phthalate	149	9.383	9.383	0.000	98	2851796	10.0	9.87	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	9.994	9.994	0.000	98	2574337	10.0	9.65	
93 Benzidine	184	10.121	10.121	0.000	98	1331761	10.0	10.4	
94 Pyrene	202	10.217	10.217	0.000	98	2569661	10.0	9.29	
95 Bisphenol-A	213	10.270	10.270	0.000	0	1124904	10.0	10.9	
\$ 96 Terphenyl-d14	244	10.374	10.374	0.000	98	2181096	10.0	9.38	
97 Butyl benzyl phthalate	149	10.897	10.897	0.000	98	1155114	10.0	9.35	
98 2,3,7,8-TCDD	320	10.992	10.992	0.000	14	3308	0.1000	0.1000	
99 Carbamazepine	193	11.021	11.021	0.000	88	1026320	10.0	10.2	
100 3,3'-Dichlorobenzidine	252	11.511	11.511	0.000	98	1130326	10.0	11.3	
101 Benzo[a]anthracene	228	11.532	11.532	0.000	95	2382748	10.0	9.48	
* 102 Chrysene-d12	240	11.546	11.546	0.000	96	1686033	8.00	8.00	
104 Chrysene	228	11.581	11.581	0.000	99	2204006	10.0	9.67	
103 Bis(2-ethylhexyl) phthalat	149	11.581	11.581	0.000	88	1566911	10.0	9.46	
105 Di-n-octyl phthalate	149	12.432	12.432	0.000	97	2469493	10.0	9.65	
106 Benzo[b]fluoranthene	252	12.930	12.930	0.000	94	2175254	10.0	9.74	
107 Benzo[k]fluoranthene	252	12.966	12.966	0.000	95	2262332	10.0	9.64	
108 Benzo[a]pyrene	252	13.369	13.369	0.000	96	1970540	10.0	9.54	
* 109 Perylene-d12	264	13.444	13.444	0.000	97	1608469	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.931	14.931	0.000	94	2148294	10.0	10.2	
111 Dibenz(a,h)anthracene	278	14.973	14.973	0.000	97	2099720	10.0	10.7	
112 Benzo[g,h,i]perylene	276	15.341	15.341	0.000	93	2010845	10.0	9.46	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

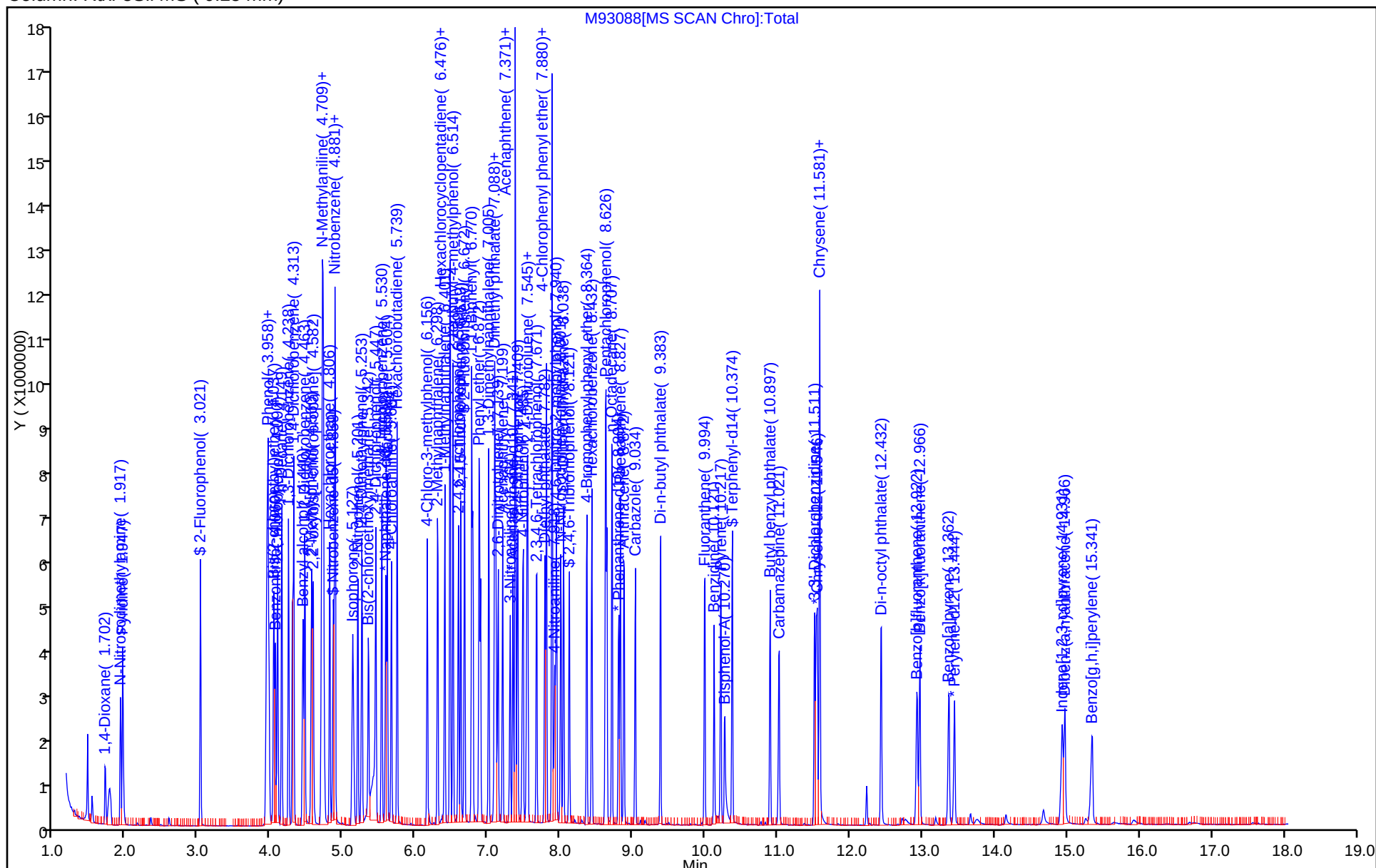
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Amount Added: 1.00

Units: mL

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Injection Date:	23-May-2015 15:21:30	Instrument ID:	CBNAMS6
Lims ID:	ICIS		
Client ID:			
Injection Vol:	5.0 ul	Dil. Factor:	1.0000
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL
Column:	Rtxi-5Sil MS (0.25 mm)		

ALS Bottle#: 2



TestAmerica Edison

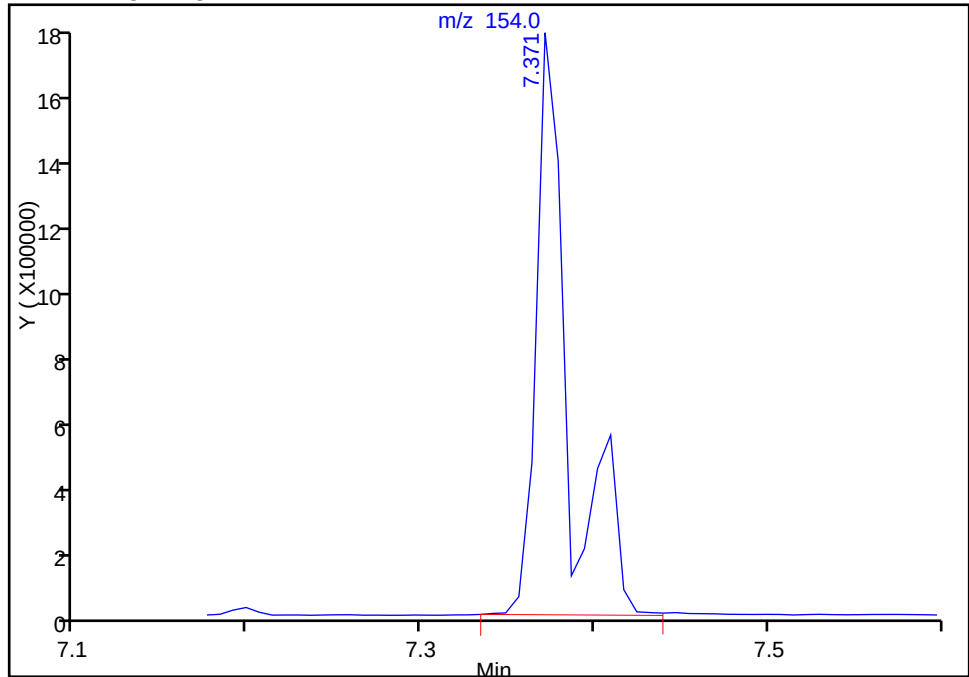
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Injection Date: 23-May-2015 15:21:30 Instrument ID: CBNAMS6
Lims ID: ICIS
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: 8270LVI_R6
Column: Rtxi-5Sil MS (0.25 mm)

ALS Bottle#: 2 Worklist Smp#: 2
Dil. Factor: 1.0000
Limit Group: SV 8270D ICAL
Detector: MS SCAN

66 Acenaphthene, CAS: 83-32-9

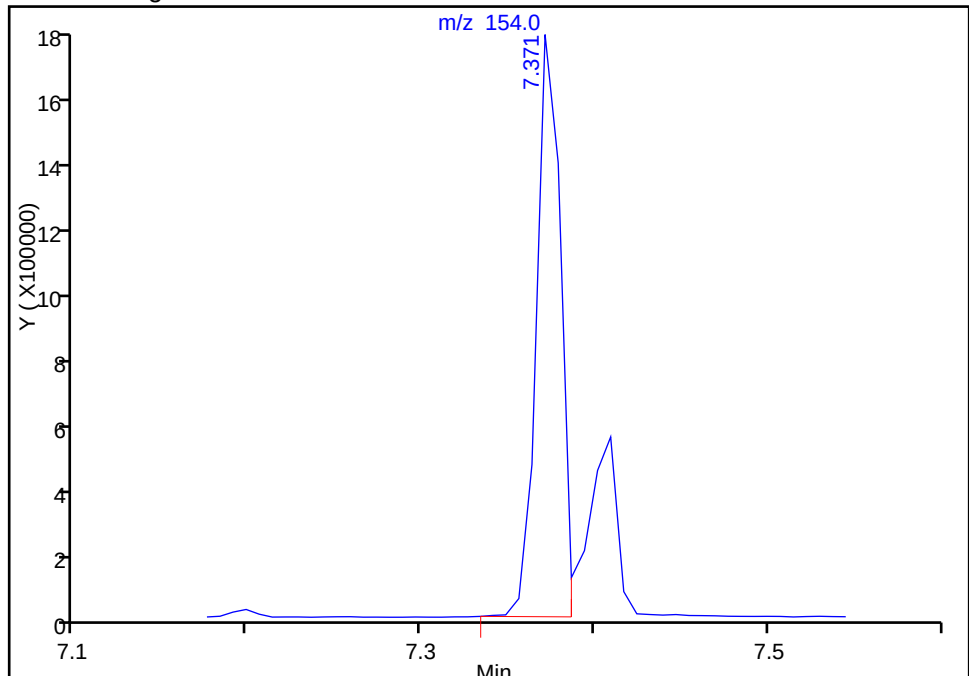
RT: 7.37
Area: 2246340
Amount: 10.000000
Amount Units: ug/ml

Processing Integration Results



RT: 7.37
Area: 1665438
Amount: 11.077899
Amount Units: ug/ml

Manual Integration Results



Reviewer: baign, 23-May-2015 15:41:11
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93089.D
 Lims ID: STD24
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 23-May-2015 15:46:30 ALS Bottle#: 3 Worklist Smp#: 3
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027763-003
 Operator ID: Instrument ID: CBNAMS6
 Sublist: chrom-8270LVI_R6*sub19
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\8270LVI_R6.m
 Limit Group: SV 8270D ICAL
 Last Update: 24-May-2015 09:22:32 Calib Date: 23-May-2015 20:34:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93102.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK024

First Level Reviewer: bayoumiw

Date: 23-May-2015 19:52:02

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.709	1.702	0.007	89	879133	24.0	25.1	
2 N-Nitrosodimethylamine	74	1.937	1.917	0.020	53	1381283	24.0	23.1	
3 Pyridine	79	1.959	1.947	0.012	68	2047830	24.0	25.1	
\$ 4 2-Fluorophenol	112	3.032	3.021	0.011	71	1787614	24.0	26.0	
\$ 6 Phenol-d5	99	3.967	3.943	0.024	72	2449673	24.0	24.7	
7 Phenol	94	3.975	3.958	0.017	67	2747234	24.0	25.5	
8 Aniline	93	3.975	3.964	0.011	91	3051525	24.0	24.2	
9 Bis(2-chloroethyl)ether	93	4.050	4.037	0.013	85	2044779	24.0	23.6	
10 Benzonitrile	103	4.080	4.060	0.020	87	3390413	NC	NC	
11 2-Chlorophenol	128	4.102	4.090	0.012	76	1765472	24.0	25.3	
12 n-Decane	43	4.153	4.149	0.004	84	2955535	24.0	25.2	
13 1,3-Dichlorobenzene	146	4.249	4.238	0.011	82	2285054	24.0	25.6	
* 14 1,4-Dichlorobenzene-d4	152	4.302	4.291	0.011	91	496208	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.324	4.313	0.011	84	2402713	24.0	25.6	
17 Benzyl alcohol	108	4.467	4.440	0.026	80	1126399	24.0	25.4	
18 1,2-Dichlorobenzene	146	4.474	4.463	0.011	91	2316276	24.0	26.5	
19 2-Methylphenol	108	4.579	4.560	0.019	70	1565256	24.0	24.4	
20 2,2'-oxybis[1-chloropropan	45	4.587	4.582	0.005	79	3573258	24.0	22.4	
23 N-Methylaniline	106	4.713	4.701	0.012	75	2904242	NC	NC	
24 Acetophenone	105	4.728	4.709	0.019	94	3150950	24.0	23.0	
25 N-Nitrosodi-n-propylamine	70	4.766	4.716	0.050	92	2002639	24.0	21.2	
21 4-Methylphenol	108	4.743	4.724	0.019	89	1787414	24.0	24.0	
26 3 & 4 Methylphenol	108	4.743	4.724	0.019	55	1844135	24.0	23.8	
27 Hexachloroethane	117	4.811	4.806	0.005	85	1243930	24.0	24.7	
\$ 28 Nitrobenzene-d5	82	4.877	4.859	0.018	96	2980208	24.0	24.3	
29 Nitrobenzene	77	4.900	4.881	0.019	78	4078276	24.0	24.7	
30 n,n'-Dimethylaniline	120	4.900	4.889	0.011	75	2778350	24.0	25.2	
31 Isophorone	82	5.169	5.127	0.042	90	4290875	24.0	22.3	M
32 2-Nitrophenol	139	5.206	5.201	0.005	45	1035835	24.0	26.2	
33 2,4-Dimethylphenol	122	5.272	5.253	0.019	73	1323043	24.0	25.2	
34 Bis(2-chloroethoxy)methane	93	5.360	5.342	0.018	87	2057723	24.0	24.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.462	5.409	0.053	83	773696	24.0	22.3	
36 2,4-Dichlorophenol	162	5.462	5.447	0.015	82	1701426	24.0	24.5	
37 1,2,4-Trichlorobenzene	180	5.537	5.530	0.007	91	2244946	24.0	24.7	
* 38 Naphthalene-d8	136	5.590	5.582	0.008	96	1334100	8.00	8.00	
39 Naphthalene	128	5.612	5.604	0.008	93	4228719	24.0	26.5	
40 4-Chloroaniline	127	5.671	5.664	0.007	82	1656193	24.0	23.6	
41 Hexachlorobutadiene	225	5.746	5.739	0.007	91	1895616	24.0	25.4	
44 4-Chloro-3-methylphenol	107	6.169	6.156	0.013	87	1682436	24.0	22.6	
45 2-Methylnaphthalene	142	6.310	6.298	0.012	80	3335419	24.0	26.2	
46 1-Methylnaphthalene	142	6.408	6.401	0.007	87	2780314	24.0	23.5	
47 Hexachlorocyclopentadiene	237	6.475	6.469	0.006	93	1731376	24.0	29.9	
48 1,2,4,5-Tetrachlorobenzene	216	6.482	6.476	0.006	93	2524003	24.0	26.4	
49 2-tertbutyl-4-methylphenol	149	6.520	6.514	0.006	84	2606716	24.0	23.2	
50 2,4,6-Trichlorophenol	196	6.595	6.589	0.006	86	1417744	24.0	26.0	
51 2,4,5-Trichlorophenol	196	6.633	6.619	0.014	91	1508774	24.0	26.0	
\$ 52 2-Fluorobiphenyl	172	6.678	6.672	0.006	95	4114757	24.0	26.0	
53 1,1'-Biphenyl	154	6.784	6.770	0.014	97	3977380	24.0	28.4	
54 2-Chloronaphthalene	162	6.799	6.785	0.014	94	3220288	24.0	27.6	
55 Phenyl ether	170	6.881	6.872	0.009	87	2248097	24.0	26.4	
57 2-Nitroaniline	65	6.904	6.895	0.009	81	1778806	24.0	23.9	
58 1,3-Dimethylnaphthalene	156	7.017	7.005	0.012	87	2569699	24.0	27.9	
59 Dimethyl phthalate	163	7.105	7.088	0.017	97	3636158	24.0	23.7	
60 Coumarin	146	7.105	7.096	0.009	72	976167	24.0	22.2	
61 2,6-Dinitrotoluene	165	7.149	7.139	0.011	78	878416	24.0	24.1	
62 Acenaphthylene	152	7.209	7.199	0.010	96	3910482	24.0	25.0	
63 3-Nitroaniline	138	7.322	7.304	0.018	80	678200	24.0	24.4	
* 64 Acenaphthene-d10	164	7.345	7.341	0.004	88	814956	8.00	8.00	
66 Acenaphthene	154	7.383	7.371	0.012	96	3162970	24.0	28.0	
65 3,5-di-tert-butyl-4-hydrox	205	7.383	7.371	0.012	97	3375640	24.0	25.3	
67 2,4-Dinitrophenol	184	7.426	7.409	0.017	83	1473247	48.0	54.4	
69 4-Nitrophenol	65	7.502	7.485	0.017	81	2148975	48.0	48.6	
70 2,4-Dinitrotoluene	165	7.547	7.537	0.010	79	1292401	24.0	26.5	
71 Dibenzofuran	168	7.555	7.545	0.010	91	4190496	24.0	24.9	
72 2,3,4,6-Tetrachlorophenol	232	7.676	7.671	0.005	92	1288135	24.0	23.9	
73 Diethyl phthalate	149	7.796	7.782	0.014	95	3721523	24.0	23.9	
74 4-Chlorophenyl phenyl ethe	204	7.887	7.880	0.007	78	2088474	24.0	24.4	
75 Fluorene	166	7.887	7.880	0.007	91	3552999	24.0	26.1	
76 4-Nitroaniline	138	7.948	7.918	0.030	83	578368	24.0	22.8	
77 4,6-Dinitro-2-methylphenol	198	7.963	7.948	0.015	73	1794463	48.0	50.0	
78 N-Nitrosodiphenylamine	169	8.016	8.001	0.015	68	2295596	24.0	26.0	
79 1,2-Diphenylhydrazine	77	8.046	8.038	0.008	90	3898552	24.0	23.0	
\$ 80 2,4,6-Tribromophenol	330	8.134	8.121	0.013	95	1061721	24.0	22.6	
81 4-Bromophenyl phenyl ether	248	8.369	8.364	0.005	83	1336126	24.0	24.3	
82 Hexachlorobenzene	284	8.436	8.432	0.004	97	1582744	24.0	22.9	
84 Pentachlorophenol	266	8.634	8.626	0.008	92	2148923	48.0	46.1	
85 Pentachloronitrobenzene	237	8.648	8.640	0.008	87	711966	24.0	23.4	
86 n-Octadecane	57	8.715	8.707	0.008	92	2406679	24.0	25.2	
* 87 Phenanthrene-d10	188	8.805	8.804	0.001	97	1358462	8.00	8.00	
88 Phenanthrene	178	8.835	8.827	0.008	97	4055325	24.0	22.8	
89 Anthracene	178	8.887	8.879	0.008	97	4336356	24.0	23.6	
90 Carbazole	167	9.044	9.034	0.010	98	3694844	24.0	24.7	
91 Di-n-butyl phthalate	149	9.386	9.383	0.003	97	4762574	24.0	22.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	9.995	9.994	0.001	96	4763860	24.0	23.9	
93 Benzidine	184	10.131	10.121	0.010	97	2954998	24.0	30.9	
94 Pyrene	202	10.221	10.217	0.004	97	4949487	24.0	20.7	
95 Bisphenol-A	213	10.274	10.270	0.004	0	2542233	24.0	28.6	
\$ 96 Terphenyl-d14	244	10.376	10.374	0.002	98	4081455	24.0	20.4	
97 Butyl benzyl phthalate	149	10.899	10.897	0.002	97	2457891	24.0	23.1	
99 Carbamazepine	193	11.031	11.021	0.010	89	2171520	24.0	25.0	
100 3,3'-Dichlorobenzidine	252	11.525	11.511	0.014	97	2229732	24.0	25.9	
101 Benzo[a]anthracene	228	11.539	11.532	0.007	95	4899074	24.0	22.6	
* 102 Chrysene-d12	240	11.553	11.546	0.007	97	1453822	8.00	8.00	
104 Chrysene	228	11.595	11.581	0.014	98	4401557	24.0	22.4	
103 Bis(2-ethylhexyl) phthalat	149	11.588	11.581	0.007	90	3536344	24.0	24.8	
105 Di-n-octyl phthalate	149	12.435	12.432	0.003	96	5515656	24.0	24.2	
106 Benzo[b]fluoranthene	252	12.940	12.930	0.010	95	5625668	24.0	28.3	
107 Benzo[k]fluoranthene	252	12.984	12.966	0.018	95	4497275	24.0	21.5	
108 Benzo[a]pyrene	252	13.386	13.369	0.017	97	4654484	24.0	25.3	
* 109 Perylene-d12	264	13.446	13.444	0.002	97	1431327	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.951	14.931	0.020	75	5866788	24.0	24.1	
111 Dibenz(a,h)anthracene	278	15.000	14.973	0.027	96	5065654	24.0	28.9	
112 Benzo[g,h,i]perylene	276	15.385	15.341	0.044	94	5288204	24.0	28.0	
S 119 Total Cresols	1				0			48.2	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

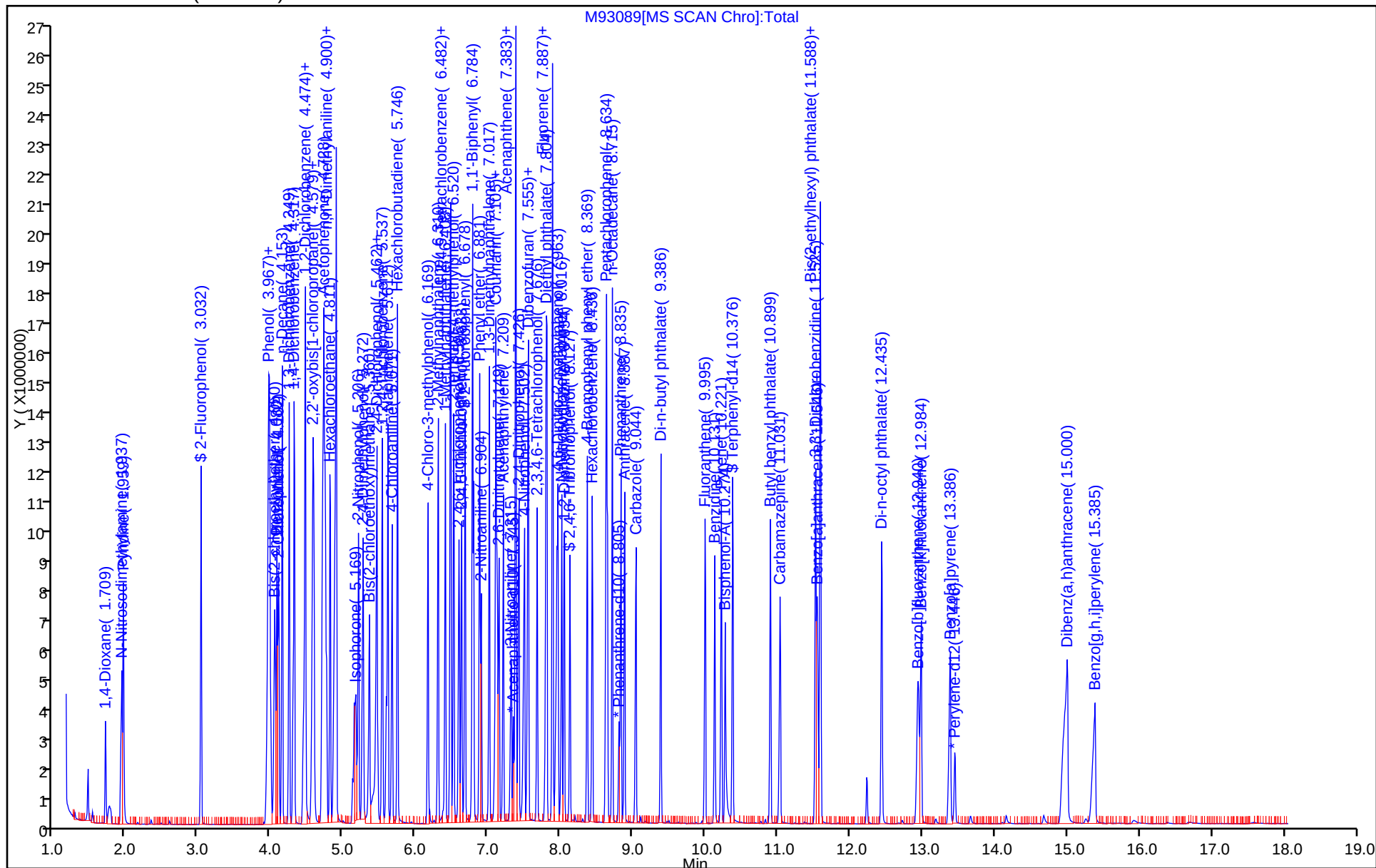
SM_BNAL8_00006

Amount Added: 1.00

Units: mL

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93089.D		
Injection Date:	23-May-2015 15:46:30	Instrument ID:	CBNAMS6
Lims ID:	STD24		
Client ID:			
Injection Vol:	5.0 ul	Dil. Factor:	1.0000
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL
Column:	Rtxi-5Sil MS (0.25 mm)		

ALS Bottle#: 3



TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93089.D

Injection Date: 23-May-2015 15:46:30

Instrument ID: CBNAMS6

Lims ID: STD24

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

Method: 8270LVI_R6

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)

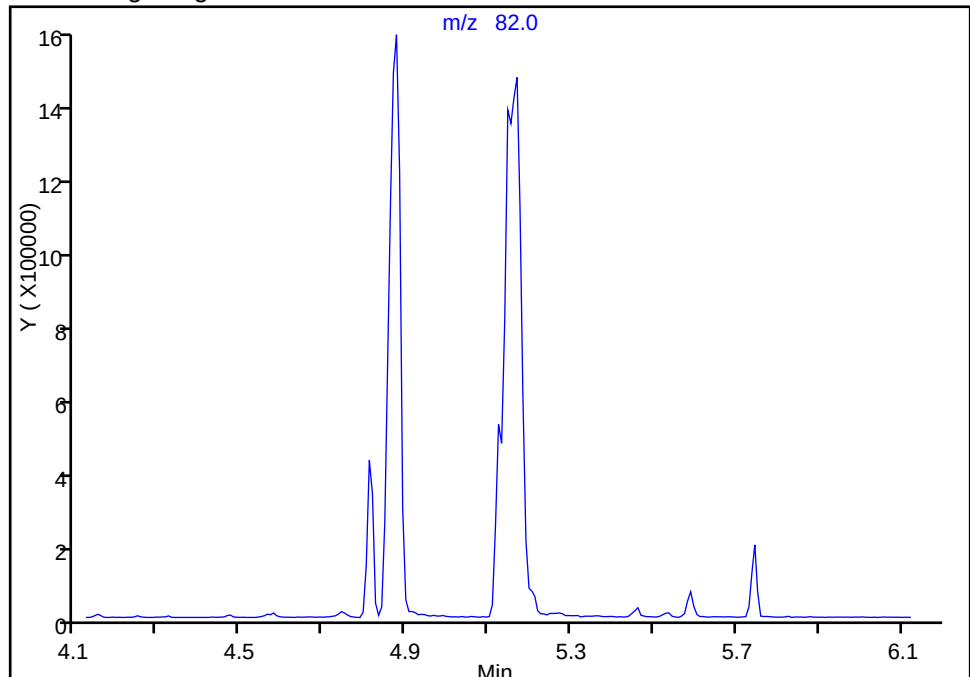
Detector: MS SCAN

31 Isophorone, CAS: 78-59-1

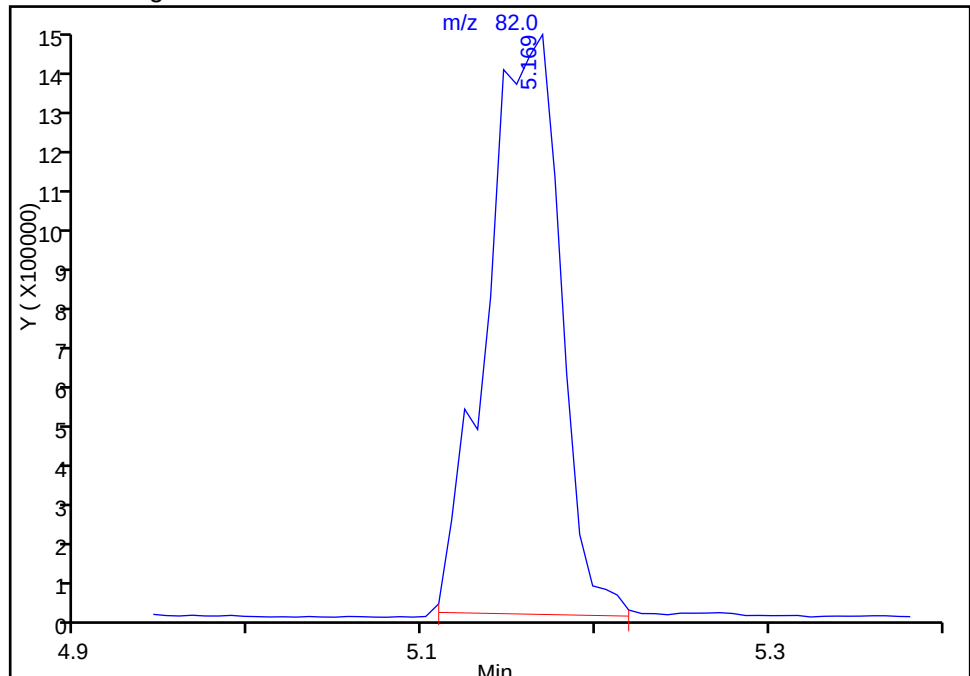
Not Detected

Expected RT: 5.13

Processing Integration Results



Manual Integration Results



RT: 5.17

Area: 4290875

Amount: 22.275654

Amount Units: ug/ml

Reviewer: bayoumiw, 23-May-2015 19:52:02

Audit Action: Manually Integrated

Audit Reason: Baseline

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93090.D
 Lims ID: STD16
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 23-May-2015 16:08:30 ALS Bottle#: 4 Worklist Smp#: 4
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027763-004
 Operator ID: Instrument ID: CBNAMS6
 Sublist: chrom-8270LVI_R6*sub19
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\8270LVI_R6.m
 Limit Group: SV 8270D ICAL
 Last Update: 24-May-2015 09:22:36 Calib Date: 23-May-2015 20:34:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93102.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK024

First Level Reviewer: bayoumiw

Date: 23-May-2015 19:53:20

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.685	1.702	-0.017	88	527313	16.0	16.0	
2 N-Nitrosodimethylamine	74	1.909	1.917	-0.008	53	936793	16.0	16.7	
3 Pyridine	79	1.931	1.947	-0.016	65	1290050	16.0	16.8	
\$ 4 2-Fluorophenol	112	3.023	3.021	0.002	72	1186378	16.0	18.3	
\$ 6 Phenol-d5	99	3.950	3.943	0.007	71	1602134	16.0	17.2	
7 Phenol	94	3.965	3.958	0.007	69	1763651	16.0	17.4	
8 Aniline	93	3.965	3.964	0.001	92	1971683	16.0	16.6	
9 Bis(2-chloroethyl)ether	93	4.039	4.037	0.002	86	1425079	16.0	17.5	
10 Benzonitrile	103	4.069	4.060	0.009	85	2189007	NC	NC	
11 2-Chlorophenol	128	4.099	4.090	0.009	70	1090676	16.0	16.6	
12 n-Decane	43	4.151	4.149	0.002	84	1733555	16.0	15.7	
13 1,3-Dichlorobenzene	146	4.249	4.238	0.011	83	1397767	16.0	16.6	
* 14 1,4-Dichlorobenzene-d4	152	4.300	4.291	0.009	89	467340	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.314	4.313	0.001	81	1482544	16.0	16.8	
17 Benzyl alcohol	108	4.449	4.440	0.009	78	697029	16.0	16.7	
18 1,2-Dichlorobenzene	146	4.472	4.463	0.009	83	1386263	16.0	16.9	
19 2-Methylphenol	108	4.568	4.560	0.008	62	1053295	16.0	17.4	
20 2,2'-oxybis[1-chloropropan	45	4.583	4.582	0.001	79	2361092	16.0	15.7	
23 N-Methylaniline	106	4.701	4.701	0.000	70	1872045	NC	NC	
24 Acetophenone	105	4.716	4.709	0.007	93	2106149	16.0	16.3	
25 N-Nitrosodi-n-propylamine	70	4.731	4.716	0.015	93	1446080	16.0	16.2	
21 4-Methylphenol	108	4.731	4.724	0.007	85	1133510	16.0	16.2	
26 3 & 4 Methylphenol	108	4.731	4.724	0.007	65	1198806	16.0	16.4	
27 Hexachloroethane	117	4.812	4.806	0.006	85	783833	16.0	16.5	
\$ 28 Nitrobenzene-d5	82	4.864	4.859	0.005	97	2245244	16.0	18.1	
29 Nitrobenzene	77	4.892	4.881	0.011	78	2836812	16.0	17.0	
30 n,n'-Dimethylaniline	120	4.892	4.889	0.003	78	1813996	16.0	17.5	
31 Isophorone	82	5.137	5.127	0.010	94	3138416	16.0	16.1	
32 2-Nitrophenol	139	5.203	5.201	0.002	47	711981	16.0	17.8	
33 2,4-Dimethylphenol	122	5.263	5.253	0.010	73	881073	16.0	16.6	
34 Bis(2-chloroethoxy)methane	93	5.351	5.342	0.009	85	1417831	16.0	16.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.449	5.409	0.040	83	672134	16.0	19.1	M
36 2,4-Dichlorophenol	162	5.456	5.447	0.009	87	1219386	16.0	17.3	
37 1,2,4-Trichlorobenzene	180	5.530	5.530	0.000	91	1541300	16.0	16.7	
* 38 Naphthalene-d8	136	5.590	5.582	0.008	96	1349452	8.00	8.00	
39 Naphthalene	128	5.611	5.604	0.007	94	2964469	16.0	18.4	
40 4-Chloroaniline	127	5.671	5.664	0.007	83	1212125	16.0	17.1	
41 Hexachlorobutadiene	225	5.746	5.739	0.007	91	1203712	16.0	16.0	
44 4-Chloro-3-methylphenol	107	6.165	6.156	0.009	86	1251164	16.0	16.6	
45 2-Methylnaphthalene	142	6.308	6.298	0.010	81	2280846	16.0	17.7	
46 1-Methylnaphthalene	142	6.406	6.401	0.005	87	2066598	16.0	17.3	
47 Hexachlorocyclopentadiene	237	6.473	6.469	0.004	94	1243701	16.0	17.3	
48 1,2,4,5-Tetrachlorobenzene	216	6.480	6.476	0.004	93	1859345	16.0	15.7	
49 2-tertbutyl-4-methylphenol	149	6.517	6.514	0.003	84	1904878	16.0	16.8	
50 2,4,6-Trichlorophenol	196	6.590	6.589	0.001	87	1029538	16.0	15.2	
51 2,4,5-Trichlorophenol	196	6.627	6.619	0.008	91	1221185	16.0	17.0	
\$ 52 2-Fluorobiphenyl	172	6.679	6.672	0.007	96	3110607	16.0	15.9	
53 1,1'-Biphenyl	154	6.777	6.770	0.007	96	2842508	16.0	16.4	
54 2-Chloronaphthalene	162	6.792	6.785	0.007	94	2281205	16.0	15.7	
55 Phenyl ether	170	6.880	6.872	0.008	87	1620805	16.0	15.3	
57 2-Nitroaniline	65	6.896	6.895	0.001	81	1408356	16.0	15.3	
58 1,3-Dimethylnaphthalene	156	7.013	7.005	0.008	88	1796180	16.0	15.7	
59 Dimethyl phthalate	163	7.096	7.088	0.008	95	2849673	16.0	14.9	
60 Coumarin	146	7.103	7.096	0.007	72	737353	16.0	16.6	
61 2,6-Dinitrotoluene	165	7.149	7.139	0.011	81	696663	16.0	15.4	
62 Acenaphthylene	152	7.207	7.199	0.008	96	3007967	16.0	15.5	
63 3-Nitroaniline	138	7.313	7.304	0.009	79	529126	16.0	15.4	
* 64 Acenaphthene-d10	164	7.342	7.341	0.001	90	1011008	8.00	8.00	
66 Acenaphthene	154	7.379	7.371	0.008	94	2447830	16.0	17.5	M
65 3,5-di-tert-butyl-4-hydrox	205	7.379	7.371	0.008	92	2668208	16.0	16.1	
67 2,4-Dinitrophenol	184	7.415	7.409	0.006	79	1128599	32.0	33.6	
69 4-Nitrophenol	65	7.489	7.485	0.004	82	1772099	32.0	32.3	
70 2,4-Dinitrotoluene	165	7.542	7.537	0.005	77	954290	16.0	15.8	
71 Dibenzofuran	168	7.549	7.545	0.004	91	3240256	16.0	15.5	
72 2,3,4,6-Tetrachlorophenol	232	7.670	7.671	-0.001	93	1027498	16.0	15.4	
73 Diethyl phthalate	149	7.791	7.782	0.009	95	2954524	16.0	15.3	
74 4-Chlorophenyl phenyl ethe	204	7.889	7.880	0.009	78	1630356	16.0	15.3	
75 Fluorene	166	7.889	7.880	0.009	92	2807890	16.0	16.6	
76 4-Nitroaniline	138	7.934	7.918	0.016	82	430432	16.0	13.7	
77 4,6-Dinitro-2-methylphenol	198	7.956	7.948	0.008	80	1416379	32.0	34.3	
78 N-Nitrosodiphenylamine	169	8.009	8.001	0.008	66	1701508	16.0	16.7	
79 1,2-Diphenylhydrazine	77	8.045	8.038	0.007	89	2977061	16.0	15.3	
\$ 80 2,4,6-Tribromophenol	330	8.128	8.121	0.007	95	905179	16.0	15.5	
81 4-Bromophenyl phenyl ether	248	8.366	8.364	0.002	85	1030535	16.0	16.2	
82 Hexachlorobenzene	284	8.434	8.432	0.002	97	1266639	16.0	15.9	
84 Pentachlorophenol	266	8.626	8.626	0.000	91	1834106	32.0	34.1	
85 Pentachloronitrobenzene	237	8.640	8.640	0.000	87	543773	16.0	15.5	
86 n-Octadecane	57	8.712	8.707	0.005	92	1887967	16.0	17.1	
* 87 Phenanthrene-d10	188	8.802	8.804	-0.002	97	1566743	8.00	8.00	
88 Phenanthrene	178	8.832	8.827	0.005	97	3272681	16.0	16.0	
89 Anthracene	178	8.877	8.879	-0.002	97	3461436	16.0	16.3	
90 Carbazole	167	9.033	9.034	-0.001	98	2796564	16.0	16.2	
91 Di-n-butyl phthalate	149	9.382	9.383	-0.001	98	3872357	16.0	15.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	9.994	9.994	0.000	98	3723454	16.0	16.2	
93 Benzidine	184	10.120	10.121	-0.001	98	1948037	16.0	17.7	
94 Pyrene	202	10.216	10.217	-0.001	96	3530101	16.0	15.6	
95 Bisphenol-A	213	10.267	10.270	-0.003	0	1645871	16.0	19.5	
\$ 96 Terphenyl-d14	244	10.371	10.374	-0.003	98	3149965	16.0	16.6	
97 Butyl benzyl phthalate	149	10.899	10.897	0.002	98	1658270	16.0	16.4	
99 Carbamazepine	193	11.019	11.021	-0.002	90	1365374	16.0	16.6	
100 3,3'-Dichlorobenzidine	252	11.515	11.511	0.003	97	1409777	16.0	17.2	
101 Benzo[a]anthracene	228	11.535	11.532	0.003	95	3274851	16.0	15.9	
* 102 Chrysene-d12	240	11.549	11.546	0.003	97	1378308	8.00	8.00	
104 Chrysene	228	11.584	11.581	0.003	99	2976095	16.0	16.0	
103 Bis(2-ethylhexyl) phthalat	149	11.584	11.581	0.003	89	2335133	16.0	17.3	
105 Di-n-octyl phthalate	149	12.430	12.432	-0.002	96	3331614	16.0	15.4	
106 Benzo[b]fluoranthene	252	12.930	12.930	0.000	95	3041082	16.0	16.1	
107 Benzo[k]fluoranthene	252	12.968	12.966	0.002	95	3151032	16.0	15.9	
108 Benzo[a]pyrene	252	13.371	13.369	0.002	97	2922229	16.0	16.7	
* 109 Perylene-d12	264	13.444	13.444	0.000	96	1360721	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.938	14.931	0.007	94	3117321	16.0	15.7	
111 Dibenz(a,h)anthracene	278	14.981	14.973	0.008	95	3091040	16.0	18.6	
112 Benzo[g,h,i]perylene	276	15.360	15.341	0.019	93	3117273	16.0	17.3	
S 119 Total Cresols	1				0			33.9	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL7_00006

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93090.D

Injection Date: 23-May-2015 16:08:30

Instrument ID: CBNAMS6

Operator ID:

Lims ID: STD16

Worklist Smp#: 4

Client ID:

Injection Vol: 5.0 ul

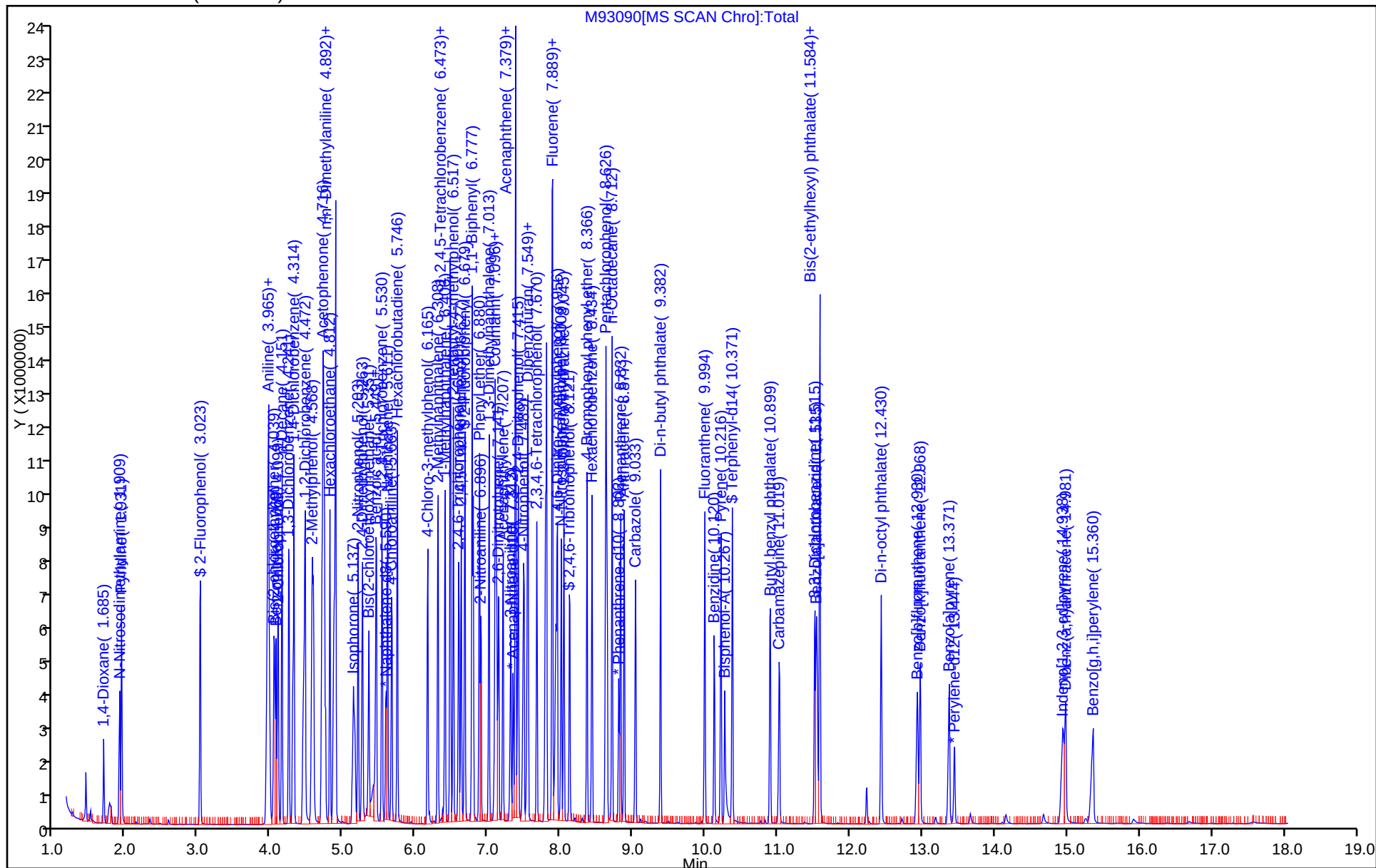
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8270LVI_R6

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93090.D

Injection Date: 23-May-2015 16:08:30

Instrument ID: CBNAMS6

Lims ID: STD16

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#:

4

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

Method: 8270LVI_R6

Limit Group: SV 8270D ICAL

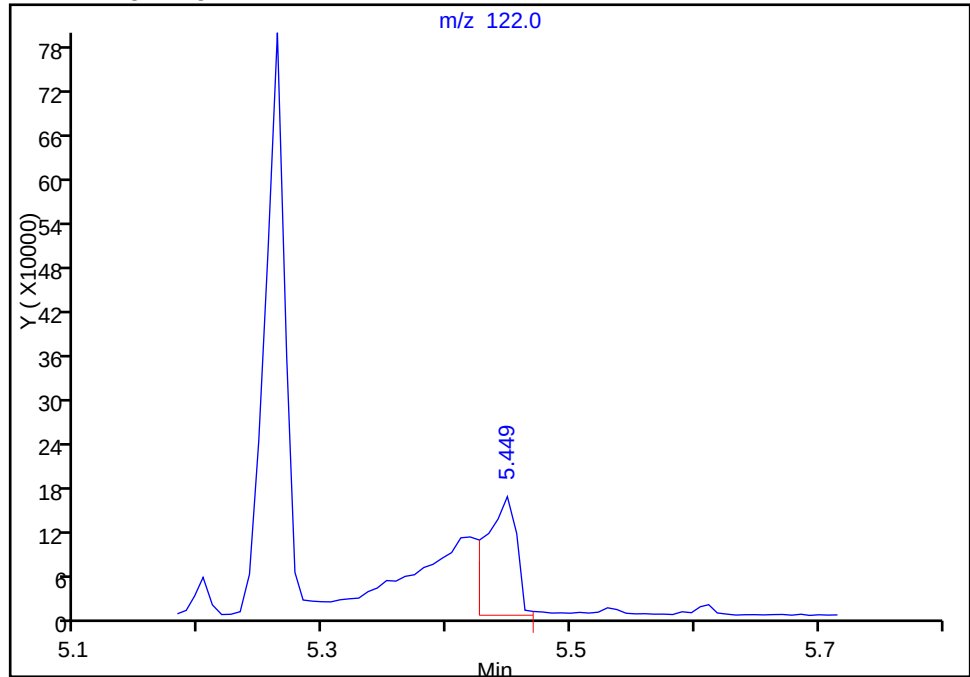
Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

35 Benzoic acid, CAS: 65-85-0

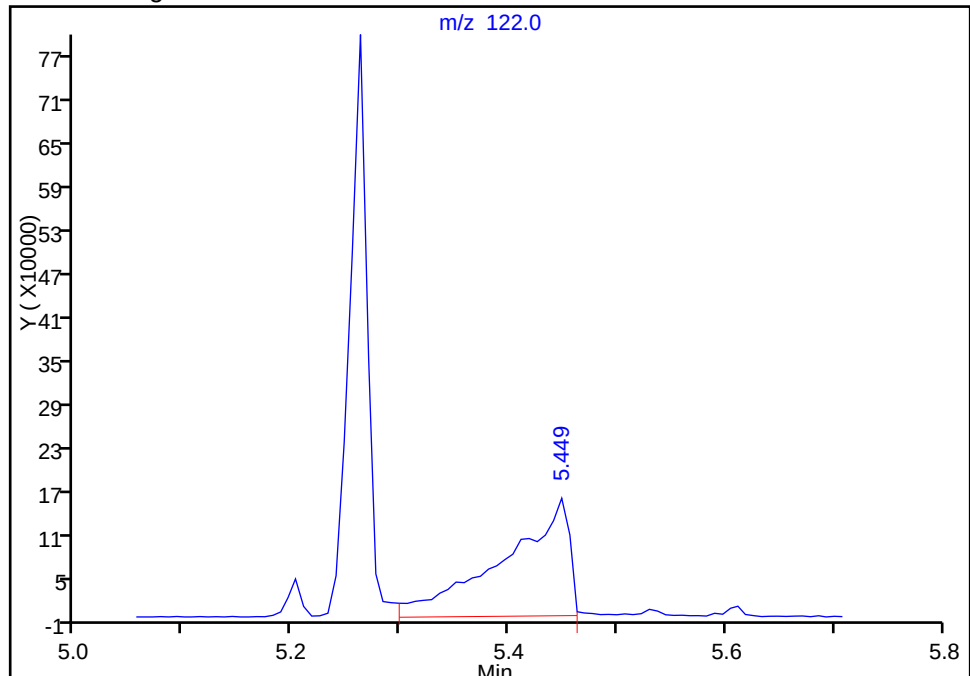
RT: 5.45
Area: 273930
Amount: 10.645581
Amount Units: ug/ml

Processing Integration Results



RT: 5.45
Area: 672134
Amount: 19.132947
Amount Units: ug/ml

Manual Integration Results



Reviewer: bayoumiw, 23-May-2015 19:53:20

Audit Action: Manually Integrated

Audit Reason: Baseline

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93090.D

Injection Date: 23-May-2015 16:08:30

Instrument ID: CBNAMS6

Lims ID: STD16

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 4

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

Method: 8270LVI_R6

Limit Group: SV 8270D ICAL

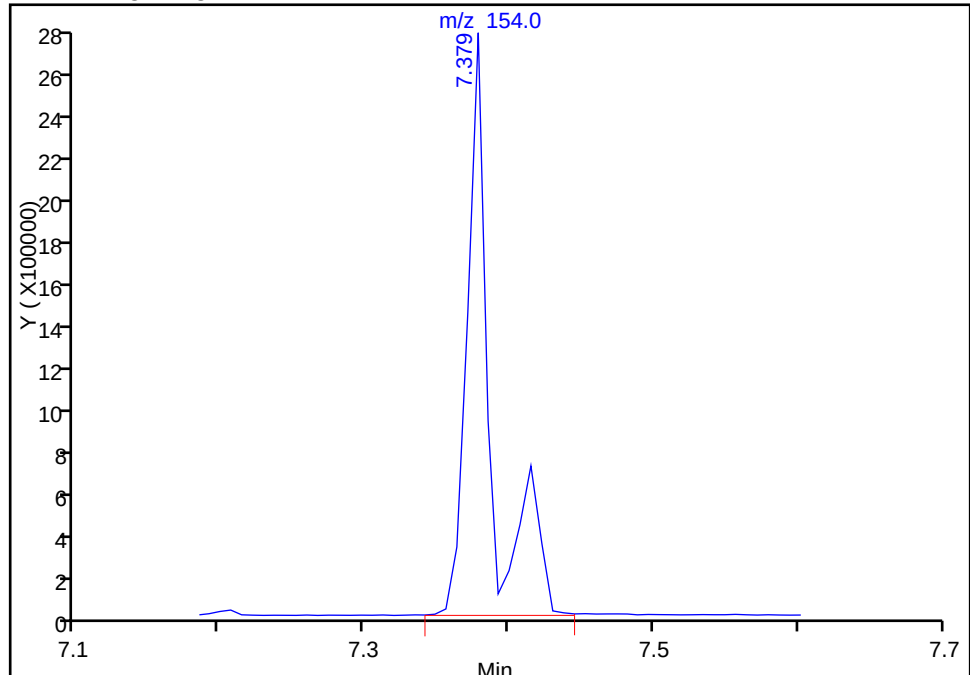
Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

66 Acenaphthene, CAS: 83-32-9

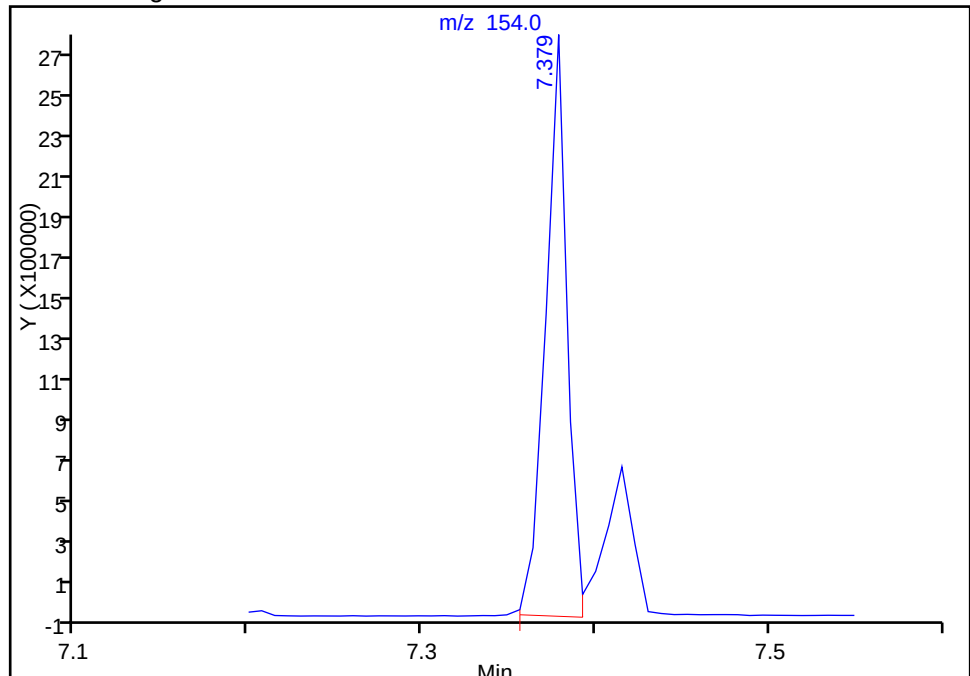
RT: 7.38
Area: 3285708
Amount: 19.318891
Amount Units: ug/ml

Processing Integration Results



RT: 7.38
Area: 2447830
Amount: 17.472640
Amount Units: ug/ml

Manual Integration Results



Reviewer: bayoumiw, 23-May-2015 19:53:20

Audit Action: Manually Integrated

Audit Reason: Baseline

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93091.D
 Lims ID: STD4
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 23-May-2015 16:30:30 ALS Bottle#: 5 Worklist Smp#: 5
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027763-005
 Operator ID: Instrument ID: CBNAMS6
 Sublist: chrom-8270LVI_R6*sub19
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\8270LVI_R6.m
 Limit Group: SV 8270D ICAL
 Last Update: 24-May-2015 09:22:40 Calib Date: 23-May-2015 20:34:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93102.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK024

First Level Reviewer: bayoumiw

Date: 23-May-2015 19:54:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.692	1.702	-0.010	91	135073	4.00	3.96	
2 N-Nitrosodimethylamine	74	1.897	1.917	-0.020	53	223079	4.00	3.83	
3 Pyridine	79	1.935	1.947	-0.012	68	316782	4.00	3.98	
\$ 4 2-Fluorophenol	112	3.017	3.021	-0.004	67	239311	4.00	3.56	
\$ 6 Phenol-d5	99	3.924	3.943	-0.019	69	362198	4.00	3.75	
7 Phenol	94	3.939	3.958	-0.019	73	406003	4.00	3.87	
8 Aniline	93	3.961	3.964	-0.003	92	487905	4.00	3.96	
9 Bis(2-chloroethyl)ether	93	4.021	4.037	-0.016	86	320597	4.00	3.80	
10 Benzonitrile	103	4.044	4.060	-0.016	86	589665	NC	NC	
11 2-Chlorophenol	128	4.080	4.090	-0.010	69	272484	4.00	4.00	
12 n-Decane	43	4.147	4.149	-0.002	85	435492	4.00	3.81	
13 1,3-Dichlorobenzene	146	4.237	4.238	-0.001	80	328214	4.00	3.77	
* 14 1,4-Dichlorobenzene-d4	152	4.289	4.291	-0.002	92	484047	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.312	4.313	-0.001	87	340035	4.00	3.72	
17 Benzyl alcohol	108	4.432	4.440	-0.008	77	158473	4.00	3.66	
18 1,2-Dichlorobenzene	146	4.461	4.463	-0.002	80	317552	4.00	3.73	
19 2-Methylphenol	108	4.551	4.560	-0.009	60	236399	4.00	3.78	
20 2,2'-oxybis[1-chloropropan	45	4.573	4.582	-0.009	78	625080	4.00	4.02	
23 N-Methylaniline	106	4.693	4.701	-0.008	70	491016	NC	NC	
24 Acetophenone	105	4.701	4.709	-0.008	94	529464	4.00	3.96	
25 N-Nitrosodi-n-propylamine	70	4.708	4.716	-0.008	92	371355	4.00	4.02	
21 4-Methylphenol	108	4.708	4.724	-0.016	59	288414	4.00	3.97	
26 3 & 4 Methylphenol	108	4.708	4.724	-0.016	66	303831	4.00	4.02	
27 Hexachloroethane	117	4.806	4.806	0.000	84	189569	4.00	3.86	
\$ 28 Nitrobenzene-d5	82	4.849	4.859	-0.010	98	521063	4.00	3.76	
29 Nitrobenzene	77	4.872	4.881	-0.009	80	766966	4.00	4.10	
30 n,n'-Dimethylaniline	120	4.879	4.889	-0.010	91	423094	4.00	3.93	
31 Isophorone	82	5.111	5.127	-0.016	93	881965	4.00	4.05	
32 2-Nitrophenol	139	5.192	5.201	-0.009	45	176557	4.00	3.95	
33 2,4-Dimethylphenol	122	5.244	5.253	-0.009	73	235744	4.00	3.97	
34 Bis(2-chloroethoxy)methane	93	5.341	5.342	-0.001	90	370253	4.00	3.91	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.356	5.409	-0.053	86	177282	4.00	4.51	
36 2,4-Dichlorophenol	162	5.437	5.447	-0.010	80	309094	4.00	3.93	
37 1,2,4-Trichlorobenzene	180	5.526	5.530	-0.004	89	381267	4.00	3.70	
* 38 Naphthalene-d8	136	5.579	5.582	-0.003	96	1509279	8.00	8.00	
39 Naphthalene	128	5.601	5.604	-0.003	94	673986	4.00	3.73	
40 4-Chloroaniline	127	5.654	5.664	-0.010	81	307321	4.00	3.87	
41 Hexachlorobutadiene	225	5.736	5.739	-0.003	91	318657	4.00	3.78	
44 4-Chloro-3-methylphenol	107	6.154	6.156	-0.002	88	330089	4.00	3.93	
45 2-Methylnaphthalene	142	6.296	6.298	-0.002	77	538171	4.00	3.74	
46 1-Methylnaphthalene	142	6.399	6.401	-0.002	87	553417	4.00	4.13	
47 Hexachlorocyclopentadiene	237	6.467	6.469	-0.003	84	283383	4.00	3.60	
48 1,2,4,5-Tetrachlorobenzene	216	6.474	6.476	-0.002	92	470866	4.00	3.62	
49 2-tertbutyl-4-methylphenol	149	6.511	6.514	-0.003	83	516037	4.00	4.07	
50 2,4,6-Trichlorophenol	196	6.586	6.589	-0.003	88	276285	4.00	3.72	
51 2,4,5-Trichlorophenol	196	6.616	6.619	-0.003	90	284264	4.00	3.61	
\$ 52 2-Fluorobiphenyl	172	6.669	6.672	-0.003	96	759235	4.00	3.54	
53 1,1'-Biphenyl	154	6.766	6.770	-0.004	96	679872	4.00	3.58	
54 2-Chloronaphthalene	162	6.780	6.785	-0.005	93	609507	4.00	3.84	
55 Phenyl ether	170	6.869	6.872	-0.003	85	456708	4.00	3.95	
57 2-Nitroaniline	65	6.884	6.895	-0.011	82	400460	4.00	3.96	
58 1,3-Dimethylnaphthalene	156	7.002	7.005	-0.003	86	489623	4.00	3.92	
59 Dimethyl phthalate	163	7.077	7.088	-0.011	95	806906	4.00	3.86	
60 Coumarin	146	7.085	7.096	-0.011	56	216586	4.00	4.35	
61 2,6-Dinitrotoluene	165	7.130	7.139	-0.008	76	190182	4.00	3.83	
62 Acenaphthylene	152	7.197	7.199	-0.002	96	816165	4.00	3.85	
63 3-Nitroaniline	138	7.294	7.304	-0.010	79	153469	4.00	4.07	
* 64 Acenaphthene-d10	164	7.339	7.341	-0.002	90	1107443	8.00	8.00	
66 Acenaphthene	154	7.369	7.371	-0.002	81	541577	4.00	3.53	M
65 3,5-di-tert-butyl-4-hydrox	205	7.369	7.371	-0.002	96	718048	4.00	3.95	
67 2,4-Dinitrophenol	184	7.392	7.409	-0.017	83	295351	8.00	8.03	
69 4-Nitrophenol	65	7.467	7.485	-0.018	81	482481	8.00	8.02	
70 2,4-Dinitrotoluene	165	7.526	7.537	-0.011	91	267596	4.00	4.03	
71 Dibenzofuran	168	7.541	7.545	-0.004	92	864162	4.00	3.78	
72 2,3,4,6-Tetrachlorophenol	232	7.662	7.671	-0.009	93	295263	4.00	4.04	
73 Diethyl phthalate	149	7.774	7.782	-0.008	95	832986	4.00	3.94	
74 4-Chlorophenyl phenyl ethe	204	7.877	7.880	-0.003	80	454252	4.00	3.90	
75 Fluorene	166	7.877	7.880	-0.003	92	690775	4.00	3.74	
76 4-Nitroaniline	138	7.899	7.918	-0.019	83	136377	4.00	3.96	
77 4,6-Dinitro-2-methylphenol	198	7.929	7.948	-0.019	78	396835	8.00	7.72	
78 N-Nitrosodiphenylamine	169	7.995	8.001	-0.006	66	501395	4.00	3.88	
79 1,2-Diphenylhydrazine	77	8.031	8.038	-0.007	90	978586	4.00	3.96	
\$ 80 2,4,6-Tribromophenol	330	8.112	8.121	-0.009	96	249036	4.00	3.89	
81 4-Bromophenyl phenyl ether	248	8.360	8.364	-0.004	85	282871	4.00	3.51	
82 Hexachlorobenzene	284	8.427	8.432	-0.005	95	387250	4.00	3.83	
84 Pentachlorophenol	266	8.620	8.626	-0.006	93	558283	8.00	8.20	
85 Pentachloronitrobenzene	237	8.634	8.640	-0.006	87	180367	4.00	4.06	
86 n-Octadecane	57	8.708	8.707	0.001	91	504458	4.00	3.61	
* 87 Phenanthrene-d10	188	8.798	8.804	-0.006	97	1986347	8.00	8.00	
88 Phenanthrene	178	8.821	8.827	-0.006	97	1023279	4.00	3.94	
89 Anthracene	178	8.866	8.879	-0.013	98	1004597	4.00	3.74	
90 Carbazole	167	9.029	9.034	-0.005	98	849483	4.00	3.89	
91 Di-n-butyl phthalate	149	9.378	9.383	-0.005	99	1272112	4.00	4.03	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	9.987	9.994	-0.007	97	1098025	4.00	3.76	
93 Benzidine	184	10.113	10.121	-0.008	98	548603	4.00	3.92	
94 Pyrene	202	10.204	10.217	-0.013	98	1173379	4.00	4.14	
95 Bisphenol-A	213	10.271	10.270	0.001	0	372846	4.00	3.54	
\$ 96 Terphenyl-d14	244	10.369	10.374	-0.005	98	924084	4.00	3.88	
97 Butyl benzyl phthalate	149	10.891	10.897	-0.006	97	512293	4.00	4.05	
99 Carbamazepine	193	11.003	11.021	-0.018	89	411535	4.00	3.99	
100 3,3'-Dichlorobenzidine	252	11.497	11.511	-0.014	97	404269	4.00	3.95	
101 Benzo[a]anthracene	228	11.526	11.532	-0.006	95	986048	4.00	3.83	
* 102 Chrysene-d12	240	11.540	11.546	-0.006	97	1725246	8.00	8.00	
104 Chrysene	228	11.569	11.581	-0.012	99	931369	4.00	3.99	
103 Bis(2-ethylhexyl) phthalat	149	11.576	11.581	-0.005	88	679442	4.00	4.01	
105 Di-n-octyl phthalate	149	12.422	12.432	-0.010	96	964087	4.00	4.16	
106 Benzo[b]fluoranthene	252	12.915	12.930	-0.015	95	804684	4.00	3.98	
107 Benzo[k]fluoranthene	252	12.952	12.966	-0.014	93	907473	4.00	4.27	
108 Benzo[a]pyrene	252	13.355	13.369	-0.014	97	747745	4.00	4.00	
* 109 Perylene-d12	264	13.437	13.444	-0.007	96	1456666	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.914	14.931	-0.017	92	682655	4.00	4.15	
111 Dibenz(a,h)anthracene	278	14.951	14.973	-0.022	97	700383	4.00	3.93	
112 Benzo[g,h,i]perylene	276	15.316	15.341	-0.025	92	688459	4.00	3.58	
S 119 Total Cresols	1				0			7.80	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

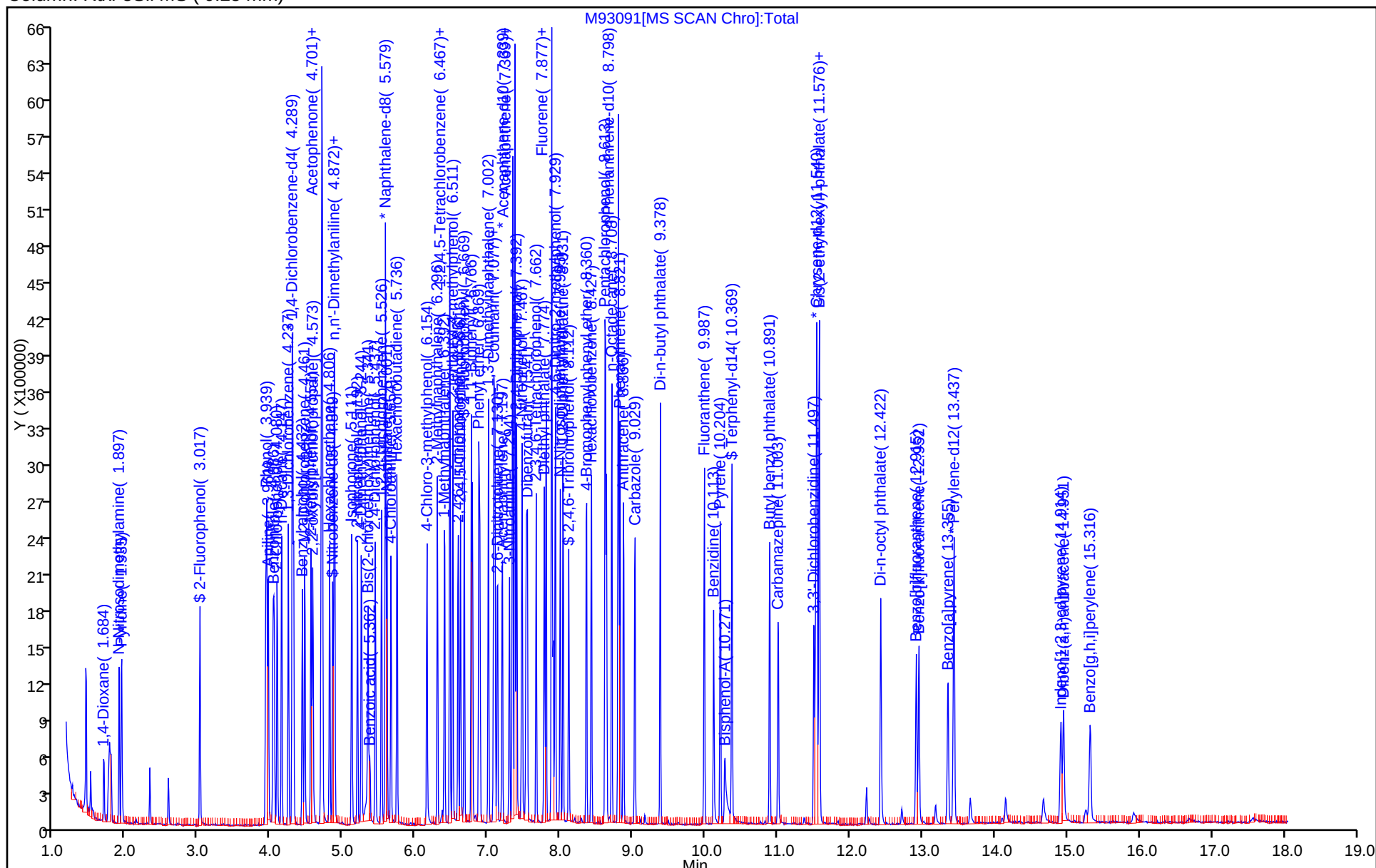
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Amount Added: 1.00

Units: mL

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93091.D		
Injection Date:	23-May-2015 16:30:30	Instrument ID:	CBNAMS6
Lims ID:	STD4		
Client ID:			
Injection Vol:	5.0 ul	Dil. Factor:	1.0000
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL
Column:	Rtxi-5Sil MS (0.25 mm)		

Operator ID:
Worklist Smp#: 5
ALS Bottle#: 5



TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93091.D

Injection Date: 23-May-2015 16:30:30

Instrument ID: CBNAMS6

Lims ID: STD4

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 5

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

Method: 8270LVI_R6

Limit Group: SV 8270D ICAL

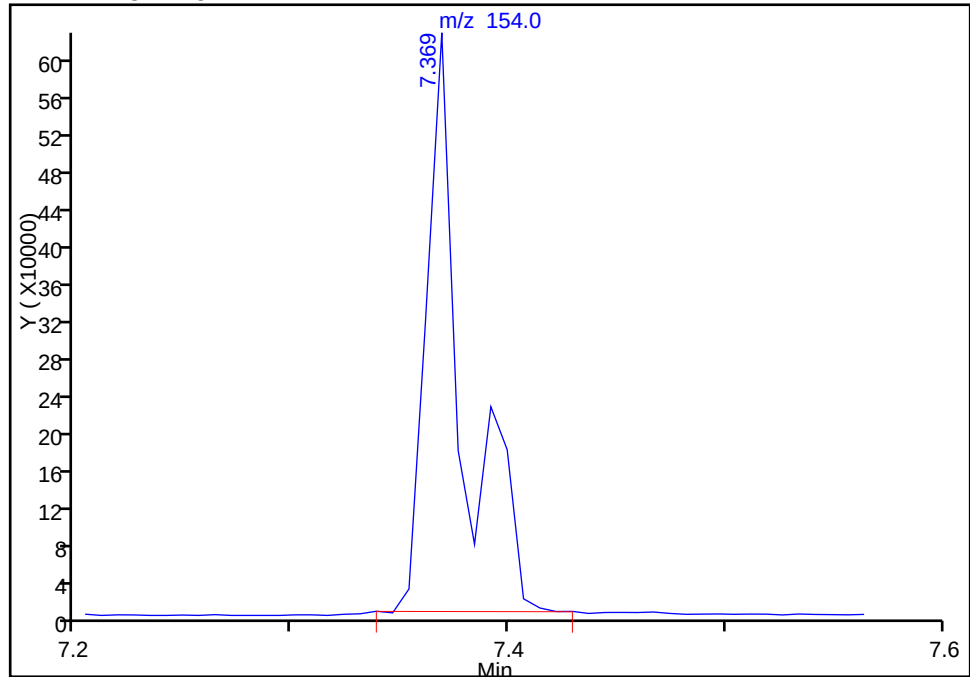
Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

66 Acenaphthene, CAS: 83-32-9

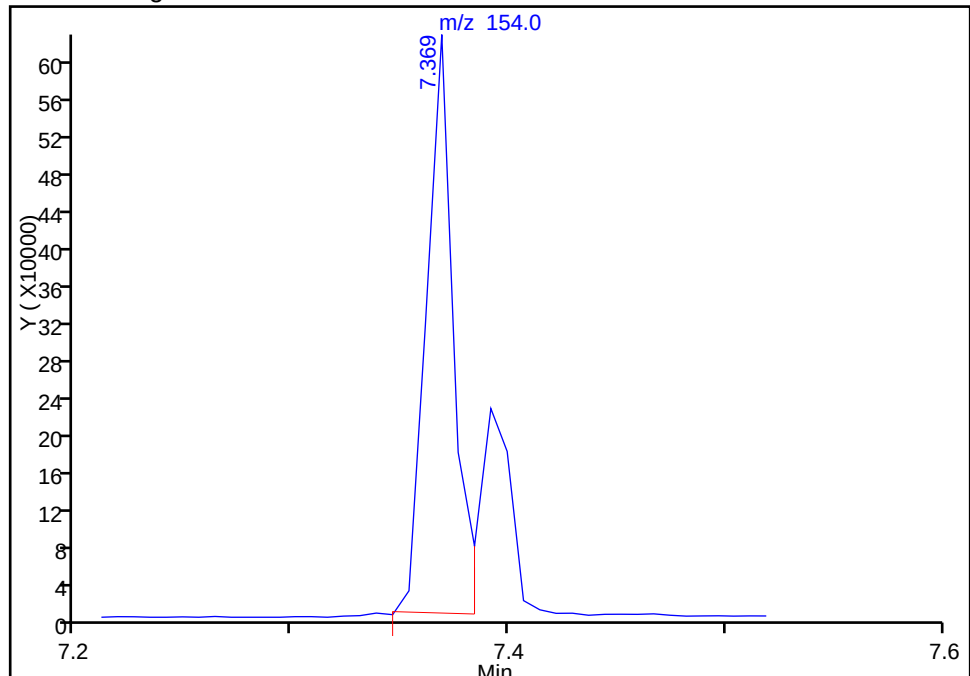
RT: 7.37
Area: 728281
Amount: 4.120637
Amount Units: ug/ml

Processing Integration Results



RT: 7.37
Area: 541577
Amount: 3.529155
Amount Units: ug/ml

Manual Integration Results



Reviewer: bayoumiw, 23-May-2015 19:54:29

Audit Action: Manually Integrated

Audit Reason: Baseline

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93092.D
 Lims ID: STD2
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 23-May-2015 16:52:30 ALS Bottle#: 6 Worklist Smp#: 6
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027763-006
 Operator ID: Instrument ID: CBNAMS6
 Sublist: chrom-8270LVI_R6*sub19
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\8270LVI_R6.m
 Limit Group: SV 8270D ICAL
 Last Update: 24-May-2015 09:22:44 Calib Date: 23-May-2015 20:34:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93102.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK024

First Level Reviewer: bayoumiw

Date: 23-May-2015 19:56:11

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.691	1.702	-0.011	85	72337	2.00	2.09	
2 N-Nitrosodimethylamine	74	1.900	1.917	-0.017	54	123349	2.00	2.08	
3 Pyridine	79	1.937	1.947	-0.010	65	152341	2.00	1.88	
\$ 4 2-Fluorophenol	112	3.017	3.021	-0.004	73	142587	2.00	2.09	
\$ 6 Phenol-d5	99	3.920	3.943	-0.023	69	193214	2.00	1.97	
7 Phenol	94	3.935	3.958	-0.023	68	190305	2.00	1.78	
8 Aniline	93	3.957	3.964	-0.007	89	253681	2.00	2.03	
9 Bis(2-chloroethyl)ether	93	4.024	4.037	-0.013	85	173856	2.00	2.03	
10 Benzonitrile	103	4.039	4.060	-0.021	86	286628	NC	NC	
11 2-Chlorophenol	128	4.084	4.090	-0.006	65	131323	2.00	1.90	
12 n-Decane	43	4.143	4.149	-0.006	88	234462	2.00	2.02	
13 1,3-Dichlorobenzene	146	4.239	4.238	0.001	80	178692	2.00	2.02	
* 14 1,4-Dichlorobenzene-d4	152	4.291	4.291	0.000	91	492136	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.306	4.313	-0.007	84	175936	2.00	1.89	
17 Benzyl alcohol	108	4.425	4.440	-0.015	77	91608	2.00	2.08	
18 1,2-Dichlorobenzene	146	4.463	4.463	0.000	80	166605	2.00	1.92	
19 2-Methylphenol	108	4.545	4.560	-0.015	60	129765	2.00	2.04	
20 2,2'-oxybis[1-chloropropan	45	4.575	4.582	-0.007	77	328263	2.00	2.07	
23 N-Methylaniline	106	4.687	4.701	-0.014	72	242593	NC	NC	
24 Acetophenone	105	4.695	4.709	-0.014	95	282151	2.00	2.07	
25 N-Nitrosodi-n-propylamine	70	4.702	4.716	-0.014	93	196728	2.00	2.10	
21 4-Methylphenol	108	4.702	4.724	-0.022	61	140822	2.00	1.91	
26 3 & 4 Methylphenol	108	4.702	4.724	-0.022	65	146314	2.00	1.91	
27 Hexachloroethane	117	4.807	4.806	0.001	84	103157	2.00	2.06	
\$ 28 Nitrobenzene-d5	82	4.844	4.859	-0.015	95	307926	2.00	2.13	
29 Nitrobenzene	77	4.867	4.881	-0.014	80	379634	2.00	1.95	
30 n,n'-Dimethylaniline	120	4.874	4.889	-0.015	94	202820	2.00	1.85	
31 Isophorone	82	5.113	5.127	-0.014	94	476244	2.00	2.10	
32 2-Nitrophenol	139	5.188	5.201	-0.013	45	84719	2.00	1.82	
33 2,4-Dimethylphenol	122	5.240	5.253	-0.013	71	120367	2.00	1.95	
34 Bis(2-chloroethoxy)methane	93	5.338	5.342	-0.004	83	196757	2.00	2.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.338	5.409	-0.071	42	74826	2.00	1.83	
36 2,4-Dichlorophenol	162	5.441	5.447	-0.006	82	161987	2.00	1.98	
37 1,2,4-Trichlorobenzene	180	5.524	5.530	-0.006	91	213460	2.00	1.99	
* 38 Naphthalene-d8	136	5.583	5.582	0.001	96	1571006	8.00	8.00	
39 Naphthalene	128	5.598	5.604	-0.006	94	357312	2.00	1.90	
40 4-Chloroaniline	127	5.658	5.664	-0.006	82	163998	2.00	1.98	
41 Hexachlorobutadiene	225	5.740	5.739	0.001	92	176435	2.00	2.01	
44 4-Chloro-3-methylphenol	107	6.150	6.156	-0.006	84	184702	2.00	2.11	
45 2-Methylnaphthalene	142	6.299	6.298	0.001	79	291084	2.00	1.95	
46 1-Methylnaphthalene	142	6.396	6.401	-0.005	87	273333	2.00	1.96	
47 Hexachlorocyclopentadiene	237	6.471	6.469	0.002	85	143236	2.00	1.66	
48 1,2,4,5-Tetrachlorobenzene	216	6.471	6.476	-0.005	95	263882	2.00	1.85	
49 2-tertbutyl-4-methylphenol	149	6.507	6.514	-0.007	84	263739	2.00	2.00	
50 2,4,6-Trichlorophenol	196	6.580	6.589	-0.009	84	148577	2.00	1.82	
51 2,4,5-Trichlorophenol	196	6.618	6.619	-0.001	91	164858	2.00	1.91	
\$ 52 2-Fluorobiphenyl	172	6.671	6.672	-0.001	96	428331	2.00	1.82	
53 1,1'-Biphenyl	154	6.768	6.770	-0.002	95	373773	2.00	1.79	
54 2-Chloronaphthalene	162	6.783	6.785	-0.002	94	303178	2.00	1.74	
55 Phenyl ether	170	6.872	6.872	0.000	84	226733	2.00	1.78	
57 2-Nitroaniline	65	6.879	6.895	-0.016	81	217478	2.00	1.96	
58 1,3-Dimethylnaphthalene	156	6.997	7.005	-0.008	84	236005	2.00	1.72	
59 Dimethyl phthalate	163	7.072	7.088	-0.016	96	496961	2.00	2.17	
60 Coumarin	146	7.086	7.096	-0.010	66	105324	2.00	2.03	
61 2,6-Dinitrotoluene	165	7.123	7.139	-0.015	77	107975	2.00	1.98	
62 Acenaphthylene	152	7.190	7.199	-0.009	96	457107	2.00	1.96	
63 3-Nitroaniline	138	7.287	7.304	-0.017	78	81443	2.00	1.97	
* 64 Acenaphthene-d10	164	7.340	7.341	-0.001	89	1215896	8.00	8.00	
66 Acenaphthene	154	7.362	7.371	-0.009	88	272629	2.00	1.62	M
65 3,5-di-tert-butyl-4-hydrox	205	7.362	7.371	-0.009	96	350665	2.00	1.76	
67 2,4-Dinitrophenol	184	7.392	7.409	-0.017	87	149215	4.00	3.69	
69 4-Nitrophenol	65	7.460	7.485	-0.025	81	251342	4.00	3.81	
70 2,4-Dinitrotoluene	165	7.520	7.537	-0.017	87	148871	2.00	2.04	
71 Dibenzofuran	168	7.535	7.545	-0.010	92	481836	2.00	1.92	
72 2,3,4,6-Tetrachlorophenol	232	7.661	7.671	-0.010	94	157930	2.00	1.97	
73 Diethyl phthalate	149	7.773	7.782	-0.009	95	474514	2.00	2.04	
74 4-Chlorophenyl phenyl ethe	204	7.878	7.880	-0.002	82	248006	2.00	1.94	
75 Fluorene	166	7.878	7.880	-0.002	90	366883	2.00	1.81	
76 4-Nitroaniline	138	7.893	7.918	-0.025	81	79070	2.00	2.09	
77 4,6-Dinitro-2-methylphenol	198	7.921	7.948	-0.027	75	202503	4.00	3.78	
78 N-Nitrosodiphenylamine	169	7.989	8.001	-0.012	67	247496	2.00	1.79	
79 1,2-Diphenylhydrazine	77	8.034	8.038	-0.004	92	539257	2.00	2.04	
\$ 80 2,4,6-Tribromophenol	330	8.115	8.121	-0.007	96	136728	2.00	1.95	
81 4-Bromophenyl phenyl ether	248	8.353	8.364	-0.011	83	169353	2.00	1.96	
82 Hexachlorobenzene	284	8.420	8.432	-0.012	95	219372	2.00	2.03	
84 Pentachlorophenol	266	8.614	8.626	-0.012	92	269234	4.00	3.69	
85 Pentachloronitrobenzene	237	8.636	8.640	-0.004	89	87180	2.00	1.83	
86 n-Octadecane	57	8.703	8.707	-0.004	89	284096	2.00	1.90	
* 87 Phenanthrene-d10	188	8.801	8.804	-0.003	97	2126691	8.00	8.00	
88 Phenanthrene	178	8.816	8.827	-0.011	97	559042	2.00	2.01	
89 Anthracene	178	8.868	8.879	-0.011	98	593317	2.00	2.06	
90 Carbazole	167	9.024	9.034	-0.010	98	449549	2.00	1.92	
91 Di-n-butyl phthalate	149	9.379	9.383	-0.004	99	700639	2.00	2.07	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	9.985	9.994	-0.009	98	640970	2.00	2.05	
93 Benzidine	184	10.112	10.121	-0.009	98	233735	2.00	1.56	
94 Pyrene	202	10.210	10.217	-0.007	97	622716	2.00	2.12	
95 Bisphenol-A	213	10.277	10.270	0.007	0	174440	2.00	1.59	
\$ 96 Terphenyl-d14	244	10.368	10.374	-0.006	98	486161	2.00	1.97	
97 Butyl benzyl phthalate	149	10.888	10.897	-0.009	97	256922	2.00	1.96	
99 Carbamazepine	193	11.000	11.021	-0.021	89	202208	2.00	1.89	
100 3,3'-Dichlorobenzidine	252	11.498	11.511	-0.013	97	204805	2.00	1.93	
101 Benzo[a]anthracene	228	11.521	11.532	-0.011	94	536384	2.00	2.01	
* 102 Chrysene-d12	240	11.541	11.546	-0.005	97	1790364	8.00	8.00	
104 Chrysene	228	11.571	11.581	-0.010	99	520559	2.00	2.15	
103 Bis(2-ethylhexyl) phthalat	149	11.578	11.581	-0.003	89	336268	2.00	1.91	
105 Di-n-octyl phthalate	149	12.419	12.432	-0.013	96	512275	2.00	1.94	
106 Benzo[b]fluoranthene	252	12.907	12.930	-0.023	95	466297	2.00	2.02	
107 Benzo[k]fluoranthene	252	12.950	12.966	-0.016	94	496702	2.00	2.05	
108 Benzo[a]pyrene	252	13.351	13.369	-0.018	98	428971	2.00	2.01	
* 109 Perylene-d12	264	13.441	13.444	-0.003	97	1658210	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.911	14.931	-0.020	93	378539	2.00	2.13	M
111 Dibenz(a,h)anthracene	278	14.948	14.973	-0.025	94	391925	2.00	1.93	
112 Benzo[g,h,i]perylene	276	15.312	15.341	-0.029	93	412232	2.00	1.88	
S 119 Total Cresols	1				0			3.94	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL4_00026

Amount Added: 1.00

Units: mL

Report Date: 24-May-2015 09:22:45

Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93092.D

Injection Date: 23-May-2015 16:52:30

Instrument ID: CBNAMS6

Operator ID:

Lims ID: STD2

Worklist Smp#: 6

Client ID:

Injection Vol: 5.0 ul

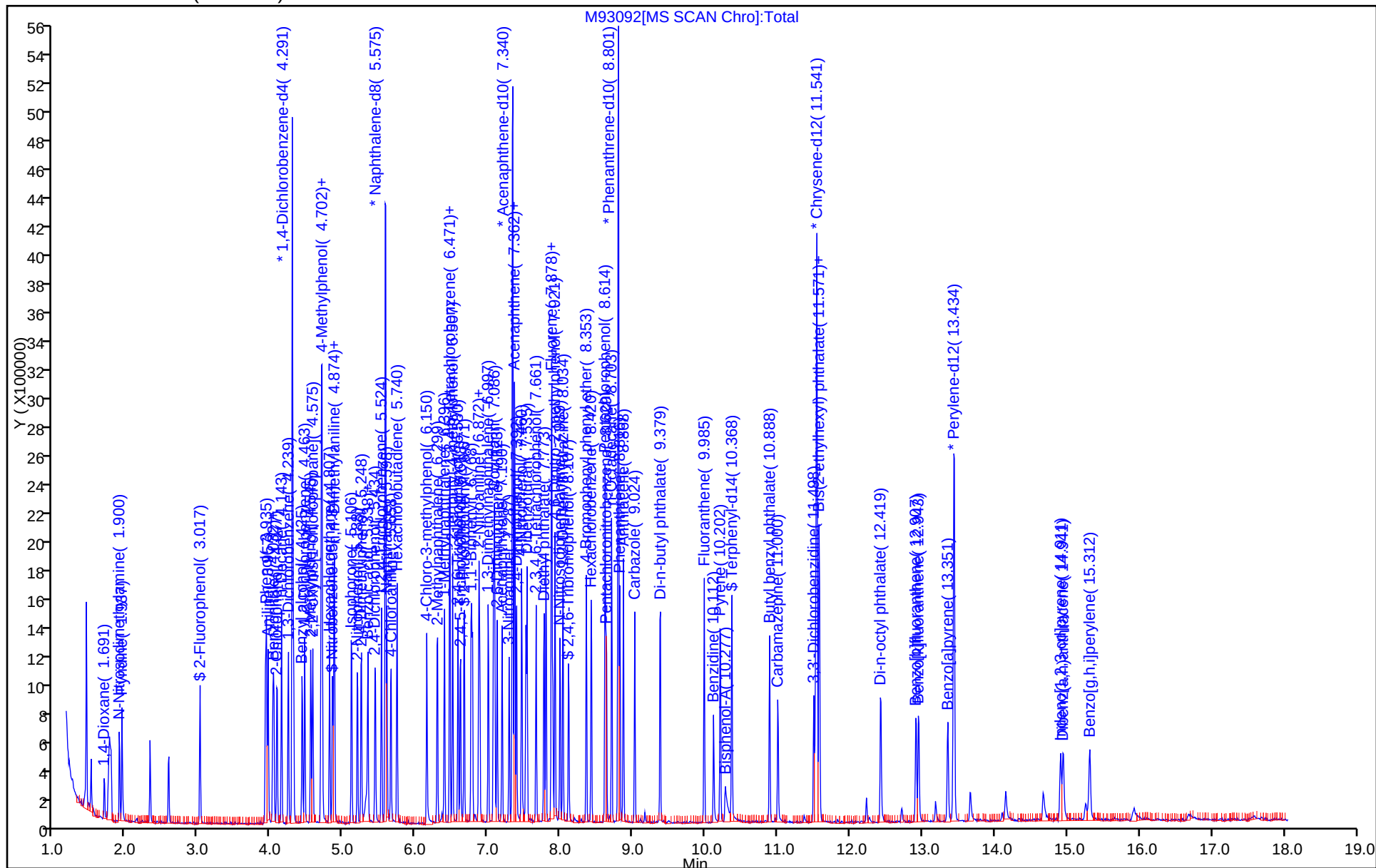
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8270LVI_R6

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93092.D

Injection Date: 23-May-2015 16:52:30

Instrument ID: CBNAMS6

Lims ID: STD2

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 6

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

Method: 8270LVI_R6

Limit Group: SV 8270D ICAL

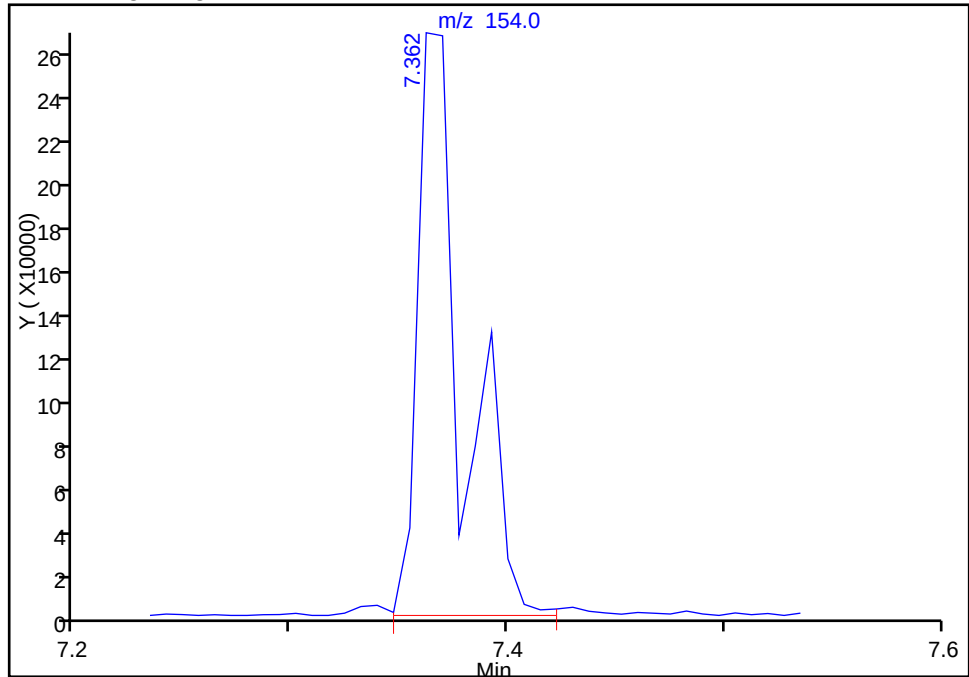
Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

66 Acenaphthene, CAS: 83-32-9

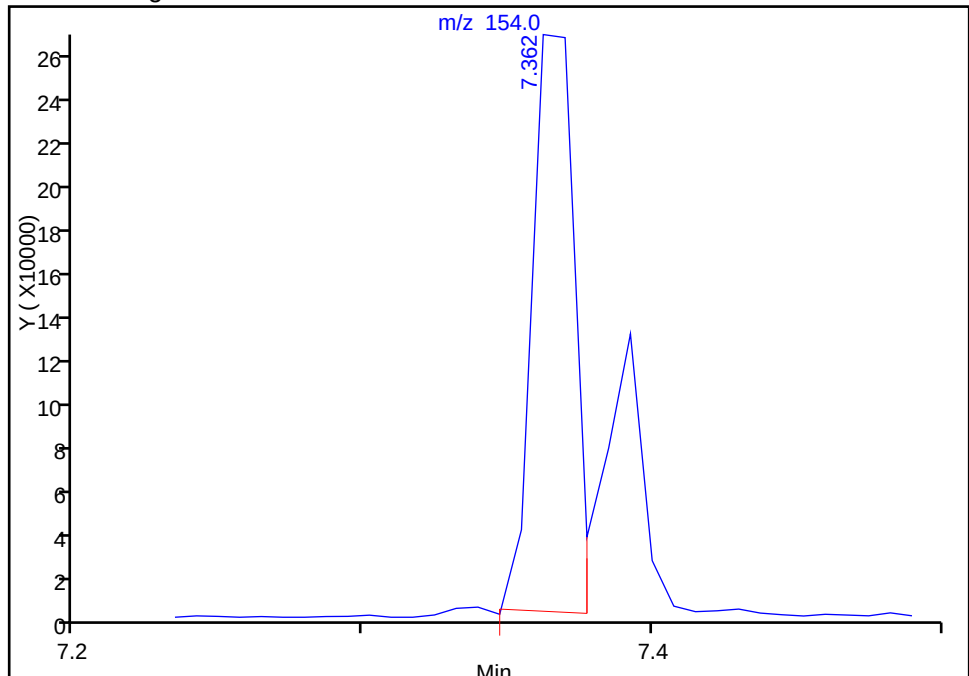
RT: 7.36
Area: 389067
Amount: 2.097317
Amount Units: ug/ml

Processing Integration Results



RT: 7.36
Area: 272629
Amount: 1.618108
Amount Units: ug/ml

Manual Integration Results



Reviewer: bayoumiw, 23-May-2015 19:56:11

Audit Action: Manually Integrated

Audit Reason: Baseline

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93092.D

Injection Date: 23-May-2015 16:52:30

Instrument ID: CBNAMS6

Lims ID: STD2

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 6

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

Method: 8270LVI_R6

Limit Group: SV 8270D ICAL

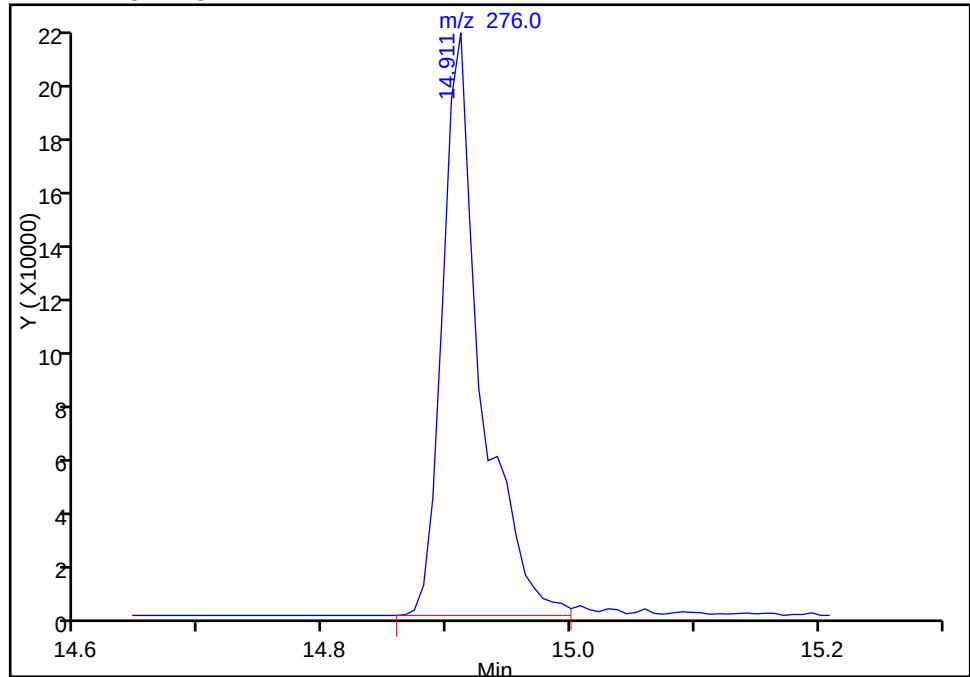
Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

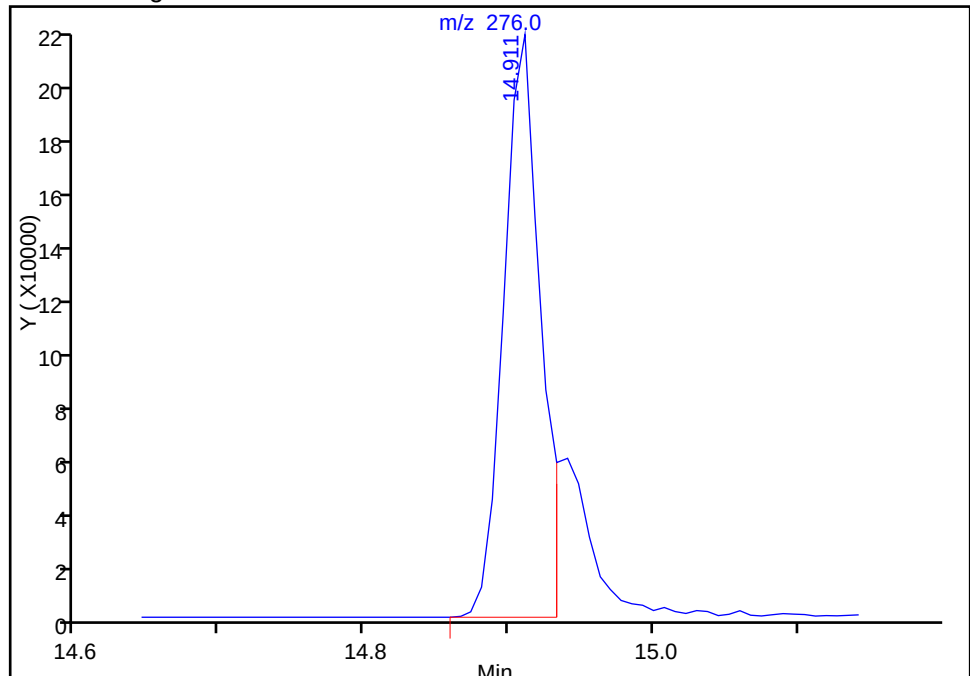
Processing Integration Results

RT: 14.91
Area: 459578
Amount: 2.440684
Amount Units: ug/ml



Manual Integration Results

RT: 14.91
Area: 378539
Amount: 2.132044
Amount Units: ug/ml



Reviewer: bayoumiw, 23-May-2015 19:56:11

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93093.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 23-May-2015 17:14:30 ALS Bottle#: 7 Worklist Smp#: 7
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027763-007
 Operator ID: Instrument ID: CBNAMS6
 Sublist: chrom-8270LVI_R6*sub19
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\8270LVI_R6.m
 Limit Group: SV 8270D ICAL
 Last Update: 24-May-2015 09:22:48 Calib Date: 23-May-2015 20:34:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93102.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK024

First Level Reviewer: bayoumiw

Date: 23-May-2015 19:57:26

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.693	1.702	-0.009	86	34257	1.00	1.00	
2 N-Nitrosodimethylamine	74	1.902	1.917	-0.015	53	60352	1.00	1.04	
3 Pyridine	79	1.939	1.947	-0.008	65	76236	1.00	0.9584	
\$ 4 2-Fluorophenol	112	3.017	3.021	-0.004	72	69592	1.00	1.04	
\$ 6 Phenol-d5	99	3.917	3.943	-0.026	77	106561	1.00	1.10	
7 Phenol	94	3.932	3.958	-0.026	78	103607	1.00	0.9860	
8 Aniline	93	3.954	3.964	-0.010	88	124133	1.00	1.01	
9 Bis(2-chloroethyl)ether	93	4.021	4.037	-0.016	87	81360	1.00	0.9631	
10 Benzonitrile	103	4.036	4.060	-0.024	84	148742	NC	NC	
11 2-Chlorophenol	128	4.081	4.090	-0.009	69	68499	1.00	1.00	
12 n-Decane	43	4.140	4.149	-0.009	85	123245	1.00	1.08	
13 1,3-Dichlorobenzene	146	4.236	4.238	-0.002	76	87077	1.00	1.00	
* 14 1,4-Dichlorobenzene-d4	152	4.295	4.291	0.004	92	484277	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.310	4.313	-0.003	88	95315	1.00	1.04	
17 Benzyl alcohol	108	4.430	4.440	-0.010	76	39887	1.00	0.9214	
18 1,2-Dichlorobenzene	146	4.467	4.463	0.004	78	85456	1.00	1.00	
19 2-Methylphenol	108	4.548	4.560	-0.012	61	64137	1.00	1.02	
20 2,2'-oxybis[1-chloropropan	45	4.571	4.582	-0.011	79	174270	1.00	1.12	
23 N-Methylaniline	106	4.690	4.701	-0.011	65	119008	NC	NC	
24 Acetophenone	105	4.698	4.709	-0.011	81	140670	1.00	1.05	
25 N-Nitrosodi-n-propylamine	70	4.698	4.716	-0.018	94	107895	1.00	1.17	
21 4-Methylphenol	108	4.705	4.724	-0.019	69	76797	1.00	1.06	
26 3 & 4 Methylphenol	108	4.705	4.724	-0.019	68	78628	1.00	1.04	
27 Hexachloroethane	117	4.809	4.806	0.003	81	54634	1.00	1.11	
\$ 28 Nitrobenzene-d5	82	4.846	4.859	-0.013	97	145332	1.00	0.99	
29 Nitrobenzene	77	4.869	4.881	-0.012	80	196537	1.00	1.00	
30 n,n'-Dimethylaniline	120	4.876	4.889	-0.013	88	99466	1.00	0.9236	
31 Isophorone	82	5.106	5.127	-0.021	93	244087	1.00	1.06	
32 2-Nitrophenol	139	5.189	5.201	-0.012	48	45373	1.00	0.9613	
33 2,4-Dimethylphenol	122	5.247	5.253	-0.006	71	60976	1.00	0.9707	
34 Bis(2-chloroethoxy)methane	93	5.336	5.342	-0.006	87	99768	1.00	1.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.314	5.409	-0.095	81	31730	1.00	0.7643	
36 2,4-Dichlorophenol	162	5.440	5.447	-0.007	81	81540	1.00	0.9814	
37 1,2,4-Trichlorobenzene	180	5.522	5.530	-0.008	89	106669	1.00	0.9802	
* 38 Naphthalene-d8	136	5.582	5.582	0.000	96	1594642	8.00	8.00	
39 Naphthalene	128	5.597	5.604	-0.007	94	177607	1.00	0.9304	
40 4-Chloroaniline	127	5.657	5.664	-0.007	85	87773	1.00	1.05	
41 Hexachlorobutadiene	225	5.737	5.739	-0.002	91	96545	1.00	1.08	
44 4-Chloro-3-methylphenol	107	6.154	6.156	-0.002	84	90587	1.00	1.02	
45 2-Methylnaphthalene	142	6.296	6.298	-0.002	76	143097	1.00	0.9422	
46 1-Methylnaphthalene	142	6.394	6.401	-0.007	89	145128	1.00	1.03	
47 Hexachlorocyclopentadiene	237	6.468	6.469	-0.001	76	66862	1.00	0.8187	
48 1,2,4,5-Tetrachlorobenzene	216	6.468	6.476	-0.008	93	136979	1.00	1.01	
49 2-tertbutyl-4-methylphenol	149	6.506	6.514	-0.008	82	134241	1.00	1.00	
50 2,4,6-Trichlorophenol	196	6.581	6.589	-0.008	88	81617	1.00	1.06	
51 2,4,5-Trichlorophenol	196	6.611	6.619	-0.008	89	78336	1.00	0.9576	
\$ 52 2-Fluorobiphenyl	172	6.663	6.672	-0.009	97	218216	1.00	0.9788	
53 1,1'-Biphenyl	154	6.761	6.770	-0.009	94	186718	1.00	0.9465	
54 2-Chloronaphthalene	162	6.783	6.785	-0.002	96	159375	1.00	0.9672	
55 Phenyl ether	170	6.872	6.872	0.000	88	115838	1.00	0.9641	
57 2-Nitroaniline	65	6.880	6.895	-0.015	81	107489	1.00	1.02	
58 1,3-Dimethylnaphthalene	156	7.000	7.005	-0.005	86	127466	1.00	0.9821	
59 Dimethyl phthalate	163	7.074	7.088	-0.014	96	232268	1.00	1.07	
60 Coumarin	146	7.081	7.096	-0.015	62	52605	1.00	1.00	
61 2,6-Dinitrotoluene	165	7.119	7.139	-0.019	76	54498	1.00	1.06	
62 Acenaphthylene	152	7.194	7.199	-0.005	96	222324	1.00	1.01	
63 3-Nitroaniline	138	7.290	7.304	-0.014	80	38936	1.00	0.99	
* 64 Acenaphthene-d10	164	7.335	7.341	-0.006	89	1149943	8.00	8.00	
66 Acenaphthene	154	7.365	7.371	-0.006	84	150073	1.00	0.9418	M
65 3,5-di-tert-butyl-4-hydrox	205	7.365	7.371	-0.006	96	175083	1.00	0.9285	
67 2,4-Dinitrophenol	184	7.387	7.409	-0.022	79	61362	2.00	1.61	
69 4-Nitrophenol	65	7.462	7.485	-0.023	84	128171	2.00	2.05	
70 2,4-Dinitrotoluene	165	7.521	7.537	-0.016	90	71457	1.00	1.04	
71 Dibenzofuran	168	7.536	7.545	-0.009	93	245816	1.00	1.04	
72 2,3,4,6-Tetrachlorophenol	232	7.662	7.671	-0.009	94	77887	1.00	1.03	
73 Diethyl phthalate	149	7.767	7.782	-0.015	95	231176	1.00	1.05	
74 4-Chlorophenyl phenyl ethe	204	7.880	7.880	0.000	87	126208	1.00	1.04	
75 Fluorene	166	7.872	7.880	-0.008	96	188746	1.00	0.9831	
76 4-Nitroaniline	138	7.887	7.918	-0.031	82	38280	1.00	1.07	
77 4,6-Dinitro-2-methylphenol	198	7.925	7.948	-0.023	80	94466	2.00	1.87	
78 N-Nitrosodiphenylamine	169	7.991	8.001	-0.010	67	125643	1.00	0.9151	
79 1,2-Diphenylhydrazine	77	8.029	8.038	-0.009	90	273438	1.00	1.04	
\$ 80 2,4,6-Tribromophenol	330	8.111	8.121	-0.010	93	70637	1.00	1.06	
81 4-Bromophenyl phenyl ether	248	8.356	8.364	-0.008	85	87584	1.00	1.02	
82 Hexachlorobenzene	284	8.424	8.432	-0.008	94	106887	1.00	1.00	
84 Pentachlorophenol	266	8.610	8.626	-0.016	92	141199	2.00	1.95	
85 Pentachloronitrobenzene	237	8.633	8.640	-0.007	86	50047	1.00	1.06	
86 n-Octadecane	57	8.708	8.707	0.001	92	145318	1.00	0.9804	
* 87 Phenanthrene-d10	188	8.798	8.804	-0.006	97	2108781	8.00	8.00	
88 Phenanthrene	178	8.820	8.827	-0.007	96	301159	1.00	1.09	
89 Anthracene	178	8.865	8.879	-0.015	98	296642	1.00	1.04	
90 Carbazole	167	9.022	9.034	-0.012	97	236962	1.00	1.02	
91 Di-n-butyl phthalate	149	9.378	9.383	-0.005	98	362193	1.00	1.08	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	9.981	9.994	-0.013	98	329073	1.00	1.06	
93 Benzidine	184	10.113	10.121	-0.008	97	119947	1.00	0.8077	
94 Pyrene	202	10.203	10.217	-0.014	98	340910	1.00	1.14	
95 Bisphenol-A	213	10.293	10.270	0.023	0	90686	1.00	0.8123	
\$ 96 Terphenyl-d14	244	10.368	10.374	-0.006	97	275147	1.00	1.09	
97 Butyl benzyl phthalate	149	10.890	10.897	-0.007	97	145445	1.00	1.09	
99 Carbamazepine	193	11.002	11.021	-0.019	91	105547	1.00	0.9657	
100 3,3'-Dichlorobenzidine	252	11.493	11.511	-0.018	96	100755	1.00	0.9296	
101 Benzo[a]anthracene	228	11.523	11.532	-0.009	93	283468	1.00	1.04	
* 102 Chrysene-d12	240	11.537	11.546	-0.009	97	1827237	8.00	8.00	
104 Chrysene	228	11.566	11.581	-0.015	99	261544	1.00	1.06	
103 Bis(2-ethylhexyl) phthalat	149	11.573	11.581	-0.008	88	171155	1.00	0.9539	
105 Di-n-octyl phthalate	149	12.424	12.432	-0.008	96	260418	1.00	1.05	
106 Benzo[b]fluoranthene	252	12.908	12.930	-0.022	95	221169	1.00	1.02	
107 Benzo[k]fluoranthene	252	12.946	12.966	-0.020	94	228622	1.00	1.01	
108 Benzo[a]pyrene	252	13.345	13.369	-0.024	97	206530	1.00	1.03	
* 109 Perylene-d12	264	13.436	13.444	-0.008	96	1556544	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.904	14.931	-0.027	92	173289	1.00	1.07	
111 Dibenz(a,h)anthracene	278	14.941	14.973	-0.032	98	172852	1.00	0.9073	
112 Benzo[g,h,i]perylene	276	15.303	15.341	-0.038	93	199654	1.00	0.9707	
S 119 Total Cresols	1				0			2.06	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL3_00019

Amount Added: 1.00

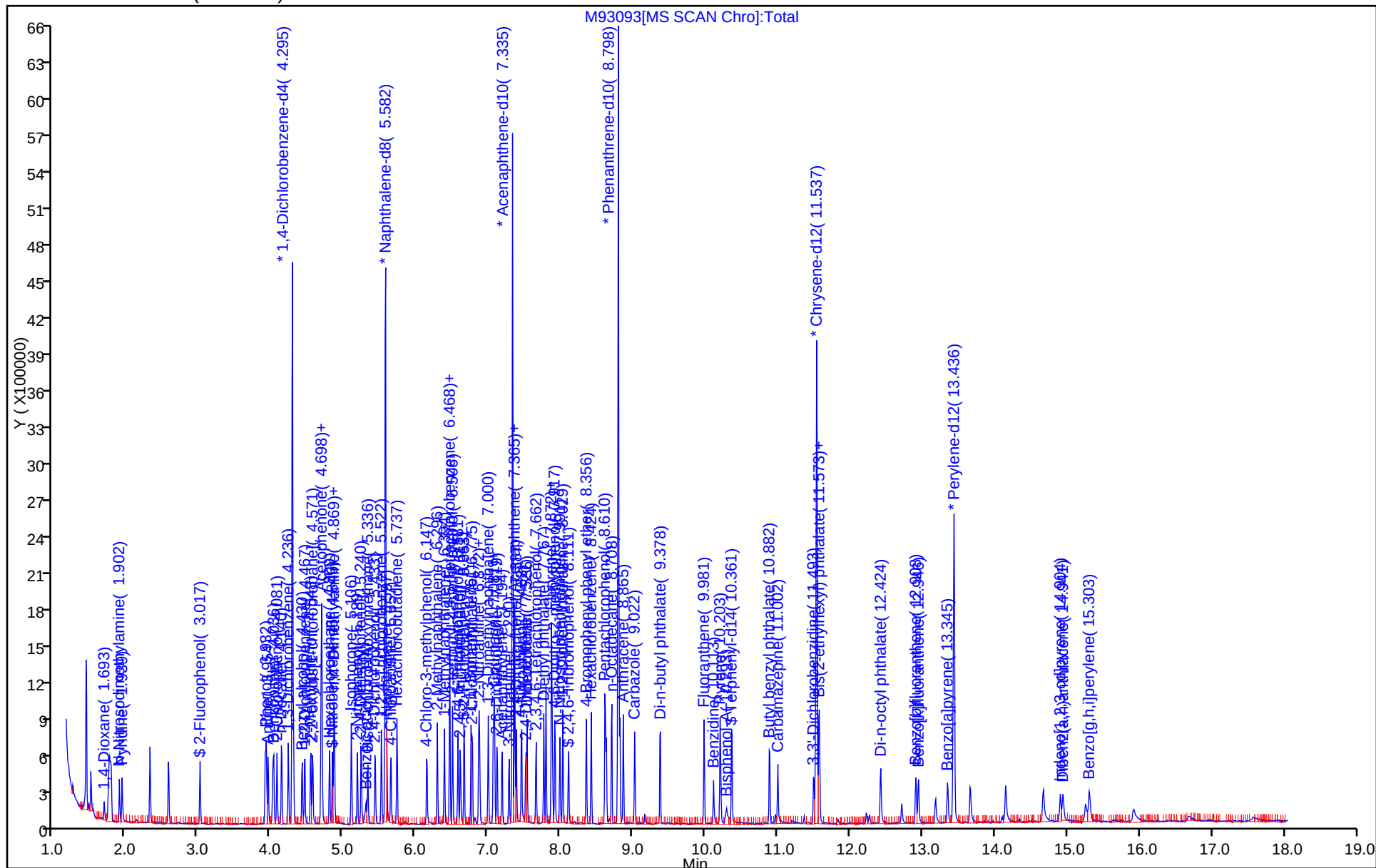
Units: mL

Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93093.D		
Injection Date:	23-May-2015 17:14:30	Instrument ID:	CBNAMS6
Lims ID:	STD1		
Client ID:			
Injection Vol:	5.0 ul	Dil. Factor:	1.0000
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL
Column:	Rtxi-5Sil MS (0.25 mm)		

Operator ID:
Worklist Smp#: 7
ALS Bottle#: 7



TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93093.D

Injection Date: 23-May-2015 17:14:30

Instrument ID: CBNAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 7

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

Method: 8270LVI_R6

Limit Group: SV 8270D ICAL

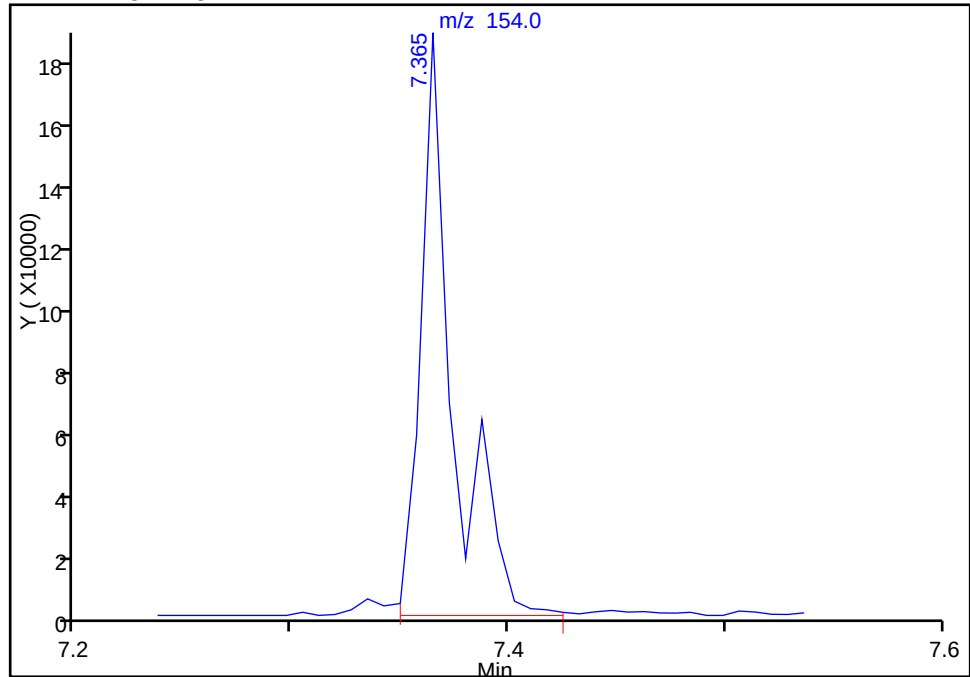
Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

66 Acenaphthene, CAS: 83-32-9

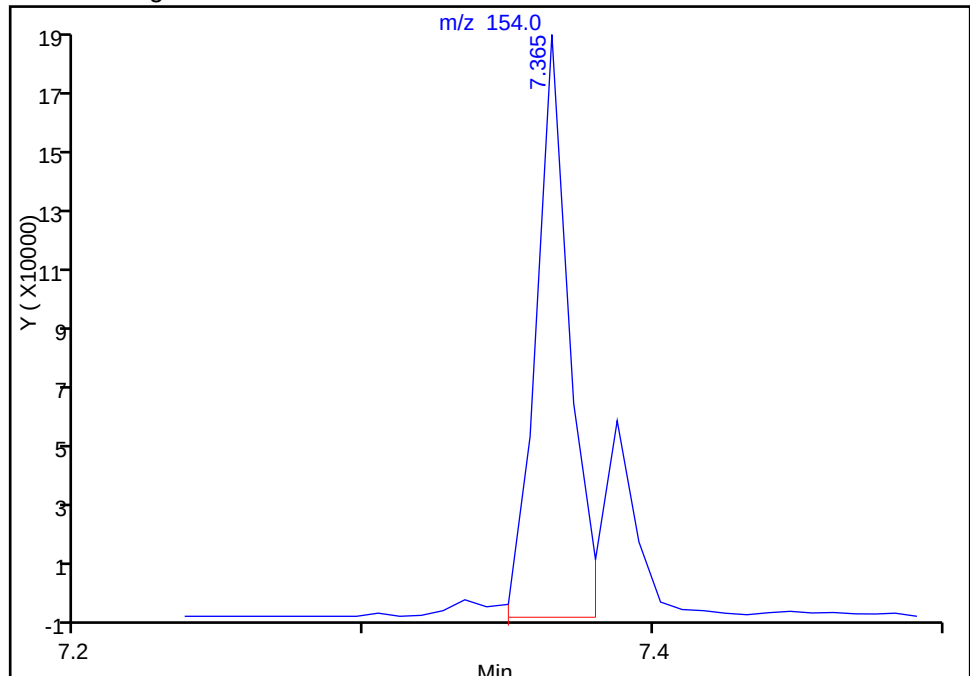
RT: 7.36
Area: 191597
Amount: 1.303075
Amount Units: ug/ml

Processing Integration Results



RT: 7.36
Area: 150073
Amount: 0.941799
Amount Units: ug/ml

Manual Integration Results



Reviewer: bayoumiw, 23-May-2015 19:57:26

Audit Action: Manually Integrated

Audit Reason: Baseline

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93094.D
 Lims ID: STD02
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 23-May-2015 17:37:30 ALS Bottle#: 8 Worklist Smp#: 8
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027763-008
 Operator ID: Instrument ID: CBNAMS6
 Sublist: chrom-8270LVI_R6*sub19
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\8270LVI_R6.m
 Limit Group: SV 8270D ICAL
 Last Update: 24-May-2015 09:22:52 Calib Date: 23-May-2015 20:34:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93102.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK024

First Level Reviewer: bayoumiw

Date: 23-May-2015 19:58:11

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	3.018	3.021	-0.003	69	14149	0.2000	0.1695	
\$ 6 Phenol-d5	99	3.920	3.943	-0.023	70	21437	0.2000	0.1786	
9 Bis(2-chloroethyl)ether	93	4.023	4.037	-0.014	86	24201	0.2000	0.2306	
* 14 1,4-Dichlorobenzene-d4	152	4.291	4.291	0.000	91	601720	8.00	8.00	
25 N-Nitrosodi-n-propylamine	70	4.699	4.716	-0.017	92	22104	0.2000	0.1926	
27 Hexachloroethane	117	4.804	4.806	-0.002	89	11945	0.2000	0.1954	
\$ 28 Nitrobenzene-d5	82	4.848	4.859	-0.011	94	30365	0.2000	0.1805	
29 Nitrobenzene	77	4.871	4.881	-0.010	79	45052	0.2000	0.1986	
31 Isophorone	82	5.107	5.127	-0.020	93	52158	0.2000	0.1972	
37 1,2,4-Trichlorobenzene	180	5.526	5.530	-0.004	89	24092	0.2000	0.1928	
* 38 Naphthalene-d8	136	5.578	5.582	-0.004	96	1831525	8.00	8.00	
41 Hexachlorobutadiene	225	5.742	5.739	0.003	88	21521	0.2000	0.2104	
50 2,4,6-Trichlorophenol	196	6.581	6.589	-0.008	89	18891	0.2000	0.2012	
\$ 52 2-Fluorobiphenyl	172	6.663	6.672	-0.009	97	49525	0.2000	0.1823	
61 2,6-Dinitrotoluene	165	7.119	7.139	-0.019	81	13016	0.2000	0.2075	
* 64 Acenaphthene-d10	164	7.340	7.341	-0.001	90	1400932	8.00	8.00	
70 2,4-Dinitrotoluene	165	7.519	7.537	-0.018	83	14190	0.2000	0.1691	
77 4,6-Dinitro-2-methylphenol	198	7.920	7.948	-0.028	80	15309	0.4000	0.4073	
\$ 80 2,4,6-Tribromophenol	330	8.106	8.121	-0.015	92	17404	0.2000	0.2151	
82 Hexachlorobenzene	284	8.419	8.432	-0.013	91	27107	0.2000	0.2070	
* 87 Phenanthrene-d10	188	8.798	8.804	-0.006	97	2576055	8.00	8.00	
\$ 96 Terphenyl-d14	244	10.365	10.374	-0.009	98	58199	0.2000	0.2079	
100 3,3'-Dichlorobenzidine	252	11.497	11.511	-0.014	92	20054	0.2000	0.1666	
101 Benzo[a]anthracene	228	11.527	11.532	-0.005	93	65028	0.2000	0.2149	
* 102 Chrysene-d12	240	11.541	11.546	-0.005	97	2029286	8.00	8.00	
104 Chrysene	228	11.569	11.581	-0.012	98	53028	0.2000	0.1934	
103 Bis(2-ethylhexyl) phthalat	149	11.577	11.581	-0.004	86	41053	0.2000	0.2060	
106 Benzo[b]fluoranthene	252	12.909	12.930	-0.021	95	40936	0.2000	0.1806	
107 Benzo[k]fluoranthene	252	12.947	12.966	-0.019	94	50488	0.2000	0.2119	
108 Benzo[a]pyrene	252	13.350	13.369	-0.019	95	41262	0.2000	0.1968	
* 109 Perylene-d12	264	13.440	13.444	-0.004	96	1632107	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
110 Indeno[1,2,3-cd]pyrene	276	14.907	14.931	-0.024	92	33123	0.2000	0.1999	
111 Dibenz(a,h)anthracene	278	14.936	14.973	-0.037	92	35809	0.2000	0.1793	M

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL2_00016

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93094.D

Injection Date: 23-May-2015 17:37:30

Instrument ID: CBNAMS6

Operator ID:

Lims ID: STD02

Worklist Smp#: 8

Client ID:

Injection Vol: 5.0 ul

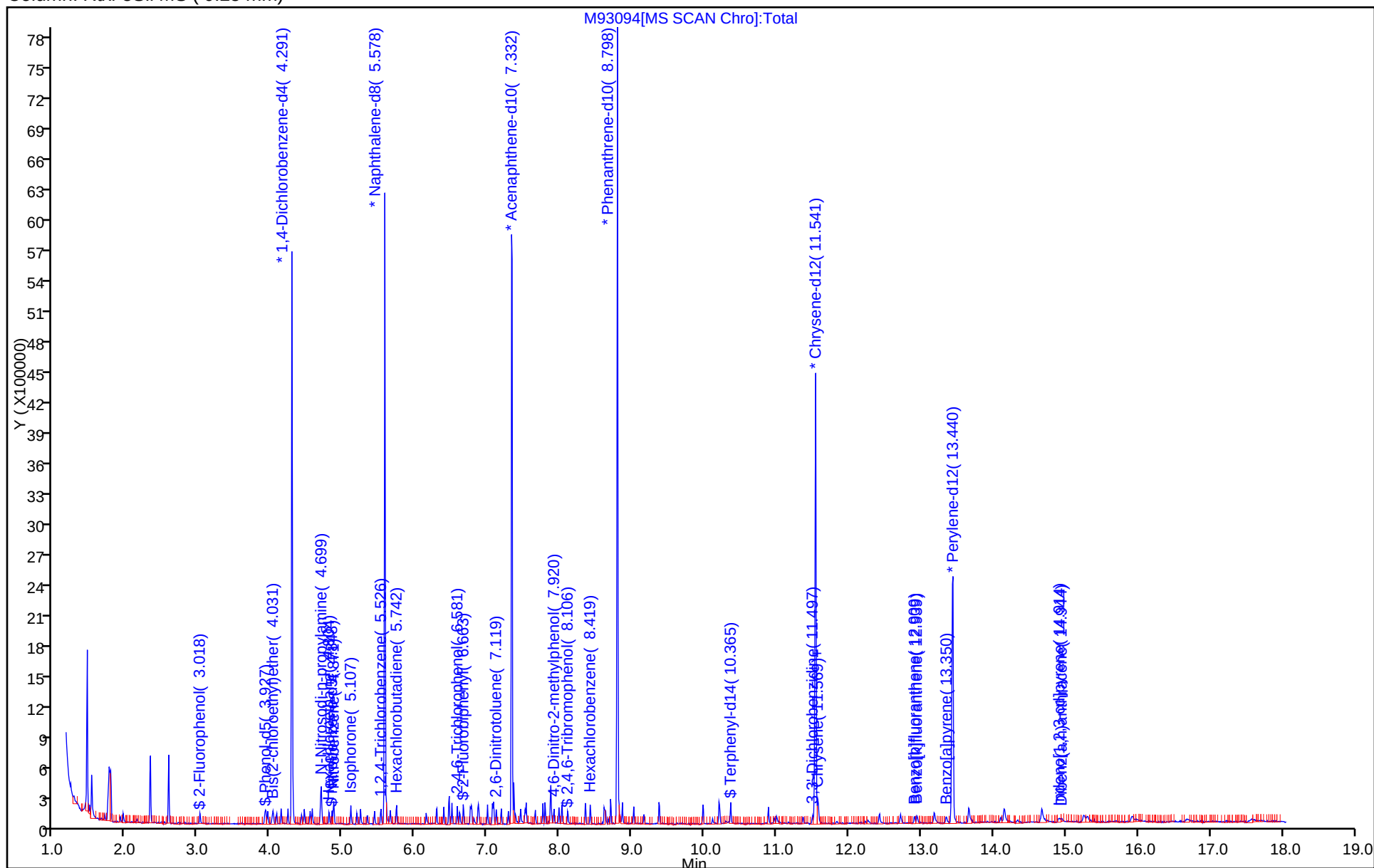
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8270LVI_R6

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

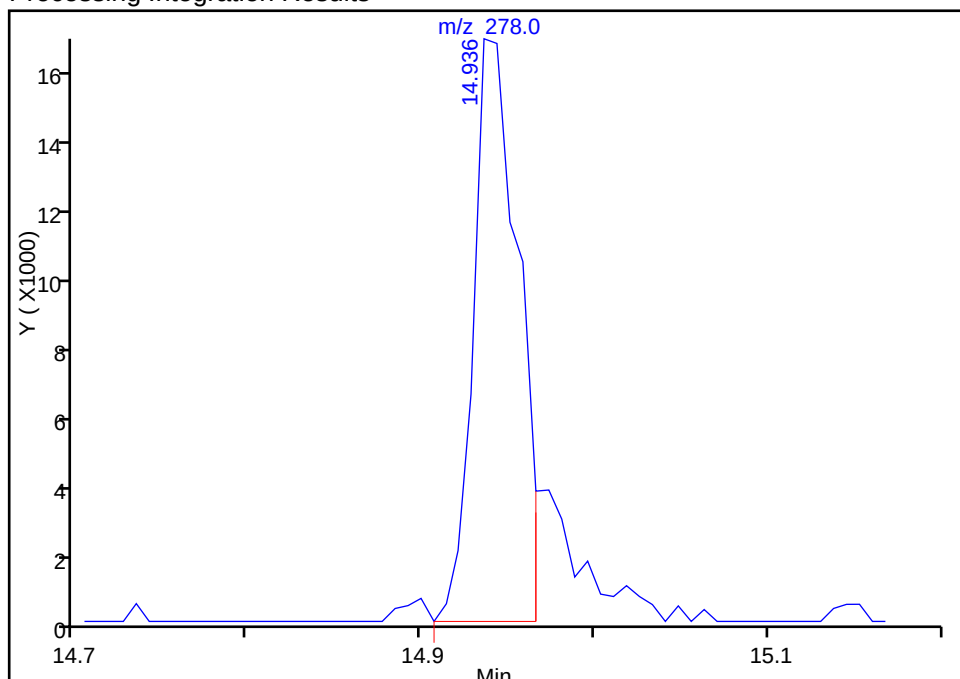
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93094.D
Injection Date: 23-May-2015 17:37:30 Instrument ID: CBNAMS6
Lims ID: STD02
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: 8270LVI_R6
Column: Rtxi-5Sil MS (0.25 mm)

ALS Bottle#: 8 Worklist Smp#: 8
Dil. Factor: 1.0000
Limit Group: SV 8270D ICAL
Detector: MS SCAN

111 Dibenz(a,h)anthracene, CAS: 53-70-3

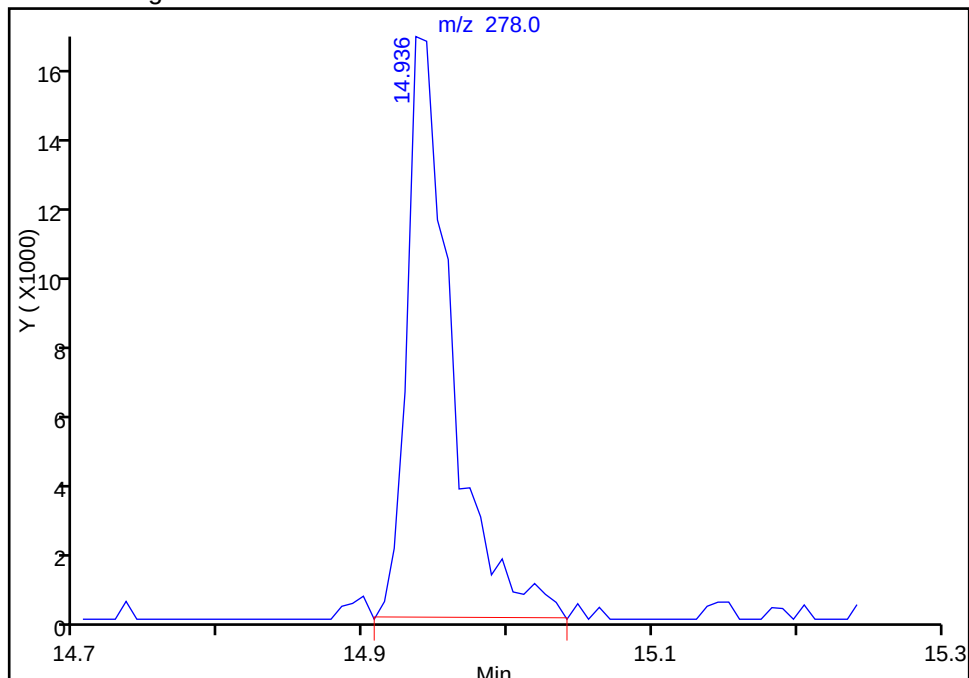
RT: 14.94
Area: 29987
Amount: 0.199033
Amount Units: ug/ml

Processing Integration Results



RT: 14.94
Area: 35809
Amount: 0.179264
Amount Units: ug/ml

Manual Integration Results



Reviewer: bayoumiw, 23-May-2015 19:58:11
Audit Action: Manually Integrated
Audit Reason: Baseline

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93095.D
 Lims ID: STD01
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 23-May-2015 17:59:30 ALS Bottle#: 9 Worklist Smp#: 9
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027763-009
 Operator ID: Instrument ID: CBNAMS6
 Sublist: chrom-8270LVI_R6*sub19
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\8270LVI_R6.m
 Limit Group: SV 8270D ICAL
 Last Update: 24-May-2015 09:22:55 Calib Date: 23-May-2015 20:34:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93102.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK024

First Level Reviewer: bayoumiw

Date: 23-May-2015 19:58:50

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
9 Bis(2-chloroethyl)ether	93	4.020	4.037	-0.017	80	7687	0.1000	0.0909	
* 14 1,4-Dichlorobenzene-d4	152	4.295	4.291	0.004	91	484936	8.00	8.00	
25 N-Nitrosodi-n-propylamine	70	4.701	4.716	-0.015	78	8994	0.1000	0.0972	
27 Hexachloroethane	117	4.806	4.806	0.000	71	4259	0.1000	0.0865	
\$ 28 Nitrobenzene-d5	82	4.843	4.859	-0.016	92	14550	0.1000	0.0993	
29 Nitrobenzene	77	4.864	4.881	-0.017	75	18020	0.1000	0.0912	
37 1,2,4-Trichlorobenzene	180	5.526	5.530	-0.004	86	12035	0.1000	0.1105	
* 38 Naphthalene-d8	136	5.576	5.582	-0.006	96	1596017	8.00	8.00	
41 Hexachlorobutadiene	225	5.741	5.739	0.002	89	8181	0.1000	0.0918	
\$ 52 2-Fluorobiphenyl	172	6.668	6.672	-0.004	97	23698	0.1000	0.1158	
* 64 Acenaphthene-d10	164	7.338	7.341	-0.003	93	1055573	8.00	8.00	
82 Hexachlorobenzene	284	8.423	8.432	-0.009	91	11621	0.1000	0.1045	
* 87 Phenanthrene-d10	188	8.800	8.804	-0.004	97	2187120	8.00	8.00	
\$ 96 Terphenyl-d14	244	10.364	10.374	-0.010	96	29146	0.1000	0.1091	
101 Benzo[a]anthracene	228	11.525	11.532	-0.007	47	29948	0.1000	0.1037	
* 102 Chrysene-d12	240	11.539	11.546	-0.007	96	1936128	8.00	8.00	
106 Benzo[b]fluoranthene	252	12.906	12.930	-0.024	65	20487	0.1000	0.0909	
107 Benzo[k]fluoranthene	252	12.942	12.966	-0.024	92	23442	0.1000	0.0989	
108 Benzo[a]pyrene	252	13.344	13.369	-0.025	53	19275	0.1000	0.0924	
* 109 Perylene-d12	264	13.439	13.444	-0.005	97	1623363	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.907	14.931	-0.024	17	14468	0.1000	0.0881	
111 Dibenz(a,h)anthracene	278	14.952	14.973	-0.021	19	16237	0.1000	0.0817	

Reagents:

SM_BNAL1_00016

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93095.D

Injection Date: 23-May-2015 17:59:30

Instrument ID: CBNAMS6

Operator ID:

Lims ID: STD01

Worklist Smp#: 9

Client ID:

Injection Vol: 5.0 ul

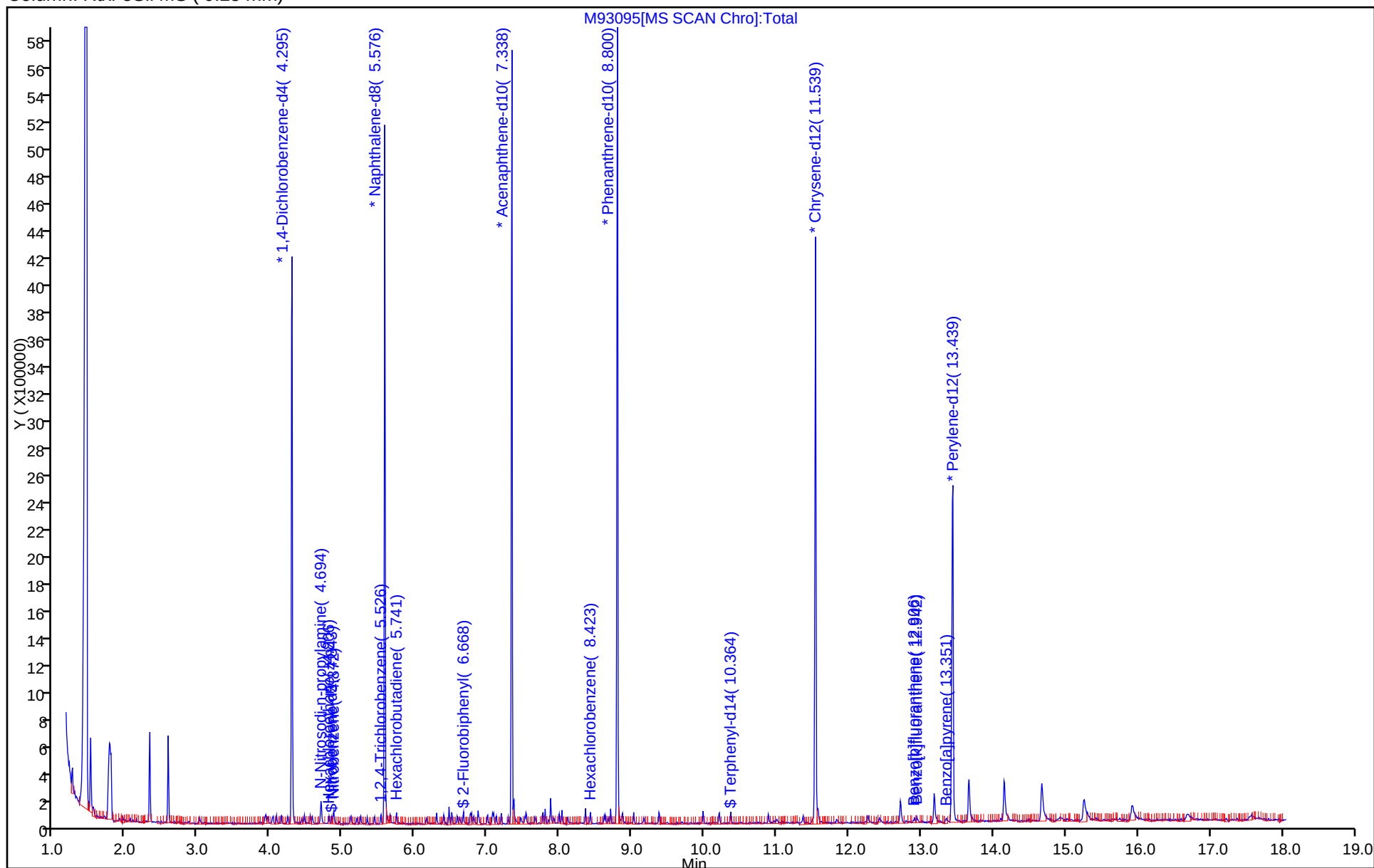
Dil. Factor: 1.0000

ALS Bottle#: 9

Method: 8270LVI_R6

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 300631

SDG No.: _____

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/23/2015 18:21 Calibration End Date: 05/23/2015 20:34 Calibration ID: 50086

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD02 460-300631/16	M93102.D
Level 2	STD1 460-300631/15	M93101.D
Level 3	STD2 460-300631/14	M93100.D
Level 4	STD4 460-300631/13	M93099.D
Level 5	STD10 460-300631/10	M93096.D
Level 6	STD16 460-300631/12	M93098.D
Level 7	STD24 460-300631/11	M93097.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzaldehyde	1.3647	1.5149 1.3872	1.2643	1.5143	1.4481	Ave		1.4156			0.0100	6.8		20.0			
Caprolactam	0.1061	0.0803 0.1063	0.0917	0.0959	0.1118	Ave		0.0987			0.0100	11.8		20.0			
Atrazine	0.2696 0.2526	0.2530 0.2610	0.2366	0.2741	0.2548	Ave		0.2574			0.0100	4.8		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 300631

SDG No.: _____

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/23/2015 18:21 Calibration End Date: 05/23/2015 20:34 Calibration ID: 50086

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD02 460-300631/16	M93102.D
Level 2	STD1 460-300631/15	M93101.D
Level 3	STD2 460-300631/14	M93100.D
Level 4	STD4 460-300631/13	M93099.D
Level 5	STD10 460-300631/10	M93096.D
Level 6	STD16 460-300631/12	M93098.D
Level 7	STD24 460-300631/11	M93097.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Benzaldehyde	DCB	Ave	1424167	103500 2307391	180481	414632	905292	16.0	1.00 24.0	2.00	4.00	10.0
Caprolactam	NPT	Ave	336645	18244 535149	40975	85170	227330	16.0	1.00 24.0	2.00	4.00	10.0
Atrazine	PHN	Ave	17144 1085250	78346 1634385	144117	335350	714575	0.200 16.0	1.00 24.0	2.00	4.00	10.0

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93096.D
 Lims ID: std10
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 23-May-2015 18:21:30 ALS Bottle#: 10 Worklist Smp#: 10
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027763-010
 Operator ID: Instrument ID: CBNAMS6
 Sublist: chrom-8270LVI_R6*sub20
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\8270LVI_R6.m
 Limit Group: SV 8270D ICAL
 Last Update: 24-May-2015 09:22:59 Calib Date: 23-May-2015 20:34:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93102.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK024

First Level Reviewer: bayoumiw

Date: 23-May-2015 19:58:59

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.852	3.852	0.000	74	905292	10.0	10.2	
* 14 1,4-Dichlorobenzene-d4	152	4.292	4.292	0.000	92	500115	8.00	8.00	
* 38 Naphthalene-d8	136	5.581	5.581	0.000	96	1627188	8.00	8.00	
42 Caprolactam	113	5.995	5.995	0.000	73	227330	10.0	11.3	
* 64 Acenaphthene-d10	164	7.339	7.339	0.000	92	1111584	8.00	8.00	
83 Atrazine	200	8.529	8.529	0.000	87	714575	10.0	9.90	
* 87 Phenanthrene-d10	188	8.797	8.797	0.000	97	2243902	8.00	8.00	
* 102 Chrysene-d12	240	11.535	11.535	0.000	97	1872132	8.00	8.00	
* 109 Perylene-d12	264	13.438	13.438	0.000	96	1653790	8.00	8.00	

Reagents:

SM_BNAL5B_00009

Amount Added: 1.00

Units: mL

Report Date: 24-May-2015 09:23:00

Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93096.D

Injection Date: 23-May-2015 18:21:30

Instrument ID: CBNAMS6

Operator ID:

Lims ID: std10

Worklist Smp#: 10

Client ID:

Injection Vol: 5.0 ul

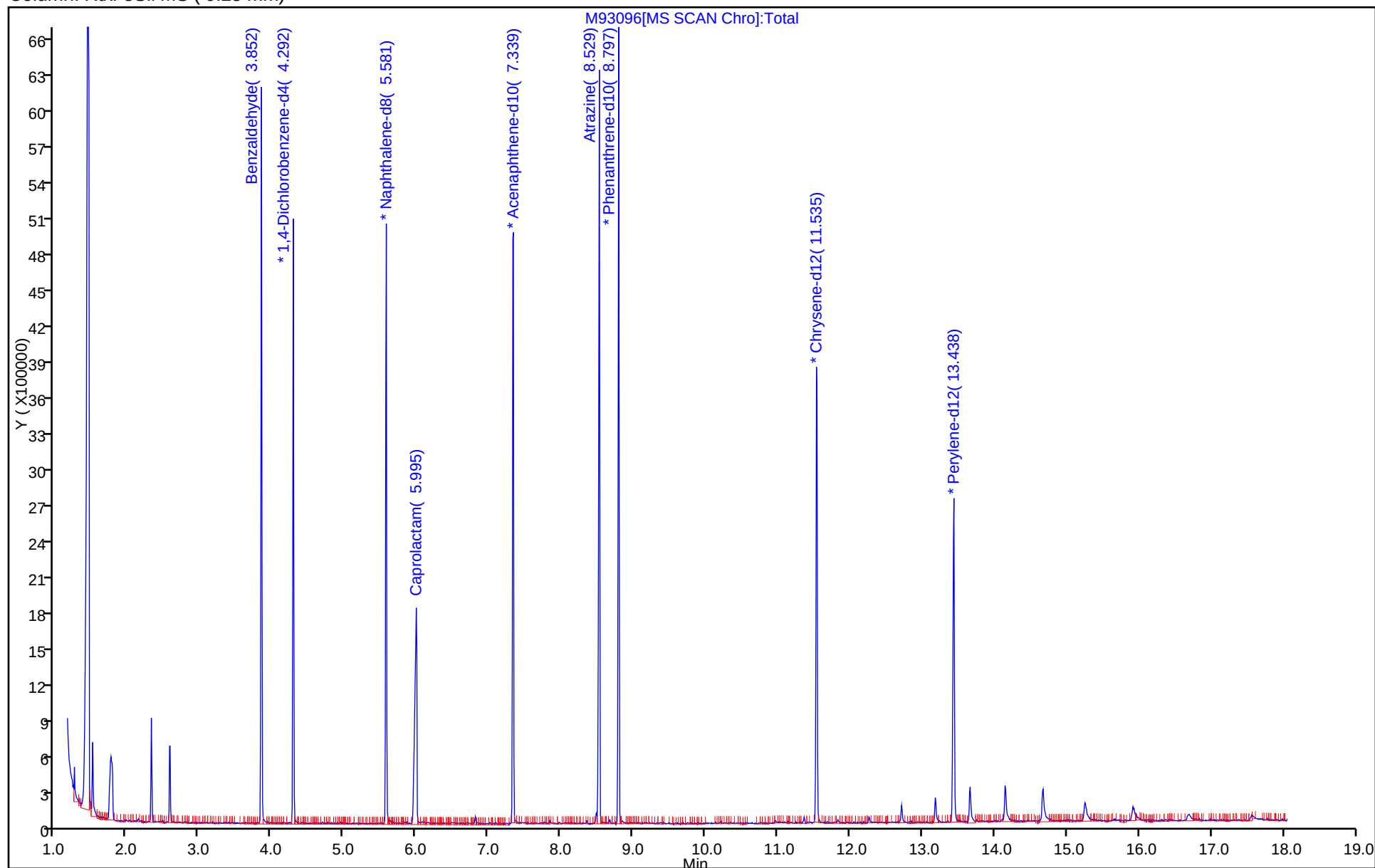
Dil. Factor: 1.0000

ALS Bottle#: 10

Method: 8270LVI_R6

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93097.D
 Lims ID: std24
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 23-May-2015 18:43:30 ALS Bottle#: 11 Worklist Smp#: 11
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027763-011
 Operator ID: Instrument ID: CBNAMS6
 Sublist: chrom-8270LVI_R6*sub20
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\8270LVI_R6.m
 Limit Group: SV 8270D ICAL
 Last Update: 24-May-2015 09:23:02 Calib Date: 23-May-2015 20:34:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93102.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK024

First Level Reviewer: bayoumiw

Date: 23-May-2015 19:59:09

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.861	3.852	0.009	77	2307391	24.0	23.5	
* 14 1,4-Dichlorobenzene-d4	152	4.291	4.292	-0.001	91	554449	8.00	8.00	
* 38 Naphthalene-d8	136	5.579	5.581	-0.002	96	1677743	8.00	8.00	
42 Caprolactam	113	6.025	5.995	0.030	75	535149	24.0	25.9	
* 64 Acenaphthene-d10	164	7.335	7.339	-0.004	90	1256079	8.00	8.00	
83 Atrazine	200	8.546	8.529	0.017	92	1634385	24.0	24.3	
* 87 Phenanthrene-d10	188	8.799	8.797	0.002	97	2086992	8.00	8.00	
* 102 Chrysene-d12	240	11.542	11.535	0.007	97	1702338	8.00	8.00	
* 109 Perylene-d12	264	13.438	13.438	0.000	97	1467632	8.00	8.00	

Reagents:

SM_BNAL7B_00001

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93097.D

Injection Date: 23-May-2015 18:43:30

Instrument ID: CBNAMS6

Operator ID:

Lims ID: std24

Worklist Smp#: 11

Client ID:

Injection Vol: 5.0 ul

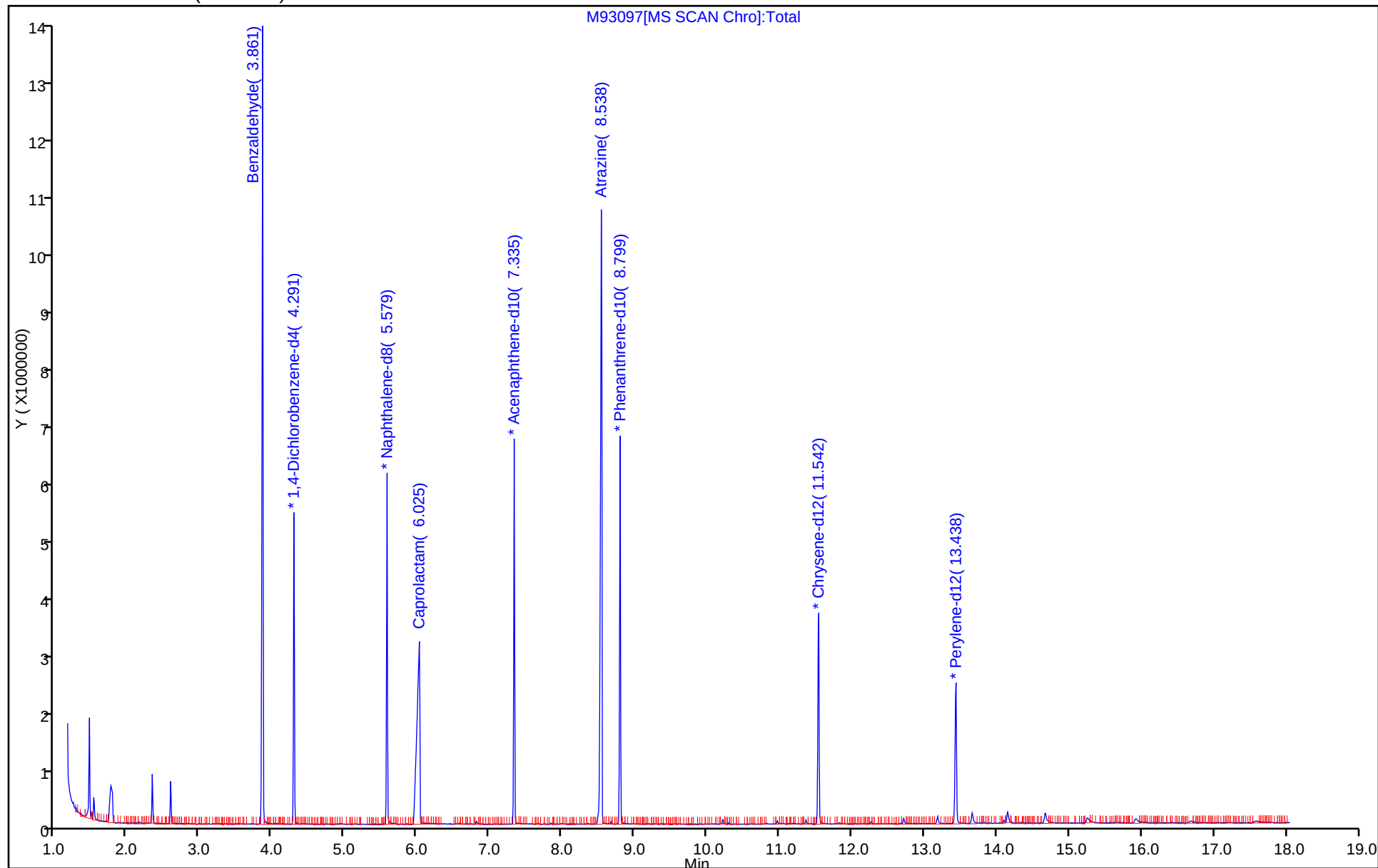
Dil. Factor: 1.0000

ALS Bottle#: 11

Method: 8270LVI_R6

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93098.D
 Lims ID: std16
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 23-May-2015 19:05:30 ALS Bottle#: 12 Worklist Smp#: 12
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027763-012
 Operator ID: Instrument ID: CBNAMS6
 Sublist: chrom-8270LVI_R6*sub20
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\8270LVI_R6.m
 Limit Group: SV 8270D ICAL
 Last Update: 24-May-2015 09:23:05 Calib Date: 23-May-2015 20:34:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93102.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK024

First Level Reviewer: bayoumiw

Date: 23-May-2015 19:59:17

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.852	3.852	0.000	75	1424167	16.0	15.4	
* 14 1,4-Dichlorobenzene-d4	152	4.291	4.292	-0.001	92	521786	8.00	8.00	
* 38 Naphthalene-d8	136	5.576	5.581	-0.005	96	1586161	8.00	8.00	
42 Caprolactam	113	6.009	5.995	0.014	73	336645	16.0	17.2	
* 64 Acenaphthene-d10	164	7.335	7.339	-0.004	90	1259833	8.00	8.00	
83 Atrazine	200	8.537	8.529	0.008	90	1085250	16.0	15.7	
* 87 Phenanthrene-d10	188	8.798	8.797	0.001	96	2148374	8.00	8.00	
* 102 Chrysene-d12	240	11.537	11.535	0.002	97	1905204	8.00	8.00	
* 109 Perylene-d12	264	13.436	13.438	-0.002	96	1654083	8.00	8.00	

Reagents:

SM_BNAL6B_00008

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93098.D

Injection Date: 23-May-2015 19:05:30

Instrument ID: CBNAMS6

Operator ID:

Lims ID: std16

Worklist Smp#: 12

Client ID:

Injection Vol: 5.0 ul

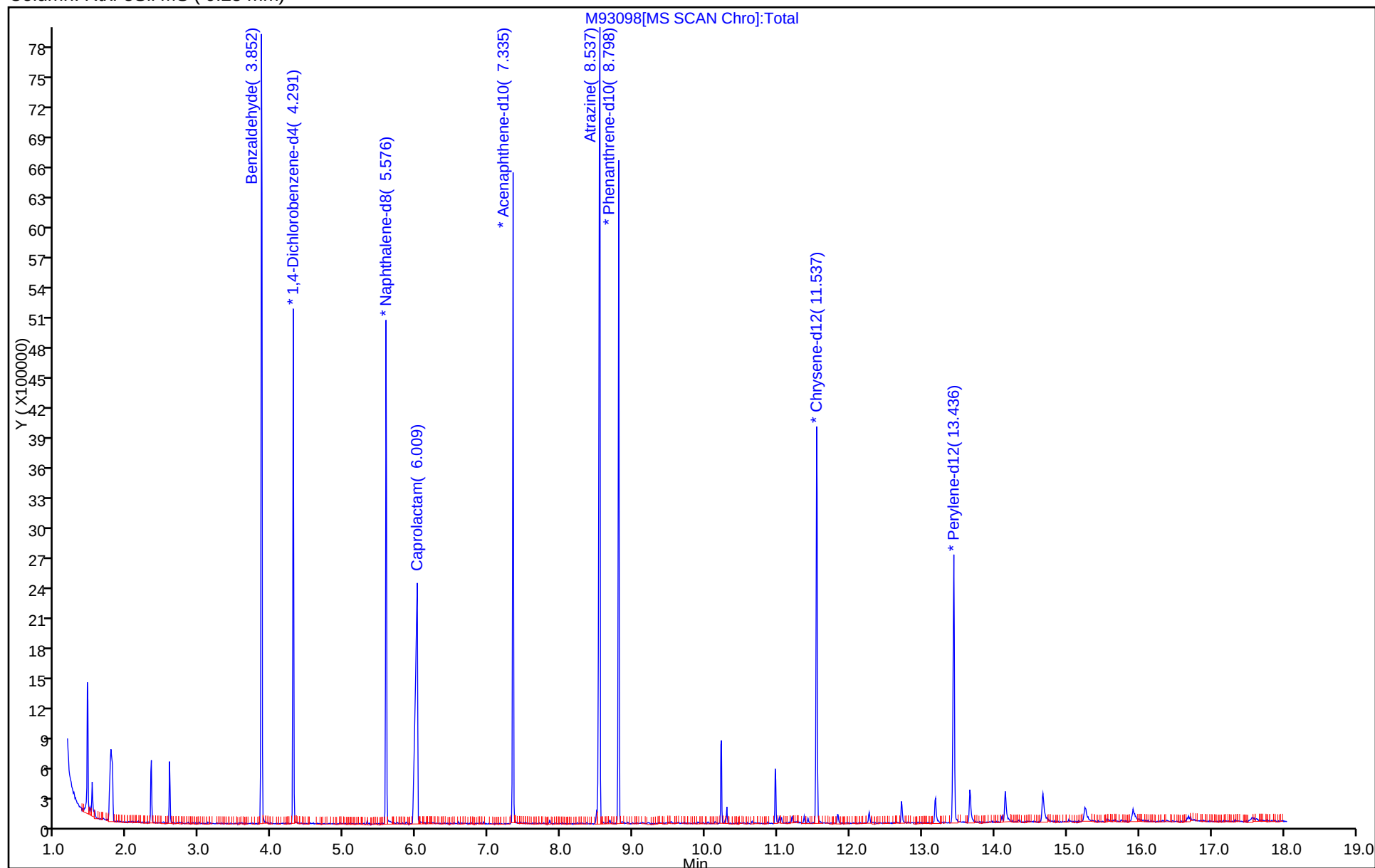
Dil. Factor: 1.0000

ALS Bottle#: 12

Method: 8270LVI_R6

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93099.D
 Lims ID: std4
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 23-May-2015 19:27:30 ALS Bottle#: 13 Worklist Smp#: 13
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027763-013
 Operator ID: Instrument ID: CBNAMS6
 Sublist: chrom-8270LVI_R6*sub20
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\8270LVI_R6.m
 Limit Group: SV 8270D ICAL
 Last Update: 24-May-2015 09:23:09 Calib Date: 23-May-2015 20:34:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93102.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK024

First Level Reviewer: bayoumiw

Date: 23-May-2015 19:59:36

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.849	3.852	-0.003	75	414632	4.00	4.28	
* 14 1,4-Dichlorobenzene-d4	152	4.296	4.292	0.004	91	547632	8.00	8.00	
* 38 Naphthalene-d8	136	5.580	5.581	-0.001	97	1776579	8.00	8.00	
42 Caprolactam	113	5.981	5.995	-0.014	74	85170	4.00	3.89	
* 64 Acenaphthene-d10	164	7.334	7.339	-0.005	90	1311600	8.00	8.00	
83 Atrazine	200	8.522	8.529	-0.007	88	335350	4.00	4.26	
* 87 Phenanthrene-d10	188	8.794	8.797	-0.003	97	2446988	8.00	8.00	
* 102 Chrysene-d12	240	11.539	11.535	0.004	97	2007833	8.00	8.00	
* 109 Perylene-d12	264	13.435	13.438	-0.003	96	1804858	8.00	8.00	

Reagents:

SM_BNAL4B_00017

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93099.D

Injection Date: 23-May-2015 19:27:30

Instrument ID: CBNAMS6

Operator ID:

Lims ID: std4

Worklist Smp#: 13

Client ID:

Injection Vol: 5.0 ul

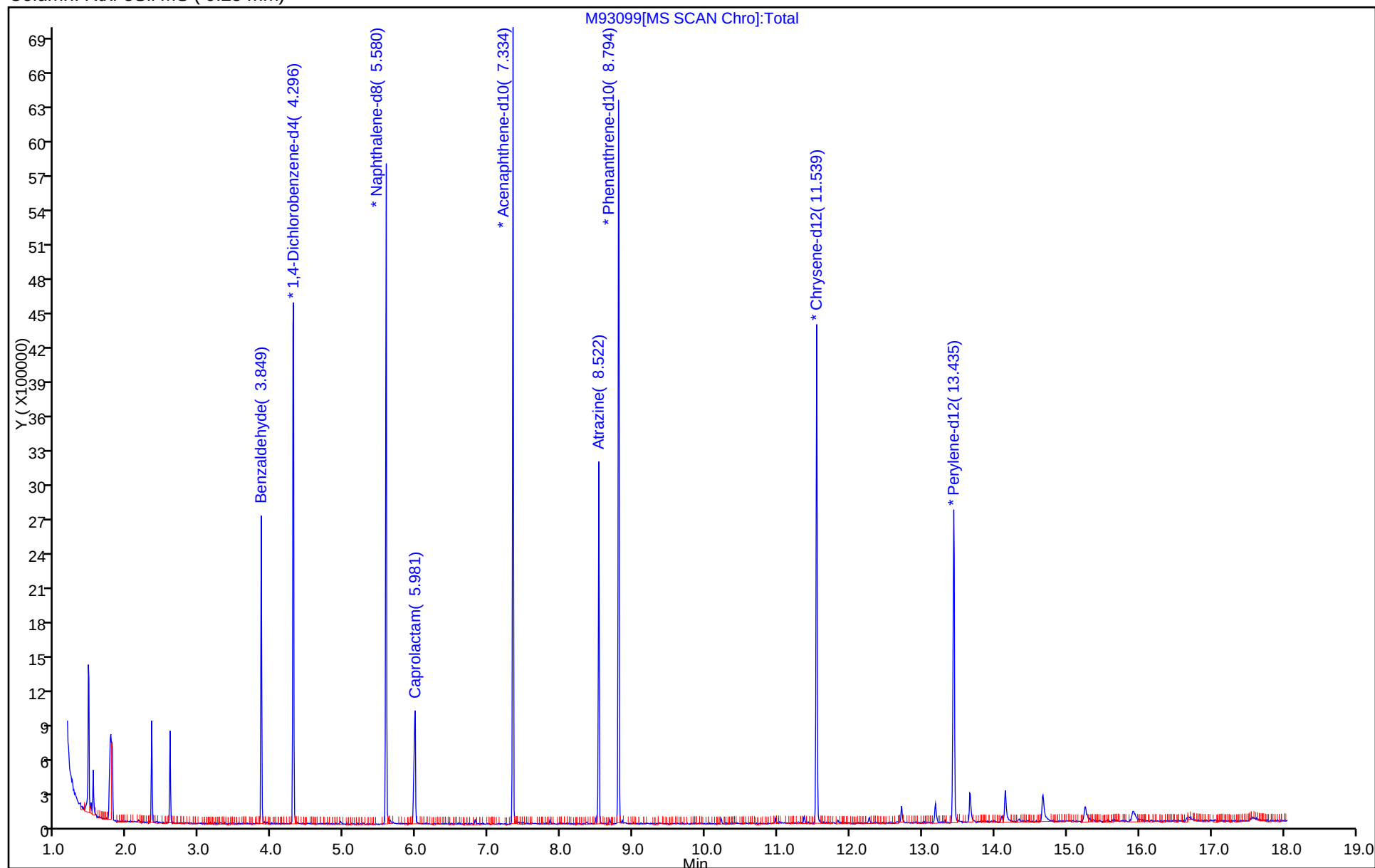
Dil. Factor: 1.0000

ALS Bottle#: 13

Method: 8270LVI_R6

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93100.D
 Lims ID: std2
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 23-May-2015 19:49:30 ALS Bottle#: 14 Worklist Smp#: 14
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027763-014
 Operator ID: Instrument ID: CBNAMS6
 Sublist: chrom-8270LVI_R6*sub20
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\8270LVI_R6.m
 Limit Group: SV 8270D ICAL
 Last Update: 24-May-2015 09:23:12 Calib Date: 23-May-2015 20:34:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93102.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK024

First Level Reviewer: bayoumiw

Date: 23-May-2015 20:32:35

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.850	3.852	-0.002	76	180481	2.00	1.79	
* 14 1,4-Dichlorobenzene-d4	152	4.290	4.292	-0.002	91	570999	8.00	8.00	
* 38 Naphthalene-d8	136	5.576	5.581	-0.005	96	1787161	8.00	8.00	
42 Caprolactam	113	5.971	5.995	-0.024	73	40975	2.00	1.86	
* 64 Acenaphthene-d10	164	7.338	7.339	-0.001	90	1374072	8.00	8.00	
83 Atrazine	200	8.519	8.529	-0.010	89	144117	2.00	1.84	
* 87 Phenanthrene-d10	188	8.801	8.797	0.004	97	2436300	8.00	8.00	
* 102 Chrysene-d12	240	11.540	11.535	0.005	97	1945688	8.00	8.00	
* 109 Perylene-d12	264	13.437	13.438	-0.001	97	1726673	8.00	8.00	

Reagents:

SM_BNAL3B_00008

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93100.D

Injection Date: 23-May-2015 19:49:30

Instrument ID: CBNAMS6

Operator ID:

Lims ID: std2

Worklist Smp#: 14

Client ID:

Injection Vol: 5.0 ul

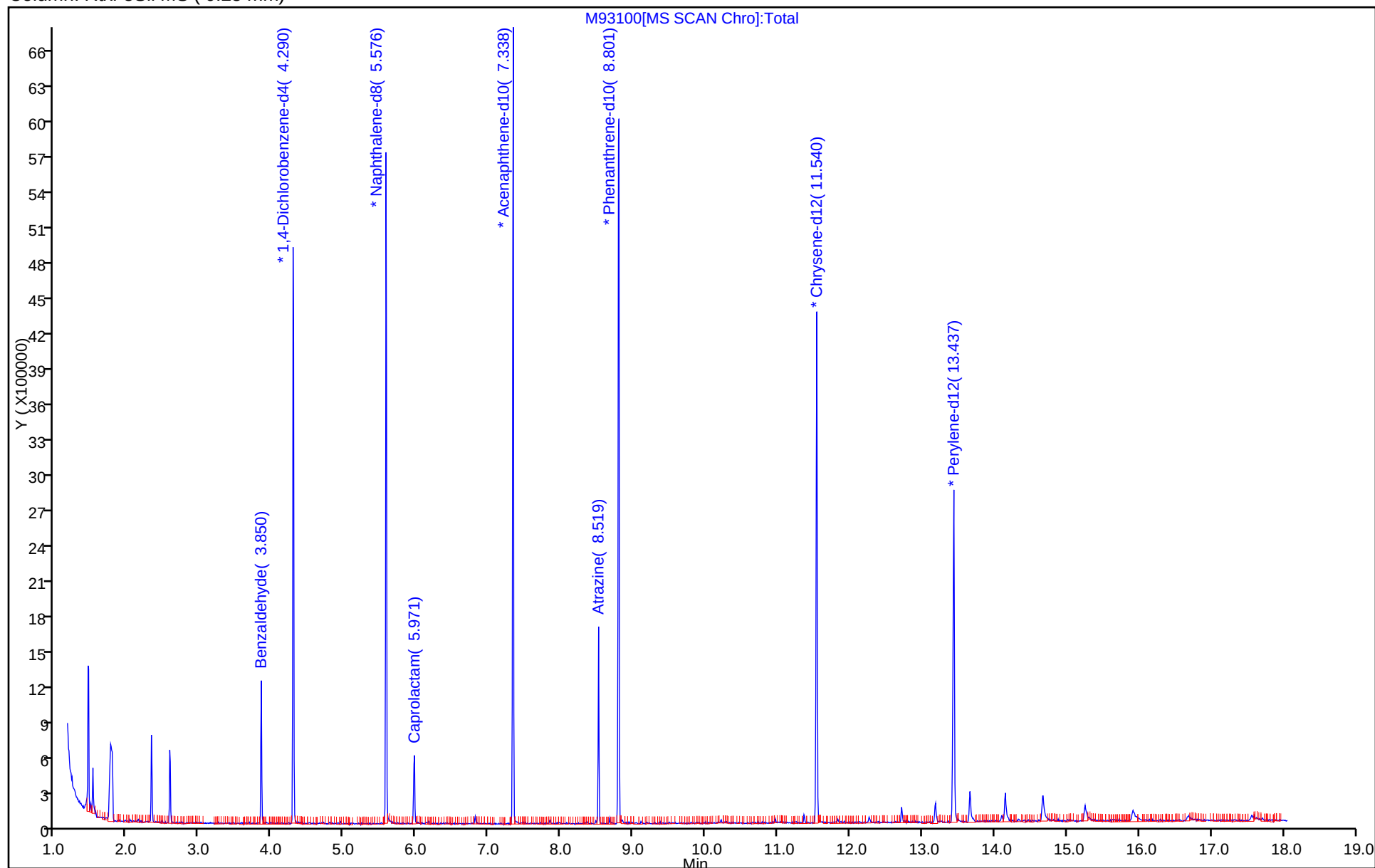
Dil. Factor: 1.0000

ALS Bottle#: 14

Method: 8270LVI_R6

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93101.D
 Lims ID: std1
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 23-May-2015 20:11:30 ALS Bottle#: 15 Worklist Smp#: 15
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027763-015
 Operator ID: Instrument ID: CBNAMS6
 Sublist: chrom-8270LVI_R6*sub20
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\8270LVI_R6.m
 Limit Group: SV 8270D ICAL
 Last Update: 24-May-2015 09:23:16 Calib Date: 23-May-2015 20:34:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93102.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK024

First Level Reviewer: bayoumiw

Date: 23-May-2015 20:32:51

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.850	3.852	-0.002	75	103500	1.00	1.07	
* 14 1,4-Dichlorobenzene-d4	152	4.295	4.292	0.003	91	546566	8.00	8.00	
* 38 Naphthalene-d8	136	5.580	5.581	-0.001	96	1818295	8.00	8.00	
42 Caprolactam	113	5.959	5.995	-0.036	79	18244	1.00	0.8134	
* 64 Acenaphthene-d10	164	7.339	7.339	0.000	89	1409107	8.00	8.00	
83 Atrazine	200	8.515	8.529	-0.014	87	78346	1.00	0.9831	
* 87 Phenanthrene-d10	188	8.798	8.797	0.001	97	2477046	8.00	8.00	
* 102 Chrysene-d12	240	11.536	11.535	0.001	97	1804881	8.00	8.00	
* 109 Perylene-d12	264	13.439	13.438	0.001	96	1492248	8.00	8.00	

Reagents:

SM_BNAL2B_00009

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93101.D

Injection Date: 23-May-2015 20:11:30

Instrument ID: CBNAMS6

Operator ID:

Lims ID: std1

Worklist Smp#: 15

Client ID:

Injection Vol: 5.0 ul

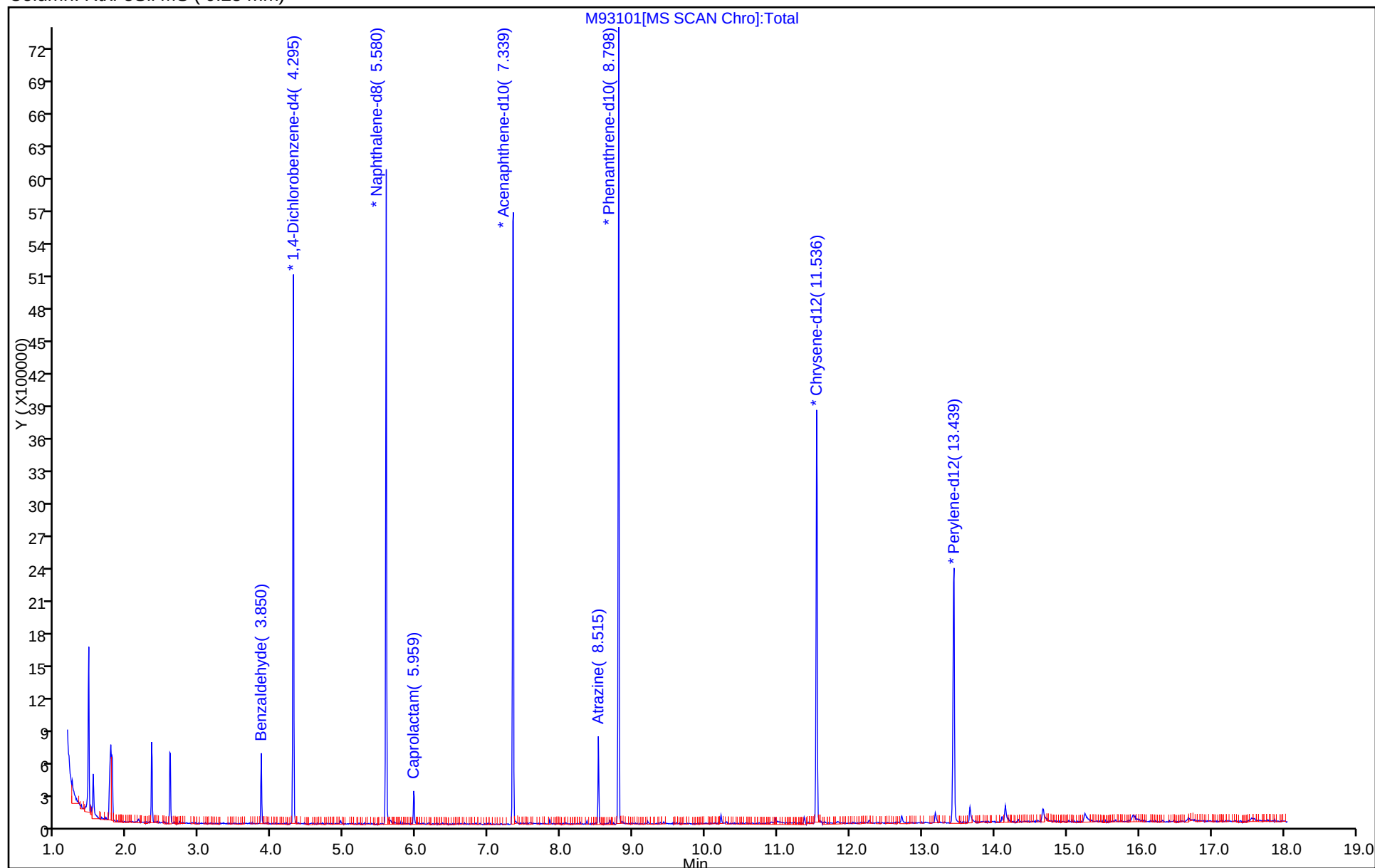
Dil. Factor: 1.0000

ALS Bottle#: 15

Method: 8270LVI_R6

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93102.D
 Lims ID: std02
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 23-May-2015 20:34:30 ALS Bottle#: 16 Worklist Smp#: 16
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027763-016
 Operator ID: Instrument ID: CBNAMS6
 Sublist: chrom-8270LVI_R6*sub20
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\8270LVI_R6.m
 Limit Group: SV 8270D ICAL
 Last Update: 24-May-2015 09:31:27 Calib Date: 23-May-2015 20:34:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93102.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK024

First Level Reviewer: bayoumiw

Date: 23-May-2015 21:09:23

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.291	4.292	-0.001	91	583026	8.00	8.00	
* 38 Naphthalene-d8	136	5.578	5.581	-0.003	96	1765044	8.00	8.00	
* 64 Acenaphthene-d10	164	7.336	7.339	-0.003	90	1317857	8.00	8.00	
83 Atrazine	200	8.520	8.529	-0.009	89	17144	0.2000	0.2095	
* 87 Phenanthrene-d10	188	8.795	8.797	-0.002	97	2543940	8.00	8.00	
* 102 Chrysene-d12	240	11.539	11.535	0.004	97	1846641	8.00	8.00	
* 109 Perylene-d12	264	13.437	13.438	-0.001	96	1534698	8.00	8.00	

Reagents:

SM_BNAL1B_00009

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93102.D

Injection Date: 23-May-2015 20:34:30

Instrument ID: CBNAMS6

Operator ID:

Lims ID: std02

Worklist Smp#: 16

Client ID:

Injection Vol: 5.0 ul

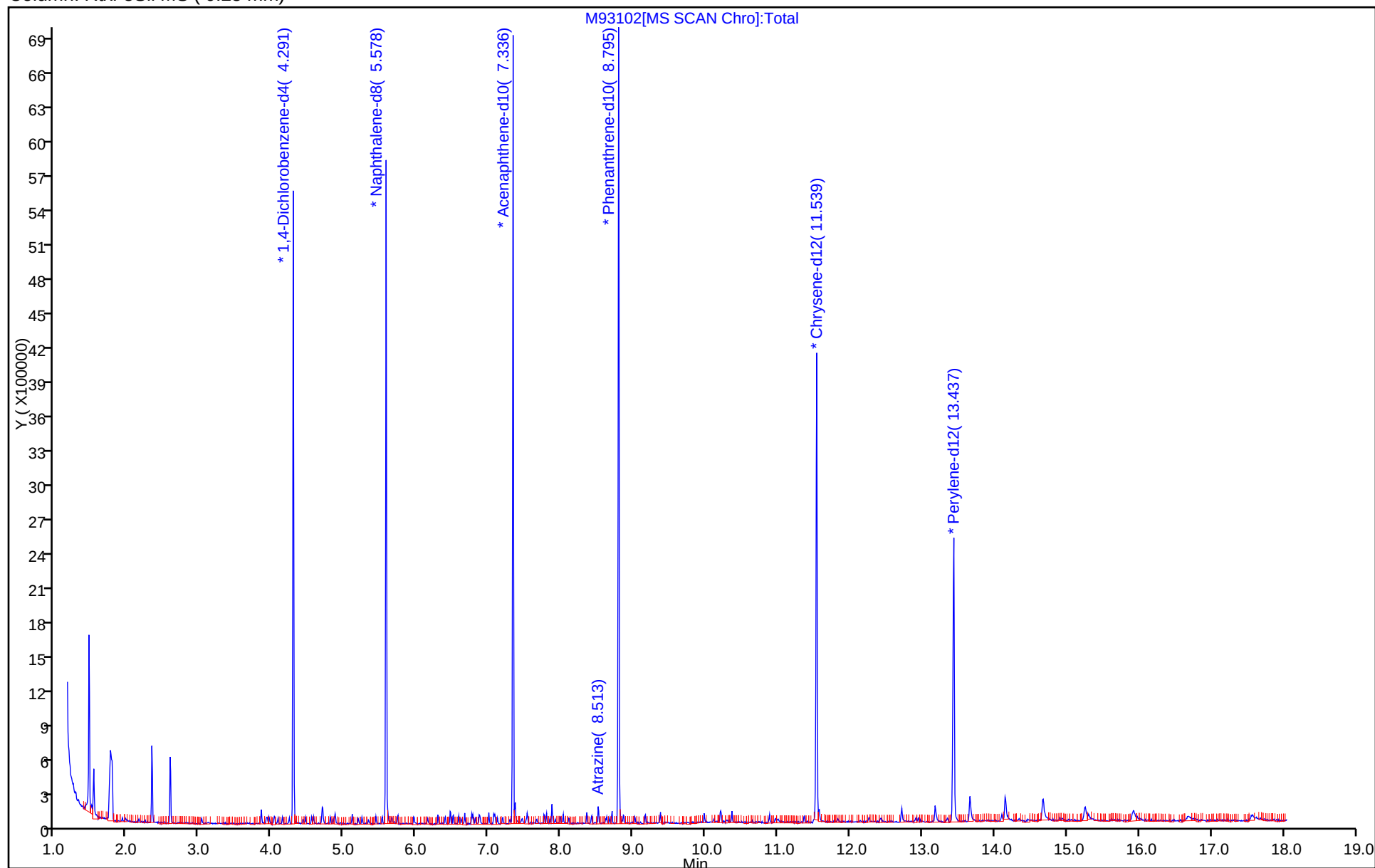
Dil. Factor: 1.0000

ALS Bottle#: 16

Method: 8270LVI_R6

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Lab Sample ID: CCVIS 460-299127/2 Calibration Date: 05/18/2015 05:47

Instrument ID: CBNAMS13 Calib Start Date: 05/07/2015 12:17

GC Column: Rtxi-5Sil MS ID: 0.25 (mm) Calib End Date: 05/07/2015 15:43

Lab File ID: C16209.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6045	0.5760	0.0100	9530	10000	-4.7	20.0
N-Nitrosodimethylamine	Ave	0.9215	0.8204		8900	10000	-11.0	20.0
Pyridine	Ave	1.542	1.415		9180	10000	-8.2	20.0
Phenol	Ave	1.776	1.656	0.8000	9320	10000	-6.8	20.0
Aniline	Ave	2.303	2.024		8790	10000	-12.1	20.0
Bis(2-chloroethyl)ether	Ave	1.717	1.504	0.7000	8760	10000	-12.4	20.0
n-Decane	Ave	2.111	1.884	0.0100	8920	10000	-10.8	20.0
2-Chlorophenol	Ave	1.480	1.398	0.8000	9450	10000	-5.5	20.0
1,3-Dichlorobenzene	Ave	1.642	1.572		9580	10000	-4.2	20.0
1,4-Dichlorobenzene	Ave	1.660	1.585		9540	10000	-4.6	20.0
Benzyl alcohol	Ave	0.8326	0.8386	0.0100	10100	10000	0.7	20.0
1,2-Dichlorobenzene	Ave	1.537	1.474		9590	10000	-4.1	20.0
2-Methylphenol	Ave	1.322	1.216	0.7000	9200	10000	-8.0	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.742	2.354	0.0100	8590	10000	-14.1	20.0
3 & 4 Methylphenol	Ave	1.358	1.219		8970	10000	-10.3	20.0
4-Methylphenol	Ave	1.355	1.217	0.6000	8980	10000	-10.2	20.0
N-Nitrosodi-n-propylamine	Ave	0.9660	0.8417	0.5000	8710	10000	-12.9	20.0
Acetophenone	Ave	1.853	1.626	0.0100	8780	10000	-12.2	20.0
Hexachloroethane	Ave	0.6609	0.6537	0.3000	9890	10000	-1.1	20.0
n,n'-Dimethylaniline	Ave	2.186	2.089	0.0100	9550	10000	-4.5	20.0
Nitrobenzene	Ave	0.5254	0.5267	0.2000	10000	10000	0.3	20.0
Isophorone	Ave	0.6359	0.5690	0.4000	8950	10000	-10.5	20.0
2,4-Dimethylphenol	Ave	0.3573	0.3393	0.2000	9500	10000	-5.0	20.0
2-Nitrophenol	Ave	0.1895	0.1971	0.1000	10400	10000	4.0	20.0
Benzoic acid	Ave	0.1689	0.1585		9390	10000	-6.1	20.0
Bis(2-chloroethoxy)methane	Ave	0.4370	0.4103	0.3000	9390	10000	-6.1	20.0
2,4-Dichlorophenol	Ave	0.2765	0.2868	0.2000	10400	10000	3.7	20.0
1,2,4-Trichlorobenzene	Ave	0.3072	0.3053		9940	10000	-0.6	20.0
Naphthalene	Ave	1.111	1.069	0.7000	9620	10000	-3.8	20.0
4-Chloroaniline	Ave	0.5937	0.5466	0.0100	9210	10000	-7.9	20.0
Hexachlorobutadiene	Ave	0.1591	0.1657	0.0100	10400	10000	4.1	20.0
4-Chloro-3-methylphenol	Ave	0.2639	0.2495		9450	10000	-5.5	20.0
2-Methylnaphthalene	Ave	0.6799	0.6246	0.4000	9190	10000	-8.1	20.0
1-Methylnaphthalene	Ave	0.6323	0.5733	0.0100	9070	10000	-9.3	20.0
2-tertbutyl-4-methylphenol	Ave	0.4372	0.4242	0.0100	9700	10000	-3.0	20.0
Hexachlorocyclopentadiene	Ave	0.3710	0.4671	0.0500	12600	10000	25.9*	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5885	0.6875	0.0100	11700	10000	16.8	20.0
2,4,6-Trichlorophenol	Ave	0.3728	0.4413	0.2000	11800	10000	18.4	20.0
2,4,5-Trichlorophenol	Ave	0.4032	0.4485	0.2000	11100	10000	11.2	20.0
1,1'-Biphenyl	Ave	1.683	1.892	0.0100	11200	10000	12.4	20.0
2-Chloronaphthalene	Ave	1.310	1.450	0.8000	11100	10000	10.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Lab Sample ID: CCVIS 460-299127/2 Calibration Date: 05/18/2015 05:47

Instrument ID: CBNAMS13 Calib Start Date: 05/07/2015 12:17

GC Column: Rtxi-5Sil MS ID: 0.25 (mm) Calib End Date: 05/07/2015 15:43

Lab File ID: C16209.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenyl ether	Ave	0.8467	0.9890	0.0100	11700	10000	16.8	20.0
2-Nitroaniline	Ave	0.4409	0.4569	0.0100	10400	10000	3.6	20.0
1,3-Dimethylnaphthalene	Ave	1.047	1.185	0.0100	11300	10000	13.2	20.0
Dimethyl phthalate	Ave	1.208	1.115	0.0100	9230	10000	-7.7	20.0
2,6-Dinitrotoluene	Ave	0.2803	0.2880	0.2000	10300	10000	2.8	20.0
Coumarin	Ave	0.2003	0.1407	0.0100	7030	10000	-29.7*	20.0
Acenaphthylene	Ave	1.915	2.024	0.9000	10600	10000	5.7	20.0
3-Nitroaniline	Ave	0.3384	0.3018	0.0100	8920	10000	-10.8	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.057	1.243	0.0100	11800	10000	17.6	20.0
2,4-Dinitrophenol	Ave	0.1539	0.1414	0.0100	18400	20000	-8.2	20.0
Acenaphthene	Ave	1.274	1.386	0.9000	10900	10000	8.8	20.0
4-Nitrophenol	Ave	0.2316	0.1653	0.0100	14300	20000	-28.6*	20.0
2,4-Dinitrotoluene	Lin2		0.3190	0.2000	9200	10000	-8.0	20.0
Dibenzofuran	Ave	1.664	1.702	0.8000	10200	10000	2.2	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2695	0.2739	0.0100	10200	10000	1.6	20.0
Diethyl phthalate	Ave	1.172	1.005	0.0100	8580	10000	-14.2	20.0
4-Chlorophenyl phenyl ether	Ave	0.5708	0.5797	0.4000	10200	10000	1.6	20.0
4-Nitroaniline	Ave	0.2970	0.2105	0.0100	7090	10000	-29.1*	20.0
Fluorene	Ave	1.284	1.246	0.9000	9700	10000	-3.0	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1332	0.1344	0.0100	20200	20000	0.9	20.0
N-Nitrosodiphenylamine	Ave	0.7053	0.7730	0.0100	11000	10000	9.6	20.0
1,2-Diphenylhydrazine	Ave	1.132	1.204	0.0100	10600	10000	6.3	20.0
4-Bromophenyl phenyl ether	Ave	0.2455	0.2613	0.1000	10600	10000	6.5	20.0
Hexachlorobenzene	Ave	0.2507	0.2727	0.1000	10900	10000	8.8	20.0
n-Octadecane	Ave	0.8843	0.9802	0.0100	11100	10000	10.8	20.0
Pentachlorophenol	Ave	0.1477	0.1456	0.0500	19700	20000	-1.4	20.0
Pentachloronitrobenzene	Ave	0.0912	0.0935	0.0100	10300	10000	2.5	20.0
Phenanthrene	Ave	1.226	1.179	0.7000	9610	10000	-3.9	20.0
Anthracene	Ave	1.254	1.192	0.7000	9510	10000	-4.9	20.0
Carbazole	Ave	1.029	0.8432	0.0100	8190	10000	-18.1	20.0
Di-n-butyl phthalate	Ave	1.214	0.9249	0.0100	7620	10000	-23.8*	20.0
Fluoranthene	Ave	0.8842	0.7213	0.6000	8160	10000	-18.4	20.0
Benzidine	Ave	0.4013	0.2495		6220	10000	-37.8*	20.0
Bisphenol-A	Qua	0.3261	0.5383		12000	10000	20.1*	20.0
Pyrene	Qua		2.459	0.6000	11700	10000	16.5	20.0
Butyl benzyl phthalate	Ave	0.7751	0.6587	0.0100	8500	10000	-15.0	20.0
Carbamazepine	Qua		0.4741	0.0100	10400	10000	4.3	20.0
2,3,7,8-TCDD	Ave	0.1844	0.1596	0.0100	86.6	100	-13.4	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8560	0.7660	0.0100	8950	10000	-10.5	20.0
3,3'-Dichlorobenzidine	Lin2		0.4005	0.0100	9400	10000	-6.0	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Lab Sample ID: CCVIS 460-299127/2 Calibration Date: 05/18/2015 05:47

Instrument ID: CBNAMS13 Calib Start Date: 05/07/2015 12:17

GC Column: Rtxi-5Sil MS ID: 0.25 (mm) Calib End Date: 05/07/2015 15:43

Lab File ID: C16209.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[a]anthracene	Ave	1.228	1.205	0.8000	9810	10000	-1.9	20.0
Chrysene	Ave	1.160	1.133	0.7000	9770	10000	-2.3	20.0
Di-n-octyl phthalate	Ave	1.545	1.450	0.0100	9380	10000	-6.2	20.0
Benzo[b]fluoranthene	Ave	1.115	1.138	0.7000	10200	10000	2.0	20.0
Benzo[k]fluoranthene	Ave	1.227	1.181	0.7000	9630	10000	-3.7	20.0
Benzo[a]pyrene	Ave	1.100	1.134	0.7000	10300	10000	3.1	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.354	1.756	0.5000	13000	10000	29.6*	20.0
Dibenz(a,h)anthracene	Ave	1.127	1.445	0.4000	12800	10000	28.2*	20.0
Benzo[g,h,i]perylene	Ave	1.169	1.575	0.5000	13500	10000	34.8*	20.0
2-Fluorophenol	Ave	1.388	1.413	0.0100	10200	10000	1.8	20.0
Phenol-d5	Ave	1.648	1.660	0.0100	10100	10000	0.7	20.0
Nitrobenzene-d5	Ave	0.4086	0.4375	0.0100	10700	10000	7.1	20.0
2-Fluorobiphenyl	Ave	1.459	1.719	0.0100	11800	10000	17.8	20.0
2,4,6-Tribromophenol	Ave	0.1516	0.1598	0.0100	10500	10000	5.4	20.0
Terphenyl-d14	QuaF		1.551	0.0100	11300	10000	13.3	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150518-27485.b\C16209.D
 Lims ID: ccvis
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 18-May-2015 05:47:30 ALS Bottle#: 2 Worklist Smp#: 2
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027485-002
 Operator ID: Instrument ID: CBNAMS13
 Sublist: chrom-8270LVI_R13*sub15
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150518-27485.b\8270LVI_R13.m
 Limit Group: SV 8270D ICAL
 Last Update: 18-May-2015 15:15:32 Calib Date: 07-May-2015 19:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK029

First Level Reviewer: szczecha

Date: 18-May-2015 15:15:32

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	2.840	2.840	0.000	99	642233	10.0	9.53	
2 N-Nitrosodimethylamine	74	3.069	3.069	0.000	83	914653	10.0	8.90	
3 Pyridine	79	3.140	3.140	0.000	85	1577506	10.0	9.18	
\$ 4 2-Fluorophenol	112	4.257	4.257	0.000	95	1574987	10.0	10.2	
\$ 6 Phenol-d5	99	5.099	5.099	0.000	95	1850575	10.0	10.1	
7 Phenol	94	5.110	5.110	0.000	99	1845908	10.0	9.32	
8 Aniline	93	5.187	5.187	0.000	100	2256494	10.0	8.79	
9 Bis(2-chloroethyl)ether	93	5.210	5.210	0.000	93	1676552	10.0	8.76	
125 Benzonitrile	103	5.263	5.263	0.000	98	2795319	NC	NC	
11 n-Decane	43	5.316	5.316	0.000	94	2100861	10.0	8.92	
10 2-Chlorophenol	128	5.322	5.322	0.000	95	1558882	10.0	9.45	
12 1,3-Dichlorobenzene	146	5.481	5.481	0.000	95	1753146	10.0	9.58	
* 13 1,4-Dichlorobenzene-d4	152	5.528	5.528	0.000	96	891932	8.00	8.00	
14 1,4-Dichlorobenzene	146	5.546	5.546	0.000	94	1766931	10.0	9.54	
15 Benzyl alcohol	108	5.628	5.628	0.000	94	934936	10.0	10.1	
16 1,2-Dichlorobenzene	146	5.704	5.704	0.000	97	1643845	10.0	9.59	
17 2-Methylphenol	108	5.716	5.716	0.000	90	1356053	10.0	9.20	
18 2,2'-oxybis[1-chloropropan	45	5.751	5.751	0.000	94	2624467	10.0	8.59	
22 3 & 4 Methylphenol	108	5.863	5.863	0.000	66	1358705	10.0	8.97	
21 4-Methylphenol	108	5.863	5.863	0.000	94	1356879	10.0	8.98	
20 N-Nitrosodi-n-propylamine	70	5.887	5.887	0.000	92	938467	10.0	8.71	
126 N-Methylaniline	106	5.893	5.893	0.000	79	2156291	NC	NC	
19 Acetophenone	105	5.904	5.904	0.000	97	1813325	10.0	8.78	
24 Hexachloroethane	117	6.057	6.057	0.000	92	728832	10.0	9.89	
\$ 25 Nitrobenzene-d5	82	6.069	6.069	0.000	89	1677787	10.0	10.7	
27 n,n'-Dimethylaniline	120	6.087	6.087	0.000	93	2329100	10.0	9.55	
26 Nitrobenzene	77	6.087	6.087	0.000	91	2019724	10.0	10.0	
28 Isophorone	82	6.316	6.316	0.000	99	2181765	10.0	8.95	
30 2,4-Dimethylphenol	122	6.404	6.404	0.000	88	1301102	10.0	9.50	
29 2-Nitrophenol	139	6.410	6.410	0.000	87	755940	10.0	10.4	
32 Benzoic acid	122	6.475	6.475	0.000	88	607877	10.0	9.39	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
31 Bis(2-chloroethoxy)methane	93	6.493	6.493	0.000	99	1573209	10.0	9.39	
33 2,4-Dichlorophenol	162	6.651	6.651	0.000	96	1099622	10.0	10.4	
34 1,2,4-Trichlorobenzene	180	6.746	6.746	0.000	95	1170558	10.0	9.94	
* 35 Naphthalene-d8	136	6.816	6.816	0.000	100	3067706	8.00	8.00	
36 Naphthalene	128	6.840	6.840	0.000	98	4099590	10.0	9.62	
37 4-Chloroaniline	127	6.857	6.857	0.000	96	2096118	10.0	9.21	
38 Hexachlorobutadiene	225	6.946	6.946	0.000	93	635204	10.0	10.4	
40 4-Chloro-3-methylphenol	107	7.310	7.310	0.000	98	956530	10.0	9.45	
41 2-Methylnaphthalene	142	7.534	7.534	0.000	85	2395259	10.0	9.19	
42 1-Methylnaphthalene	142	7.640	7.640	0.000	92	2198267	10.0	9.07	
45 2-tertbutyl-4-methylphenol	149	7.663	7.663	0.000	91	1626712	10.0	9.70	
43 Hexachlorocyclopentadiene	237	7.698	7.698	0.000	96	651576	10.0	12.6	
44 1,2,4,5-Tetrachlorobenzene	216	7.704	7.704	0.000	96	959006	10.0	11.7	
46 2,4,6-Trichlorophenol	196	7.804	7.804	0.000	88	615579	10.0	11.8	
47 2,4,5-Trichlorophenol	196	7.845	7.845	0.000	95	625579	10.0	11.1	
\$ 48 2-Fluorobiphenyl	172	7.881	7.881	0.000	97	2398625	10.0	11.8	
49 1,1'-Biphenyl	154	7.993	7.993	0.000	96	2639224	10.0	11.2	
50 2-Chloronaphthalene	162	8.034	8.034	0.000	96	2022216	10.0	11.1	
53 Phenyl ether	170	8.087	8.087	0.000	87	1379579	10.0	11.7	
54 2-Nitroaniline	65	8.104	8.104	0.000	98	637416	10.0	10.4	
55 1,3-Dimethylnaphthalene	156	8.245	8.245	0.000	97	1653304	10.0	11.3	
56 Dimethyl phthalate	163	8.251	8.251	0.000	98	1555915	10.0	9.23	
58 2,6-Dinitrotoluene	165	8.328	8.328	0.000	91	401774	10.0	10.3	
57 Coumarin	146	8.334	8.334	0.000	74	539646	10.0	7.03	
59 Acenaphthylene	152	8.463	8.463	0.000	97	2823314	10.0	10.6	
60 3-Nitroaniline	138	8.516	8.516	0.000	97	421019	10.0	8.92	
63 3,5-di-tert-butyl-4-hydrox	205	8.551	8.551	0.000	99	1734088	10.0	11.8	
* 61 Acenaphthene-d10	164	8.604	8.604	0.000	98	1115968	8.00	8.00	
64 2,4-Dinitrophenol	184	8.616	8.616	0.000	93	394382	20.0	18.4	
62 Acenaphthene	154	8.640	8.640	0.000	95	1933677	10.0	10.9	
65 4-Nitrophenol	65	8.645	8.645	0.000	94	461293	20.0	14.3	
67 2,4-Dinitrotoluene	165	8.745	8.745	0.000	96	445006	10.0	9.20	
66 Dibenzofuran	168	8.804	8.804	0.000	95	2373639	10.0	10.2	
68 2,3,4,6-Tetrachlorophenol	232	8.916	8.916	0.000	91	382125	10.0	10.2	
69 Diethyl phthalate	149	8.957	8.957	0.000	98	1402357	10.0	8.58	
71 4-Chlorophenyl phenyl ethe	204	9.116	9.116	0.000	85	808716	10.0	10.2	
72 4-Nitroaniline	138	9.134	9.134	0.000	91	293688	10.0	7.09	
70 Fluorene	166	9.157	9.157	0.000	96	1737551	10.0	9.70	
73 4,6-Dinitro-2-methylphenol	198	9.169	9.169	0.000	83	416165	20.0	20.2	
74 N-Nitrosodiphenylamine	169	9.228	9.228	0.000	68	1197040	10.0	11.0	
75 1,2-Diphenylhydrazine	77	9.281	9.281	0.000	99	1864470	10.0	10.6	
\$ 76 2,4,6-Tribromophenol	330	9.398	9.398	0.000	94	222961	10.0	10.5	
77 4-Bromophenyl phenyl ether	248	9.616	9.616	0.000	83	404682	10.0	10.6	
78 Hexachlorobenzene	284	9.734	9.734	0.000	99	422288	10.0	10.9	
82 n-Octadecane	57	9.869	9.869	0.000	95	1517839	10.0	11.1	
121 Pentachlorophenol	266	9.910	9.910	0.000	92	451022	20.0	19.7	
81 Pentachloronitrobenzene	237	9.928	9.928	0.000	86	144815	10.0	10.3	
* 83 Phenanthrene-d10	188	10.116	10.116	0.000	99	1238829	8.00	8.00	
84 Phenanthrene	178	10.139	10.139	0.000	98	1825877	10.0	9.61	
85 Anthracene	178	10.192	10.192	0.000	98	1846563	10.0	9.51	
86 Carbazole	167	10.328	10.328	0.000	96	1305769	10.0	8.19	
87 Di-n-butyl phthalate	149	10.604	10.604	0.000	100	1432310	10.0	7.62	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Fluoranthene	202	11.457	11.457	0.000	97	1116879	10.0	8.16	
122 Benzidine	184	11.551	11.551	0.000	100	386334	10.0	6.22	
123 Bisphenol-A	213	11.692	11.692	0.000	0	233667	10.0	12.0	
90 Pyrene	202	11.757	11.757	0.000	96	1067551	10.0	11.7	
\$ 91 Terphenyl-d14	244	11.875	11.875	0.000	98	673348	10.0	11.3	
92 Butyl benzyl phthalate	149	12.480	12.480	0.000	98	285949	10.0	8.50	
93 Carbamazepine	193	12.710	12.710	0.000	93	205822	10.0	10.4	
108 2,3,7,8-TCDD	320	12.739	12.739	0.000	85	693	0.1000	0.0866	
98 Bis(2-ethylhexyl) phthalat	149	13.322	13.322	0.000	89	332523	10.0	8.95	
94 3,3'-Dichlorobenzidine	252	13.345	13.345	0.000	99	173840	10.0	9.40	
95 Benzo[a]anthracene	228	13.445	13.445	0.000	99	523278	10.0	9.81	
* 96 Chrysene-d12	240	13.463	13.463	0.000	98	347285	8.00	8.00	
97 Chrysene	228	13.504	13.504	0.000	98	491995	10.0	9.77	
99 Di-n-octyl phthalate	149	14.369	14.369	0.000	97	518908	10.0	9.38	
100 Benzo[b]fluoranthene	252	15.192	15.192	0.000	97	407232	10.0	10.2	
101 Benzo[k]fluoranthene	252	15.233	15.233	0.000	99	422828	10.0	9.63	
102 Benzo[a]pyrene	252	15.763	15.763	0.000	96	406016	10.0	10.3	
* 103 Perylene-d12	264	15.857	15.857	0.000	97	286340	8.00	8.00	
104 Indeno[1,2,3-cd]pyrene	276	18.027	18.027	0.000	97	628524	10.0	13.0	
105 Dibenz(a,h)anthracene	278	18.045	18.045	0.000	93	517222	10.0	12.8	
106 Benzo[g,h,i]perylene	276	18.680	18.680	0.000	95	563760	10.0	13.5	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_BNAL6_00023

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150518-27485.b\C16209.D

Injection Date: 18-May-2015 05:47:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: ccvis

Worklist Smp#: 2

Client ID:

Injection Vol: 5.0 ul

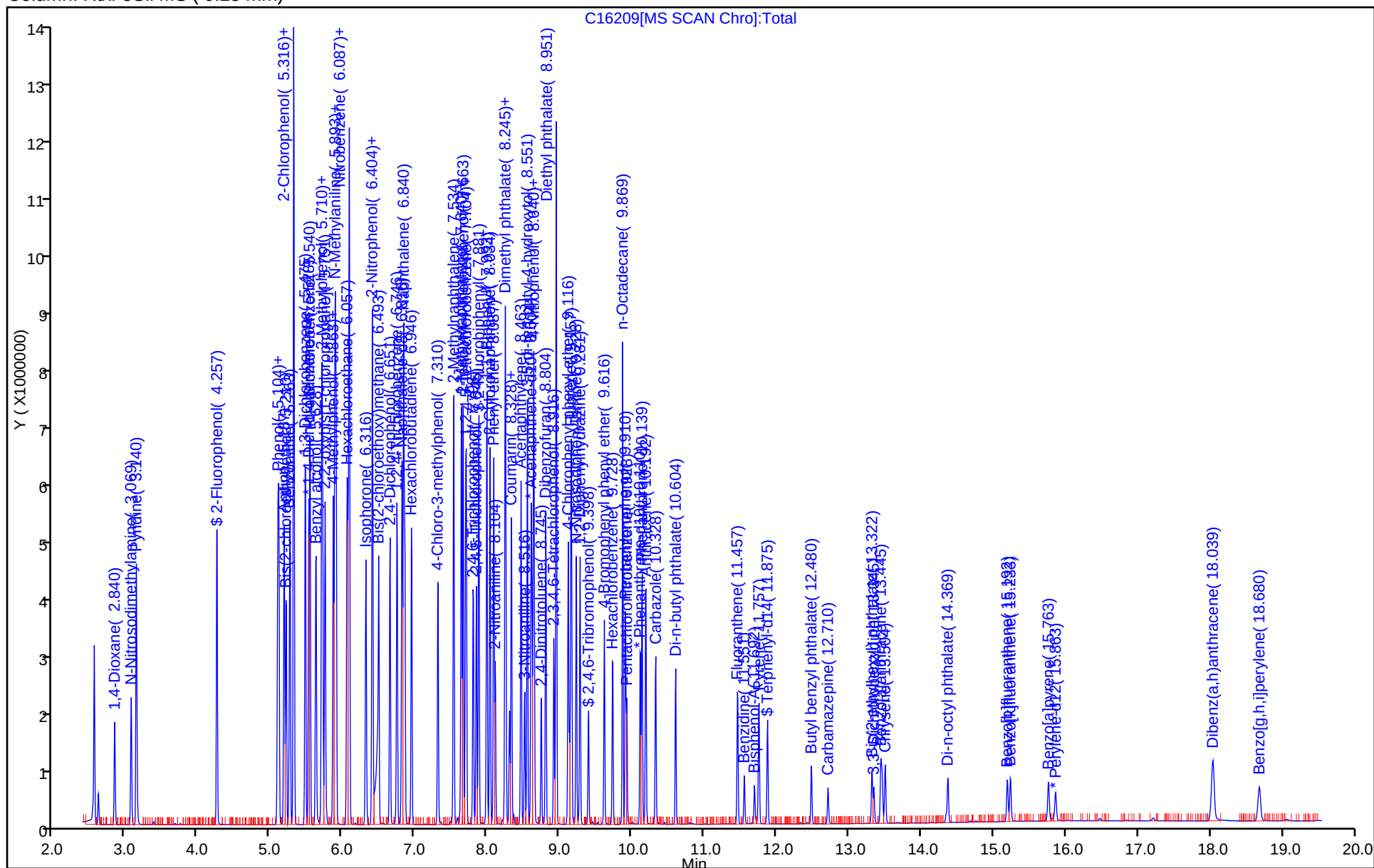
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8270LVI_R13

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-94855-1
SDG No.: _____
Lab Sample ID: CCV 460-299127/3 Calibration Date: 05/18/2015 06:16
Instrument ID: CBNAMS13 Calib Start Date: 05/07/2015 16:12
GC Column: Rtxi-5Sil MS ID: 0.25 (mm) Calib End Date: 05/07/2015 19:08
Lab File ID: C16210.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	1.169	1.113	0.0100	9520	10000	-4.8	20.0
Caprolactam	Ave	0.0778	0.0584	0.0100	7500	10000	-25.0*	20.0
Atrazine	Ave	0.1786	0.1465	0.0100	8200	10000	-18.0	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150518-27485.b\C16210.D
 Lims ID: ccv
 Client ID:
 Sample Type: CCV
 Inject. Date: 18-May-2015 06:16:30 ALS Bottle#: 3 Worklist Smp#: 3
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027485-003
 Operator ID: Instrument ID: CBNAMS13
 Sublist: chrom-8270LVI_R13*sub19
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150518-27485.b\8270LVI_R13.m
 Limit Group: SV 8270D ICAL
 Last Update: 18-May-2015 15:15:51 Calib Date: 07-May-2015 19:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK029

First Level Reviewer: szczecha

Date: 18-May-2015 15:15:51

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	5.087	5.087	0.000	94	1017294	10.0	9.52	
* 13 1,4-Dichlorobenzene-d4	152	5.522	5.522	0.000	97	731476	8.00	8.00	
* 35 Naphthalene-d8	136	6.810	6.810	0.000	100	2446491	8.00	8.00	
39 Caprolactam	113	7.175	7.175	0.000	92	178477	10.0	7.50	
* 61 Acenaphthene-d10	164	8.598	8.598	0.000	98	903403	8.00	8.00	
79 Atrazine	200	9.722	9.722	0.000	89	216087	10.0	8.20	
* 83 Phenanthrene-d10	188	10.110	10.110	0.000	99	1179931	8.00	8.00	
* 96 Chrysene-d12	240	13.457	13.457	0.000	99	332914	8.00	8.00	
* 103 Perylene-d12	264	15.857	15.857	0.000	95	263054	8.00	8.00	

Reagents:

SM_BNAL5B_00009

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CBNAMS13\20150518-27485.b\C16210.D

Injection Date: 18-May-2015 06:16:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: ccv

Worklist Smp#: 3

Client ID:

Injection Vol: 5.0 ul

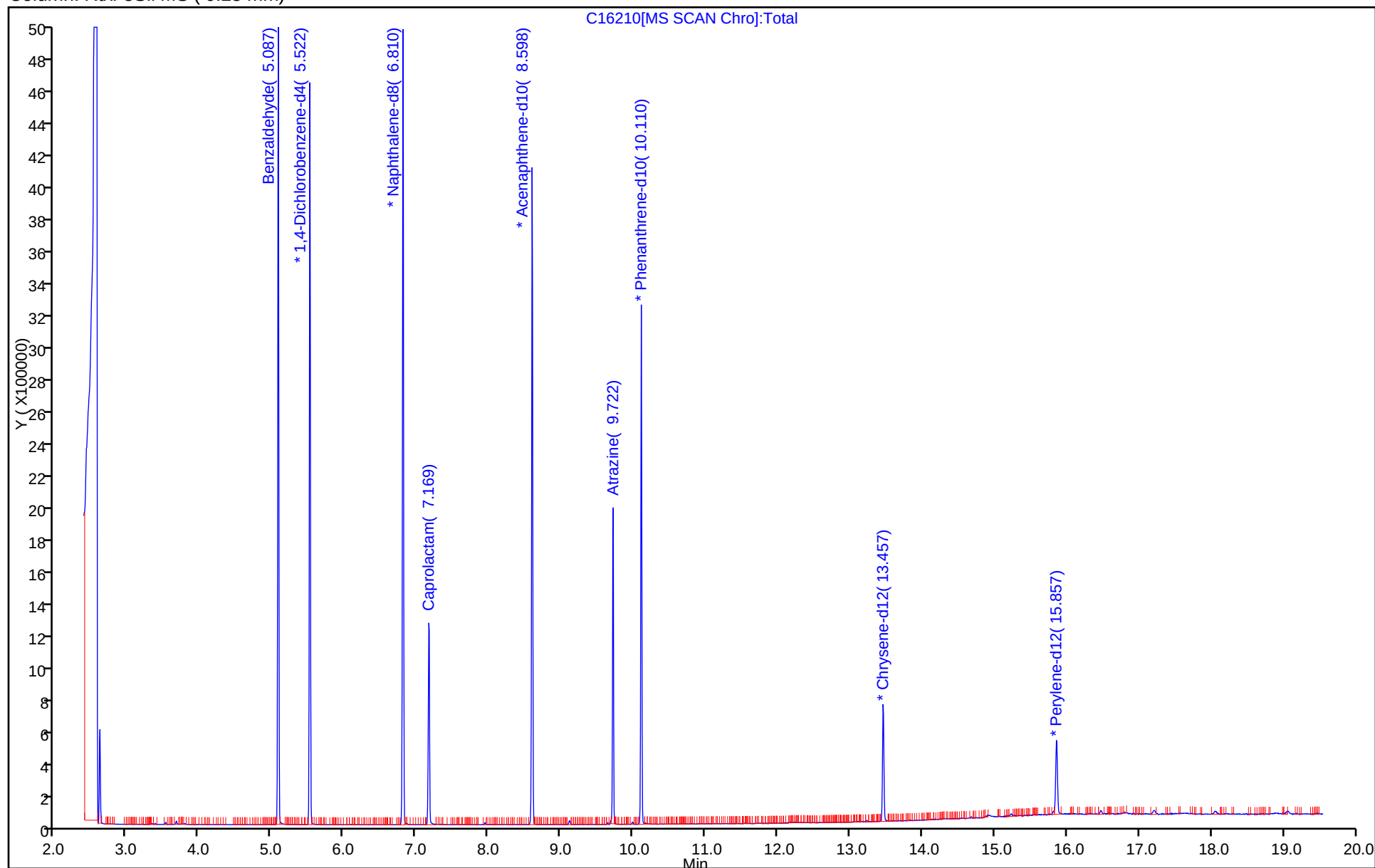
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8270LVI_R13

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Lab Sample ID: CCVIS 460-300593/2 Calibration Date: 05/23/2015 10:17

Instrument ID: CBNAMS13 Calib Start Date: 05/07/2015 12:17

GC Column: Rtxi-5Sil MS ID: 0.25 (mm) Calib End Date: 05/07/2015 15:43

Lab File ID: C16449.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6045	0.5958	0.0100	9860	10000	-1.4	20.0
N-Nitrosodimethylamine	Ave	0.9215	0.8173		8870	10000	-11.3	20.0
Pyridine	Ave	1.542	1.407		9130	10000	-8.7	20.0
Phenol	Ave	1.776	1.627	0.8000	9160	10000	-8.4	20.0
Aniline	Ave	2.303	2.081		9040	10000	-9.6	20.0
Bis(2-chloroethyl)ether	Ave	1.717	1.325	0.7000	7720	10000	-22.8*	20.0
2-Chlorophenol	Ave	1.480	1.399	0.8000	9450	10000	-5.5	20.0
n-Decane	Ave	2.111	1.971	0.0100	9330	10000	-6.7	20.0
1,3-Dichlorobenzene	Ave	1.642	1.589		9680	10000	-3.2	20.0
1,4-Dichlorobenzene	Ave	1.660	1.594		9600	10000	-4.0	20.0
Benzyl alcohol	Ave	0.8326	0.7661	0.0100	9200	10000	-8.0	20.0
1,2-Dichlorobenzene	Ave	1.537	1.461		9510	10000	-4.9	20.0
2-Methylphenol	Ave	1.322	1.192	0.7000	9020	10000	-9.8	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.742	2.281	0.0100	8320	10000	-16.8	20.0
3 & 4 Methylphenol	Ave	1.358	1.182		8700	10000	-13.0	20.0
4-Methylphenol	Ave	1.355	1.174	0.6000	8660	10000	-13.4	20.0
N-Nitrosodi-n-propylamine	Ave	0.9660	0.7869	0.5000	8150	10000	-18.5	20.0
Acetophenone	Ave	1.853	1.530	0.0100	8260	10000	-17.4	20.0
Hexachloroethane	Ave	0.6609	0.6535	0.3000	9890	10000	-1.1	20.0
n,n'-Dimethylaniline	Ave	2.186	1.970	0.0100	9010	10000	-9.9	20.0
Nitrobenzene	Ave	0.5254	0.5262	0.2000	10000	10000	0.2	20.0
Isophorone	Ave	0.6359	0.5575	0.4000	8770	10000	-12.3	20.0
2,4-Dimethylphenol	Ave	0.3573	0.3416	0.2000	9560	10000	-4.4	20.0
2-Nitrophenol	Ave	0.1895	0.1951	0.1000	10300	10000	2.9	20.0
Benzoic acid	Ave	0.1689	0.1642		9720	10000	-2.8	20.0
Bis(2-chloroethoxy)methane	Ave	0.4370	0.4006	0.3000	9170	10000	-8.3	20.0
2,4-Dichlorophenol	Ave	0.2765	0.2827	0.2000	10200	10000	2.2	20.0
1,2,4-Trichlorobenzene	Ave	0.3072	0.3109		10100	10000	1.2	20.0
Naphthalene	Ave	1.111	1.057	0.7000	9520	10000	-4.8	20.0
4-Chloroaniline	Ave	0.5937	0.5435	0.0100	9150	10000	-8.5	20.0
Hexachlorobutadiene	Ave	0.1591	0.1653	0.0100	10400	10000	3.9	20.0
4-Chloro-3-methylphenol	Ave	0.2639	0.2439		9240	10000	-7.6	20.0
2-Methylnaphthalene	Ave	0.6799	0.6192	0.4000	9110	10000	-8.9	20.0
1-Methylnaphthalene	Ave	0.6323	0.5668	0.0100	8960	10000	-10.4	20.0
2-tertbutyl-4-methylphenol	Ave	0.4372	0.4143	0.0100	9480	10000	-5.2	20.0
Hexachlorocyclopentadiene	Ave	0.3710	0.4660	0.0500	12600	10000	25.6*	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5885	0.6853	0.0100	11600	10000	16.4	20.0
2,4,6-Trichlorophenol	Ave	0.3728	0.4449	0.2000	11900	10000	19.3	20.0
2,4,5-Trichlorophenol	Ave	0.4032	0.4411	0.2000	10900	10000	9.4	20.0
1,1'-Biphenyl	Ave	1.683	1.877	0.0100	11200	10000	11.5	20.0
2-Chloronaphthalene	Ave	1.310	1.472	0.8000	11200	10000	12.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Lab Sample ID: CCVIS 460-300593/2 Calibration Date: 05/23/2015 10:17

Instrument ID: CBNAMS13 Calib Start Date: 05/07/2015 12:17

GC Column: Rtxi-5Sil MS ID: 0.25 (mm) Calib End Date: 05/07/2015 15:43

Lab File ID: C16449.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenyl ether	Ave	0.8467	0.9838	0.0100	11600	10000	16.2	20.0
2-Nitroaniline	Ave	0.4409	0.4705	0.0100	10700	10000	6.7	20.0
1,3-Dimethylnaphthalene	Ave	1.047	1.185	0.0100	11300	10000	13.2	20.0
Dimethyl phthalate	Ave	1.208	1.171	0.0100	9690	10000	-3.1	20.0
2,6-Dinitrotoluene	Ave	0.2803	0.2957	0.2000	10600	10000	5.5	20.0
Coumarin	Ave	0.2003	0.1480	0.0100	7390	10000	-26.1*	20.0
Acenaphthylene	Ave	1.915	2.035	0.9000	10600	10000	6.3	20.0
3-Nitroaniline	Ave	0.3384	0.3208	0.0100	9480	10000	-5.2	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.057	1.198	0.0100	11300	10000	13.4	20.0
2,4-Dinitrophenol	Ave	0.1539	0.1565	0.0100	20300	20000	1.7	20.0
Acenaphthene	Ave	1.274	1.410	0.9000	11100	10000	10.7	20.0
4-Nitrophenol	Ave	0.2316	0.1837	0.0100	15900	20000	-20.7*	20.0
2,4-Dinitrotoluene	Lin2		0.3327	0.2000	9590	10000	-4.1	20.0
Dibenzofuran	Ave	1.664	1.706	0.8000	10200	10000	2.5	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2695	0.2758	0.0100	10200	10000	2.3	20.0
Diethyl phthalate	Ave	1.172	1.055	0.0100	9000	10000	-10.0	20.0
4-Chlorophenyl phenyl ether	Ave	0.5708	0.5804	0.4000	10200	10000	1.7	20.0
4-Nitroaniline	Ave	0.2970	0.2517	0.0100	8470	10000	-15.3	20.0
Fluorene	Ave	1.284	1.268	0.9000	9880	10000	-1.2	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1332	0.1437	0.0100	21600	20000	7.9	20.0
N-Nitrosodiphenylamine	Ave	0.7053	0.7653	0.0100	10900	10000	8.5	20.0
1,2-Diphenylhydrazine	Ave	1.132	1.162	0.0100	10300	10000	2.7	20.0
4-Bromophenyl phenyl ether	Ave	0.2455	0.2516	0.1000	10300	10000	2.5	20.0
Hexachlorobenzene	Ave	0.2507	0.2535	0.1000	10100	10000	1.1	20.0
n-Octadecane	Ave	0.8843	0.8880	0.0100	10000	10000	0.4	20.0
Pentachlorophenol	Ave	0.1477	0.1446	0.0500	19600	20000	-2.1	20.0
Pentachloronitrobenzene	Ave	0.0912	0.0939	0.0100	10300	10000	2.9	20.0
Phenanthrene	Ave	1.226	1.190	0.7000	9700	10000	-3.0	20.0
Anthracene	Ave	1.254	1.209	0.7000	9640	10000	-3.6	20.0
Carbazole	Ave	1.029	0.9153	0.0100	8890	10000	-11.1	20.0
Di-n-butyl phthalate	Ave	1.214	1.006	0.0100	8290	10000	-17.1	20.0
Fluoranthene	Ave	0.8842	0.7988	0.6000	9030	10000	-9.7	20.0
Benzidine	Ave	0.4013	0.3960		9870	10000	-1.3	20.0
Bisphenol-A	Qua	0.3261	0.5490		12200	10000	22.2*	20.0
Pyrene	Qua		1.752	0.6000	7740	10000	-22.6*	20.0
Butyl benzyl phthalate	Ave	0.7751	0.6471	0.0100	8350	10000	-16.5	20.0
Carbamazepine	Qua		0.5516	0.0100	11900	10000	19.2	20.0
2,3,7,8-TCDD	Ave	0.1844	0.1508	0.0100	81.8	100	-18.2	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8560	0.8652	0.0100	10100	10000	1.1	20.0
3,3'-Dichlorobenzidine	Lin2		0.4639	0.0100	10900	10000	8.8	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-300593/2 Calibration Date: 05/23/2015 10:17
 Instrument ID: CBNAMS13 Calib Start Date: 05/07/2015 12:17
 GC Column: Rtxi-5Sil MS ID: 0.25 (mm) Calib End Date: 05/07/2015 15:43
 Lab File ID: C16449.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[a]anthracene	Ave	1.228	1.174	0.8000	9560	10000	-4.4	20.0
Chrysene	Ave	1.160	1.116	0.7000	9630	10000	-3.7	20.0
Di-n-octyl phthalate	Ave	1.545	1.542	0.0100	9980	10000	-0.2	20.0
Benzo[b]fluoranthene	Ave	1.115	1.130	0.7000	10100	10000	1.3	20.0
Benzo[k]fluoranthene	Ave	1.227	1.228	0.7000	10000	10000	0.0	20.0
Benzo[a]pyrene	Ave	1.100	1.136	0.7000	10300	10000	3.3	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.354	1.411	0.5000	10400	10000	4.1	20.0
Dibenz(a,h)anthracene	Ave	1.127	1.177	0.4000	10400	10000	4.4	20.0
Benzo[g,h,i]perylene	Ave	1.169	1.213	0.5000	10400	10000	3.8	20.0
2-Fluorophenol	Ave	1.388	1.429	0.0100	10300	10000	2.9	20.0
Phenol-d5	Ave	1.648	1.626	0.0100	9870	10000	-1.3	20.0
Nitrobenzene-d5	Ave	0.4086	0.4370	0.0100	10700	10000	7.0	20.0
2-Fluorobiphenyl	Ave	1.459	1.726	0.0100	11800	10000	18.3	20.0
2,4,6-Tribromophenol	Ave	0.1516	0.1573	0.0100	10400	10000	3.7	20.0
Terphenyl-d14	QuaF		1.113	0.0100	7650	10000	-23.5*	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150523-27759.b\C16449.D
 Lims ID: ccvis
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 23-May-2015 10:17:30 ALS Bottle#: 2 Worklist Smp#: 2
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027759-002
 Misc. Info.: CCVIS
 Operator ID: Instrument ID: CBNAMS13
 Sublist: chrom-8270LVI_R13*sub15
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150523-27759.b\8270LVI_R13.m
 Limit Group: SV 8270D ICAL
 Last Update: 23-May-2015 20:59:01 Calib Date: 07-May-2015 19:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK032

First Level Reviewer: bagn

Date: 23-May-2015 10:43:58

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	2.710	2.710	0.000	98	627384	10.0	9.86	
2 N-Nitrosodimethylamine	74	2.940	2.940	0.000	83	860643	10.0	8.87	
3 Pyridine	79	3.010	3.010	0.000	84	1481543	10.0	9.13	
\$ 4 2-Fluorophenol	112	4.140	4.140	0.000	95	1504800	10.0	10.3	
\$ 6 Phenol-d5	99	4.998	4.998	0.000	94	1712522	10.0	9.87	
7 Phenol	94	5.010	5.010	0.000	99	1713450	10.0	9.16	
8 Aniline	93	5.081	5.081	0.000	99	2191223	10.0	9.04	
9 Bis(2-chloroethyl)ether	93	5.110	5.110	0.000	94	1395476	10.0	7.72	
125 Benzonitrile	103	5.157	5.157	0.000	98	2547682	NC	NC	
11 n-Decane	43	5.216	5.216	0.000	93	2075366	10.0	9.33	
10 2-Chlorophenol	128	5.216	5.216	0.000	82	1472627	10.0	9.45	
12 1,3-Dichlorobenzene	146	5.375	5.375	0.000	95	1673124	10.0	9.68	
* 13 1,4-Dichlorobenzene-d4	152	5.422	5.422	0.000	96	842393	8.00	8.00	
14 1,4-Dichlorobenzene	146	5.440	5.440	0.000	94	1678166	10.0	9.60	
15 Benzyl alcohol	108	5.522	5.522	0.000	94	806715	10.0	9.20	
16 1,2-Dichlorobenzene	146	5.598	5.598	0.000	96	1538577	10.0	9.51	
17 2-Methylphenol	108	5.616	5.616	0.000	91	1254733	10.0	9.02	
18 2,2'-oxybis[1-chloropropan	45	5.651	5.651	0.000	94	2401936	10.0	8.32	
22 3 & 4 Methylphenol	108	5.763	5.763	0.000	68	1244125	10.0	8.70	
21 4-Methylphenol	108	5.763	5.763	0.000	94	1236100	10.0	8.66	
20 N-Nitrosodi-n-propylamine	70	5.781	5.781	0.000	92	828576	10.0	8.15	
126 N-Methylaniline	106	5.792	5.792	0.000	78	1929328	NC	NC	
19 Acetophenone	105	5.798	5.798	0.000	96	1611085	10.0	8.26	
24 Hexachloroethane	117	5.951	5.951	0.000	90	688135	10.0	9.89	
\$ 25 Nitrobenzene-d5	82	5.963	5.963	0.000	90	1499554	10.0	10.7	
27 n,n'-Dimethylaniline	120	5.981	5.981	0.000	93	2074836	10.0	9.01	
26 Nitrobenzene	77	5.981	5.981	0.000	92	1805346	10.0	10.0	
28 Isophorone	82	6.210	6.210	0.000	99	1912832	10.0	8.77	
30 2,4-Dimethylphenol	122	6.304	6.304	0.000	86	1172208	10.0	9.56	
29 2-Nitrophenol	139	6.304	6.304	0.000	78	669252	10.0	10.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
32 Benzoic acid	122	6.369	6.369	0.000	87	563324	10.0	9.72	
31 Bis(2-chloroethoxy)methane	93	6.392	6.392	0.000	99	1374404	10.0	9.17	
33 2,4-Dichlorophenol	162	6.545	6.545	0.000	95	969823	10.0	10.2	
34 1,2,4-Trichlorobenzene	180	6.639	6.639	0.000	94	1066619	10.0	10.1	
* 35 Naphthalene-d8	136	6.710	6.710	0.000	100	2744976	8.00	8.00	
36 Naphthalene	128	6.734	6.734	0.000	98	3627722	10.0	9.52	
37 4-Chloroaniline	127	6.751	6.751	0.000	96	1864689	10.0	9.15	
38 Hexachlorobutadiene	225	6.845	6.845	0.000	92	567098	10.0	10.4	
40 4-Chloro-3-methylphenol	107	7.210	7.210	0.000	97	836866	10.0	9.24	
41 2-Methylnaphthalene	142	7.428	7.428	0.000	85	2124436	10.0	9.11	
42 1-Methylnaphthalene	142	7.528	7.528	0.000	94	1944814	10.0	8.96	
45 2-tertbutyl-4-methylphenol	149	7.563	7.563	0.000	91	1421440	10.0	9.48	
43 Hexachlorocyclopentadiene	237	7.592	7.592	0.000	95	570725	10.0	12.6	
44 1,2,4,5-Tetrachlorobenzene	216	7.598	7.598	0.000	95	839407	10.0	11.6	
46 2,4,6-Trichlorophenol	196	7.698	7.698	0.000	88	544903	10.0	11.9	
47 2,4,5-Trichlorophenol	196	7.739	7.739	0.000	95	540244	10.0	10.9	
\$ 48 2-Fluorobiphenyl	172	7.775	7.775	0.000	97	2113955	10.0	11.8	
49 1,1'-Biphenyl	154	7.881	7.881	0.000	96	2299039	10.0	11.2	
50 2-Chloronaphthalene	162	7.928	7.928	0.000	96	1803269	10.0	11.2	
53 Phenyl ether	170	7.981	7.981	0.000	87	1204991	10.0	11.6	
54 2-Nitroaniline	65	7.998	7.998	0.000	98	576278	10.0	10.7	
55 1,3-Dimethylnaphthalene	156	8.133	8.133	0.000	91	1451430	10.0	11.3	
56 Dimethyl phthalate	163	8.151	8.151	0.000	99	1434312	10.0	9.69	
58 2,6-Dinitrotoluene	165	8.222	8.222	0.000	78	362181	10.0	10.6	
57 Coumarin	146	8.222	8.222	0.000	64	507653	10.0	7.39	
59 Acenaphthylene	152	8.357	8.357	0.000	97	2492876	10.0	10.6	
60 3-Nitroaniline	138	8.404	8.404	0.000	96	392884	10.0	9.48	
63 3,5-di-tert-butyl-4-hydrox	205	8.445	8.445	0.000	99	1467712	10.0	11.3	
* 61 Acenaphthene-d10	164	8.492	8.492	0.000	98	979851	8.00	8.00	
64 2,4-Dinitrophenol	184	8.510	8.510	0.000	95	383255	20.0	20.3	
62 Acenaphthene	154	8.528	8.528	0.000	95	1727395	10.0	11.1	
65 4-Nitrophenol	65	8.545	8.545	0.000	93	449872	20.0	15.9	
67 2,4-Dinitrotoluene	165	8.639	8.639	0.000	96	407451	10.0	9.59	
66 Dibenzofuran	168	8.698	8.698	0.000	95	2088952	10.0	10.2	
68 2,3,4,6-Tetrachlorophenol	232	8.810	8.810	0.000	90	337737	10.0	10.2	
69 Diethyl phthalate	149	8.851	8.851	0.000	98	1292241	10.0	9.00	
71 4-Chlorophenyl phenyl ethe	204	9.010	9.010	0.000	85	710866	10.0	10.2	
72 4-Nitroaniline	138	9.028	9.028	0.000	90	308261	10.0	8.47	
70 Fluorene	166	9.045	9.045	0.000	96	1553413	10.0	9.88	
73 4,6-Dinitro-2-methylphenol	198	9.057	9.057	0.000	84	412408	20.0	21.6	
74 N-Nitrosodiphenylamine	169	9.122	9.122	0.000	68	1098361	10.0	10.9	
75 1,2-Diphenylhydrazine	77	9.169	9.169	0.000	99	1668224	10.0	10.3	
\$ 76 2,4,6-Tribromophenol	330	9.286	9.286	0.000	92	192619	10.0	10.4	
77 4-Bromophenyl phenyl ether	248	9.510	9.510	0.000	87	361174	10.0	10.3	
78 Hexachlorobenzene	284	9.622	9.622	0.000	99	363811	10.0	10.1	
82 n-Octadecane	57	9.769	9.769	0.000	95	1274478	10.0	10.0	
121 Pentachlorophenol	266	9.798	9.798	0.000	92	415066	20.0	19.6	
81 Pentachloronitrobenzene	237	9.816	9.816	0.000	85	134704	10.0	10.3	
* 83 Phenanthrene-d10	188	9.998	9.998	0.000	99	1148231	8.00	8.00	
84 Phenanthrene	178	10.027	10.027	0.000	98	1708285	10.0	9.70	
85 Anthracene	178	10.075	10.075	0.000	98	1734750	10.0	9.64	
86 Carbazole	167	10.216	10.216	0.000	96	1313709	10.0	8.89	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Di-n-butyl phthalate	149	10.492	10.492	0.000	100	1444267	10.0	8.29	
88 Fluoranthene	202	11.327	11.327	0.000	97	1146512	10.0	9.03	
122 Benzidine	184	11.421	11.421	0.000	99	568316	10.0	9.87	
123 Bisphenol-A	213	11.569	11.569	0.000	0	354528	10.0	12.2	
90 Pyrene	202	11.621	11.621	0.000	97	1131376	10.0	7.74	
\$ 91 Terphenyl-d14	244	11.739	11.739	0.000	99	719011	10.0	7.65	
92 Butyl benzyl phthalate	149	12.339	12.339	0.000	98	417916	10.0	8.35	
93 Carbamazepine	193	12.568	12.568	0.000	92	356214	10.0	11.9	
108 2,3,7,8-TCDD	320	12.586	12.586	0.000	86	974	0.1000	0.0818	
98 Bis(2-ethylhexyl) phthalat	149	13.174	13.174	0.000	90	558758	10.0	10.1	
94 3,3'-Dichlorobenzidine	252	13.192	13.192	0.000	99	299611	10.0	10.9	
95 Benzo[a]anthracene	228	13.286	13.286	0.000	99	758210	10.0	9.56	
* 96 Chrysene-d12	240	13.304	13.304	0.000	98	516666	8.00	8.00	
97 Chrysene	228	13.345	13.345	0.000	98	720993	10.0	9.63	
99 Di-n-octyl phthalate	149	14.215	14.215	0.000	97	1024725	10.0	9.98	
100 Benzo[b]fluoranthene	252	15.021	15.021	0.000	98	750872	10.0	10.1	
101 Benzo[k]fluoranthene	252	15.062	15.062	0.000	98	815903	10.0	10.0	
102 Benzo[a]pyrene	252	15.574	15.574	0.000	96	754679	10.0	10.3	
* 103 Perylene-d12	264	15.668	15.668	0.000	96	531557	8.00	8.00	
104 Indeno[1,2,3-cd]pyrene	276	17.762	17.762	0.000	94	937254	10.0	10.4	
105 Dibenz(a,h)anthracene	278	17.774	17.774	0.000	94	782073	10.0	10.4	
106 Benzo[g,h,i]perylene	276	18.380	18.380	0.000	95	806085	10.0	10.4	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_BNAL6_00023

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150523-27759.b\C16449.D

Injection Date: 23-May-2015 10:17:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: ccvis

Worklist Smp#: 2

Client ID:

Injection Vol: 5.0 ul

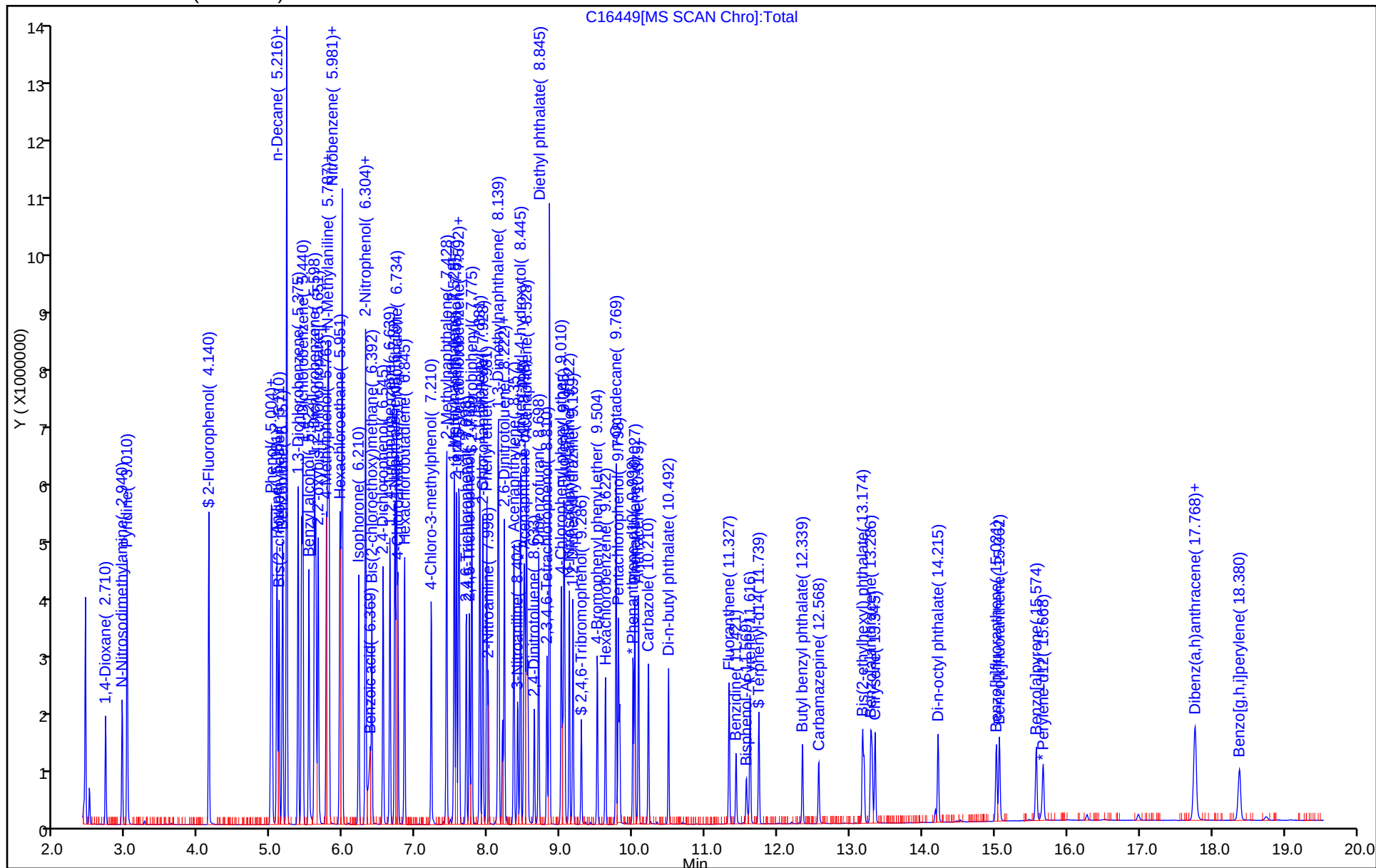
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8270LVI_R13

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-94855-1
SDG No.: _____
Lab Sample ID: CCV 460-300593/3 Calibration Date: 05/23/2015 10:45
Instrument ID: CBNAMS13 Calib Start Date: 05/07/2015 16:12
GC Column: Rtxi-5Sil MS ID: 0.25 (mm) Calib End Date: 05/07/2015 19:08
Lab File ID: C16450.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	1.169	1.136	0.0100	9720	10000	-2.8	20.0
Caprolactam	Ave	0.0778	0.0718	0.0100	9220	10000	-7.8	20.0
Atrazine	Ave	0.1786	0.1599	0.0100	8950	10000	-10.5	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150523-27759.b\C16450.D
 Lims ID: ccv
 Client ID:
 Sample Type: CCV
 Inject. Date: 23-May-2015 10:45:30 ALS Bottle#: 3 Worklist Smp#: 3
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027759-003
 Misc. Info.: CCV
 Operator ID: Instrument ID: CBNAMS13
 Sublist: chrom-8270LVI_R13*sub19
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150523-27759.b\8270LVI_R13.m
 Limit Group: SV 8270D ICAL
 Last Update: 23-May-2015 20:59:05 Calib Date: 07-May-2015 19:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK032

First Level Reviewer: baig

Date: 23-May-2015 11:03:53

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.981	4.981	0.000	94	1402289	10.0	9.72	
* 13 1,4-Dichlorobenzene-d4	152	5.422	5.422	0.000	97	987814	8.00	8.00	
* 35 Naphthalene-d8	136	6.710	6.710	0.000	100	3403729	8.00	8.00	
39 Caprolactam	113	7.069	7.069	0.000	91	305323	10.0	9.22	
* 61 Acenaphthene-d10	164	8.492	8.492	0.000	98	1353904	8.00	8.00	
79 Atrazine	200	9.616	9.616	0.000	89	356525	10.0	8.95	
* 83 Phenanthrene-d10	188	9.998	9.998	0.000	99	1784302	8.00	8.00	
* 96 Chrysene-d12	240	13.304	13.304	0.000	98	537309	8.00	8.00	
* 103 Perylene-d12	264	15.668	15.668	0.000	96	438404	8.00	8.00	

Reagents:

SM_BNAL5B_00009

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CBNAMS13\20150523-27759.b\C16450.D

Injection Date: 23-May-2015 10:45:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: ccv

Worklist Smp#: 3

Client ID:

Injection Vol: 5.0 ul

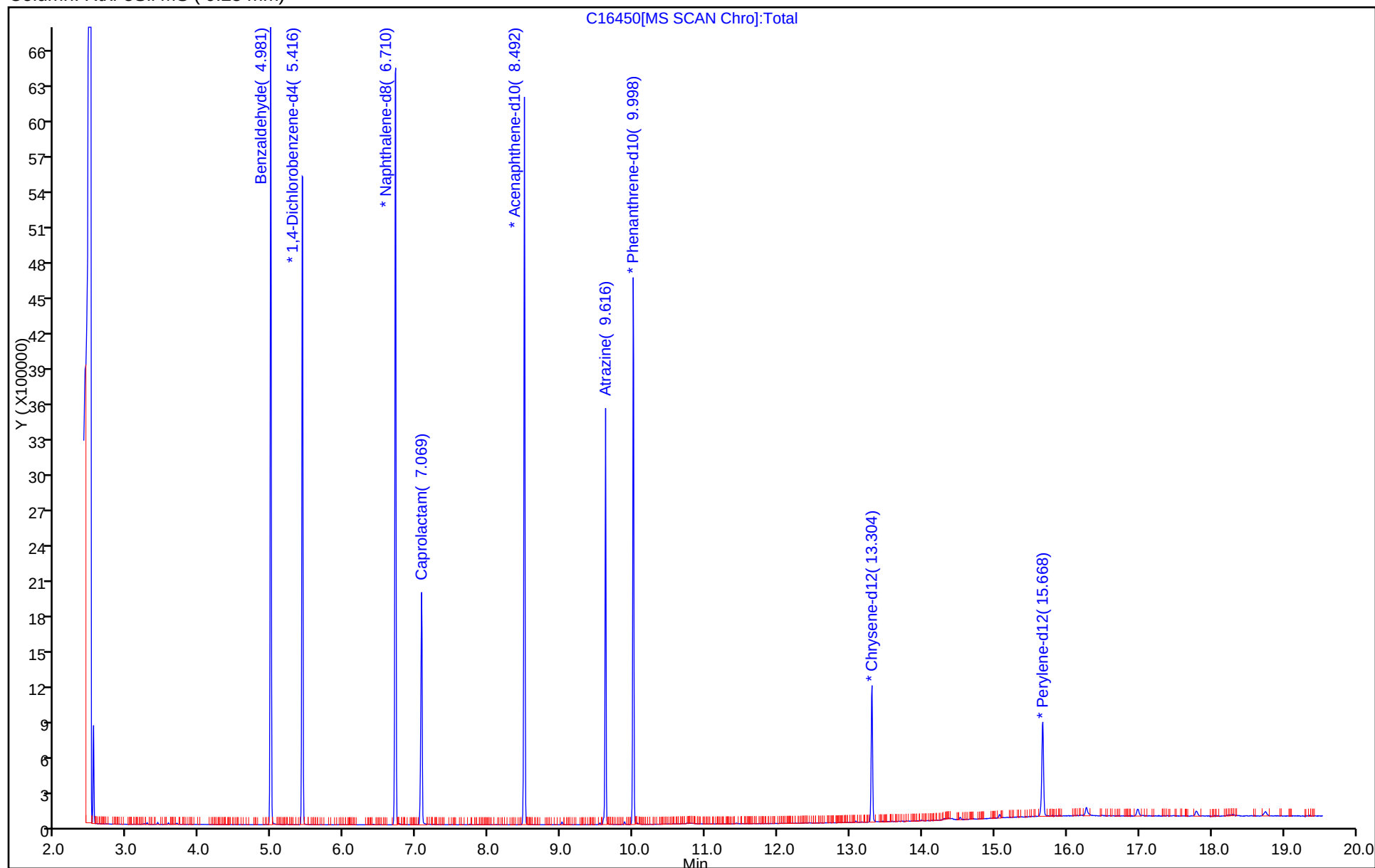
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8270LVI_R13

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Lab Sample ID: CCVIS 460-300751/2 Calibration Date: 05/26/2015 06:47

Instrument ID: CBNAMS13 Calib Start Date: 05/07/2015 12:17

GC Column: Rtxi-5Sil MS ID: 0.25 (mm) Calib End Date: 05/07/2015 15:43

Lab File ID: C16506.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6045	0.5797	0.0100	9590	10000	-4.1	20.0
N-Nitrosodimethylamine	Ave	0.9215	0.8422		9140	10000	-8.6	20.0
Pyridine	Ave	1.542	1.424		9230	10000	-7.7	20.0
Phenol	Ave	1.776	1.654	0.8000	9310	10000	-6.9	20.0
Aniline	Ave	2.303	2.180		9470	10000	-5.3	20.0
Bis(2-chloroethyl)ether	Ave	1.717	1.342	0.7000	7820	10000	-21.8*	20.0
2-Chlorophenol	Ave	1.480	1.414	0.8000	9550	10000	-4.5	20.0
n-Decane	Ave	2.111	1.898	0.0100	8990	10000	-10.1	20.0
1,3-Dichlorobenzene	Ave	1.642	1.589		9680	10000	-3.2	20.0
1,4-Dichlorobenzene	Ave	1.660	1.605		9660	10000	-3.4	20.0
Benzyl alcohol	Ave	0.8326	0.7873	0.0100	9460	10000	-5.4	20.0
1,2-Dichlorobenzene	Ave	1.537	1.491		9700	10000	-3.0	20.0
2-Methylphenol	Ave	1.322	1.230	0.7000	9310	10000	-6.9	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.742	2.321	0.0100	8470	10000	-15.3	20.0
3 & 4 Methylphenol	Ave	1.358	1.295		9530	10000	-4.7	20.0
4-Methylphenol	Ave	1.355	1.279	0.6000	9440	10000	-5.6	20.0
N-Nitrosodi-n-propylamine	Ave	0.9660	0.8301	0.5000	8590	10000	-14.1	20.0
Acetophenone	Ave	1.853	1.644	0.0100	8870	10000	-11.3	20.0
Hexachloroethane	Ave	0.6609	0.6525	0.3000	9870	10000	-1.3	20.0
n,n'-Dimethylaniline	Ave	2.186	2.095	0.0100	9580	10000	-4.2	20.0
Nitrobenzene	Ave	0.5254	0.5272	0.2000	10000	10000	0.4	20.0
Isophorone	Ave	0.6359	0.5528	0.4000	8690	10000	-13.1	20.0
2,4-Dimethylphenol	Ave	0.3573	0.3378	0.2000	9460	10000	-5.4	20.0
2-Nitrophenol	Ave	0.1895	0.1948	0.1000	10300	10000	2.8	20.0
Benzoic acid	Ave	0.1689	0.1625		9620	10000	-3.8	20.0
Bis(2-chloroethoxy)methane	Ave	0.4370	0.3940	0.3000	9010	10000	-9.9	20.0
2,4-Dichlorophenol	Ave	0.2765	0.2827	0.2000	10200	10000	2.3	20.0
1,2,4-Trichlorobenzene	Ave	0.3072	0.3019		9830	10000	-1.7	20.0
Naphthalene	Ave	1.111	1.068	0.7000	9620	10000	-3.8	20.0
4-Chloroaniline	Ave	0.5937	0.5532	0.0100	9320	10000	-6.8	20.0
Hexachlorobutadiene	Ave	0.1591	0.1587	0.0100	9980	10000	-0.2	20.0
4-Chloro-3-methylphenol	Ave	0.2639	0.2493		9450	10000	-5.5	20.0
2-Methylnaphthalene	Ave	0.6799	0.6253	0.4000	9200	10000	-8.0	20.0
1-Methylnaphthalene	Ave	0.6323	0.5735	0.0100	9070	10000	-9.3	20.0
2-tertbutyl-4-methylphenol	Ave	0.4372	0.4169	0.0100	9540	10000	-4.6	20.0
Hexachlorocyclopentadiene	Ave	0.3710	0.4244	0.0500	11400	10000	14.4	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5885	0.6695	0.0100	11400	10000	13.8	20.0
2,4,6-Trichlorophenol	Ave	0.3728	0.4317	0.2000	11600	10000	15.8	20.0
2,4,5-Trichlorophenol	Ave	0.4032	0.4566	0.2000	11300	10000	13.2	20.0
1,1'-Biphenyl	Ave	1.683	1.845	0.0100	11000	10000	9.6	20.0
2-Chloronaphthalene	Ave	1.310	1.460	0.8000	11100	10000	11.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Lab Sample ID: CCVIS 460-300751/2 Calibration Date: 05/26/2015 06:47

Instrument ID: CBNAMS13 Calib Start Date: 05/07/2015 12:17

GC Column: Rtxi-5Sil MS ID: 0.25 (mm) Calib End Date: 05/07/2015 15:43

Lab File ID: C16506.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenyl ether	Ave	0.8467	0.9541	0.0100	11300	10000	12.7	20.0
2-Nitroaniline	Ave	0.4409	0.4797	0.0100	10900	10000	8.8	20.0
1,3-Dimethylnaphthalene	Ave	1.047	1.164	0.0100	11100	10000	11.2	20.0
Dimethyl phthalate	Ave	1.208	1.210	0.0100	10000	10000	0.1	20.0
2,6-Dinitrotoluene	Ave	0.2803	0.3081	0.2000	11000	10000	9.9	20.0
Coumarin	Ave	0.2003	0.1678	0.0100	8380	10000	-16.2	20.0
Acenaphthylene	Ave	1.915	2.017	0.9000	10500	10000	5.3	20.0
3-Nitroaniline	Ave	0.3384	0.3525	0.0100	10400	10000	4.2	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.057	1.139	0.0100	10800	10000	7.8	20.0
2,4-Dinitrophenol	Ave	0.1539	0.1889	0.0100	24500	20000	22.7*	20.0
Acenaphthene	Ave	1.274	1.434	0.9000	11200	10000	12.5	20.0
4-Nitrophenol	Ave	0.2316	0.2370	0.0100	20500	20000	2.4	20.0
2,4-Dinitrotoluene	Lin2		0.3717	0.2000	10700	10000	7.1	20.0
Dibenzofuran	Ave	1.664	1.730	0.8000	10400	10000	4.0	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2695	0.2870	0.0100	10600	10000	6.5	20.0
Diethyl phthalate	Ave	1.172	1.148	0.0100	9800	10000	-2.0	20.0
4-Chlorophenyl phenyl ether	Ave	0.5708	0.5728	0.4000	10000	10000	0.4	20.0
4-Nitroaniline	Ave	0.2970	0.3207	0.0100	10800	10000	8.0	20.0
Fluorene	Ave	1.284	1.308	0.9000	10200	10000	1.9	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1332	0.1563	0.0100	23500	20000	17.4	20.0
N-Nitrosodiphenylamine	Ave	0.7053	0.7121	0.0100	10100	10000	1.0	20.0
1,2-Diphenylhydrazine	Ave	1.132	1.063	0.0100	9390	10000	-6.1	20.0
4-Bromophenyl phenyl ether	Ave	0.2455	0.2352	0.1000	9580	10000	-4.2	20.0
Hexachlorobenzene	Ave	0.2507	0.2478	0.1000	9880	10000	-1.2	20.0
n-Octadecane	Ave	0.8843	0.7886	0.0100	8920	10000	-10.8	20.0
Pentachlorophenol	Ave	0.1477	0.1553	0.0500	21000	20000	5.1	20.0
Pentachloronitrobenzene	Ave	0.0912	0.0990	0.0100	10900	10000	8.5	20.0
Phenanthrene	Ave	1.226	1.178	0.7000	9600	10000	-4.0	20.0
Anthracene	Ave	1.254	1.206	0.7000	9620	10000	-3.8	20.0
Carbazole	Ave	1.029	1.043	0.0100	10100	10000	1.4	20.0
Di-n-butyl phthalate	Ave	1.214	1.189	0.0100	9790	10000	-2.1	20.0
Fluoranthene	Ave	0.8842	0.9561	0.6000	10800	10000	8.1	20.0
Benzidine	Ave	0.4013	0.5702		14200	10000	42.1*	20.0
Bisphenol-A	Qua	0.3261	0.5591		12400	10000	24.2*	20.0
Pyrene	Qua		1.691	0.6000	7430	10000	-25.7*	20.0
Butyl benzyl phthalate	Ave	0.7751	0.6841	0.0100	8830	10000	-11.7	20.0
Carbamazepine	Qua		0.4991	0.0100	10900	10000	9.1	20.0
2,3,7,8-TCDD	Ave	0.1844	0.1476	0.0100	80.0	100	-20.0	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8560	0.8678	0.0100	10100	10000	1.4	20.0
3,3'-Dichlorobenzidine	Lin2		0.4425	0.0100	10400	10000	3.8	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-300751/2 Calibration Date: 05/26/2015 06:47
 Instrument ID: CBNAMS13 Calib Start Date: 05/07/2015 12:17
 GC Column: Rtxi-5Sil MS ID: 0.25 (mm) Calib End Date: 05/07/2015 15:43
 Lab File ID: C16506.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[a]anthracene	Ave	1.228	1.205	0.8000	9810	10000	-1.9	20.0
Chrysene	Ave	1.160	1.120	0.7000	9660	10000	-3.4	20.0
Di-n-octyl phthalate	Ave	1.545	1.600	0.0100	10400	10000	3.5	20.0
Benzo[b]fluoranthene	Ave	1.115	1.152	0.7000	10300	10000	3.3	20.0
Benzo[k]fluoranthene	Ave	1.227	1.219	0.7000	9930	10000	-0.7	20.0
Benzo[a]pyrene	Ave	1.100	1.126	0.7000	10200	10000	2.3	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.354	1.324	0.5000	9770	10000	-2.3	20.0
Dibenz(a,h)anthracene	Ave	1.127	1.092	0.4000	9690	10000	-3.1	20.0
Benzo[g,h,i]perylene	Ave	1.169	1.120	0.5000	9590	10000	-4.1	20.0
2-Fluorophenol	Ave	1.388	1.420	0.0100	10200	10000	2.3	20.0
Phenol-d5	Ave	1.648	1.673	0.0100	10100	10000	1.5	20.0
Nitrobenzene-d5	Ave	0.4086	0.4351	0.0100	10600	10000	6.5	20.0
2-Fluorobiphenyl	Ave	1.459	1.674	0.0100	11500	10000	14.7	20.0
2,4,6-Tribromophenol	Ave	0.1516	0.1669	0.0100	11000	10000	10.1	20.0
Terphenyl-d14	QuaF		1.109	0.0100	7610	10000	-23.9*	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150526-27783.b\C16506.D
 Lims ID: ccvis
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 26-May-2015 06:47:30 ALS Bottle#: 2 Worklist Smp#: 2
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027783-002
 Misc. Info.: CCVIS
 Operator ID: Instrument ID: CBNAMS13
 Sublist: chrom-8270LVI_R13*sub15
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150526-27783.b\8270LVI_R13.m
 Limit Group: SV 8270D ICAL
 Last Update: 26-May-2015 12:35:51 Calib Date: 07-May-2015 19:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK027

First Level Reviewer: manlangitf

Date: 26-May-2015 07:34:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	2.669	2.669	0.000	99	551037	10.0	9.59	
2 N-Nitrosodimethylamine	74	2.905	2.905	0.000	81	800534	10.0	9.14	
3 Pyridine	79	2.969	2.969	0.000	84	1353133	10.0	9.23	
\$ 4 2-Fluorophenol	112	4.122	4.122	0.000	95	1350220	10.0	10.2	
\$ 6 Phenol-d5	99	4.981	4.981	0.000	95	1589867	10.0	10.1	
7 Phenol	94	4.993	4.993	0.000	99	1571931	10.0	9.31	
8 Aniline	93	5.063	5.063	0.000	99	2072393	10.0	9.47	
9 Bis(2-chloroethyl)ether	93	5.093	5.093	0.000	94	1275621	10.0	7.82	
125 Benzonitrile	103	5.140	5.140	0.000	98	2389099	NC	NC	
11 n-Decane	43	5.199	5.199	0.000	93	1804264	10.0	8.99	
10 2-Chlorophenol	128	5.199	5.199	0.000	84	1343627	10.0	9.55	
12 1,3-Dichlorobenzene	146	5.357	5.357	0.000	95	1510323	10.0	9.68	
* 13 1,4-Dichlorobenzene-d4	152	5.404	5.404	0.000	96	760440	8.00	8.00	
14 1,4-Dichlorobenzene	146	5.422	5.422	0.000	94	1525325	10.0	9.66	
15 Benzyl alcohol	108	5.504	5.504	0.000	94	748392	10.0	9.46	
16 1,2-Dichlorobenzene	146	5.581	5.581	0.000	96	1417046	10.0	9.70	
17 2-Methylphenol	108	5.599	5.599	0.000	93	1169344	10.0	9.31	
18 2,2'-oxybis[1-chloropropan	45	5.634	5.634	0.000	94	2206486	10.0	8.47	
22 3 & 4 Methylphenol	108	5.746	5.746	0.000	70	1230485	10.0	9.53	
21 4-Methylphenol	108	5.746	5.746	0.000	94	1215794	10.0	9.44	
20 N-Nitrosodi-n-propylamine	70	5.763	5.763	0.000	91	789041	10.0	8.59	
126 N-Methylaniline	106	5.769	5.769	0.000	75	1867662	NC	NC	
19 Acetophenone	105	5.781	5.781	0.000	96	1562825	10.0	8.87	
24 Hexachloroethane	117	5.928	5.928	0.000	90	620243	10.0	9.87	
\$ 25 Nitrobenzene-d5	82	5.946	5.946	0.000	90	1435633	10.0	10.6	
27 n,n'-Dimethylaniline	120	5.963	5.963	0.000	93	1991356	10.0	9.58	
26 Nitrobenzene	77	5.963	5.963	0.000	91	1739718	10.0	10.0	
28 Isophorone	82	6.193	6.193	0.000	99	1824029	10.0	8.69	
30 2,4-Dimethylphenol	122	6.287	6.287	0.000	85	1114664	10.0	9.46	
29 2-Nitrophenol	139	6.287	6.287	0.000	79	642700	10.0	10.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
32 Benzoic acid	122	6.351	6.351	0.000	87	536083	10.0	9.62	M
31 Bis(2-chloroethoxy)methane	93	6.375	6.375	0.000	98	1299917	10.0	9.01	
33 2,4-Dichlorophenol	162	6.528	6.528	0.000	96	932911	10.0	10.2	
34 1,2,4-Trichlorobenzene	180	6.622	6.622	0.000	95	996289	10.0	9.83	
* 35 Naphthalene-d8	136	6.693	6.693	0.000	100	2639786	8.00	8.00	
36 Naphthalene	128	6.716	6.716	0.000	98	3524800	10.0	9.62	
37 4-Chloroaniline	127	6.734	6.734	0.000	96	1825380	10.0	9.32	
38 Hexachlorobutadiene	225	6.828	6.828	0.000	92	523749	10.0	9.98	
40 4-Chloro-3-methylphenol	107	7.198	7.198	0.000	97	822582	10.0	9.45	
41 2-Methylnaphthalene	142	7.410	7.410	0.000	85	2063363	10.0	9.20	
42 1-Methylnaphthalene	142	7.510	7.510	0.000	93	1892335	10.0	9.07	
45 2-tertbutyl-4-methylphenol	149	7.545	7.545	0.000	91	1375618	10.0	9.54	
43 Hexachlorocyclopentadiene	237	7.575	7.575	0.000	95	514916	10.0	11.4	
44 1,2,4,5-Tetrachlorobenzene	216	7.581	7.581	0.000	96	812275	10.0	11.4	
46 2,4,6-Trichlorophenol	196	7.681	7.681	0.000	87	523824	10.0	11.6	
47 2,4,5-Trichlorophenol	196	7.722	7.722	0.000	95	553982	10.0	11.3	
\$ 48 2-Fluorobiphenyl	172	7.757	7.757	0.000	97	2031143	10.0	11.5	
49 1,1'-Biphenyl	154	7.869	7.869	0.000	96	2238149	10.0	11.0	
50 2-Chloronaphthalene	162	7.910	7.910	0.000	97	1771455	10.0	11.1	
53 Phenyl ether	170	7.963	7.963	0.000	86	1157539	10.0	11.3	
54 2-Nitroaniline	65	7.981	7.981	0.000	98	581963	10.0	10.9	
55 1,3-Dimethylnaphthalene	156	8.122	8.122	0.000	92	1412644	10.0	11.1	
56 Dimethyl phthalate	163	8.134	8.134	0.000	99	1467944	10.0	10.0	
58 2,6-Dinitrotoluene	165	8.210	8.210	0.000	79	373839	10.0	11.0	
57 Coumarin	146	8.210	8.210	0.000	67	553565	10.0	8.38	
59 Acenaphthylene	152	8.340	8.340	0.000	97	2446999	10.0	10.5	
60 3-Nitroaniline	138	8.392	8.392	0.000	96	427642	10.0	10.4	
63 3,5-di-tert-butyl-4-hydrox	205	8.434	8.434	0.000	98	1382339	10.0	10.8	
* 61 Acenaphthene-d10	164	8.475	8.475	0.000	98	970622	8.00	8.00	
64 2,4-Dinitrophenol	184	8.492	8.492	0.000	95	458294	20.0	24.5	
62 Acenaphthene	154	8.510	8.510	0.000	94	1739572	10.0	11.2	
65 4-Nitrophenol	65	8.534	8.534	0.000	93	575191	20.0	20.5	
67 2,4-Dinitrotoluene	165	8.622	8.622	0.000	94	450920	10.0	10.7	
66 Dibenzofuran	168	8.681	8.681	0.000	95	2099172	10.0	10.4	
68 2,3,4,6-Tetrachlorophenol	232	8.792	8.792	0.000	89	348233	10.0	10.6	
69 Diethyl phthalate	149	8.834	8.834	0.000	98	1392650	10.0	9.80	
71 4-Chlorophenyl phenyl ethe	204	8.992	8.992	0.000	84	694966	10.0	10.0	
72 4-Nitroaniline	138	9.010	9.010	0.000	91	389149	10.0	10.8	
70 Fluorene	166	9.028	9.028	0.000	96	1587362	10.0	10.2	
73 4,6-Dinitro-2-methylphenol	198	9.045	9.045	0.000	86	498088	20.0	23.5	
74 N-Nitrosodiphenylamine	169	9.104	9.104	0.000	68	1134432	10.0	10.1	
75 1,2-Diphenylhydrazine	77	9.157	9.157	0.000	98	1692686	10.0	9.39	
\$ 76 2,4,6-Tribromophenol	330	9.275	9.275	0.000	93	202484	10.0	11.0	
77 4-Bromophenyl phenyl ether	248	9.492	9.492	0.000	84	374705	10.0	9.58	
78 Hexachlorobenzene	284	9.604	9.604	0.000	99	394716	10.0	9.88	
82 n-Octadecane	57	9.751	9.751	0.000	94	1256229	10.0	8.92	
121 Pentachlorophenol	266	9.781	9.781	0.000	92	494846	20.0	21.0	
81 Pentachloronitrobenzene	237	9.804	9.804	0.000	85	157745	10.0	10.9	
* 83 Phenanthrene-d10	188	9.986	9.986	0.000	99	1274397	8.00	8.00	
84 Phenanthrene	178	10.010	10.010	0.000	98	1876383	10.0	9.60	
85 Anthracene	178	10.063	10.063	0.000	98	1921516	10.0	9.62	
86 Carbazole	167	10.198	10.198	0.000	96	1661404	10.0	10.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Di-n-butyl phthalate	149	10.475	10.475	0.000	100	1894644	10.0	9.79	
88 Fluoranthene	202	11.310	11.310	0.000	97	1523069	10.0	10.8	
122 Benzidine	184	11.404	11.404	0.000	99	908374	10.0	14.2	
123 Bisphenol-A	213	11.551	11.551	0.000	0	515575	10.0	12.4	
90 Pyrene	202	11.598	11.598	0.000	97	1559031	10.0	7.43	
\$ 91 Terphenyl-d14	244	11.722	11.722	0.000	99	1022369	10.0	7.61	
92 Butyl benzyl phthalate	149	12.322	12.322	0.000	98	630849	10.0	8.83	
93 Carbamazepine	193	12.545	12.545	0.000	92	460287	10.0	10.9	
108 2,3,7,8-TCDD	320	12.569	12.569	0.000	86	1361	0.1000	0.0800	
98 Bis(2-ethylhexyl) phthalat	149	13.151	13.151	0.000	90	800267	10.0	10.1	
94 3,3'-Dichlorobenzidine	252	13.175	13.175	0.000	99	408087	10.0	10.4	
95 Benzo[a]anthracene	228	13.263	13.263	0.000	99	1111321	10.0	9.81	
* 96 Chrysene-d12	240	13.286	13.286	0.000	98	737765	8.00	8.00	
97 Chrysene	228	13.327	13.327	0.000	98	1032920	10.0	9.66	
99 Di-n-octyl phthalate	149	14.192	14.192	0.000	97	1321823	10.0	10.4	
100 Benzo[b]fluoranthene	252	14.998	14.998	0.000	97	952204	10.0	10.3	
101 Benzo[k]fluoranthene	252	15.039	15.039	0.000	98	1006904	10.0	9.93	
102 Benzo[a]pyrene	252	15.545	15.545	0.000	95	930170	10.0	10.2	
* 103 Perylene-d12	264	15.639	15.639	0.000	96	661001	8.00	8.00	
104 Indeno[1,2,3-cd]pyrene	276	17.721	17.721	0.000	98	1093713	10.0	9.77	
105 Dibenz(a,h)anthracene	278	17.733	17.733	0.000	94	902254	10.0	9.69	
106 Benzo[g,h,i]perylene	276	18.339	18.339	0.000	95	925579	10.0	9.59	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL6_00023

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150526-27783.b\C16506.D

Injection Date: 26-May-2015 06:47:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: ccvis

Worklist Smp#: 2

Client ID:

Injection Vol: 5.0 ul

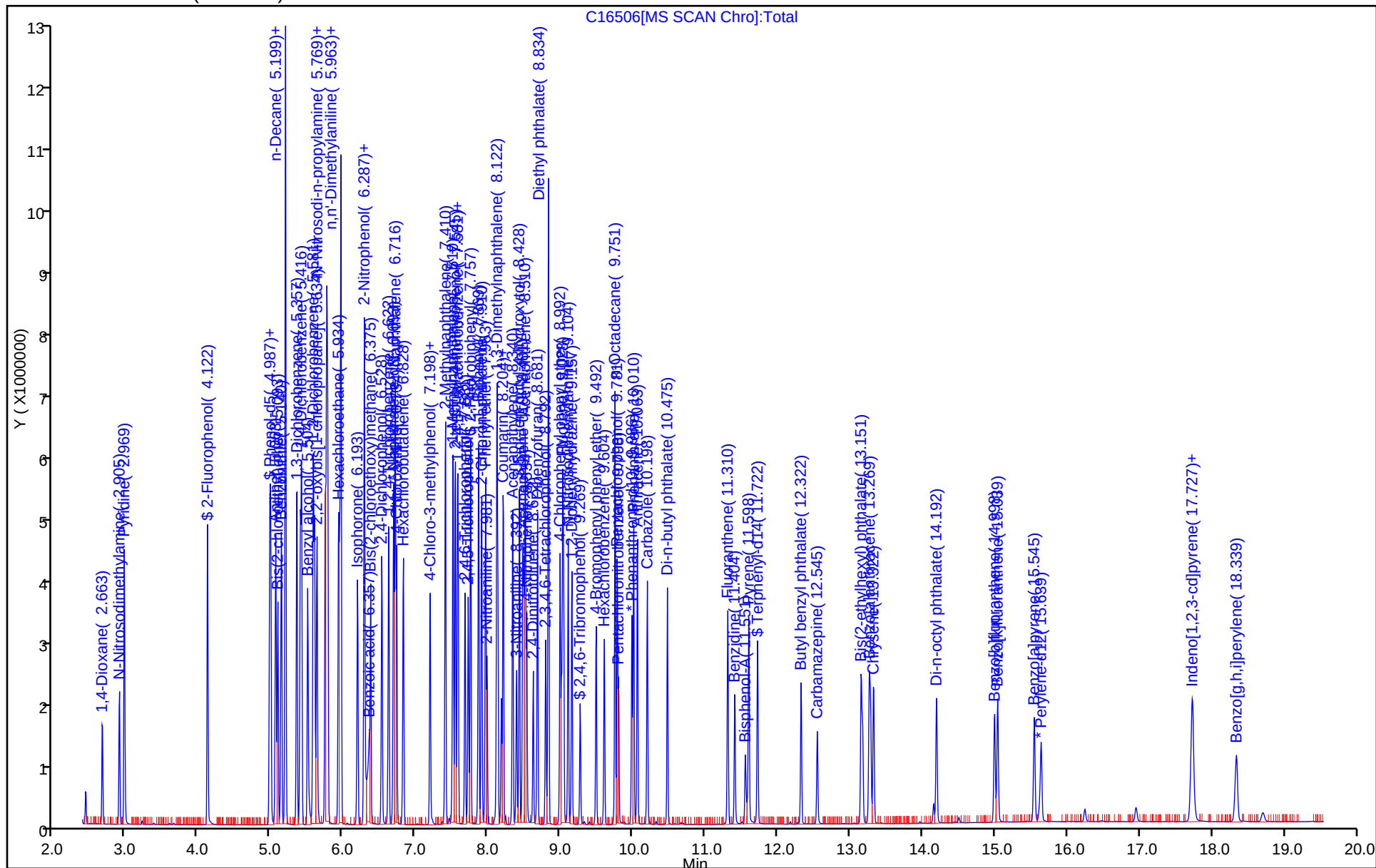
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8270LVI_R13

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150526-27783.b\C16506.D

Injection Date: 26-May-2015 06:47:30

Instrument ID: CBNAMS13

Lims ID: ccvis

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

2

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

Method: 8270LVI_R13

Limit Group: SV 8270D ICAL

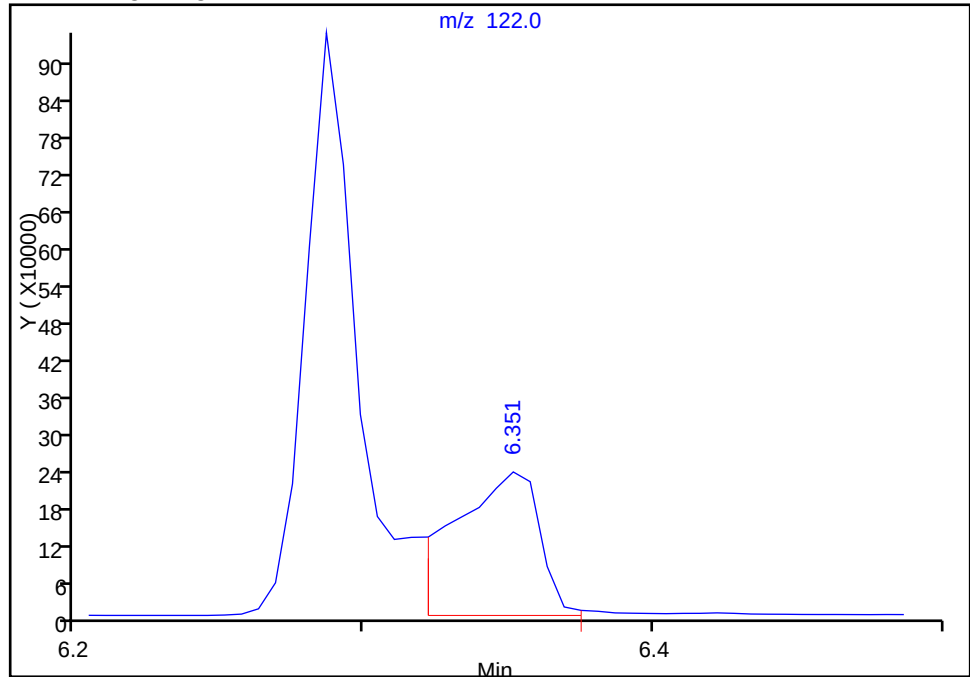
Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

32 Benzoic acid, CAS: 65-85-0

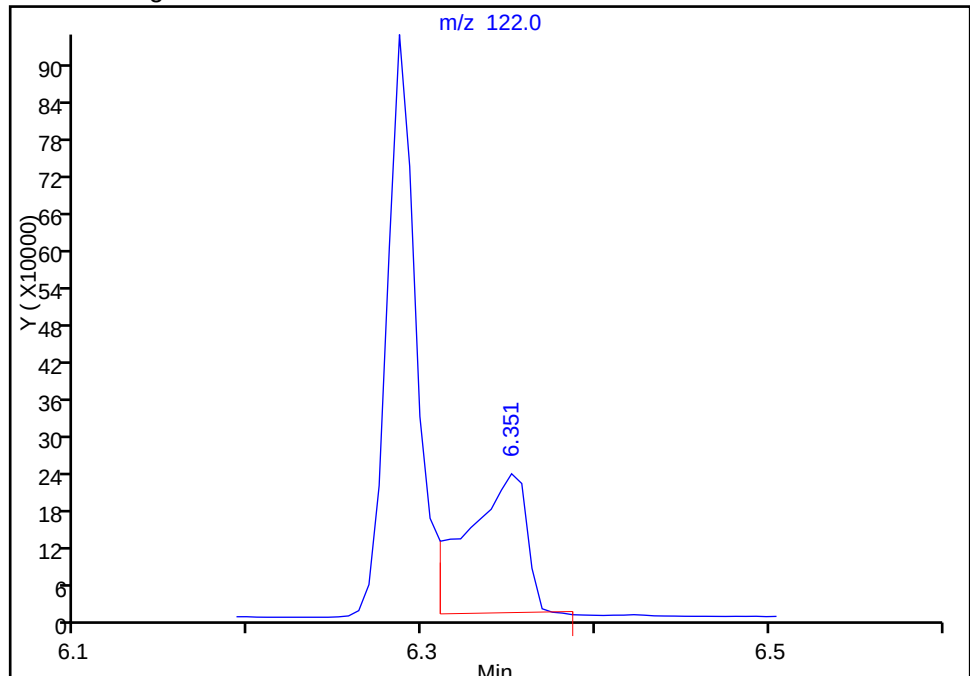
RT: 6.35
Area: 480597
Amount: 7.946744
Amount Units: ug/ml

Processing Integration Results



RT: 6.35
Area: 536083
Amount: 9.619384
Amount Units: ug/ml

Manual Integration Results



Reviewer: manlangitf, 26-May-2015 07:34:29

Audit Action: Assigned New Baseline

Audit Reason: Baseline

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-94855-1
SDG No.: _____
Lab Sample ID: CCV 460-300751/3 Calibration Date: 05/26/2015 07:55
Instrument ID: CBNAMS13 Calib Start Date: 05/07/2015 16:12
GC Column: Rtxi-5Sil MS ID: 0.25 (mm) Calib End Date: 05/07/2015 19:08
Lab File ID: C16507.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	1.169	1.194	0.0100	10200	10000	2.2	20.0
Caprolactam	Ave	0.0778	0.0821	0.0100	10500	10000	5.5	20.0
Atrazine	Ave	0.1786	0.1686	0.0100	9440	10000	-5.6	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150526-27783.b\C16507.D
 Lims ID: ccv
 Client ID:
 Sample Type: CCV
 Inject. Date: 26-May-2015 07:55:30 ALS Bottle#: 3 Worklist Smp#: 3
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027783-003
 Misc. Info.: CCV
 Operator ID: Instrument ID: CBNAMS13
 Sublist: chrom-8270LVI_R13*sub19
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150526-27783.b\8270LVI_R13.m
 Limit Group: SV 8270D ICAL
 Last Update: 26-May-2015 12:35:56 Calib Date: 07-May-2015 19:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK027

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.957	4.957	0.000	95	1377743	10.0	10.2	
* 13 1,4-Dichlorobenzene-d4	152	5.398	5.398	0.000	97	923002	8.00	8.00	
* 35 Naphthalene-d8	136	6.687	6.687	0.000	100	3441320	8.00	8.00	
39 Caprolactam	113	7.051	7.051	0.000	91	352983	10.0	10.5	
* 61 Acenaphthene-d10	164	8.475	8.475	0.000	98	1364484	8.00	8.00	
79 Atrazine	200	9.598	9.598	0.000	89	366636	10.0	9.44	
* 83 Phenanthrene-d10	188	9.980	9.980	0.000	99	1739855	8.00	8.00	
* 96 Chrysene-d12	240	13.280	13.280	0.000	98	593586	8.00	8.00	
* 103 Perylene-d12	264	15.639	15.639	0.000	96	500307	8.00	8.00	

Reagents:

SM_BNAL5B_00009

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150526-27783.b\C16507.D

Injection Date: 26-May-2015 07:55:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: ccv

Worklist Smp#: 3

Client ID:

Injection Vol: 5.0 ul

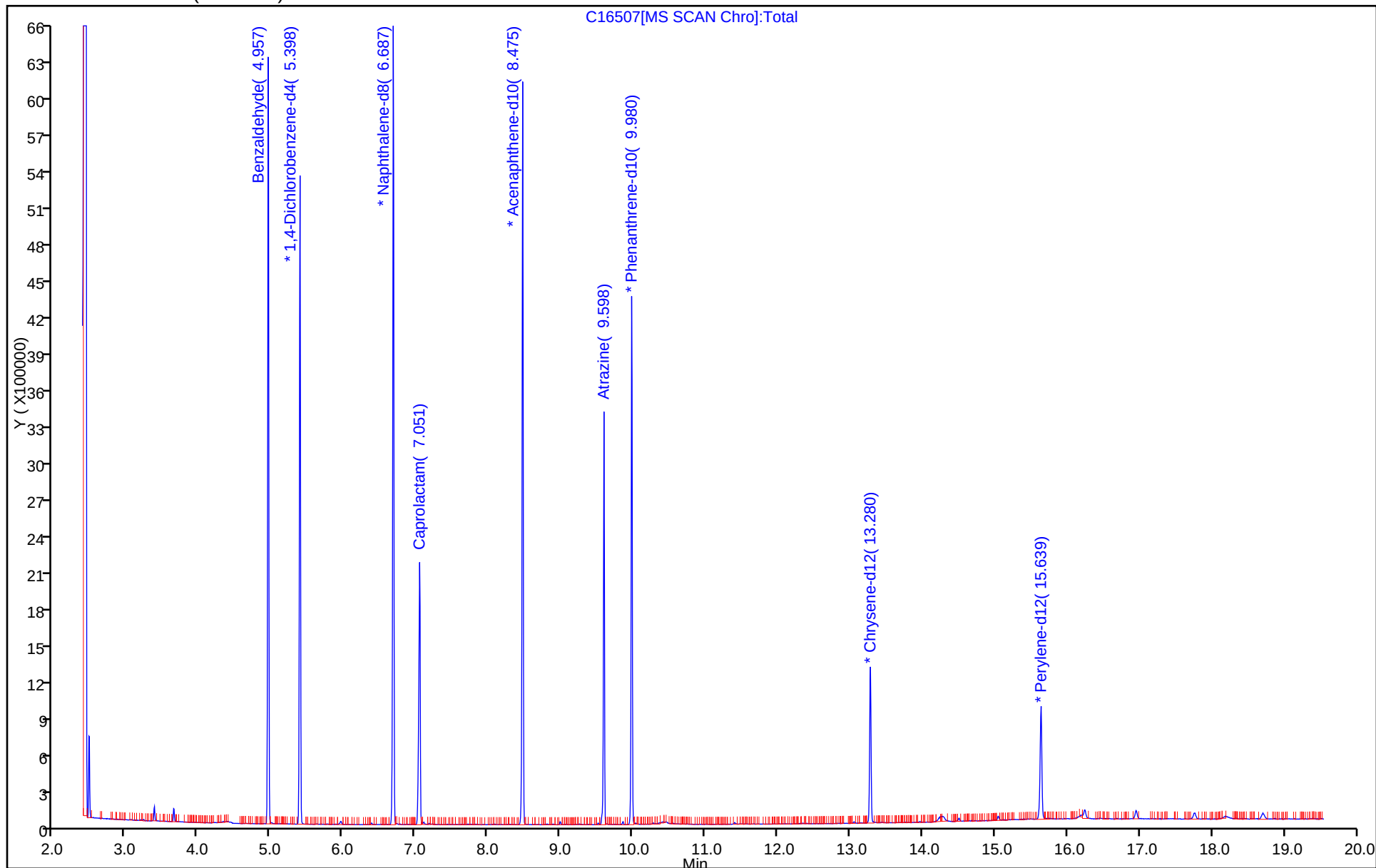
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8270LVI_R13

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Lab Sample ID: CCVIS 460-299934/2 Calibration Date: 05/21/2015 04:01

Instrument ID: CBNAMS14 Calib Start Date: 05/20/2015 18:33

GC Column: Rtxi-5Sil MS ID: 0.25 (mm) Calib End Date: 05/20/2015 21:23

Lab File ID: N6012.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6686	0.6812	0.0100	10200	10000	1.9	20.0
N-Nitrosodimethylamine	Ave	0.8880	0.8685		9780	10000	-2.2	20.0
Pyridine	Ave	1.598	1.616		10100	10000	1.1	20.0
Aniline	Ave	2.160	2.016		9340	10000	-6.6	20.0
Phenol	Ave	1.999	1.885	0.8000	9430	10000	-5.7	20.0
Bis(2-chloroethyl)ether	Ave	1.474	1.371	0.7000	9300	10000	-7.0	20.0
2-Chlorophenol	Ave	1.518	1.453	0.8000	9570	10000	-4.3	20.0
n-Decane	Ave	2.477	2.420	0.0100	9770	10000	-2.3	20.0
1,3-Dichlorobenzene	Ave	1.667	1.634		9800	10000	-2.0	20.0
1,4-Dichlorobenzene	Ave	1.682	1.606		9540	10000	-4.6	20.0
Benzyl alcohol	Ave	0.8247	0.7293	0.0100	8840	10000	-11.6	20.0
1,2-Dichlorobenzene	Ave	1.534	1.480		9650	10000	-3.5	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.897	2.604	0.0100	8990	10000	-10.1	20.0
2-Methylphenol	Ave	1.269	1.133	0.7000	8930	10000	-10.7	20.0
Acetophenone	Ave	1.707	1.467	0.0100	8600	10000	-14.0	20.0
N-Nitrosodi-n-propylamine	Ave	0.8609	0.7125	0.5000	8280	10000	-17.2	20.0
3 & 4 Methylphenol	Ave	1.316	1.163		8840	10000	-11.6	20.0
4-Methylphenol	Ave	1.299	1.152	0.6000	8870	10000	-11.3	20.0
Hexachloroethane	Ave	0.6644	0.6342	0.3000	9550	10000	-4.5	20.0
n,n'-Dimethylaniline	Ave	2.053	1.874	0.0100	9130	10000	-8.7	20.0
Nitrobenzene	Ave	0.5324	0.5106	0.2000	9590	10000	-4.1	20.0
Isophorone	Ave	0.6025	0.5480	0.4000	9100	10000	-9.0	20.0
2-Nitrophenol	Ave	0.1934	0.1861	0.1000	9630	10000	-3.7	20.0
2,4-Dimethylphenol	Ave	0.3186	0.3064	0.2000	9620	10000	-3.8	20.0
Bis(2-chloroethoxy)methane	Ave	0.4118	0.3886	0.3000	9440	10000	-5.6	20.0
Benzoic acid	Lin2		0.1727		9470	10000	-5.3	20.0
2,4-Dichlorophenol	Ave	0.2876	0.2801	0.2000	9740	10000	-2.6	20.0
1,2,4-Trichlorobenzene	Ave	0.3240	0.3208		9900	10000	-1.0	20.0
Naphthalene	Ave	1.111	1.044	0.7000	9400	10000	-6.0	20.0
4-Chloroaniline	Ave	0.4153	0.3855	0.0100	9280	10000	-7.2	20.0
Hexachlorobutadiene	Ave	0.1689	0.1668	0.0100	9870	10000	-1.3	20.0
4-Chloro-3-methylphenol	Ave	0.2515	0.2302		9150	10000	-8.5	20.0
2-Methylnaphthalene	Ave	0.6307	0.5866	0.4000	9300	10000	-7.0	20.0
1-Methylnaphthalene	Ave	0.5833	0.5377	0.0100	9220	10000	-7.8	20.0
Hexachlorocyclopentadiene	Ave	0.3891	0.3899	0.0500	10000	10000	0.2	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6136	0.6853	0.0100	11200	10000	11.7	20.0
2-tertbutyl-4-methylphenol	Ave	0.3829	0.3639	0.0100	9500	10000	-5.0	20.0
2,4,6-Trichlorophenol	Ave	0.3836	0.4209	0.2000	11000	10000	9.7	20.0
2,4,5-Trichlorophenol	Ave	0.3980	0.4255	0.2000	10700	10000	6.9	20.0
1,1'-Biphenyl	Ave	1.740	1.887	0.0100	10800	10000	8.4	20.0
2-Chloronaphthalene	Ave	1.329	1.458	0.8000	11000	10000	9.7	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Lab Sample ID: CCVIS 460-299934/2 Calibration Date: 05/21/2015 04:01

Instrument ID: CBNAMS14 Calib Start Date: 05/20/2015 18:33

GC Column: Rtxi-5Sil MS ID: 0.25 (mm) Calib End Date: 05/20/2015 21:23

Lab File ID: N6012.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenyl ether	Ave	0.8586	0.9568	0.0100	11100	10000	11.4	20.0
2-Nitroaniline	Ave	0.3900	0.4178	0.0100	10700	10000	7.1	20.0
1,3-Dimethylnaphthalene	Ave	1.063	1.192	0.0100	11200	10000	12.1	20.0
Dimethyl phthalate	Ave	1.165	1.253	0.0100	10800	10000	7.5	20.0
Coumarin	Ave	0.1627	0.1562	0.0100	9600	10000	-4.0	20.0
2,6-Dinitrotoluene	Ave	0.2665	0.3036	0.2000	11400	10000	13.9	20.0
Acenaphthylene	Ave	1.865	2.007	0.9000	10800	10000	7.6	20.0
3-Nitroaniline	Ave	0.3196	0.3530	0.0100	11000	10000	10.4	20.0
Acenaphthene	Ave	1.181	1.263	0.9000	10700	10000	6.9	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.026	1.080	0.0100	10500	10000	5.2	20.0
2,4-Dinitrophenol	Qua		0.1774	0.0100	21100	20000	5.5	20.0
Dibenzofuran	Ave	1.617	1.695	0.8000	10500	10000	4.8	20.0
2,4-Dinitrotoluene	Lin2		0.3743	0.2000	12300	10000	22.8*	20.0
4-Nitrophenol	Ave	0.2174	0.2581	0.0100	23700	20000	18.7	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2599	0.2791	0.0100	10700	10000	7.4	20.0
Diethyl phthalate	Ave	1.055	1.160	0.0100	11000	10000	9.9	20.0
Fluorene	Ave	1.216	1.299	0.9000	10700	10000	6.9	20.0
4-Chlorophenyl phenyl ether	Ave	0.5605	0.6130	0.4000	10900	10000	9.4	20.0
4-Nitroaniline	Ave	0.2659	0.3066	0.0100	11500	10000	15.3	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1348	0.1465	0.0100	21700	20000	8.7	20.0
N-Nitrosodiphenylamine	Ave	0.6385	0.6498	0.0100	10200	10000	1.8	20.0
1,2-Diphenylhydrazine	Ave	1.005	0.9468	0.0100	9420	10000	-5.8	20.0
4-Bromophenyl phenyl ether	Ave	0.2235	0.2199	0.1000	9840	10000	-1.6	20.0
Hexachlorobenzene	Ave	0.2503	0.2549	0.1000	10200	10000	1.9	20.0
Pentachloronitrobenzene	Ave	0.0858	0.0884	0.0100	10300	10000	3.1	20.0
Pentachlorophenol	Ave	0.1375	0.1437	0.0500	20900	20000	4.5	20.0
n-Octadecane	Ave	0.8956	0.8275	0.0100	9240	10000	-7.6	20.0
Phenanthrene	Ave	1.205	1.169	0.7000	9700	10000	-3.0	20.0
Anthracene	Ave	1.218	1.155	0.7000	9480	10000	-5.2	20.0
Carbazole	Ave	1.024	1.024	0.0100	10000	10000	0.0	20.0
Di-n-butyl phthalate	Ave	1.158	1.136	0.0100	9810	10000	-1.9	20.0
Fluoranthene	Ave	0.998	1.014	0.6000	10200	10000	1.6	20.0
Benidine	Ave	0.5175	0.6109		11800	10000	18.0	20.0
Pyrene	Ave	1.670	1.406	0.6000	8420	10000	-15.8	20.0
Bisphenol-A	Ave	0.4702	0.4483		9530	10000	-4.7	20.0
Butyl benzyl phthalate	Ave	0.6276	0.5793	0.0100	9230	10000	-7.7	20.0
2,3,7,8-TCDD	Ave	0.1857	0.1790	0.0100	96.4	100	-3.6	20.0
Carbamazepine	Ave	0.4308	0.5112	0.0100	11900	10000	18.7	20.0
3,3'-Dichlorobenzidine	Ave	0.4263	0.4684	0.0100	11000	10000	9.9	20.0
Benzo[a]anthracene	Ave	1.270	1.177	0.8000	9260	10000	-7.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-299934/2 Calibration Date: 05/21/2015 04:01
 Instrument ID: CBNAMS14 Calib Start Date: 05/20/2015 18:33
 GC Column: Rtxi-5Sil MS ID: 0.25 (mm) Calib End Date: 05/20/2015 21:23
 Lab File ID: N6012.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chrysene	Ave	1.223	1.168	0.7000	9550	10000	-4.5	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8302	0.8116	0.0100	9780	10000	-2.2	20.0
Di-n-octyl phthalate	Ave	1.408	1.316	0.0100	9350	10000	-6.5	20.0
Benzo[b]fluoranthene	Ave	1.134	1.117	0.7000	9860	10000	-1.4	20.0
Benzo[k]fluoranthene	Ave	1.243	1.295	0.7000	10400	10000	4.2	20.0
Benzo[a]pyrene	Ave	1.096	1.168	0.7000	10700	10000	6.6	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.9310	1.043	0.5000	11200	10000	12.1	20.0
Dibenz(a,h)anthracene	Ave	0.9871	1.187	0.4000	12000	10000	20.2*	20.0
Benzo[g,h,i]perylene	Ave	1.155	1.267	0.5000	11000	10000	9.7	20.0
2-Fluorophenol (Surr)	Ave	1.468	1.550	0.0100	10600	10000	5.6	20.0
Phenol-d5 (Surr)	Ave	1.741	1.697	0.0100	9750	10000	-2.5	20.0
Nitrobenzene-d5 (Surr)	Ave	0.3905	0.3918	0.0100	10000	10000	0.3	20.0
2-Fluorobiphenyl	Ave	1.535	1.732	0.0100	11300	10000	12.8	20.0
2,4,6-Tribromophenol (Surr)	Ave	0.1558	0.1756	0.0100	11300	10000	12.7	20.0
Terphenyl-d14 (Surr)	Ave	1.090	1.017	0.0100	9330	10000	-6.7	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150521-27631.b\N6012.D
 Lims ID: ccvis
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 21-May-2015 04:01:30 ALS Bottle#: 2 Worklist Smp#: 2
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027631-002
 Misc. Info.: CCVIS
 Operator ID: Instrument ID: CBNAMS14
 Sublist: chrom-8270LVI_14*sub15
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150521-27631.b\8270LVI_14.m
 Limit Group: SV 8270D ICAL
 Last Update: 21-May-2015 15:56:21 Calib Date: 21-May-2015 00:13:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6008.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK034

First Level Reviewer: croccom

Date: 21-May-2015 15:56:21

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.581	1.581	0.000	94	746060	10.0	10.2	
2 N-Nitrosodimethylamine	74	1.752	1.752	0.000	84	951124	10.0	9.78	
3 Pyridine	79	1.775	1.775	0.000	79	1769486	10.0	10.1	
\$ 4 2-Fluorophenol	112	2.693	2.693	0.000	93	1697167	10.0	10.6	
\$ 6 Phenol-d5	99	3.551	3.551	0.000	88	1858297	10.0	9.75	
8 Aniline	93	3.551	3.551	0.000	96	2208131	10.0	9.34	
7 Phenol	94	3.569	3.569	0.000	99	2064188	10.0	9.43	
9 Bis(2-chloroethyl)ether	93	3.622	3.622	0.000	94	1501522	10.0	9.30	
10 Benzonitrile	103	3.640	3.640	0.000	98	2727387	NC	NC	
11 2-Chlorophenol	128	3.675	3.675	0.000	94	1591295	10.0	9.57	
12 n-Decane	43	3.710	3.710	0.000	91	2650428	10.0	9.77	
13 1,3-Dichlorobenzene	146	3.816	3.816	0.000	95	1789596	10.0	9.80	
* 14 1,4-Dichlorobenzene-d4	152	3.875	3.875	0.000	96	876133	8.00	8.00	
15 1,4-Dichlorobenzene	146	3.893	3.893	0.000	94	1758320	10.0	9.54	
16 Benzyl alcohol	108	4.028	4.028	0.000	95	798655	10.0	8.84	
17 1,2-Dichlorobenzene	146	4.040	4.040	0.000	96	1620433	10.0	9.65	
19 2,2'-oxybis[1-chloropropan	45	4.163	4.163	0.000	90	2851318	10.0	8.99	
18 2-Methylphenol	108	4.169	4.169	0.000	81	1241364	10.0	8.93	
20 N-Methylaniline	106	4.287	4.287	0.000	80	2020762	NC	NC	
21 Acetophenone	105	4.293	4.293	0.000	95	1606970	10.0	8.60	
22 N-Nitrosodi-n-propylamine	70	4.298	4.298	0.000	93	780313	10.0	8.28	
23 3 & 4 Methylphenol	108	4.328	4.328	0.000	68	1273559	10.0	8.84	
24 4-Methylphenol	108	4.328	4.328	0.000	95	1261775	10.0	8.87	
25 Hexachloroethane	117	4.381	4.381	0.000	96	694586	10.0	9.55	
\$ 27 Nitrobenzene-d5	82	4.446	4.446	0.000	91	1384751	10.0	10.0	
29 n,n'-Dimethylaniline	120	4.463	4.463	0.000	87	2052394	10.0	9.13	
28 Nitrobenzene	77	4.463	4.463	0.000	82	1804490	10.0	9.59	
30 Isophorone	82	4.704	4.704	0.000	99	1936774	10.0	9.10	
32 2-Nitrophenol	139	4.787	4.787	0.000	93	657912	10.0	9.63	
33 2,4-Dimethylphenol	122	4.857	4.857	0.000	92	1083014	10.0	9.62	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	4.940	4.940	0.000	96	1373352	10.0	9.44	
35 Benzoic acid	122	4.987	4.987	0.000	92	610224	10.0	9.47	
36 2,4-Dichlorophenol	162	5.051	5.051	0.000	96	990097	10.0	9.74	
37 1,2,4-Trichlorobenzene	180	5.110	5.110	0.000	94	1133994	10.0	9.90	
* 38 Naphthalene-d8	136	5.163	5.163	0.000	99	2827543	8.00	8.00	
39 Naphthalene	128	5.187	5.187	0.000	99	3690945	10.0	9.40	
40 4-Chloroaniline	127	5.257	5.257	0.000	96	1362466	10.0	9.28	
41 Hexachlorobutadiene	225	5.310	5.310	0.000	95	589383	10.0	9.87	
43 4-Chloro-3-methylphenol	107	5.781	5.781	0.000	98	813677	10.0	9.15	
44 2-Methylnaphthalene	142	5.887	5.887	0.000	86	2073193	10.0	9.30	
45 1-Methylnaphthalene	142	5.981	5.981	0.000	94	1900336	10.0	9.22	
46 Hexachlorocyclopentadiene	237	6.040	6.040	0.000	95	475951	10.0	10.0	
47 1,2,4,5-Tetrachlorobenzene	216	6.051	6.051	0.000	96	836422	10.0	11.2	
48 2-tertbutyl-4-methylphenol	149	6.116	6.116	0.000	91	1286256	10.0	9.50	
49 2,4,6-Trichlorophenol	196	6.181	6.181	0.000	88	513704	10.0	11.0	
50 2,4,5-Trichlorophenol	196	6.234	6.234	0.000	95	519316	10.0	10.7	
\$ 51 2-Fluorobiphenyl	172	6.263	6.263	0.000	98	2114425	10.0	11.3	
52 1,1'-Biphenyl	154	6.357	6.357	0.000	95	2303295	10.0	10.8	
53 2-Chloronaphthalene	162	6.369	6.369	0.000	97	1779009	10.0	11.0	
54 Phenyl ether	170	6.469	6.469	0.000	88	1167791	10.0	11.1	
55 2-Nitroaniline	65	6.492	6.492	0.000	98	510001	10.0	10.7	
57 1,3-Dimethylnaphthalene	156	6.587	6.587	0.000	94	1455226	10.0	11.2	
59 Dimethyl phthalate	163	6.681	6.681	0.000	99	1529798	10.0	10.8	
60 Coumarin	146	6.687	6.687	0.000	81	552193	10.0	9.60	
61 2,6-Dinitrotoluene	165	6.734	6.734	0.000	95	370520	10.0	11.4	
62 Acenaphthylene	152	6.781	6.781	0.000	98	2449827	10.0	10.8	
63 3-Nitroaniline	138	6.904	6.904	0.000	95	430873	10.0	11.0	
* 64 Acenaphthene-d10	164	6.922	6.922	0.000	96	976457	8.00	8.00	
66 Acenaphthene	154	6.951	6.951	0.000	94	1541194	10.0	10.7	
65 3,5-di-tert-butyl-4-hydrox	205	6.957	6.957	0.000	99	1317804	10.0	10.5	
67 2,4-Dinitrophenol	184	7.004	7.004	0.000	95	432951	20.0	21.1	
70 Dibenzofuran	168	7.122	7.122	0.000	98	2069103	10.0	10.5	
69 2,4-Dinitrotoluene	165	7.128	7.128	0.000	93	456813	10.0	12.3	
68 4-Nitrophenol	65	7.134	7.134	0.000	93	630038	20.0	23.7	
72 2,3,4,6-Tetrachlorophenol	232	7.257	7.257	0.000	91	340639	10.0	10.7	
73 Diethyl phthalate	149	7.381	7.381	0.000	98	1416101	10.0	11.0	
75 Fluorene	166	7.463	7.463	0.000	96	1585899	10.0	10.7	
74 4-Chlorophenyl phenyl ethe	204	7.475	7.475	0.000	87	748196	10.0	10.9	
76 4-Nitroaniline	138	7.504	7.504	0.000	94	374247	10.0	11.5	
77 4,6-Dinitro-2-methylphenol	198	7.528	7.528	0.000	86	517560	20.0	21.7	
78 N-Nitrosodiphenylamine	169	7.592	7.592	0.000	69	1147455	10.0	10.2	
79 1,2-Diphenylhydrazine	77	7.628	7.628	0.000	99	1671988	10.0	9.42	
\$ 80 2,4,6-Tribromophenol	330	7.704	7.704	0.000	94	214323	10.0	11.3	
81 4-Bromophenyl phenyl ether	248	7.951	7.951	0.000	86	388379	10.0	9.84	
82 Hexachlorobenzene	284	7.992	7.992	0.000	97	450216	10.0	10.2	
84 Pentachlorophenol	266	8.204	8.204	0.000	91	507461	20.0	20.9	
85 Pentachloronitrobenzene	237	8.204	8.204	0.000	56	156109	10.0	10.3	
86 n-Octadecane	57	8.298	8.298	0.000	89	1461322	10.0	9.24	
* 87 Phenanthrene-d10	188	8.381	8.381	0.000	99	1412780	8.00	8.00	
88 Phenanthrene	178	8.404	8.404	0.000	97	2063977	10.0	9.70	
89 Anthracene	178	8.451	8.451	0.000	98	2040342	10.0	9.48	
90 Carbazole	167	8.628	8.628	0.000	95	1809175	10.0	10.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
91 Di-n-butyl phthalate	149	8.981	8.981	0.000	100	2006929	10.0	9.81	
92 Fluoranthene	202	9.569	9.569	0.000	98	1790973	10.0	10.2	
93 Benzidine	184	9.722	9.722	0.000	100	1078740	10.0	11.8	
94 Pyrene	202	9.786	9.786	0.000	97	1857454	10.0	8.42	
95 Bisphenol-A	213	9.880	9.880	0.000	0	592412	10.0	9.53	
\$ 96 Terphenyl-d14	244	9.957	9.957	0.000	99	1343516	10.0	9.33	
97 Butyl benzyl phthalate	149	10.469	10.469	0.000	98	765595	10.0	9.23	
98 2,3,7,8-TCDD	320	10.539	10.539	0.000	75	2366	0.1000	0.0964	
99 Carbamazepine	193	10.575	10.575	0.000	93	675552	10.0	11.9	
100 3,3'-Dichlorobenzidine	252	11.045	11.045	0.000	99	619019	10.0	11.0	
101 Benzo[a]anthracene	228	11.051	11.051	0.000	99	1555384	10.0	9.26	
* 102 Chrysene-d12	240	11.063	11.063	0.000	99	1057229	8.00	8.00	
104 Chrysene	228	11.092	11.092	0.000	99	1544033	10.0	9.55	
103 Bis(2-ethylhexyl) phthalat	149	11.122	11.122	0.000	91	1072533	10.0	9.78	
105 Di-n-octyl phthalate	149	11.939	11.939	0.000	97	1775931	10.0	9.35	
106 Benzo[b]fluoranthene	252	12.380	12.380	0.000	99	1507532	10.0	9.86	
107 Benzo[k]fluoranthene	252	12.416	12.416	0.000	99	1747253	10.0	10.4	
108 Benzo[a]pyrene	252	12.804	12.804	0.000	97	1576345	10.0	10.7	
* 109 Perylene-d12	264	12.880	12.880	0.000	97	1079328	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.274	14.274	0.000	99	1407468	10.0	11.2	
111 Dibenz(a,h)anthracene	278	14.310	14.310	0.000	96	1601218	10.0	12.0	
112 Benzo[g,h,i]perylene	276	14.615	14.615	0.000	97	1709943	10.0	11.0	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_BNAL6_00023

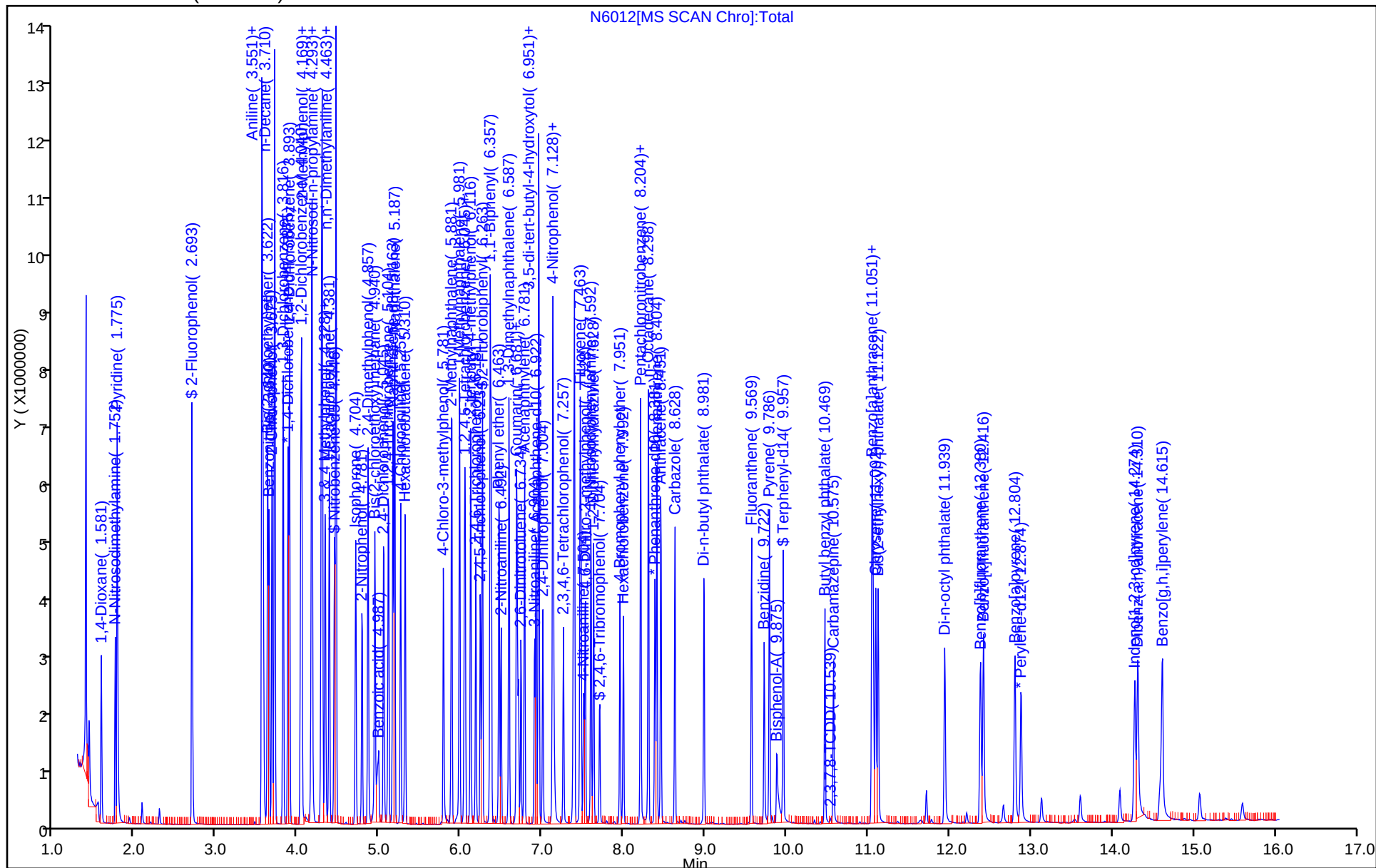
Amount Added: 1.00

Units: mL

Chrom Revision: 2.2 14-May-2015 11:41:56

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS14\20150521-27631.b\N6012.D		
Injection Date:	21-May-2015 04:01:30	Instrument ID:	CBNAMS14
Lims ID:	ccvis		
Client ID:			
Injection Vol:	5.0 ul	Dil. Factor:	1.0000
Method:	8270LVI_14	Limit Group:	SV 8270D ICAL
Column:	Rtxi-5Sil MS (0.25 mm)		

Operator ID:
Worklist Smp#: 2
ALS Bottle#: 2



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-94855-1
SDG No.: _____
Lab Sample ID: CCV 460-299934/3 Calibration Date: 05/21/2015 04:25
Instrument ID: CBNAMS14 Calib Start Date: 05/20/2015 21:47
GC Column: Rtxi-5Sil MS ID: 0.25 (mm) Calib End Date: 05/21/2015 00:13
Lab File ID: N6013.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	1.176	1.209	0.0100	10300	10000	2.7	20.0
Caprolactam	Ave	0.0608	0.0722	0.0100	11900	10000	18.8	20.0
Atrazine	Ave	0.1682	0.1911	0.0100	11400	10000	13.6	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150521-27631.b\N6013.D
 Lims ID: ccv
 Client ID:
 Sample Type: CCV
 Inject. Date: 21-May-2015 04:25:30 ALS Bottle#: 3 Worklist Smp#: 3
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027631-003
 Operator ID: Instrument ID: CBNAMS14
 Sublist: chrom-8270LVI_14*sub19
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150521-27631.b\8270LVI_14.m
 Limit Group: SV 8270D ICAL
 Last Update: 21-May-2015 15:26:22 Calib Date: 21-May-2015 00:13:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6008.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK024

First Level Reviewer: sangfaib

Date: 21-May-2015 22:03:12

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.445	3.445	0.000	94	1236890	10.0	10.3	
* 14 1,4-Dichlorobenzene-d4	152	3.869	3.869	0.000	98	818662	8.00	8.00	
* 38 Naphthalene-d8	136	5.157	5.157	0.000	99	2832060	8.00	8.00	
42 Caprolactam	113	5.587	5.587	0.000	87	255506	10.0	11.9	
* 64 Acenaphthene-d10	164	6.916	6.916	0.000	97	979910	8.00	8.00	
83 Atrazine	200	8.133	8.133	0.000	90	346019	10.0	11.4	
* 87 Phenanthrene-d10	188	8.380	8.380	0.000	99	1448718	8.00	8.00	
* 102 Chrysene-d12	240	11.057	11.057	0.000	98	972821	8.00	8.00	
* 109 Perylene-d12	264	12.874	12.874	0.000	97	866134	8.00	8.00	

Reagents:

SM_BNAL5B_00009

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150521-27631.b\N6013.D

Injection Date: 21-May-2015 04:25:30

Instrument ID: CBNAMS14

Operator ID:

Lims ID: ccv

Worklist Smp#: 3

Client ID:

Injection Vol: 5.0 ul

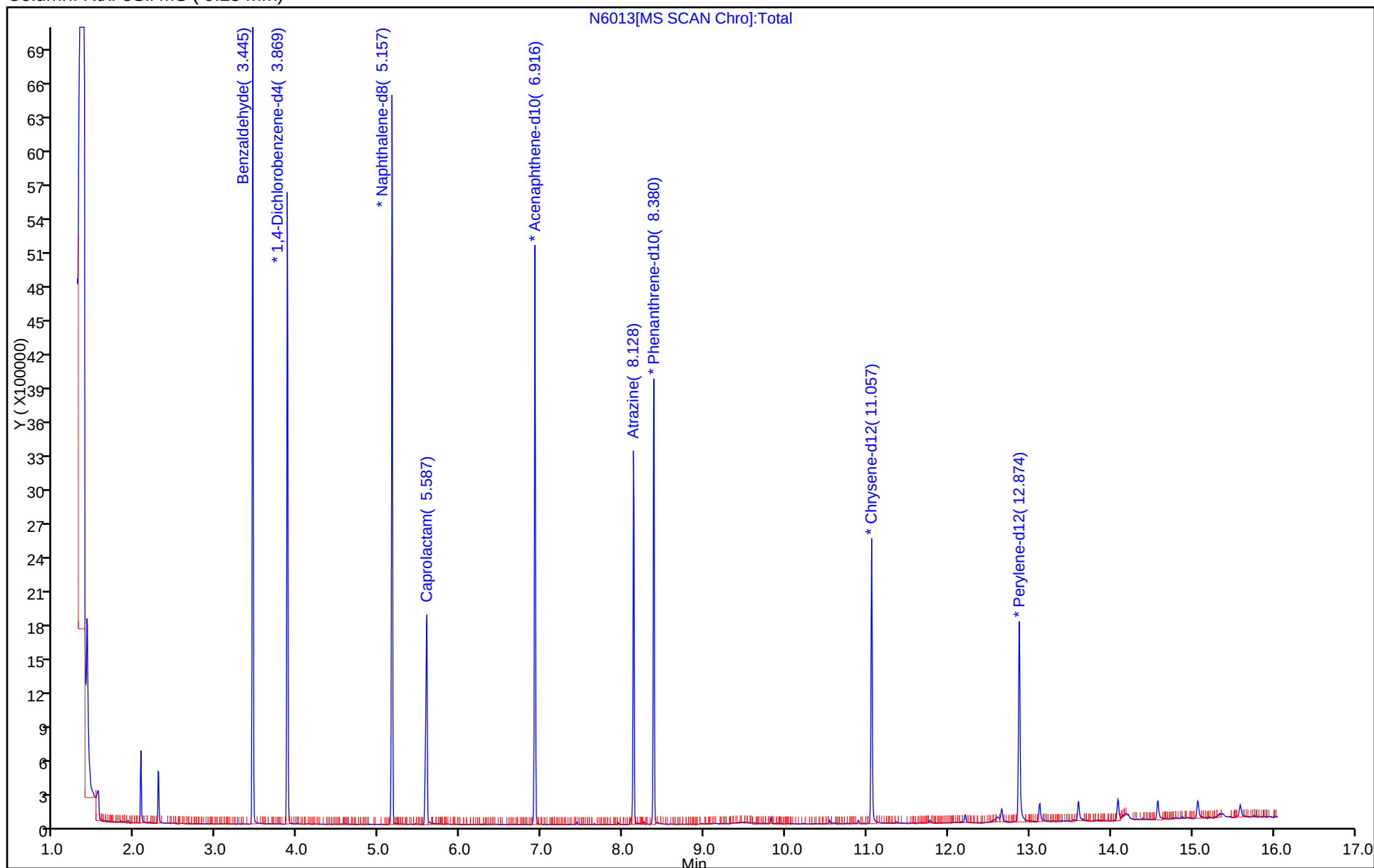
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8270LVI_14

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Lab Sample ID: CCVIS 460-300699/2 Calibration Date: 05/24/2015 20:08

Instrument ID: CBNAMS6 Calib Start Date: 05/23/2015 15:21

GC Column: Rtxi-5Sil MS ID: 0.25 (mm) Calib End Date: 05/23/2015 17:59

Lab File ID: M93135.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5639	0.4932	0.0100	8750	10000	-12.5	20.0
N-Nitrosodimethylamine	Ave	0.9628	0.9247		9600	10000	-4.0	20.0
Pyridine	Ave	1.314	1.320		10000	10000	0.5	20.0
Phenol	Ave	1.736	1.748	0.8000	10100	10000	0.7	20.0
Aniline	Ave	2.034	2.017		9910	10000	-0.9	20.0
Bis(2-chloroethyl)ether	Ave	1.395	1.273	0.7000	9120	10000	-8.8	20.0
2-Chlorophenol	Ave	1.126	1.103	0.8000	9790	10000	-2.1	20.0
n-Decane	Ave	1.891	1.680	0.0100	8890	10000	-11.1	20.0
1,3-Dichlorobenzene	Ave	1.441	1.430		9930	10000	-0.7	20.0
1,4-Dichlorobenzene	Ave	1.512	1.338		8850	10000	-11.5	20.0
Benzyl alcohol	Ave	0.7151	0.7735	0.0100	10800	10000	8.2	20.0
1,2-Dichlorobenzene	Ave	1.408	1.327		9430	10000	-5.7	20.0
2-Methylphenol	Ave	1.035	1.050	0.7000	10100	10000	1.5	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.573	2.495	0.0100	9700	10000	-3.0	20.0
Acetophenone	Ave	2.211	2.224	0.0100	10100	10000	0.6	20.0
N-Nitrosodi-n-propylamine	Ave	1.526	1.539	0.5000	10100	10000	0.8	20.0
3 & 4 Methylphenol	Ave	1.248	1.193		9560	10000	-4.4	20.0
4-Methylphenol	Ave	1.200	1.167	0.6000	9730	10000	-2.7	20.0
Hexachloroethane	Ave	0.8127	0.7480	0.3000	9200	10000	-8.0	20.0
n,n'-Dimethylaniline	Ave	1.779	1.873	0.0100	10500	10000	5.3	20.0
Nitrobenzene	Ave	0.9906	0.998	0.2000	10100	10000	0.7	20.0
Isophorone	Ave	1.155	1.182	0.4000	10200	10000	2.4	20.0
2-Nitrophenol	Ave	0.2368	0.2378	0.1000	10000	10000	0.4	20.0
2,4-Dimethylphenol	Ave	0.3151	0.3170	0.2000	10100	10000	0.6	20.0
Bis(2-chloroethoxy)methane	Ave	0.5016	0.5004	0.3000	9970	10000	-0.3	20.0
Benzoic acid	Ave	0.2083	0.2101		10100	10000	0.9	20.0
2,4-Dichlorophenol	Ave	0.4168	0.4091	0.2000	9810	10000	-1.9	20.0
1,2,4-Trichlorobenzene	Ave	0.5459	0.5161		9450	10000	-5.5	20.0
Naphthalene	Ave	0.9577	0.9145	0.7000	9550	10000	-4.5	20.0
4-Chloroaniline	Ave	0.4210	0.4198	0.0100	9970	10000	-0.3	20.0
Hexachlorobutadiene	Ave	0.4467	0.4076	0.0100	9120	10000	-8.8	20.0
4-Chloro-3-methylphenol	Ave	0.4457	0.4495		10100	10000	0.9	20.0
2-Methylnaphthalene	Ave	0.7620	0.7265	0.4000	9540	10000	-4.6	20.0
1-Methylnaphthalene	Ave	0.7097	0.6457	0.0100	9100	10000	-9.0	20.0
Hexachlorocyclopentadiene	Ave	0.5682	0.6498	0.0500	11400	10000	14.4	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.9394	0.9515	0.0100	10100	10000	1.3	20.0
2-tertbutyl-4-methylphenol	Ave	0.6724	0.6811	0.0100	10100	10000	1.3	20.0
2,4,6-Trichlorophenol	Ave	0.5363	0.5703	0.2000	10600	10000	6.3	20.0
2,4,5-Trichlorophenol	Ave	0.5691	0.5965	0.2000	10500	10000	4.8	20.0
1,1'-Biphenyl	Ave	1.372	1.443	0.0100	10500	10000	5.2	20.0
2-Chloronaphthalene	Ave	1.146	1.191	0.8000	10400	10000	3.9	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Lab Sample ID: CCVIS 460-300699/2 Calibration Date: 05/24/2015 20:08

Instrument ID: CBNAMS6 Calib Start Date: 05/23/2015 15:21

GC Column: Rtxi-5Sil MS ID: 0.25 (mm) Calib End Date: 05/23/2015 17:59

Lab File ID: M93135.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenyl ether	Ave	0.8358	0.9014	0.0100	10800	10000	7.8	20.0
2-Nitroaniline	Ave	0.7306	0.8204	0.0100	11200	10000	12.3	20.0
1,3-Dimethylnaphthalene	Ave	0.9029	1.002	0.0100	11100	10000	11.0	20.0
Dimethyl phthalate	Ave	1.508	1.615	0.0100	10700	10000	7.0	20.0
Coumarin	Ave	0.2641	0.2829	0.0100	10700	10000	7.1	20.0
2,6-Dinitrotoluene	Ave	0.3582	0.3934	0.2000	11000	10000	9.8	20.0
Acenaphthylene	Ave	1.533	1.609	0.9000	10500	10000	5.0	20.0
3-Nitroaniline	Ave	0.2724	0.3123	0.0100	11500	10000	14.6	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.312	1.450	0.0100	11100	10000	10.6	20.0
Acenaphthene	Ave	1.109	1.220	0.9000	11000	10000	10.0	20.0
2,4-Dinitrophenol	Ave	0.2658	0.3144	0.0100	23700	20000	18.3	20.0
4-Nitrophenol	Ave	0.4344	0.4898	0.0100	22600	20000	12.8	20.0
2,4-Dinitrotoluene	Ave	0.4793	0.5602	0.2000	11700	10000	16.9	20.0
Dibenzofuran	Ave	1.651	1.730	0.8000	10500	10000	4.7	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.5285	0.5672	0.0100	10700	10000	7.3	20.0
Diethyl phthalate	Ave	1.528	1.706	0.0100	11200	10000	11.7	20.0
4-Chlorophenyl phenyl ether	Ave	0.8415	0.8791	0.4000	10400	10000	4.5	20.0
Fluorene	Ave	1.336	1.441	0.9000	10800	10000	7.9	20.0
4-Nitroaniline	Ave	0.2489	0.2787	0.0100	11200	10000	12.0	20.0
4,6-Dinitro-2-methylphenol	Lin2		0.2153	0.0100	20500	20000	2.5	20.0
N-Nitrosodiphenylamine	Ave	0.5209	0.5483	0.0100	10500	10000	5.3	20.0
1,2-Diphenylhydrazine	Ave	0.996	0.9203	0.0100	9240	10000	-7.6	20.0
4-Bromophenyl phenyl ether	Ave	0.3243	0.3396	0.1000	10500	10000	4.7	20.0
Hexachlorobenzene	Ave	0.4067	0.3821	0.1000	9390	10000	-6.1	20.0
Pentachlorophenol	Ave	0.2744	0.2675	0.0500	19500	20000	-2.5	20.0
Pentachloronitrobenzene	Ave	0.1789	0.1895	0.0100	10600	10000	5.9	20.0
n-Octadecane	Ave	0.5623	0.5097	0.0100	9070	10000	-9.3	20.0
Phenanthrene	Ave	1.045	1.010	0.7000	9660	10000	-3.4	20.0
Anthracene	Ave	1.082	1.039	0.7000	9610	10000	-3.9	20.0
Carbazole	Ave	0.8799	0.8686	0.0100	9870	10000	-1.3	20.0
Di-n-butyl phthalate	Ave	1.272	1.228	0.0100	9650	10000	-3.5	20.0
Fluoranthene	Ave	1.175	1.111	0.6000	9460	10000	-5.4	20.0
Benzidine	Ave	0.5634	0.6016		10700	10000	6.8	20.0
Pyrene	Ave	1.313	1.292	0.6000	9840	10000	-1.6	20.0
Bisphenol-A	Ave	0.4888	0.6283		12900	10000	28.5*	20.0
Butyl benzyl phthalate	Ave	0.5863	0.5871	0.0100	10000	10000	0.1	20.0
2,3,7,8-TCDD	Ave	0.1570	0.2332	0.0100	149	100	48.5*	20.0
Carbamazepine	Ave	0.4785	0.4642	0.0100	9700	10000	-3.0	20.0
3,3'-Dichlorobenzidine	Ave	0.4745	0.4922	0.0100	10400	10000	3.7	20.0
Benzo[a]anthracene	Ave	1.193	1.169	0.8000	9800	10000	-2.0	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-300699/2 Calibration Date: 05/24/2015 20:08
 Instrument ID: CBNAMS6 Calib Start Date: 05/23/2015 15:21
 GC Column: Rtxi-5Sil MS ID: 0.25 (mm) Calib End Date: 05/23/2015 17:59
 Lab File ID: M93135.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bis(2-ethylhexyl) phthalate	Ave	0.7856	0.7944	0.0100	10100	10000	1.1	20.0
Chrysene	Ave	1.081	1.076	0.7000	9950	10000	-0.5	20.0
Di-n-octyl phthalate	Ave	1.272	1.274	0.0100	10000	10000	0.2	20.0
Benzo[b]fluoranthene	Ave	1.111	1.122	0.7000	10100	10000	1.0	20.0
Benzo[k]fluoranthene	Ave	1.168	1.117	0.7000	9570	10000	-4.3	20.0
Benzo[a]pyrene	Ave	1.028	1.013	0.7000	9850	10000	-1.5	20.0
Indeno[1,2,3-cd]pyrene	QuaF		1.024	0.5000	9900	10000	-1.0	20.0
Dibenz(a,h)anthracene	Ave	0.9791	1.012	0.4000	10300	10000	3.3	20.0
Benzo[g,h,i]perylene	Ave	1.057	1.032	0.5000	9760	10000	-2.4	20.0
2-Fluorophenol	Ave	1.110	1.112	0.0100	10000	10000	0.2	20.0
Phenol-d5	Ave	1.596	1.658	0.0100	10400	10000	3.9	20.0
Nitrobenzene-d5	Ave	0.7347	0.7384	0.0100	10100	10000	0.5	20.0
2-Fluorobiphenyl	Ave	1.551	1.656	0.0100	10700	10000	6.8	20.0
2,4,6-Tribromophenol	Ave	0.4621	0.5032	0.0100	10900	10000	8.9	20.0
Terphenyl-d14	Ave	1.103	1.151	0.0100	10400	10000	4.3	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150524-27775.b\M93135.D
 Lims ID: ccvis
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 24-May-2015 20:08:30 ALS Bottle#: 2 Worklist Smp#: 2
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027775-002
 Operator ID: Instrument ID: CBNAMS6
 Sublist: chrom-8270LVI_R6*sub19
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150524-27775.b\8270LVI_R6.m
 Limit Group: SV 8270D ICAL
 Last Update: 25-May-2015 19:39:20 Calib Date: 23-May-2015 20:34:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93102.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK019

First Level Reviewer: asfawa

Date: 24-May-2015 20:54:40

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.648	1.648	0.000	87	360151	10.0	8.75	
2 N-Nitrosodimethylamine	74	1.879	1.879	0.000	55	675243	10.0	9.60	
3 Pyridine	79	1.909	1.909	0.000	71	964224	10.0	10.0	
\$ 4 2-Fluorophenol	112	3.032	3.032	0.000	70	812128	10.0	10.0	
\$ 6 Phenol-d5	99	3.961	3.961	0.000	72	1210531	10.0	10.4	
7 Phenol	94	3.976	3.976	0.000	62	1276494	10.0	10.1	
8 Aniline	93	3.984	3.984	0.000	90	1472699	10.0	9.91	
9 Bis(2-chloroethyl)ether	93	4.051	4.051	0.000	83	929834	10.0	9.12	
10 Benzonitrile	103	4.066	4.066	0.000	85	1756158	NC	NC	
11 2-Chlorophenol	128	4.110	4.110	0.000	72	805145	10.0	9.79	
12 n-Decane	43	4.161	4.161	0.000	85	1227063	10.0	8.89	
13 1,3-Dichlorobenzene	146	4.256	4.256	0.000	81	1044379	10.0	9.93	
* 14 1,4-Dichlorobenzene-d4	152	4.309	4.309	0.000	91	584205	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.324	4.324	0.000	79	976904	10.0	8.85	
17 Benzyl alcohol	108	4.457	4.457	0.000	77	564881	10.0	10.8	
18 1,2-Dichlorobenzene	146	4.479	4.479	0.000	84	969264	10.0	9.43	
19 2-Methylphenol	108	4.584	4.584	0.000	65	766823	10.0	10.1	
20 2,2'-oxybis[1-chloropropan	45	4.592	4.592	0.000	79	1822070	10.0	9.70	
23 N-Methylaniline	106	4.711	4.711	0.000	72	1489576	NC	NC	
24 Acetophenone	105	4.726	4.726	0.000	93	1623801	10.0	10.1	
25 N-Nitrosodi-n-propylamine	70	4.734	4.734	0.000	95	1123507	10.0	10.1	
21 4-Methylphenol	108	4.741	4.741	0.000	81	852423	10.0	9.73	
26 3 & 4 Methylphenol	108	4.741	4.741	0.000	69	871245	10.0	9.56	
27 Hexachloroethane	117	4.824	4.824	0.000	85	546230	10.0	9.20	
\$ 28 Nitrobenzene-d5	82	4.876	4.876	0.000	97	1656626	10.0	10.1	
29 Nitrobenzene	77	4.898	4.898	0.000	78	2239031	10.0	10.1	
30 n,n'-Dimethylaniline	120	4.898	4.898	0.000	76	1367694	10.0	10.5	
31 Isophorone	82	5.138	5.138	0.000	93	2652669	10.0	10.2	
32 2-Nitrophenol	139	5.212	5.212	0.000	47	533415	10.0	10.0	
33 2,4-Dimethylphenol	122	5.271	5.271	0.000	73	711104	10.0	10.1	
34 Bis(2-chloroethoxy)methane	93	5.361	5.361	0.000	89	1122521	10.0	9.97	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.436	5.436	0.000	87	471440	10.0	10.1	M
36 2,4-Dichlorophenol	162	5.466	5.466	0.000	82	917799	10.0	9.81	
37 1,2,4-Trichlorobenzene	180	5.540	5.540	0.000	90	1157865	10.0	9.45	
* 38 Naphthalene-d8	136	5.598	5.598	0.000	97	1794769	8.00	8.00	
39 Naphthalene	128	5.621	5.621	0.000	95	2051704	10.0	9.55	
40 4-Chloroaniline	127	5.673	5.673	0.000	84	941872	10.0	9.97	
41 Hexachlorobutadiene	225	5.754	5.754	0.000	92	914380	10.0	9.12	
44 4-Chloro-3-methylphenol	107	6.180	6.180	0.000	85	1008421	10.0	10.1	
45 2-Methylnaphthalene	142	6.314	6.314	0.000	76	1629948	10.0	9.54	
46 1-Methylnaphthalene	142	6.412	6.412	0.000	85	1448513	10.0	9.10	
47 Hexachlorocyclopentadiene	237	6.479	6.479	0.000	94	942155	10.0	11.4	
48 1,2,4,5-Tetrachlorobenzene	216	6.487	6.487	0.000	94	1379582	10.0	10.1	
49 2-tertbutyl-4-methylphenol	149	6.532	6.532	0.000	84	1528092	10.0	10.1	
50 2,4,6-Trichlorophenol	196	6.607	6.607	0.000	86	826887	10.0	10.6	
51 2,4,5-Trichlorophenol	196	6.637	6.637	0.000	90	864909	10.0	10.5	
\$ 52 2-Fluorobiphenyl	172	6.683	6.683	0.000	96	2400641	10.0	10.7	
53 1,1'-Biphenyl	154	6.780	6.780	0.000	95	2092456	10.0	10.5	
54 2-Chloronaphthalene	162	6.803	6.803	0.000	94	1726448	10.0	10.4	
55 Phenyl ether	170	6.885	6.885	0.000	86	1307042	10.0	10.8	
57 2-Nitroaniline	65	6.908	6.908	0.000	83	1189607	10.0	11.2	
58 1,3-Dimethylnaphthalene	156	7.021	7.021	0.000	88	1452691	10.0	11.1	
59 Dimethyl phthalate	163	7.103	7.103	0.000	95	2341248	10.0	10.7	
60 Coumarin	146	7.111	7.111	0.000	66	634666	10.0	10.7	
61 2,6-Dinitrotoluene	165	7.149	7.149	0.000	78	570426	10.0	11.0	
62 Acenaphthylene	152	7.209	7.209	0.000	96	2333104	10.0	10.5	
63 3-Nitroaniline	138	7.321	7.321	0.000	80	452801	10.0	11.5	
* 64 Acenaphthene-d10	164	7.351	7.351	0.000	94	1159963	8.00	8.00	
66 Acenaphthene	154	7.382	7.382	0.000	94	1768277	10.0	11.0	
65 3,5-di-tert-butyl-4-hydrox	205	7.382	7.382	0.000	97	2102935	10.0	11.1	
67 2,4-Dinitrophenol	184	7.420	7.420	0.000	79	911827	20.0	23.7	
69 4-Nitrophenol	65	7.510	7.510	0.000	82	1420381	20.0	22.6	
70 2,4-Dinitrotoluene	165	7.548	7.548	0.000	90	812299	10.0	11.7	
71 Dibenzofuran	168	7.555	7.555	0.000	98	2508058	10.0	10.5	
72 2,3,4,6-Tetrachlorophenol	232	7.683	7.683	0.000	93	822372	10.0	10.7	
73 Diethyl phthalate	149	7.793	7.793	0.000	95	2474154	10.0	11.2	
74 4-Chlorophenyl phenyl ethe	204	7.891	7.891	0.000	78	1274583	10.0	10.4	
75 Fluorene	166	7.891	7.891	0.000	90	2089484	10.0	10.8	
76 4-Nitroaniline	138	7.937	7.937	0.000	80	404138	10.0	11.2	
77 4,6-Dinitro-2-methylphenol	198	7.959	7.959	0.000	81	1207716	20.0	20.5	
78 N-Nitrosodiphenylamine	169	8.020	8.020	0.000	68	1538152	10.0	10.5	
79 1,2-Diphenylhydrazine	77	8.050	8.050	0.000	91	2581664	10.0	9.24	
\$ 80 2,4,6-Tribromophenol	330	8.132	8.132	0.000	95	729654	10.0	10.9	
81 4-Bromophenyl phenyl ether	248	8.375	8.375	0.000	89	952704	10.0	10.5	
82 Hexachlorobenzene	284	8.441	8.441	0.000	96	1071754	10.0	9.39	
84 Pentachlorophenol	266	8.642	8.642	0.000	93	1500604	20.0	19.5	
85 Pentachloronitrobenzene	237	8.649	8.649	0.000	87	531452	10.0	10.6	
86 n-Octadecane	57	8.716	8.716	0.000	91	1429877	10.0	9.07	
* 87 Phenanthrene-d10	188	8.812	8.812	0.000	97	2244129	8.00	8.00	
88 Phenanthrene	178	8.834	8.834	0.000	97	2832091	10.0	9.66	
89 Anthracene	178	8.887	8.887	0.000	97	2915128	10.0	9.61	
90 Carbazole	167	9.049	9.049	0.000	98	2436439	10.0	9.87	
91 Di-n-butyl phthalate	149	9.391	9.391	0.000	98	3443454	10.0	9.65	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	9.999	9.999	0.000	97	3116897	10.0	9.46	
93 Benzidine	184	10.135	10.135	0.000	98	1687688	10.0	10.7	
94 Pyrene	202	10.225	10.225	0.000	96	3130247	10.0	9.84	
95 Bisphenol-A	213	10.277	10.277	0.000	0	1521990	10.0	12.9	
\$ 96 Terphenyl-d14	244	10.378	10.378	0.000	98	2789053	10.0	10.4	
97 Butyl benzyl phthalate	149	10.901	10.901	0.000	97	1422337	10.0	10.0	
98 2,3,7,8-TCDD	320	11.006	11.006	0.000	83	5648	0.1000	0.1485	
99 Carbamazepine	193	11.029	11.029	0.000	89	1124559	10.0	9.70	
100 3,3'-Dichlorobenzidine	252	11.519	11.519	0.000	98	1192365	10.0	10.4	
101 Benzo[a]anthracene	228	11.547	11.547	0.000	94	2831254	10.0	9.80	
* 102 Chrysene-d12	240	11.561	11.561	0.000	97	1937976	8.00	8.00	
104 Chrysene	228	11.589	11.589	0.000	99	2605582	10.0	9.95	
103 Bis(2-ethylhexyl) phthalat	149	11.589	11.589	0.000	89	1924387	10.0	10.1	
105 Di-n-octyl phthalate	149	12.439	12.439	0.000	96	2716096	10.0	10.0	
106 Benzo[b]fluoranthene	252	12.933	12.933	0.000	95	2390678	10.0	10.1	
107 Benzo[k]fluoranthene	252	12.977	12.977	0.000	94	2380498	10.0	9.57	
108 Benzo[a]pyrene	252	13.377	13.377	0.000	97	2157999	10.0	9.85	
* 109 Perylene-d12	264	13.450	13.450	0.000	97	1704921	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.944	14.944	0.000	93	2183180	10.0	9.90	
111 Dibenz(a,h)anthracene	278	14.978	14.978	0.000	97	2156574	10.0	10.3	
112 Benzo[g,h,i]perylene	276	15.358	15.358	0.000	93	2199361	10.0	9.76	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

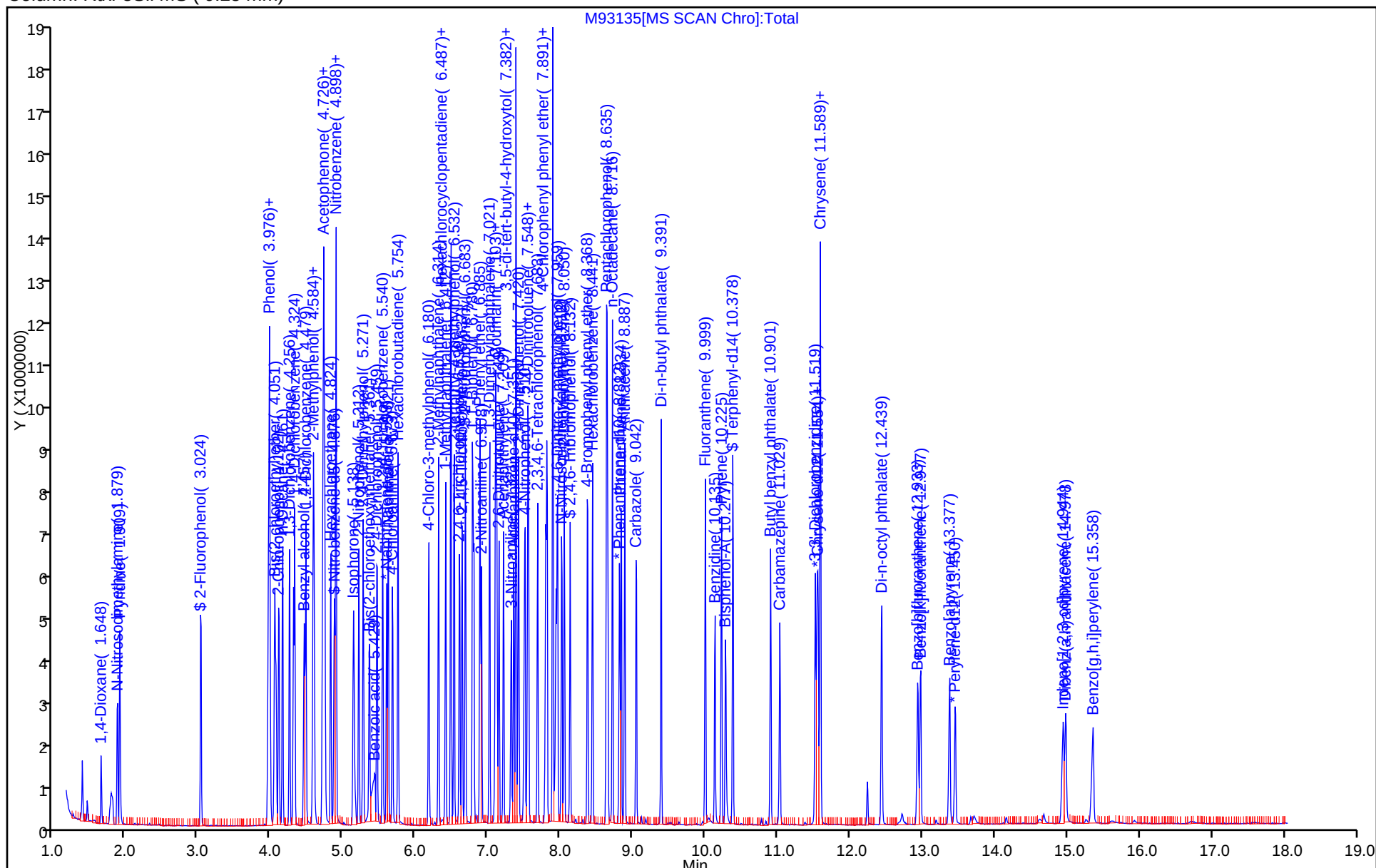
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Amount Added: 1.00

Units: mL

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS6\20150524-27775.b\M93135.D		
Injection Date:	24-May-2015 20:08:30	Instrument ID:	CBNAMS6
Lims ID:	ccvis		
Client ID:			
Injection Vol:	5.0 ul	Dil. Factor:	1.0000
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL
Column:	Rtxi-5Sil MS (0.25 mm)		

Operator ID:
Worklist Smp#: 2
ALS Bottle#: 2



TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150524-27775.b\M93135.D

Injection Date: 24-May-2015 20:08:30

Instrument ID: CBNAMS6

Lims ID: ccvis

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 2

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

Method: 8270LVI_R6

Limit Group: SV 8270D ICAL

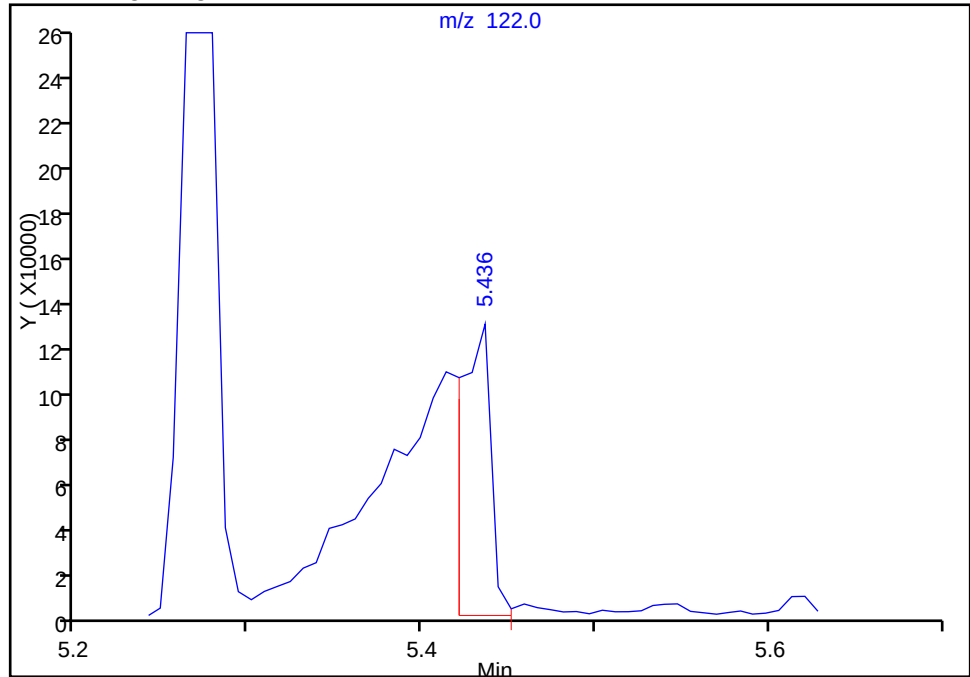
Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

35 Benzoic acid, CAS: 65-85-0

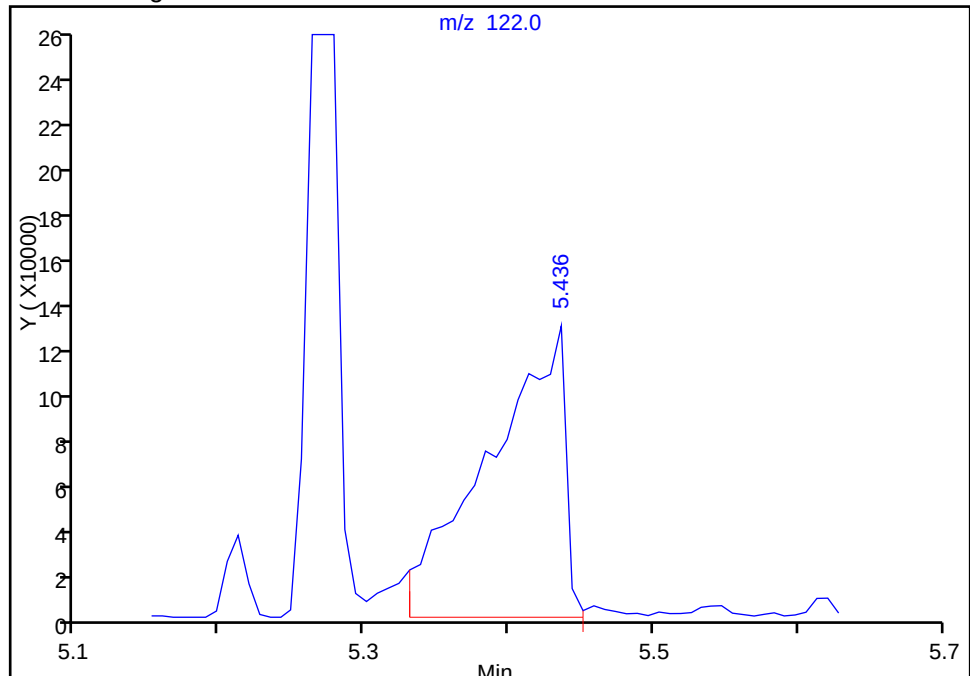
RT: 5.44
Area: 159049
Amount: 3.100961
Amount Units: ug/ml

Processing Integration Results



RT: 5.44
Area: 471440
Amount: 10.090236
Amount Units: ug/ml

Manual Integration Results



Reviewer: asfawa, 24-May-2015 20:54:40

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-94855-1
SDG No.: _____
Lab Sample ID: CCV 460-300699/3 Calibration Date: 05/24/2015 23:22
Instrument ID: CBNAMS6 Calib Start Date: 05/23/2015 18:21
GC Column: Rtxi-5Sil MS ID: 0.25 (mm) Calib End Date: 05/23/2015 20:34
Lab File ID: M93136.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	1.416	1.499	0.0100	10600	10000	5.9	20.0
Caprolactam	Ave	0.0987	0.1086	0.0100	11000	10000	10.1	20.0
Atrazine	Ave	0.2574	0.2638	0.0100	10200	10000	2.5	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150524-27775.b\M93136.D
 Lims ID: ccv
 Client ID:
 Sample Type: CCV
 Inject. Date: 24-May-2015 23:22:30 ALS Bottle#: 3 Worklist Smp#: 3
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027775-003
 Operator ID: Instrument ID: CBNAMS6
 Sublist: chrom-8270LVI_R6*sub20
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150524-27775.b\8270LVI_R6.m
 Limit Group: SV 8270D ICAL
 Last Update: 25-May-2015 19:39:25 Calib Date: 23-May-2015 20:34:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93102.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK019

First Level Reviewer: asfawa

Date: 24-May-2015 23:47:42

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.861	3.861	0.000	76	1131547	10.0	10.6	
* 14 1,4-Dichlorobenzene-d4	152	4.300	4.300	0.000	91	603744	8.00	8.00	
* 38 Naphthalene-d8	136	5.584	5.584	0.000	96	1976429	8.00	8.00	
42 Caprolactam	113	6.016	6.016	0.000	75	268307	10.0	11.0	
* 64 Acenaphthene-d10	164	7.342	7.342	0.000	94	1346498	8.00	8.00	
83 Atrazine	200	8.543	8.543	0.000	90	897909	10.0	10.2	
* 87 Phenanthrene-d10	188	8.804	8.804	0.000	97	2722848	8.00	8.00	
* 102 Chrysene-d12	240	11.547	11.547	0.000	97	2391112	8.00	8.00	
* 109 Perylene-d12	264	13.449	13.449	0.000	97	1963533	8.00	8.00	

Reagents:

SM_BNAL5B_00009

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150524-27775.b\M93136.D

Injection Date: 24-May-2015 23:22:30

Instrument ID: CBNAMS6

Operator ID:

Lims ID: ccv

Worklist Smp#: 3

Client ID:

Injection Vol: 5.0 ul

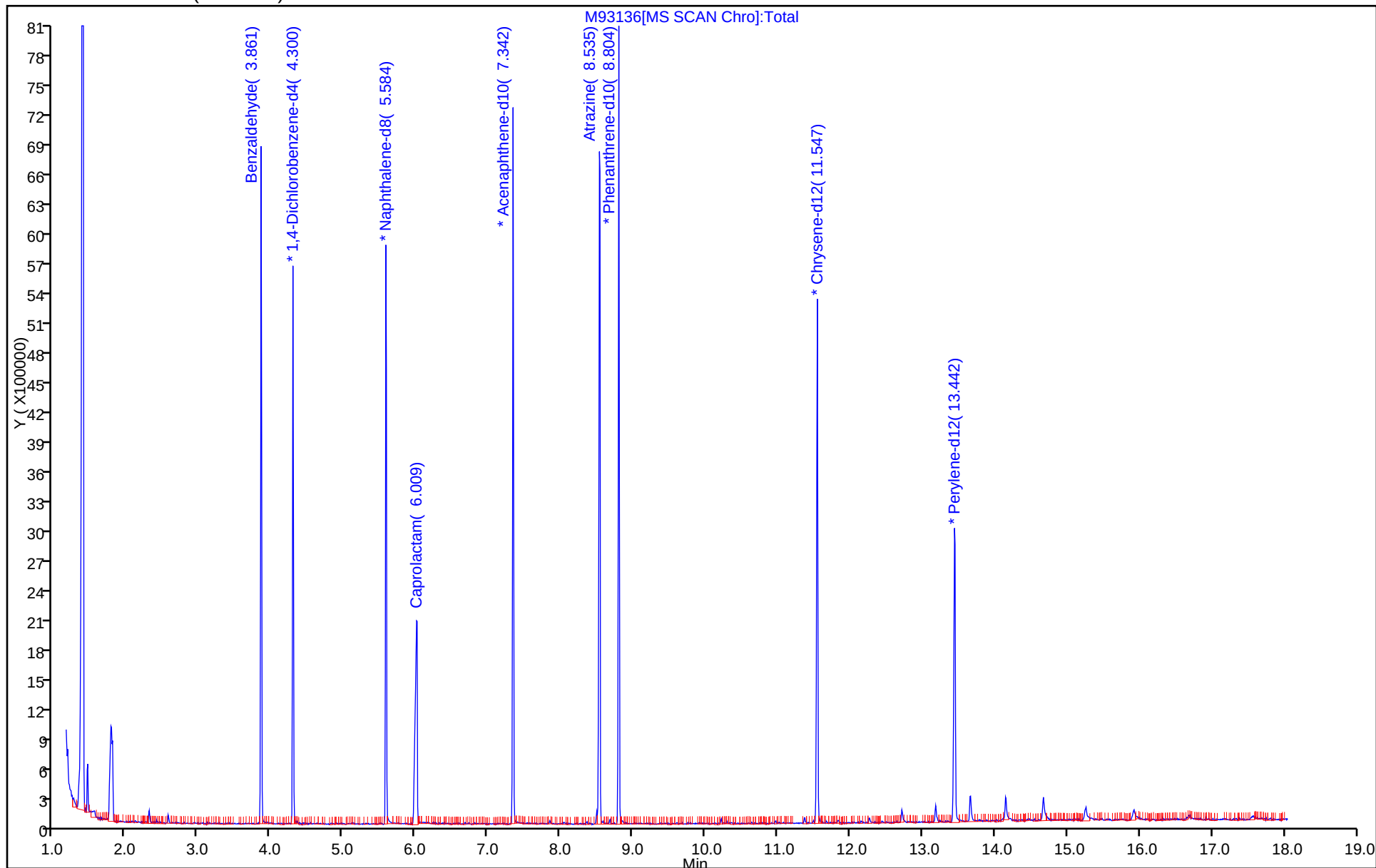
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8270LVI_R6

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15816.D
 Lims ID: dftpp
 Client ID:
 Sample Type: DFTPP
 Inject. Date: 07-May-2015 11:56:30 ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027129-001
 Misc. Info.: DFTPP
 Operator ID: Instrument ID: CBNAMS13
 Method: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\8270LVI_R13.m
 Limit Group: SV 8270D ICAL
 Last Update: 10-May-2015 13:10:46 Calib Date: 07-May-2015 19:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK016

First Level Reviewer: croccom

Date: 07-May-2015 12:12:52

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
80 Pentachlorophenol_T	266	6.892	6.892	0.000	92	36822	NR	NR	7
89 Benzidine_T	184	8.692	8.692	0.000	100	239744	NR	NR	7
120 DFTPP									
114 4,4'-DDD	235	9.386	9.386	0.000	94	2017		NR	7
116 4,4'-DDT	235	9.698	9.698	0.000	98	97187	NR	NR	7

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

7 - Failed Limit of Detection

Reagents:

SMDFTP_CH_00010

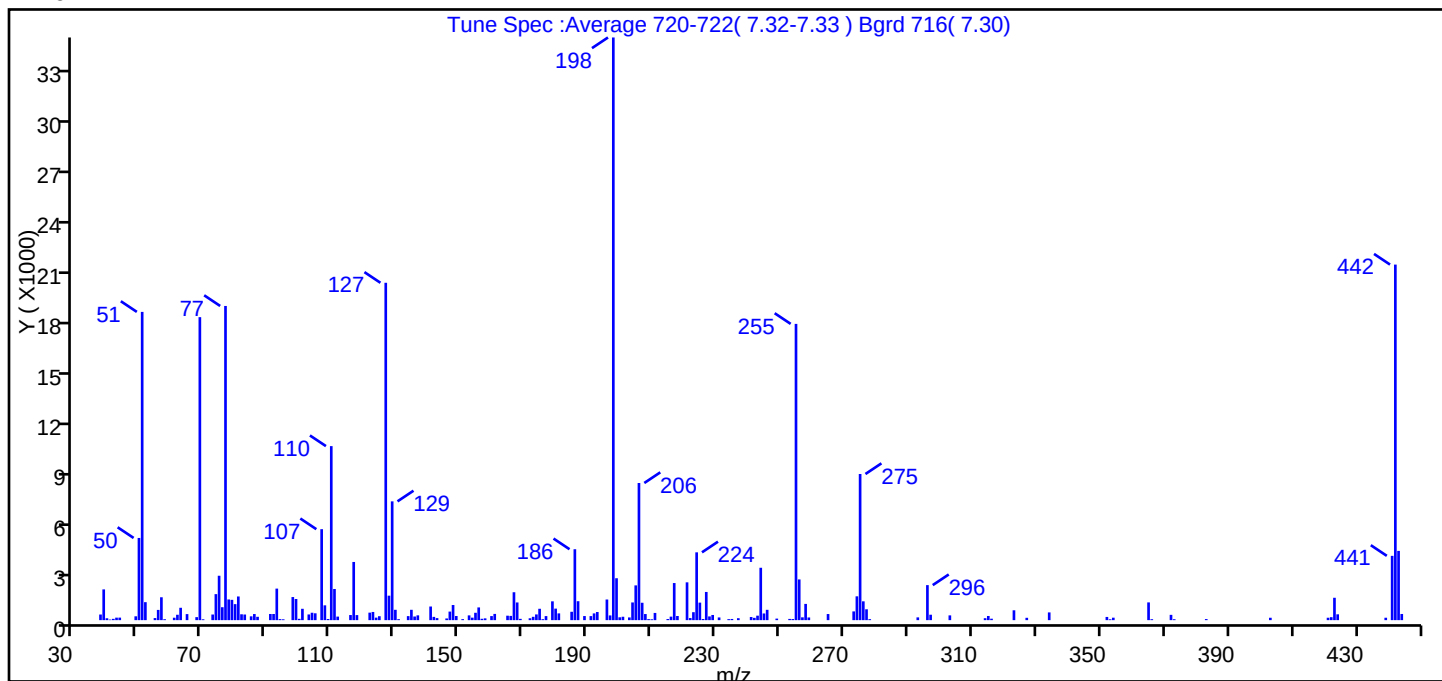
Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\lg2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15816.D
Injection Date: 07-May-2015 11:56:30 Instrument ID: CBNAMS13
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R13 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270

120 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	52.9
68	<2% of mass 69	0.5 (1.0)
69	Present	52.0
70	<2% of mass 69	0.1 (0.3)
127	40-60% of mass 198	57.9
197	<1% of mass 198	0.8
199	5-9% of mass 198	7.2
275	10-30% of mass 198	25.1
365	>1% of mass 198	3.0
441	Present but less than mass 443	11.0 (92.8)
442	>40% of mass 198	61.0
443	17-23% of mass 442	11.9 (19.5)

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15816.D\8270LVI_R13.rslt\spectra.d
Injection Date: 07-May-2015 11:56:30
Spectrum: Tune Spec :Average 720-722(7.32-7.33) Bgrd 716(7.30)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 188

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	334	105.00	406	175.00	675	243.00	265
39.00	1825	107.00	5399	176.00	57	244.00	3109
40.00	112	108.00	879	177.00	240	245.00	396
41.00	33	109.00	67	179.00	1116	246.00	613
42.00	77	110.00	10329	180.00	684	249.00	91
43.00	148	111.00	1849	181.00	401	253.00	73
44.00	150	112.00	210	185.00	497	254.00	66
49.00	228	116.00	303	186.00	4209	255.00	17584
50.00	4878	117.00	3453	187.00	1124	256.00	2416
51.00	18296	118.00	300	189.00	243	257.00	167
52.00	1067	122.00	445	191.00	240	258.00	964
55.00	123	123.00	486	192.00	400	259.00	159
56.00	607	124.00	149	193.00	482	265.00	362
57.00	1358	125.00	234	196.00	1225	273.00	519
58.00	55	127.00	20024	197.00	280	274.00	1414
61.00	144	128.00	1452	198.00	34584	275.00	8674
62.00	320	129.00	7050	199.00	2487	276.00	1117
63.00	734	130.00	614	200.00	169	277.00	645
65.00	358	131.00	58	201.00	201	278.00	59
68.00	178	134.00	239	203.00	161	293.00	164
69.00	17984	135.00	614	204.00	1050	296.00	2079
70.00	51	136.00	216	205.00	2063	297.00	322
73.00	334	137.00	285	206.00	8140	303.00	283
74.00	1544	141.00	809	207.00	1032	314.00	115
75.00	2635	142.00	194	208.00	362	315.00	247
76.00	767	143.00	121	209.00	61	316.00	86
77.00	18648	146.00	100	210.00	51	323.00	585
78.00	1227	147.00	508	211.00	428	327.00	139
79.00	1205	148.00	898	215.00	66	334.00	459
80.00	950	149.00	245	216.00	208	352.00	190
81.00	1405	151.00	60	217.00	2202	353.00	51
82.00	348	153.00	283	218.00	246	354.00	146
83.00	334	154.00	148	221.00	2244	365.00	1053

Report Date: 10-May-2015 13:10:48

Chrom Revision: 2.2 07-Apr-2015 13:11:02

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15816.D\8270LVI_R13.rslt\spectra.d

Injection Date: 07-May-2015 11:56:30

Spectrum: Tune Spec :Average 720-722(7.32-7.33) Bgrd 716(7.30)

Base Peak: 198.00

Minimum % Base Peak: 0

Number of Points: 188

m/z	Y	m/z	Y	m/z	Y	m/z	Y
85.00	226	155.00	437	222.00	124	366.00	56
86.00	362	156.00	755	223.00	472	372.00	314
87.00	198	157.00	81	224.00	4025	373.00	55
91.00	365	158.00	106	225.00	1040	383.00	64
92.00	365	160.00	241	226.00	69	403.00	142
93.00	1872	161.00	370	227.00	1673	421.00	143
94.00	60	165.00	264	228.00	221	422.00	175
95.00	50	166.00	252	229.00	307	423.00	1328
98.00	1370	167.00	1656	231.00	160	424.00	346
99.00	1255	168.00	1050	234.00	59	439.00	143
100.00	78	169.00	77	235.00	70	441.00	3816
101.00	674	172.00	112	237.00	115	442.00	21104
103.00	338	173.00	198	241.00	185	443.00	4111
104.00	439	174.00	340	242.00	137	444.00	366

TestAmerica Edison

Data File: \\ChromNA\lg2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15816.D
Injection Date: 07-May-2015 11:56:30 Instrument ID: CBNAMS13
Lims ID: dftpp
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: 8270LVI_R13

ALS Bottle#: 1 Worklist Smp#: 1
Dil. Factor: 1.0000
Limit Group: SV 8270D ICAL

116 4,4'-DDT, Detector: MS SCAN

SW-846 Method

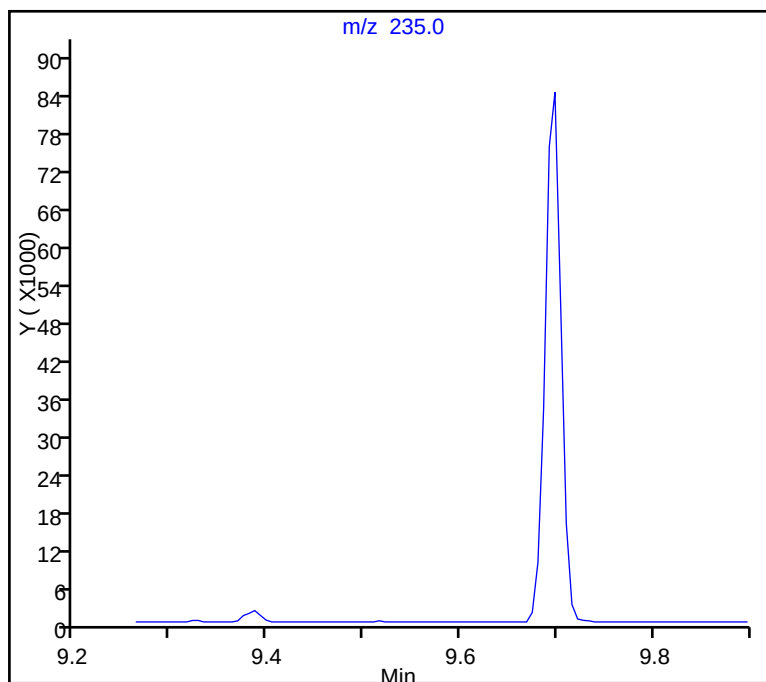
%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

116 4,4'-DDT, Area = 97187

114 4,4'-DDD, Area = 2017

115 4,4'-DDE, Area = 0

%Breakdown: 2.03%, Max Limit: 20.00%
Passed



TestAmerica Edison

Data File: \\ChromNA\lg2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15816.D
Injection Date: 07-May-2015 11:56:30 Instrument ID: CBNAMS13
Lims ID: dftpp
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: 8270LVI_R13

ALS Bottle#: 1 Worklist Smp#: 1
Dil. Factor: 1.0000
Limit Group: SV 8270D ICAL

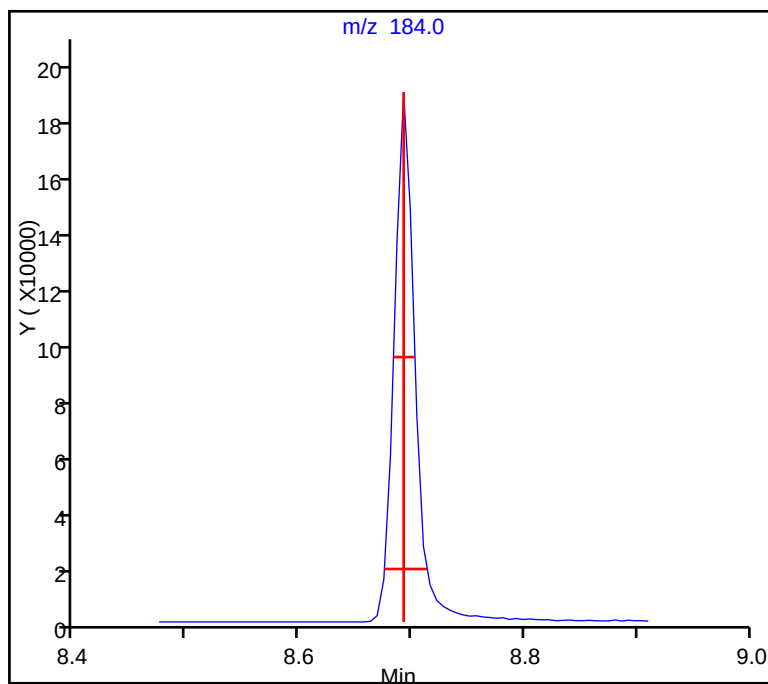
89 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.021 (min.)

Front Width = 0.017 (min.)

Tailing Factor = 1.2, Max. Tailing < 2.00
Passed



TestAmerica Edison

Data File: \\ChromNA\lg2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15816.D
Injection Date: 07-May-2015 11:56:30 Instrument ID: CBNAMS13
Lims ID: dftpp
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: 8270LVI_R13

ALS Bottle#: 1 Worklist Smp#: 1
Dil. Factor: 1.0000
Limit Group: SV 8270D ICAL

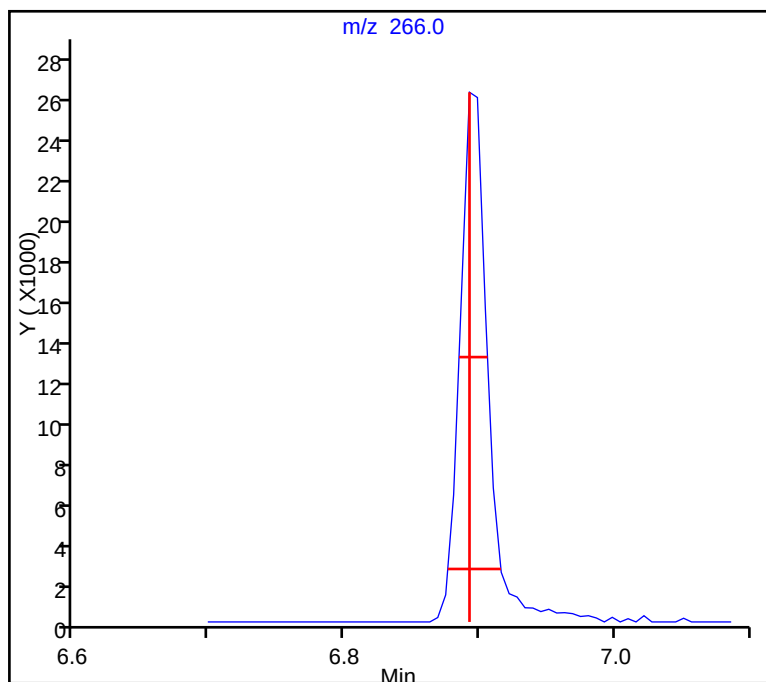
80 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.023 (min.)

Front Width = 0.016 (min.)

Tailing Factor = 1.4, Max. Tailing < 2.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150518-27485.b\C16208.D
 Lims ID: dftpp
 Client ID:
 Sample Type: DFTPP
 Inject. Date: 18-May-2015 05:29:30 ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027485-001
 Misc. Info.: DFTPP
 Operator ID: Instrument ID: CBNAMS13
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150518-27485.b\8270LVI_R13.m
 Limit Group: SV 8270D ICAL
 Last Update: 18-May-2015 15:14:42 Calib Date: 07-May-2015 19:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK029

First Level Reviewer: szczecha

Date: 18-May-2015 15:14:41

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
80 Pentachlorophenol_T	266	6.716	6.716	0.000	92	59965	NR	NR	7
89 Benzidine_T	184	8.510	8.510	0.000	100	283107	NR	NR	7
120 DFTPP									
114 4,4'-DDD	235	9.198	9.198	0.000	95	3299		NR	7
116 4,4'-DDT	235	9.510	9.510	0.000	98	141672	NR	NR	7

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

7 - Failed Limit of Detection

Reagents:

SMDFTP_CH_00010

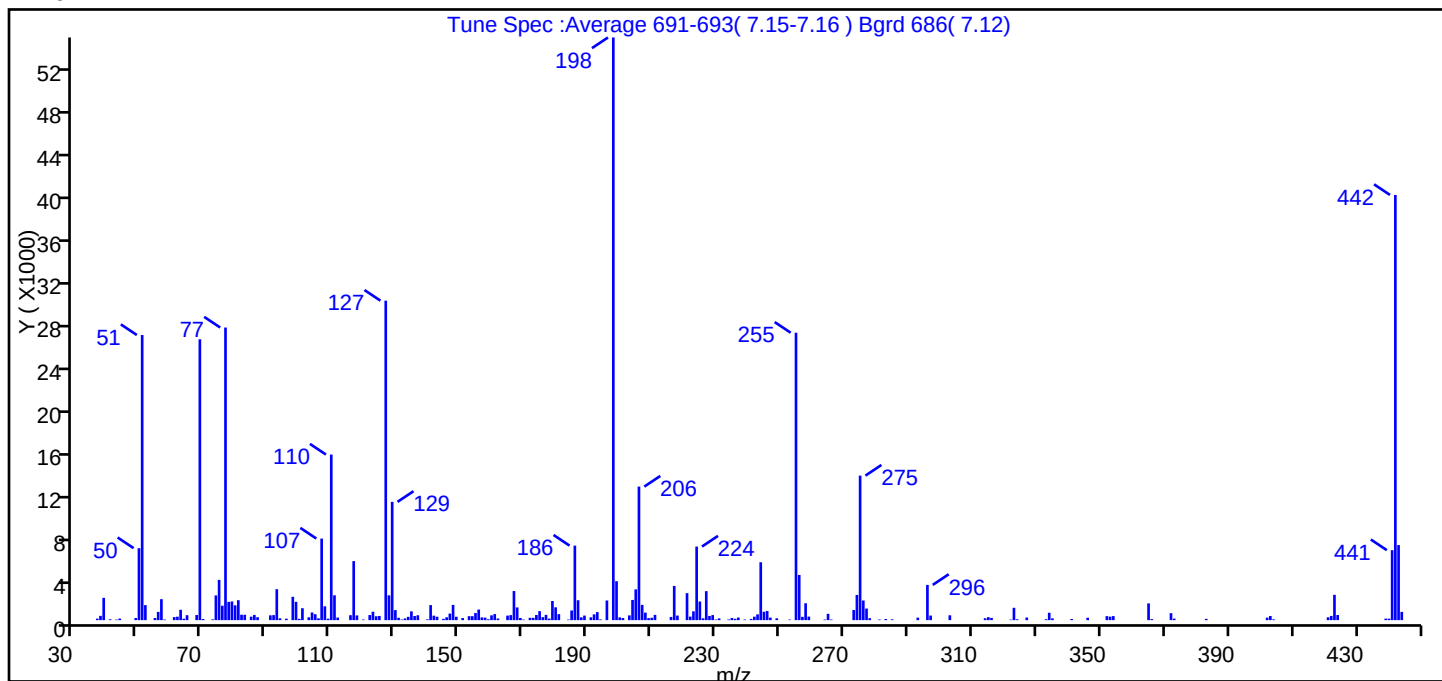
Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150518-27485.b\C16208.D
Injection Date: 18-May-2015 05:29:30 Instrument ID: CBNAMS13
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R13 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270

120 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	48.9
68	<2% of mass 69	0.9 (1.8)
69	Present	48.2
70	<2% of mass 69	0.2 (0.4)
127	40-60% of mass 198	54.8
197	<1% of mass 198	0.0
199	5-9% of mass 198	6.7
275	10-30% of mass 198	24.8
365	>1% of mass 198	2.9
441	Present but less than mass 443	12.0 (93.2)
442	>40% of mass 198	73.0
443	17-23% of mass 442	12.9 (17.7)

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150518-27485.b\C16208.D\8270LVI_R13.rslt\spectra.d
Injection Date: 18-May-2015 05:29:30
Spectrum: Tune Spec :Average 691-693(7.15-7.16) Bgrd 686(7.12)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 217

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	140	112.00	243	181.00	561	257.00	311
38.00	405	116.00	467	184.00	56	258.00	1588
39.00	2096	117.00	5555	185.00	910	259.00	332
40.00	2	118.00	445	186.00	7011	264.00	58
41.00	79	120.00	58	187.00	1872	265.00	595
43.00	52	122.00	480	188.00	262	266.00	57
44.00	148	123.00	792	189.00	430	273.00	952
49.00	200	124.00	366	191.00	266	274.00	2369
50.00	6771	125.00	395	192.00	542	275.00	13596
51.00	26824	127.00	30056	193.00	753	276.00	1847
52.00	1415	128.00	2333	194.00	69	277.00	1090
55.00	204	129.00	11127	196.00	1848	278.00	183
56.00	776	130.00	943	198.00	54816	281.00	53
57.00	1974	131.00	223	199.00	3662	283.00	105
58.00	58	132.00	55	200.00	262	285.00	75
61.00	288	133.00	158	201.00	197	293.00	235
62.00	326	134.00	311	203.00	447	296.00	3315
63.00	975	135.00	828	204.00	1901	297.00	431
64.00	133	136.00	388	205.00	2897	303.00	458
65.00	465	137.00	460	206.00	12562	314.00	177
68.00	482	140.00	74	207.00	1434	315.00	280
69.00	26424	141.00	1417	208.00	708	316.00	211
70.00	108	142.00	421	209.00	188	322.00	52
73.00	72	143.00	320	210.00	223	323.00	1161
74.00	2328	145.00	121	211.00	493	324.00	81
75.00	3788	146.00	269	216.00	300	327.00	245
76.00	1356	147.00	617	217.00	3218	333.00	85
77.00	27528	148.00	1433	218.00	432	334.00	696
78.00	1716	149.00	321	221.00	2541	335.00	169
79.00	1758	151.00	196	222.00	333	341.00	105
80.00	1394	153.00	374	223.00	829	346.00	224
81.00	1875	154.00	372	224.00	6923	352.00	378
82.00	506	155.00	669	225.00	1755	353.00	329

Report Date: 18-May-2015 15:14:43

Chrom Revision: 2.2 07-Apr-2015 13:11:02

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150518-27485.b\C16208.D\8270LVI_R13.rslt\spectra.d

Injection Date: 18-May-2015 05:29:30

Spectrum: Tune Spec :Average 691-693(7.15-7.16) Bgrd 686(7.12)

Base Peak: 198.00

Minimum % Base Peak: 0

Number of Points: 217

m/z	Y	m/z	Y	m/z	Y	m/z	Y
83.00	505	156.00	996	226.00	173	354.00	381
85.00	327	157.00	258	227.00	2729	365.00	1576
86.00	489	158.00	239	228.00	393	366.00	99
87.00	275	159.00	83	229.00	476	372.00	655
91.00	452	160.00	454	230.00	54	373.00	144
92.00	474	161.00	569	231.00	164	383.00	118
93.00	2911	162.00	154	234.00	61	402.00	235
94.00	172	165.00	425	235.00	203	403.00	386
96.00	136	166.00	474	236.00	127	404.00	75
98.00	2195	167.00	2740	237.00	245	421.00	268
99.00	1725	168.00	1197	239.00	59	422.00	397
100.00	123	169.00	205	241.00	115	423.00	2381
101.00	1121	170.00	50	242.00	325	424.00	482
103.00	267	172.00	218	243.00	543	439.00	143
104.00	720	173.00	220	244.00	5448	440.00	141
105.00	559	174.00	484	245.00	789	441.00	6584
106.00	169	175.00	848	246.00	860	442.00	40000
107.00	7675	176.00	280	247.00	238	443.00	7064
108.00	1302	177.00	495	249.00	173	444.00	776
109.00	136	178.00	147	253.00	55		
110.00	15578	179.00	1800	255.00	27040		
111.00	2337	180.00	1208	256.00	4247		

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150518-27485.b\C16208.D
Injection Date: 18-May-2015 05:29:30 Instrument ID: CBNAMS13
Lims ID: dftpp
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: 8270LVI_R13

ALS Bottle#: 1 Worklist Smp#: 1
Dil. Factor: 1.0000
Limit Group: SV 8270D ICAL

116 4,4'-DDT, Detector: MS SCAN

SW-846 Method

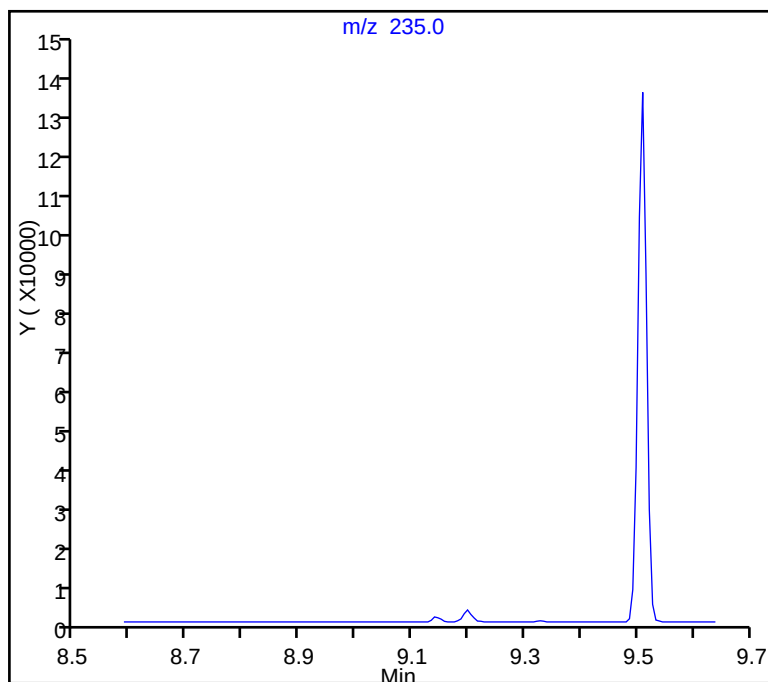
%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

116 4,4'-DDT, Area = 141672

114 4,4'-DDD, Area = 3299

115 4,4'-DDE, Area = 0

%Breakdown: 2.28%, Max Limit: 20.00%
Passed



TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150518-27485.b\C16208.D
Injection Date: 18-May-2015 05:29:30 Instrument ID: CBNAMS13
Lims ID: dftpp
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: 8270LVI_R13

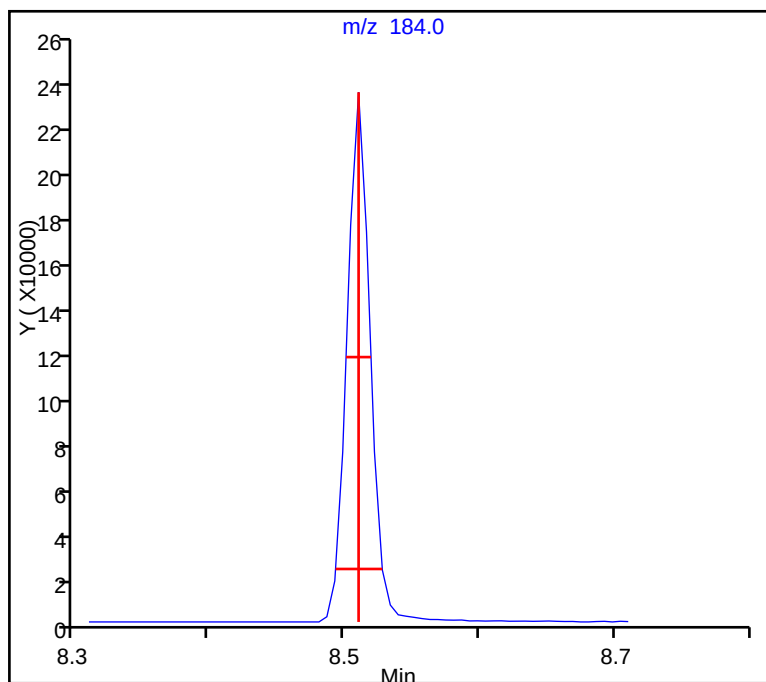
ALS Bottle#: 1 Worklist Smp#: 1
Dil. Factor: 1.0000
Limit Group: SV 8270D ICAL

89 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.018 (min.)
Front Width = 0.017 (min.)

Tailing Factor = 1.0, Max. Tailing < 2.00
Passed



TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150518-27485.b\C16208.D
Injection Date: 18-May-2015 05:29:30 Instrument ID: CBNAMS13
Lims ID: dftpp
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: 8270LVI_R13

ALS Bottle#: 1 Worklist Smp#: 1
Dil. Factor: 1.0000
Limit Group: SV 8270D ICAL

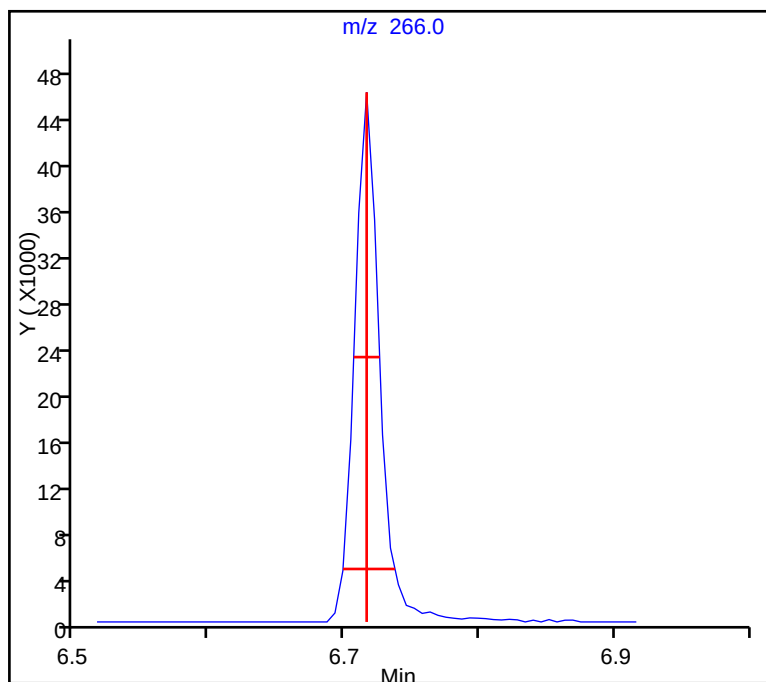
80 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.021 (min.)

Front Width = 0.018 (min.)

Tailing Factor = 1.2, Max. Tailing < 2.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150523-27759.b\C16448.D
 Lims ID: dftpp
 Client ID:
 Sample Type: DFTPP
 Inject. Date: 23-May-2015 09:58:30 ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027759-001
 Misc. Info.: DFTPP
 Operator ID: Instrument ID: CBNAMS13
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150523-27759.b\8270LVI_R13.m
 Limit Group: SV 8270D ICAL
 Last Update: 23-May-2015 20:58:57 Calib Date: 07-May-2015 19:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK032

First Level Reviewer: baig

Date: 23-May-2015 10:11:30

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
80 Pentachlorophenol_T	266	6.593	6.593	0.000	91	40971	NR	NR	7
89 Benzidine_T	184	8.381	8.381	0.000	100	218063	NR	NR	7
120 DFTPP									
114 4,4'-DDD	235	9.069	9.069	0.000	93	2425		NR	7
116 4,4'-DDT	235	9.381	9.381	0.000	98	101531	NR	NR	7

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

7 - Failed Limit of Detection

Reagents:

SMDFTP_CH_00010

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150523-27759.b\C16448.D

Injection Date: 23-May-2015 09:58:30

Instrument ID: CBNAMS13

Lims ID: dftpp

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 5.0 ul

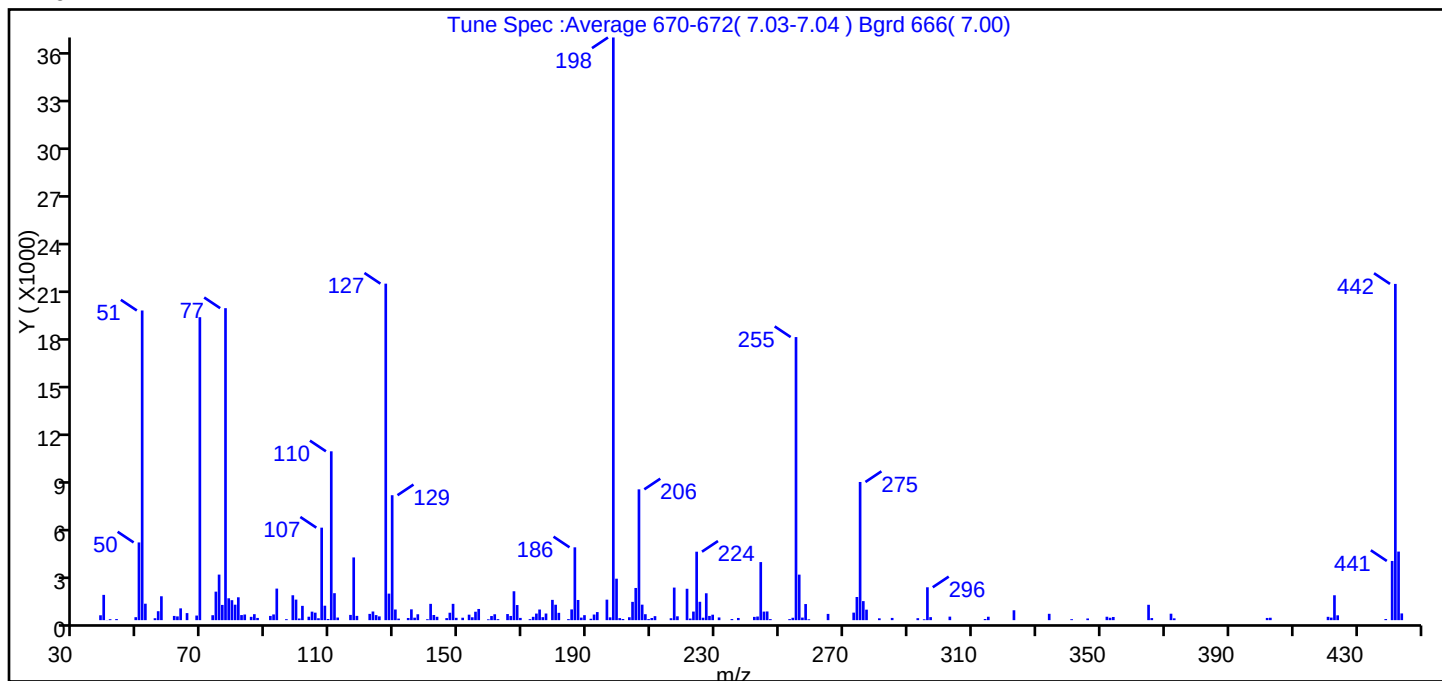
Dil. Factor: 1.0000

Method: 8270LVI_R13

Limit Group: SV 8270D ICAL

Tune Method: DFTPP Method 8270

120 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	53.1
68	<2% of mass 69	0.8 (1.5)
69	Present	52.0
70	<2% of mass 69	0.0 (0.0)
127	40-60% of mass 198	57.8
197	<1% of mass 198	0.5
199	5-9% of mass 198	7.1
275	10-30% of mass 198	23.7
365	>1% of mass 198	2.6
441	Present but less than mass 443	10.2 (86.3)
442	>40% of mass 198	57.7
443	17-23% of mass 442	11.8 (20.4)

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150523-27759.b\C16448.D\8270LVI_R13.rslt\spectra.d
Injection Date: 23-May-2015 09:58:30
Spectrum: Tune Spec :Average 670-672(7.03-7.04) Bgrd 666(7.00)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 186

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	302	110.00	10469	179.00	1257	247.00	64
39.00	1567	111.00	1671	180.00	956	253.00	63
40.00	8	112.00	161	181.00	454	254.00	148
41.00	59	116.00	325	184.00	64	255.00	17552
43.00	67	117.00	3889	185.00	666	256.00	2822
49.00	184	118.00	265	186.00	4515	257.00	159
50.00	4818	122.00	388	187.00	1250	258.00	998
51.00	19200	123.00	536	188.00	157	259.00	51
52.00	1019	124.00	313	189.00	309	265.00	387
55.00	119	125.00	233	191.00	85	273.00	466
56.00	554	127.00	20864	192.00	348	274.00	1435
57.00	1481	128.00	1645	193.00	500	275.00	8567
61.00	261	129.00	7746	196.00	1271	276.00	1180
62.00	233	130.00	660	197.00	174	277.00	650
63.00	731	131.00	96	198.00	36128	281.00	113
65.00	437	134.00	134	199.00	2570	285.00	138
68.00	285	135.00	670	200.00	126	293.00	122
69.00	18784	136.00	153	201.00	71	295.00	51
73.00	306	137.00	365	203.00	180	296.00	2038
74.00	1767	140.00	57	204.00	1134	297.00	187
75.00	2824	141.00	1010	205.00	1995	303.00	218
76.00	944	142.00	319	206.00	8110	314.00	71
77.00	19344	143.00	208	207.00	960	315.00	211
78.00	1355	146.00	126	208.00	369	323.00	612
79.00	1238	147.00	460	209.00	66	334.00	393
80.00	958	148.00	1011	210.00	134	341.00	59
81.00	1417	149.00	144	211.00	247	346.00	103
82.00	315	151.00	150	216.00	119	352.00	211
83.00	349	153.00	339	217.00	2019	353.00	149
85.00	205	154.00	178	218.00	238	354.00	196
86.00	370	155.00	522	221.00	1946	365.00	952
87.00	137	156.00	693	222.00	99	366.00	129
91.00	262	159.00	51	223.00	532	372.00	399

Report Date: 23-May-2015 20:58:58

Chrom Revision: 2.2 14-May-2015 11:41:56

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150523-27759.b\C16448.D\8270LVI_R13.rslt\spectra.d

Injection Date: 23-May-2015 09:58:30

Spectrum: Tune Spec :Average 670-672(7.03-7.04) Bgrd 666(7.00)

Base Peak: 198.00

Minimum % Base Peak: 0

Number of Points: 186

m/z	Y	m/z	Y	m/z	Y	m/z	Y
92.00	354	160.00	255	224.00	4244	373.00	111
93.00	1956	161.00	365	225.00	1138	402.00	136
96.00	60	162.00	62	226.00	151	403.00	149
98.00	1543	165.00	378	227.00	1666	421.00	206
99.00	1273	166.00	260	228.00	261	422.00	158
100.00	102	167.00	1791	229.00	338	423.00	1543
101.00	886	168.00	937	231.00	167	424.00	299
103.00	212	169.00	139	235.00	68	439.00	68
104.00	527	172.00	61	237.00	135	441.00	3670
105.00	464	173.00	206	242.00	202	442.00	20848
106.00	117	174.00	408	243.00	224	443.00	4252
107.00	5735	175.00	659	244.00	3600	444.00	417
108.00	895	176.00	186	245.00	530		
109.00	72	177.00	411	246.00	539		

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150523-27759.b\C16448.D
Injection Date: 23-May-2015 09:58:30 Instrument ID: CBNAMS13
Lims ID: dftpp
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: 8270LVI_R13

ALS Bottle#: 1 Worklist Smp#: 1
Dil. Factor: 1.0000
Limit Group: SV 8270D ICAL

116 4,4'-DDT, Detector: MS SCAN

SW-846 Method

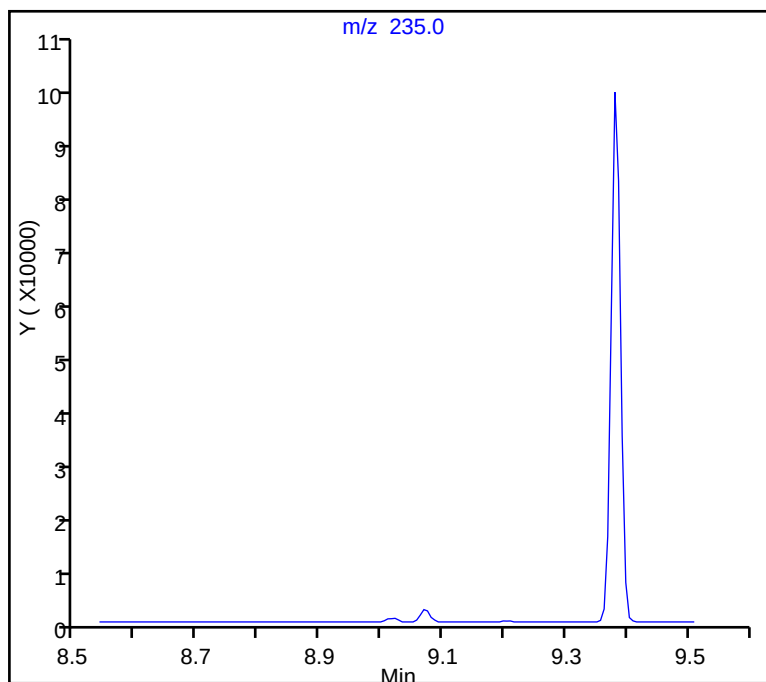
%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

116 4,4'-DDT, Area = 101531

114 4,4'-DDD, Area = 2425

115 4,4'-DDE, Area = 0

%Breakdown: 2.33%, Max Limit: 20.00%
Passed



TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150523-27759.b\C16448.D
Injection Date: 23-May-2015 09:58:30 Instrument ID: CBNAMS13
Lims ID: dftpp
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: 8270LVI_R13

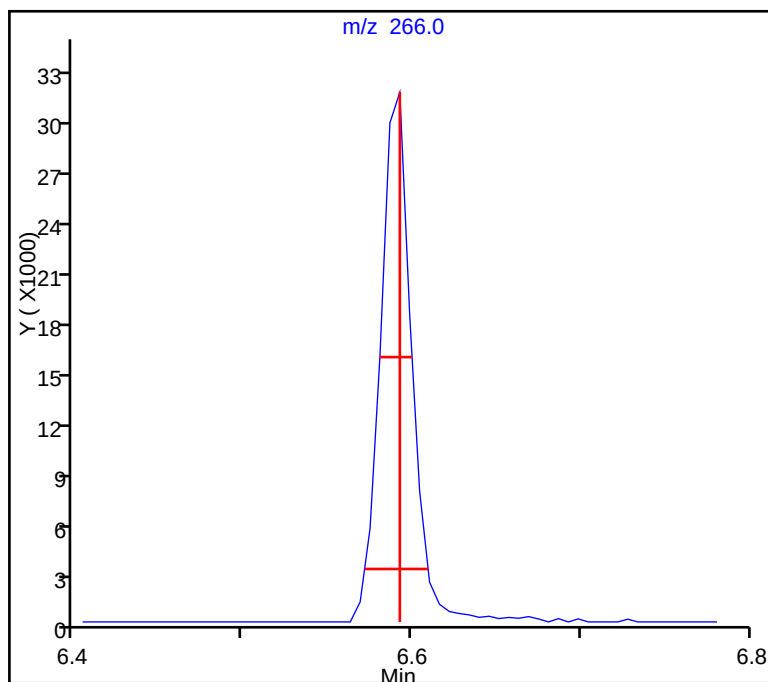
ALS Bottle#: 1 Worklist Smp#: 1
Dil. Factor: 1.0000
Limit Group: SV 8270D ICAL

80 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.017 (min.)
Front Width = 0.021 (min.)

Tailing Factor = 0.8, Max. Tailing < 2.00
Passed



TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150523-27759.b\C16448.D
Injection Date: 23-May-2015 09:58:30 Instrument ID: CBNAMS13
Lims ID: dftpp
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: 8270LVI_R13

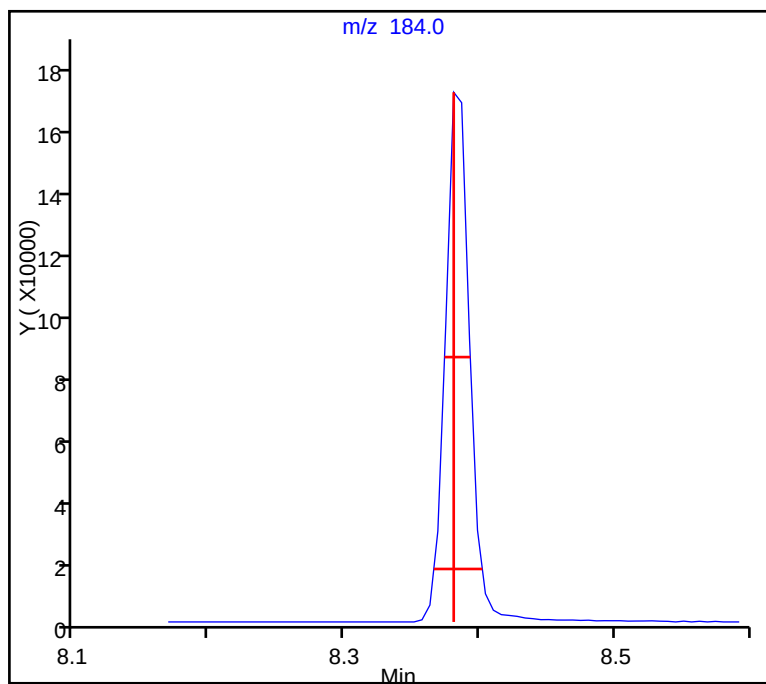
ALS Bottle#: 1 Worklist Smp#: 1
Dil. Factor: 1.0000
Limit Group: SV 8270D ICAL

89 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.021 (min.)
Front Width = 0.015 (min.)

Tailing Factor = 1.4, Max. Tailing < 2.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150526-27783.b\C16505.D
 Lims ID: dftpp
 Client ID:
 Sample Type: DFTPP
 Inject. Date: 26-May-2015 06:24:30 ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027783-001
 Misc. Info.: DFTPP
 Operator ID: Instrument ID: CBNAMS13
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150526-27783.b\8270LVI_R13.m
 Limit Group: SV 8270D ICAL
 Last Update: 26-May-2015 12:35:48 Calib Date: 07-May-2015 19:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK027

First Level Reviewer: manlangitf

Date: 26-May-2015 06:42:54

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
80 Pentachlorophenol_T	266	6.569	6.569	0.000	92	20654	NR	NR	7
89 Benzidine_T	184	8.363	8.363	0.000	99	143369	NR	NR	7
120 DFTPP									
114 4,4'-DDD	235	9.051	9.051	0.000	91	1323		NR	7
116 4,4'-DDT	235	9.363	9.363	0.000	97	56393	NR	NR	7

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

7 - Failed Limit of Detection

Reagents:

SMDFTP_CH_00010

Amount Added: 1.00

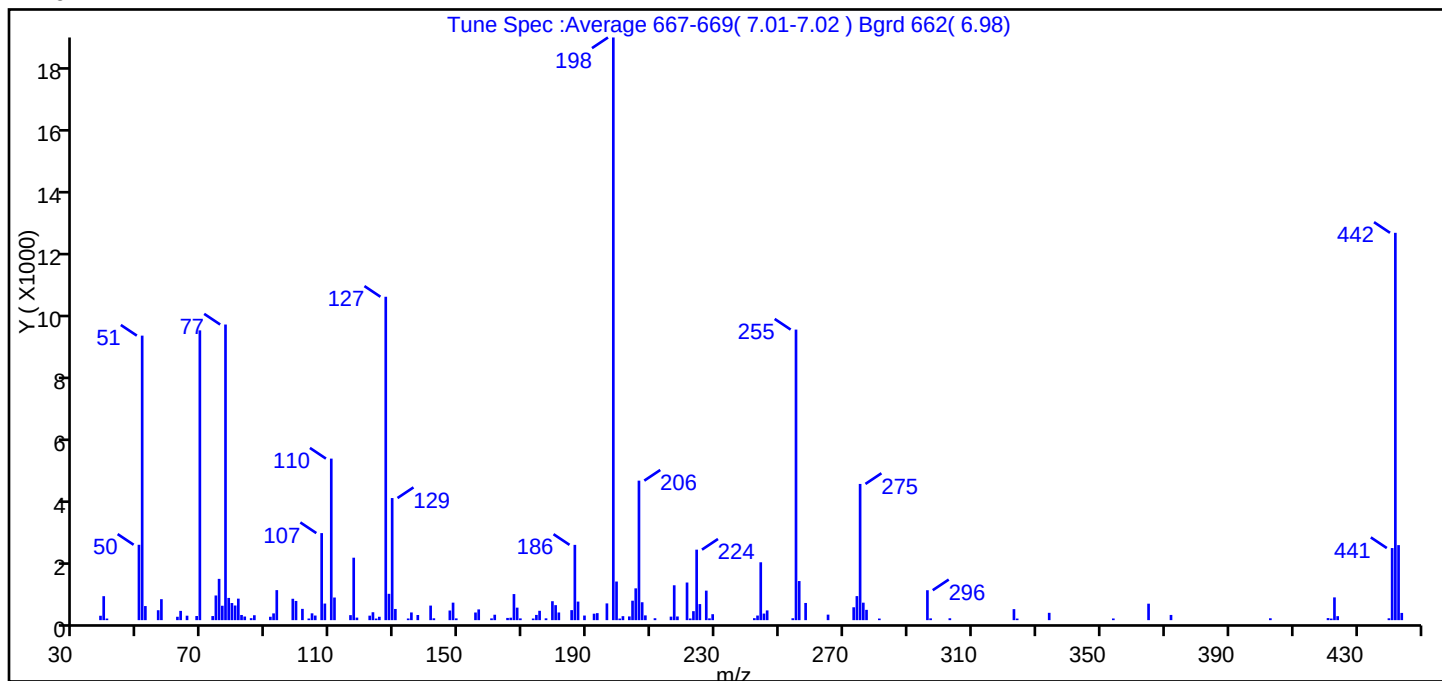
Units: mL

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150526-27783.b\C16505.D
Injection Date: 26-May-2015 06:24:30 Instrument ID: CBNAMS13
Lims ID: dftpp
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: 8270LVI_R13
Tune Method: DFTPP Method 8270

ALS Bottle#: 1 Worklist Smp#: 1
Dil. Factor: 1.0000
Limit Group: SV 8270D ICAL

120 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	48.8
68	<2% of mass 69	0.7 (1.4)
69	Present	49.7
70	<2% of mass 69	0.0 (0.0)
127	40-60% of mass 198	55.5
197	<1% of mass 198	0.0
199	5-9% of mass 198	6.6
275	10-30% of mass 198	23.4
365	>1% of mass 198	2.8
441	Present but less than mass 443	12.4 (96.1)
442	>40% of mass 198	66.5
443	17-23% of mass 442	12.9 (19.4)

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150526-27783.b\C16505.D\8270LVI_R13.rslt\spectra.d
Injection Date: 26-May-2015 06:24:30
Spectrum: Tune Spec :Average 667-669(7.01-7.02) Bgrd 662(6.98)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 138

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	140	107.00	2781	177.00	58	244.00	1849
39.00	766	108.00	530	179.00	605	245.00	210
40.00	51	110.00	5161	180.00	479	246.00	311
50.00	2408	111.00	723	181.00	245	254.00	61
51.00	9090	116.00	160	185.00	320	255.00	9283
52.00	450	117.00	1995	186.00	2405	256.00	1249
56.00	317	118.00	81	187.00	593	258.00	549
57.00	670	122.00	143	189.00	147	265.00	176
62.00	108	123.00	253	192.00	206	273.00	411
63.00	296	124.00	51	193.00	224	274.00	768
65.00	142	125.00	108	196.00	535	275.00	4352
68.00	132	127.00	10332	198.00	18616	276.00	558
69.00	9258	128.00	841	199.00	1234	277.00	329
73.00	131	129.00	3901	200.00	51	281.00	51
74.00	788	130.00	357	201.00	127	296.00	956
75.00	1319	134.00	53	203.00	119	297.00	57
76.00	460	135.00	246	204.00	621	303.00	60
77.00	9445	137.00	164	205.00	1016	323.00	352
78.00	710	141.00	465	206.00	4457	324.00	50
79.00	547	142.00	59	207.00	572	334.00	234
80.00	468	147.00	308	208.00	152	354.00	53
81.00	687	148.00	559	211.00	61	365.00	526
82.00	165	149.00	56	216.00	112	372.00	166
83.00	116	155.00	244	217.00	1114	403.00	60
85.00	63	156.00	343	218.00	117	421.00	66
86.00	157	160.00	56	221.00	1202	422.00	50
91.00	108	161.00	173	222.00	53	423.00	727
92.00	216	165.00	71	223.00	287	424.00	127
93.00	959	166.00	78	224.00	2252	440.00	59
98.00	683	167.00	833	225.00	513	441.00	2303
99.00	613	168.00	399	227.00	943	442.00	12375
101.00	360	169.00	56	228.00	57	443.00	2397
103.00	52	173.00	52	229.00	190	444.00	231

Report Date: 26-May-2015 12:35:49

Chrom Revision: 2.2 14-May-2015 11:41:56

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150526-27783.b\C16505.D\8270LVI_R13.rslt\spectra.d

Injection Date: 26-May-2015 06:24:30

Spectrum: Tune Spec :Average 667-669(7.01-7.02) Bgrd 662(6.98)

Base Peak: 198.00

Minimum % Base Peak: 0

Number of Points: 138

m/z	Y	m/z	Y	m/z	Y	m/z	Y
104.00	218	174.00	167	242.00	63		
105.00	147	175.00	299	243.00	147		

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150526-27783.b\C16505.D
Injection Date: 26-May-2015 06:24:30 Instrument ID: CBNAMS13
Lims ID: dftpp
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: 8270LVI_R13

ALS Bottle#: 1 Worklist Smp#: 1
Dil. Factor: 1.0000
Limit Group: SV 8270D ICAL

116 4,4'-DDT, Detector: MS SCAN

SW-846 Method

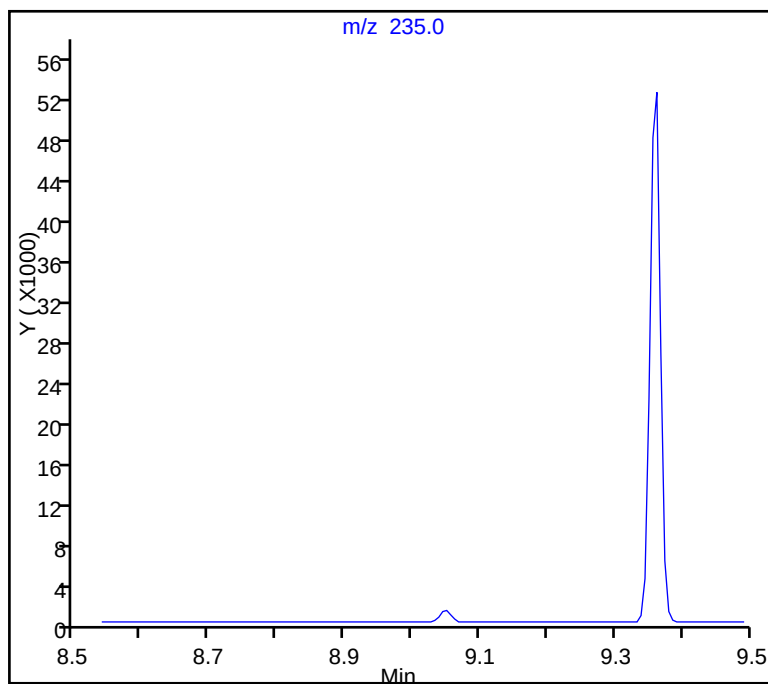
%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

116 4,4'-DDT, Area = 56393

114 4,4'-DDD, Area = 1323

115 4,4'-DDE, Area = 0

%Breakdown: 2.29%, Max Limit: 20.00%
Passed



TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150526-27783.b\C16505.D
Injection Date: 26-May-2015 06:24:30 Instrument ID: CBNAMS13
Lims ID: dftpp
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: 8270LVI_R13

ALS Bottle#: 1 Worklist Smp#: 1
Dil. Factor: 1.0000
Limit Group: SV 8270D ICAL

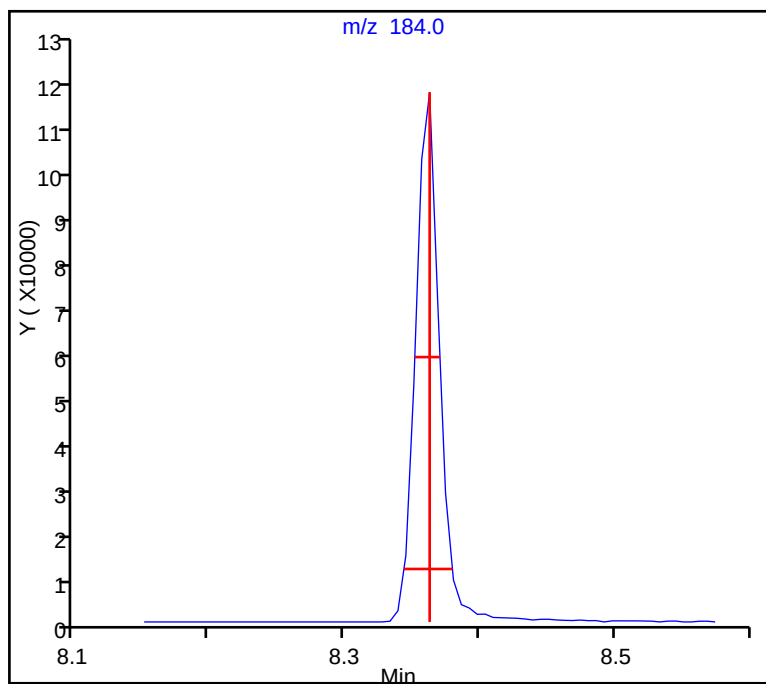
89 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.017 (min.)

Front Width = 0.019 (min.)

Tailing Factor = 0.9, Max. Tailing < 2.00
Passed



TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150526-27783.b\C16505.D
Injection Date: 26-May-2015 06:24:30 Instrument ID: CBNAMS13
Lims ID: dftpp
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: 8270LVI_R13

ALS Bottle#: 1 Worklist Smp#: 1
Dil. Factor: 1.0000
Limit Group: SV 8270D ICAL

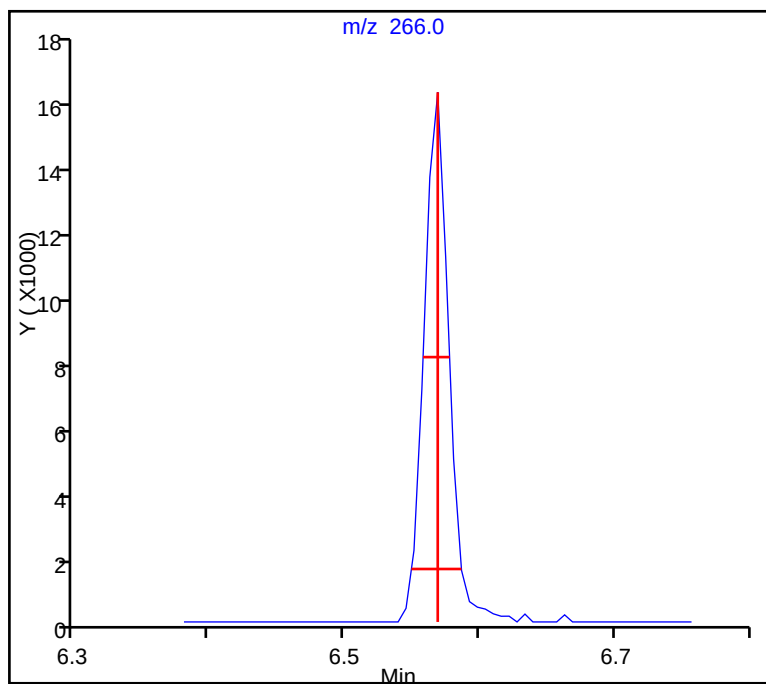
80 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.018 (min.)

Front Width = 0.020 (min.)

Tailing Factor = 0.9, Max. Tailing < 2.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N5993.D
 Lims ID: dftpp
 Client ID:
 Sample Type: DFTPP
 Inject. Date: 20-May-2015 17:51:30 ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027614-001
 Misc. Info.: DFTPP
 Operator ID: Instrument ID: CBNAMS14
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\8270LVI_14.m
 Limit Group: SV 8270D ICAL
 Last Update: 21-May-2015 13:03:54 Calib Date: 21-May-2015 00:13:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6008.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK005

First Level Reviewer: baig

Date: 20-May-2015 18:01:31

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
31 Pentachlorophenol_T	266	4.669	4.669	0.000	93	114455	NR	NR	7
56 Benzidine_T	184	6.487	6.487	0.000	99	725592	NR	NR	7
124 DFTPP									
126 4,4'-DDD	235	7.134	7.134	0.000	94	5499		NR	7
127 4,4'-DDT	235	7.457	7.457	0.000	98	278632	NR	NR	7

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

7 - Failed Limit of Detection

Reagents:

SMDFTP_CH_00010

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N5993.D

Injection Date: 20-May-2015 17:51:30

Instrument ID: CBNAMS14

Lims ID: dftpp

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 5.0 ul

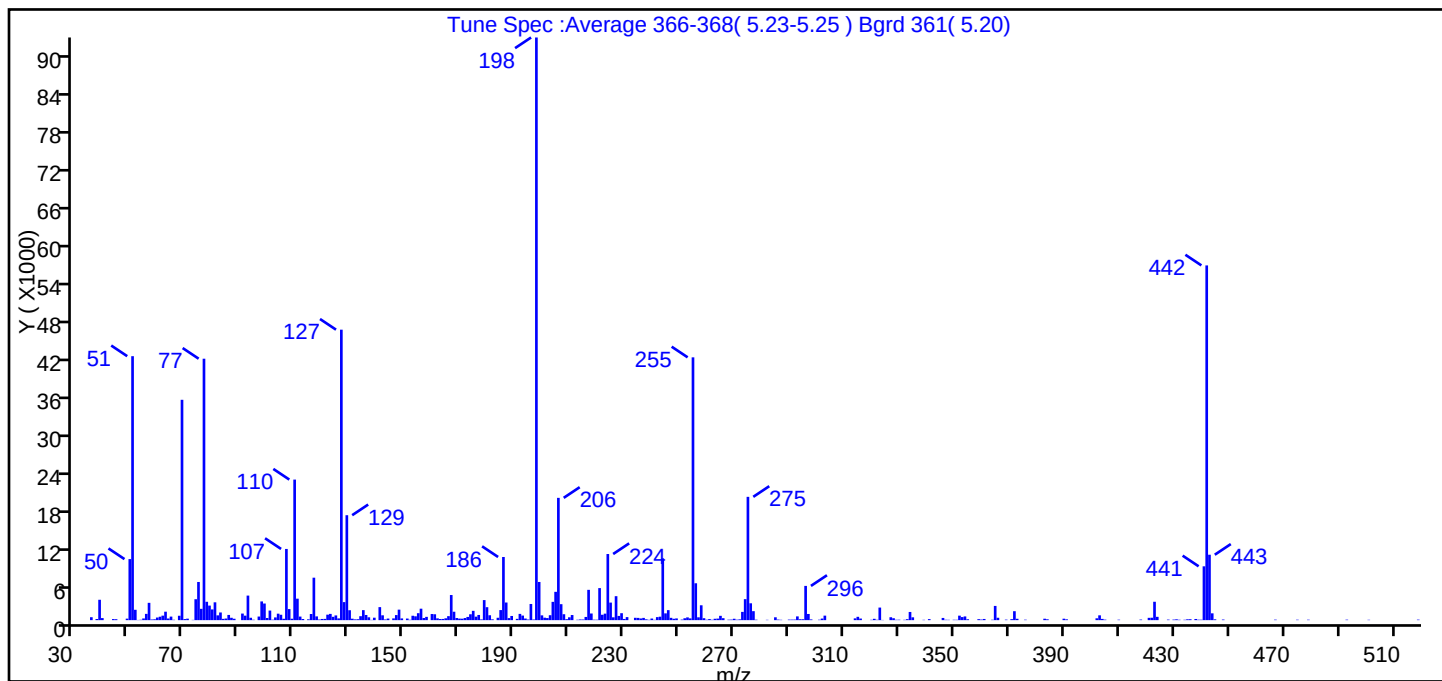
Dil. Factor: 1.0000

Method: 8270LVI_14

Limit Group: SV 8270D ICAL

Tune Method: DFTPP Method 8270

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	45.3
68	<2% of mass 69	0.8 (2.0)
69	Present	37.8
70	<2% of mass 69	0.2 (0.5)
127	40-60% of mass 198	49.9
197	<1% of mass 198	0.1
199	5-9% of mass 198	6.6
275	10-30% of mass 198	21.2
365	>1% of mass 198	2.4
441	Present but less than mass 443	9.2 (82.3)
442	>40% of mass 198	60.9
443	17-23% of mass 442	11.2 (18.4)

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N5993.D\8270LVI_14.rslt\spectra.d
Injection Date: 20-May-2015 17:51:30
Spectrum: Tune Spec :Average 366-368(5.23-5.25) Bgrd 361(5.20)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 311

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	464	127.00	45928	211.00	808	301.00	69
38.00	179	128.00	2851	212.00	4	302.00	248
39.00	3222	129.00	16592	213.00	64	303.00	712
40.00	324	130.00	1568	214.00	108	314.00	280
44.00	171	131.00	226	215.00	101	315.00	526
45.00	148	132.00	123	216.00	507	316.00	251
49.00	236	133.00	144	217.00	4792	320.00	58
50.00	9652	134.00	626	218.00	1051	321.00	210
51.00	41736	135.00	1582	219.00	76	322.00	60
52.00	1637	136.00	815	220.00	72	323.00	1988
53.00	31	137.00	450	221.00	5067	324.00	32
54.00	59	138.00	42	222.00	852	327.00	458
55.00	267	139.00	387	223.00	1027	328.00	302
56.00	991	141.00	2060	224.00	10456	329.00	61
57.00	2737	142.00	765	225.00	2774	330.00	71
58.00	103	143.00	107	226.00	447	332.00	53
59.00	139	144.00	250	227.00	3790	333.00	153
60.00	413	146.00	277	228.00	666	334.00	1293
61.00	541	147.00	800	229.00	1098	335.00	447
62.00	710	148.00	1659	230.00	186	339.00	51
63.00	1337	149.00	272	231.00	479	341.00	162
64.00	258	151.00	252	234.00	371	346.00	349
65.00	560	152.00	56	235.00	355	347.00	64
66.00	60	153.00	694	236.00	265	348.00	54
68.00	693	154.00	608	237.00	355	350.00	62
69.00	34840	155.00	1099	238.00	130	351.00	58
70.00	169	156.00	1811	239.00	54	352.00	709
71.00	234	157.00	336	240.00	253	353.00	484
73.00	41	158.00	519	241.00	53	354.00	587
74.00	3309	160.00	967	242.00	478	355.00	138
75.00	6034	161.00	929	243.00	545	359.00	155
76.00	1790	162.00	284	244.00	9774	360.00	95
77.00	41336	163.00	177	245.00	1071	361.00	187

Report Date: 21-May-2015 13:03:55

Chrom Revision: 2.2 14-May-2015 11:41:56

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N5993.D\8270LVI_14.rslt\spectra.d

Injection Date: 20-May-2015 17:51:30

Spectrum: Tune Spec :Average 366-368(5.23-5.25) Bgrd 361(5.20)

Base Peak: 198.00

Minimum % Base Peak: 0

Number of Points: 311

m/z	Y	m/z	Y	m/z	Y	m/z	Y
78.00	2902	164.00	190	246.00	1582	364.00	66
79.00	2301	165.00	292	247.00	364	365.00	2248
80.00	1696	166.00	631	248.00	217	366.00	376
81.00	2820	167.00	3972	249.00	272	369.00	82
82.00	758	168.00	1331	251.00	87	371.00	155
83.00	1212	169.00	335	252.00	298	372.00	1414
84.00	204	170.00	245	253.00	435	373.00	214
85.00	256	171.00	229	254.00	276	376.00	73
86.00	823	172.00	332	255.00	41552	383.00	225
87.00	373	173.00	507	256.00	5831	384.00	135
88.00	220	174.00	929	257.00	448	390.00	228
91.00	1041	175.00	1471	258.00	2350	391.00	130
92.00	710	176.00	551	259.00	304	402.00	292
93.00	3882	177.00	819	260.00	65	403.00	762
94.00	376	178.00	114	261.00	167	404.00	196
95.00	66	179.00	3171	262.00	58	405.00	81
97.00	569	180.00	2047	263.00	218	410.00	72
98.00	2959	181.00	774	264.00	244	418.00	91
99.00	2627	182.00	126	265.00	683	421.00	365
100.00	338	184.00	376	266.00	310	422.00	381
101.00	1515	185.00	1591	268.00	72	423.00	2907
102.00	74	186.00	9985	269.00	88	424.00	524
103.00	430	187.00	2788	270.00	219	428.00	88
104.00	1023	188.00	323	271.00	74	430.00	87
105.00	851	189.00	661	272.00	122	431.00	133
106.00	216	191.00	203	273.00	1305	432.00	60
107.00	11257	192.00	988	274.00	3317	434.00	60
108.00	1750	193.00	723	275.00	19496	435.00	135
109.00	224	194.00	255	276.00	2665	436.00	146
110.00	22224	195.00	97	277.00	1421	438.00	183
111.00	3395	196.00	2555	278.00	72	439.00	72
112.00	564	197.00	102	282.00	52	440.00	70
113.00	178	198.00	92128	283.00	1	441.00	8511
115.00	129	199.00	6036	285.00	451	442.00	56088

Report Date: 21-May-2015 13:03:55

Chrom Revision: 2.2 14-May-2015 11:41:56

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N5993.D\8270LVI_14.rslt\spectra.d

Injection Date: 20-May-2015 17:51:30

Spectrum: Tune Spec :Average 366-368(5.23-5.25) Bgrd 361(5.20)

Base Peak: 198.00

Minimum % Base Peak: 0

Number of Points: 311

m/z	Y	m/z	Y	m/z	Y	m/z	Y
116.00	970	200.00	756	286.00	90	443.00	10343
117.00	6713	201.00	388	287.00	55	444.00	1076
118.00	593	202.00	327	290.00	87	445.00	130
119.00	96	203.00	777	291.00	86	448.00	94
120.00	187	204.00	2893	292.00	93	467.00	79
121.00	200	205.00	4477	293.00	593	475.00	70
122.00	867	206.00	19336	294.00	142	479.00	71
123.00	988	207.00	2524	295.00	142	493.00	77
124.00	526	208.00	935	296.00	5413	501.00	56
125.00	747	209.00	154	297.00	975	519.00	81
126.00	275	210.00	449	298.00	113		

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N5993.D
Injection Date: 20-May-2015 17:51:30 Instrument ID: CBNAMS14
Lims ID: dftpp
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: 8270LVI_14

ALS Bottle#: 1 Worklist Smp#: 1
Dil. Factor: 1.0000
Limit Group: SV 8270D ICAL

127 4,4'-DDT, Detector: MS SCAN

SW-846 Method

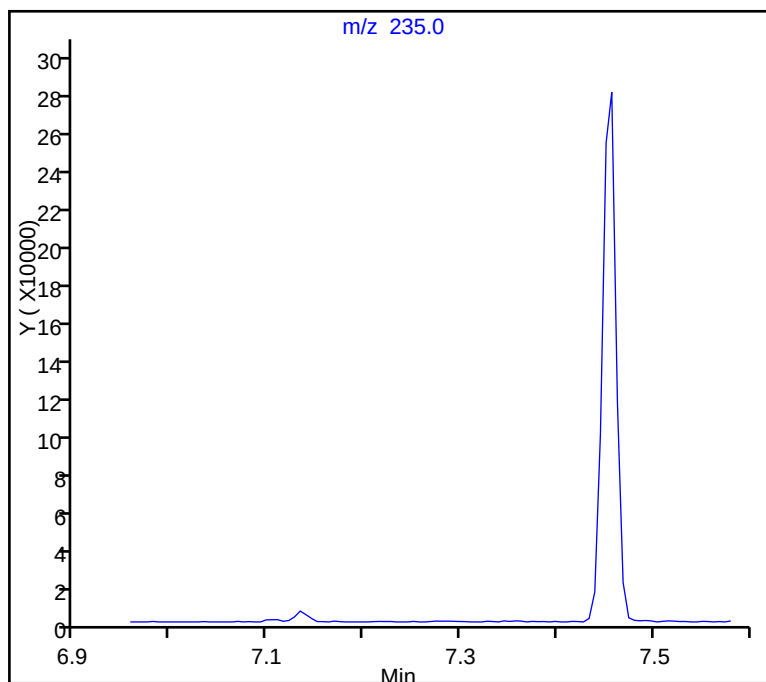
%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

127 4,4'-DDT, Area = 278632

126 4,4'-DDD, Area = 5499

125 4,4'-DDE, Area = 0

%Breakdown: 1.94%, Max Limit: 20.00%
Passed



TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N5993.D
Injection Date: 20-May-2015 17:51:30 Instrument ID: CBNAMS14
Lims ID: dftpp
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: 8270LVI_14

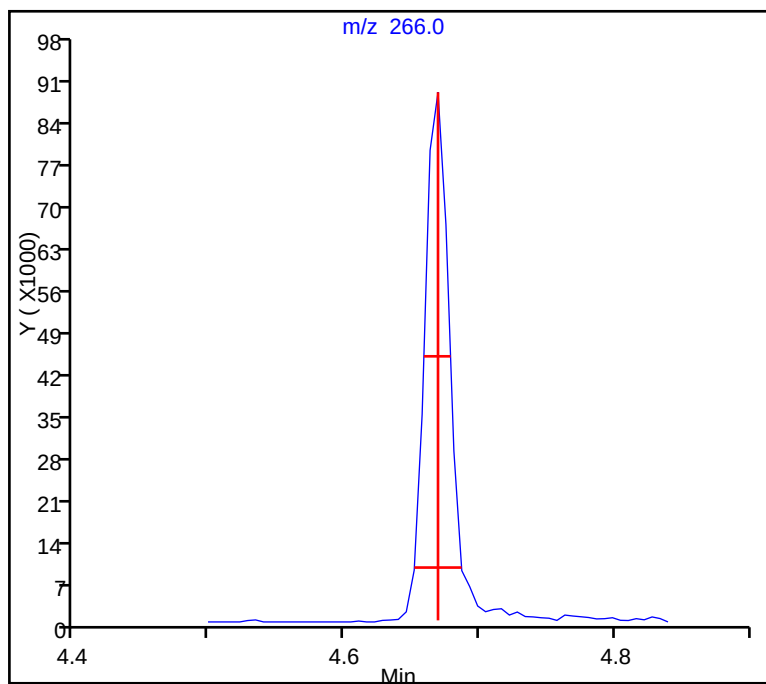
ALS Bottle#: 1 Worklist Smp#: 1
Dil. Factor: 1.0000
Limit Group: SV 8270D ICAL

31 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.017 (min.)
Front Width = 0.018 (min.)

Tailing Factor = 1.0, Max. Tailing < 2.00
Passed



TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N5993.D
Injection Date: 20-May-2015 17:51:30 Instrument ID: CBNAMS14
Lims ID: dftpp
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: 8270LVI_14

ALS Bottle#: 1 Worklist Smp#: 1
Dil. Factor: 1.0000
Limit Group: SV 8270D ICAL

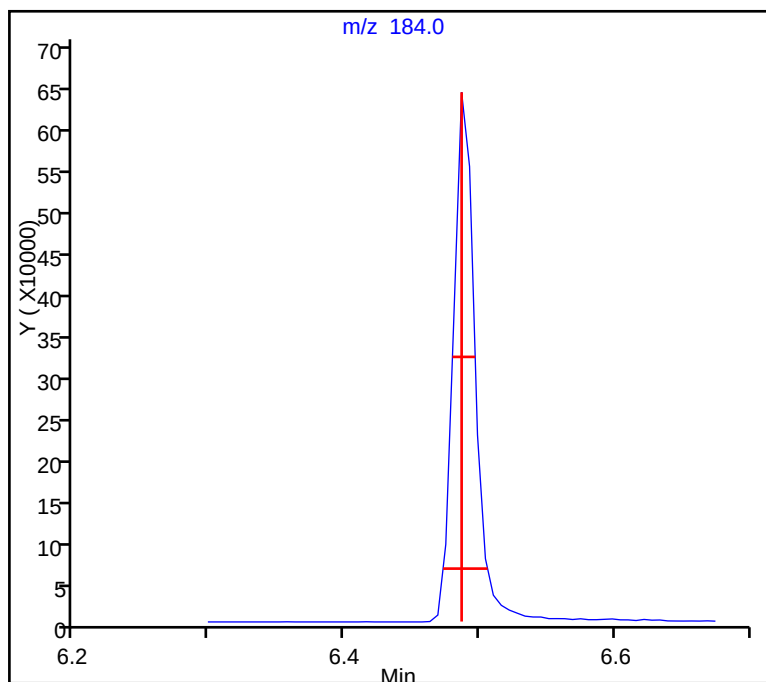
56 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.019 (min.)

Front Width = 0.014 (min.)

Tailing Factor = 1.4, Max. Tailing < 2.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150521-27631.b\N6011.D
 Lims ID: dftpp
 Client ID:
 Sample Type: DFTPP
 Inject. Date: 21-May-2015 03:43:30 ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027631-001
 Misc. Info.: DFTPP
 Operator ID: Instrument ID: CBNAMS14
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150521-27631.b\8270LVI_14.m
 Limit Group: SV 8270D ICAL
 Last Update: 21-May-2015 15:26:13 Calib Date: 21-May-2015 00:13:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6008.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK024

First Level Reviewer: sangfaib

Date: 21-May-2015 22:00:20

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
31 Pentachlorophenol_T	266	4.687	4.687	0.000	93	146551	NR	NR	7
56 Benzidine_T	184	6.504	6.504	0.000	100	978674	NR	NR	7
124 DFTPP									
126 4,4'-DDD	235	7.151	7.151	0.000	92	7451		NR	7
127 4,4'-DDT	235	7.469	7.469	0.000	98	367173	NR	NR	7

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

7 - Failed Limit of Detection

Reagents:

SMDFTP_CH_00010

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150521-27631.b\N6011.D

Injection Date: 21-May-2015 03:43:30

Instrument ID: CBNAMS14

Lims ID: dftpp

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 5.0 ul

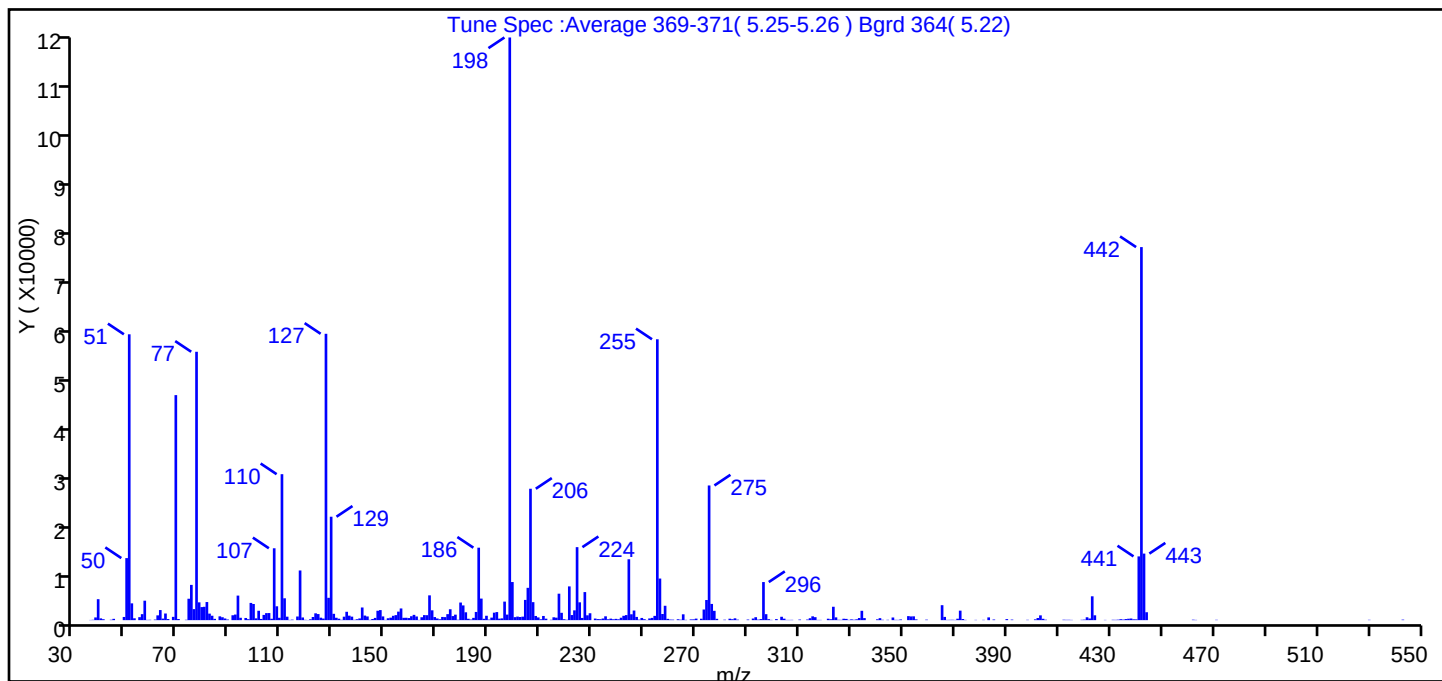
Dil. Factor: 1.0000

Method: 8270LVI_14

Limit Group: SV 8270D ICAL

Tune Method: DFTPP Method 8270

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	49.1
68	<2% of mass 69	0.6 (1.5)
69	Present	38.6
70	<2% of mass 69	0.2 (0.5)
127	40-60% of mass 198	49.1
197	<1% of mass 198	1.0
199	5-9% of mass 198	6.5
275	10-30% of mass 198	23.1
365	>1% of mass 198	2.6
441	Present but less than mass 443	10.9 (95.8)
442	>40% of mass 198	64.0
443	17-23% of mass 442	11.4 (17.8)

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150521-27631.b\N6011.D\8270LVI_14.rslt\spectra.d
Injection Date: 21-May-2015 03:43:30
Spectrum: Tune Spec :Average 369-371(5.25-5.26) Bgrd 364(5.22)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 331

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	41	133.00	72	217.00	5439	317.00	52
37.00	73	134.00	711	218.00	1509	318.00	53
38.00	555	135.00	1719	219.00	187	321.00	292
39.00	4308	136.00	921	220.00	82	322.00	184
40.00	362	137.00	717	221.00	6939	323.00	2752
41.00	189	138.00	69	222.00	1046	324.00	570
44.00	81	139.00	187	223.00	2012	325.00	74
45.00	269	140.00	350	224.00	15008	326.00	63
49.00	654	141.00	2602	225.00	3663	327.00	288
50.00	12756	142.00	941	226.00	454	328.00	257
51.00	58768	143.00	761	227.00	5771	329.00	60
52.00	3452	144.00	59	228.00	993	330.00	159
53.00	378	145.00	235	229.00	1417	331.00	88
55.00	613	146.00	461	231.00	326	332.00	170
56.00	1231	147.00	1931	232.00	215	333.00	434
57.00	3999	148.00	2067	233.00	194	334.00	1920
58.00	58	149.00	766	234.00	333	335.00	420
59.00	75	150.00	55	235.00	787	340.00	169
61.00	118	151.00	389	236.00	178	341.00	407
62.00	984	152.00	511	237.00	307	342.00	73
63.00	2073	153.00	890	238.00	176	344.00	69
64.00	316	154.00	1030	239.00	263	346.00	545
65.00	1365	155.00	1749	240.00	177	347.00	66
66.00	229	156.00	2404	241.00	499	348.00	57
68.00	674	157.00	478	242.00	893	349.00	140
69.00	46264	158.00	490	243.00	1037	352.00	825
70.00	234	159.00	428	244.00	12518	353.00	762
73.00	76	160.00	806	245.00	1205	354.00	782
74.00	4402	161.00	1087	246.00	1976	355.00	158
75.00	7248	162.00	754	247.00	663	359.00	103
76.00	2265	163.00	53	248.00	103	365.00	3075
77.00	55176	164.00	596	249.00	453	366.00	665
78.00	3659	165.00	1036	250.00	192	367.00	58

Report Date: 21-May-2015 15:26:15

Chrom Revision: 2.2 14-May-2015 11:41:56

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150521-27631.b\N6011.D\8270LVI_14.rslt\spectra.d

Injection Date: 21-May-2015 03:43:30

Spectrum: Tune Spec :Average 369-371(5.25-5.26) Bgrd 364(5.22)

Base Peak: 198.00

Minimum % Base Peak: 0

Number of Points: 331

m/z	Y	m/z	Y	m/z	Y	m/z	Y
79.00	2684	166.00	1019	251.00	38	368.00	72
80.00	2742	167.00	5097	252.00	350	369.00	78
81.00	3722	168.00	2021	253.00	463	370.00	51
82.00	1341	169.00	630	254.00	878	371.00	293
83.00	906	170.00	342	255.00	57744	372.00	1952
84.00	267	171.00	184	256.00	8550	373.00	233
86.00	783	172.00	657	257.00	1264	374.00	55
87.00	598	173.00	621	258.00	2955	378.00	56
88.00	341	174.00	1232	259.00	265	381.00	63
89.00	131	175.00	2240	260.00	117	383.00	566
91.00	1007	176.00	837	261.00	103	385.00	131
92.00	1147	177.00	1129	263.00	182	390.00	215
93.00	5047	178.00	85	264.00	92	392.00	114
94.00	486	179.00	3618	265.00	1199	398.00	71
96.00	446	180.00	3027	266.00	64	401.00	162
97.00	194	181.00	1614	268.00	151	402.00	439
98.00	3541	182.00	285	269.00	162	403.00	984
99.00	3318	183.00	127	270.00	313	404.00	278
100.00	366	184.00	469	272.00	291	405.00	91
101.00	1926	185.00	1685	273.00	2183	412.00	88
102.00	245	186.00	14896	274.00	4138	413.00	70
103.00	1079	187.00	4432	275.00	27688	414.00	73
104.00	1444	188.00	279	276.00	3333	415.00	53
105.00	1456	189.00	901	277.00	1916	419.00	75
106.00	286	190.00	113	278.00	271	420.00	112
107.00	14776	191.00	518	281.00	92	421.00	592
108.00	2847	192.00	1536	283.00	295	422.00	337
109.00	482	193.00	1657	284.00	186	423.00	4902
110.00	30008	194.00	309	285.00	376	424.00	994
111.00	4493	195.00	366	286.00	104	428.00	50
112.00	711	196.00	3811	290.00	125	431.00	76
113.00	52	197.00	1139	292.00	330	432.00	68
114.00	104	198.00	119792	293.00	603	433.00	99
116.00	749	199.00	7834	294.00	111	434.00	190

Report Date: 21-May-2015 15:26:15

Chrom Revision: 2.2 14-May-2015 11:41:56

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150521-27631.b\N6011.D\8270LVI_14.rslt\spectra.d

Injection Date: 21-May-2015 03:43:30

Spectrum: Tune Spec :Average 369-371(5.25-5.26) Bgrd 364(5.22)

Base Peak: 198.00

Minimum % Base Peak: 0

Number of Points: 331

m/z	Y	m/z	Y	m/z	Y	m/z	Y
117.00	10212	200.00	614	295.00	219	435.00	120
118.00	550	201.00	728	296.00	7831	436.00	223
119.00	72	202.00	647	297.00	1227	437.00	287
120.00	35	203.00	717	298.00	202	438.00	332
121.00	179	204.00	4157	299.00	59	439.00	171
122.00	650	205.00	6643	301.00	216	440.00	160
123.00	1401	206.00	27016	303.00	693	441.00	13106
124.00	1247	207.00	3698	304.00	304	442.00	76696
125.00	503	208.00	858	305.00	53	443.00	13683
126.00	326	209.00	557	306.00	52	444.00	1627
127.00	58872	210.00	180	307.00	61	462.00	93
128.00	4589	211.00	860	310.00	123	463.00	53
129.00	21264	212.00	299	313.00	127	471.00	71
130.00	1304	214.00	76	314.00	394	530.00	69
131.00	491	215.00	588	315.00	783	543.00	105
132.00	297	216.00	508	316.00	611		

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150521-27631.b\N6011.D
Injection Date: 21-May-2015 03:43:30 Instrument ID: CBNAMS14
Lims ID: dftpp
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: 8270LVI_14

ALS Bottle#: 1 Worklist Smp#: 1
Dil. Factor: 1.0000
Limit Group: SV 8270D ICAL

127 4,4'-DDT, Detector: MS SCAN

SW-846 Method

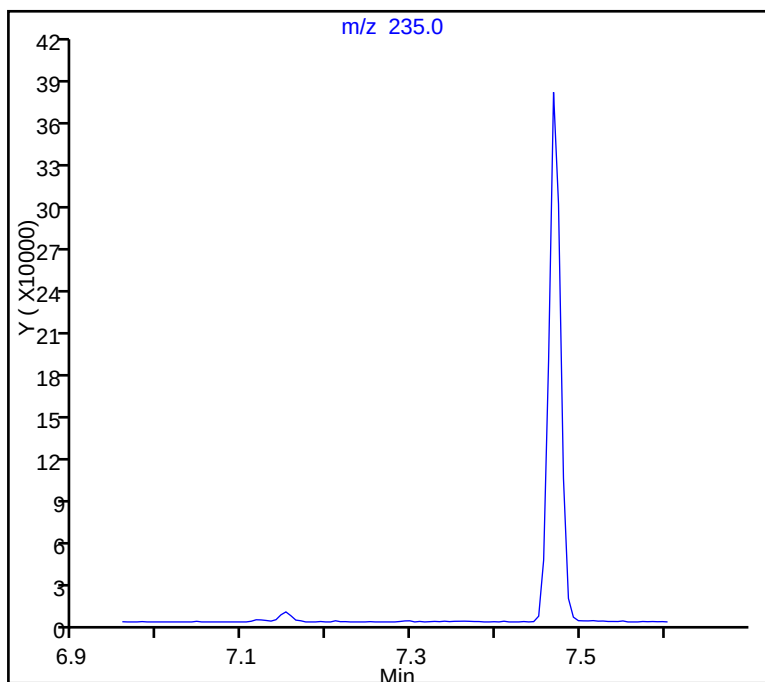
%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

127 4,4'-DDT, Area = 367173

126 4,4'-DDD, Area = 7451

125 4,4'-DDE, Area = 0

%Breakdown: 1.99%, Max Limit: 20.00%
Passed



TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150521-27631.b\N6011.D
Injection Date: 21-May-2015 03:43:30 Instrument ID: CBNAMS14
Lims ID: dftpp
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: 8270LVI_14

ALS Bottle#: 1 Worklist Smp#: 1
Dil. Factor: 1.0000
Limit Group: SV 8270D ICAL

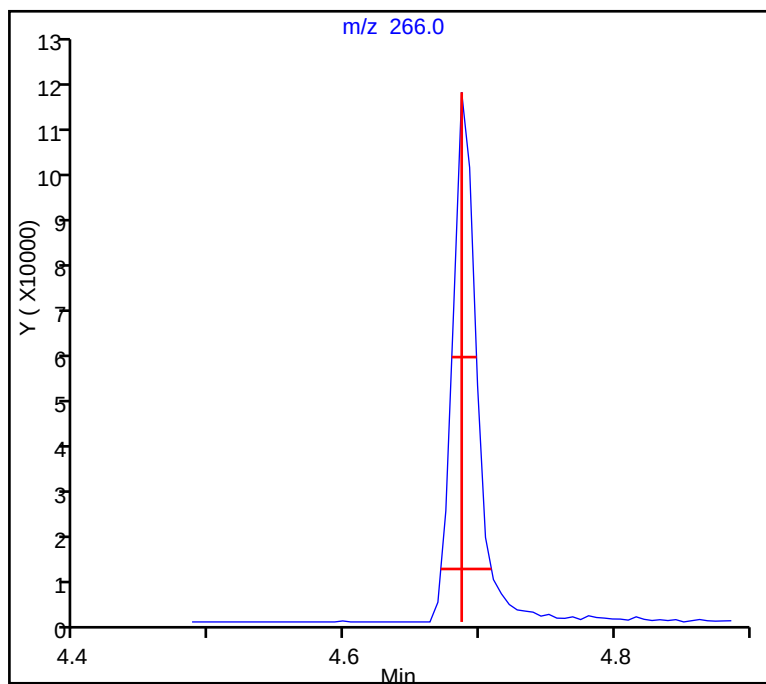
31 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.022 (min.)

Front Width = 0.016 (min.)

Tailing Factor = 1.4, Max. Tailing < 2.00
Passed



TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150521-27631.b\N6011.D
Injection Date: 21-May-2015 03:43:30 Instrument ID: CBNAMS14
Lims ID: dftpp
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: 8270LVI_14

ALS Bottle#: 1 Worklist Smp#: 1
Dil. Factor: 1.0000
Limit Group: SV 8270D ICAL

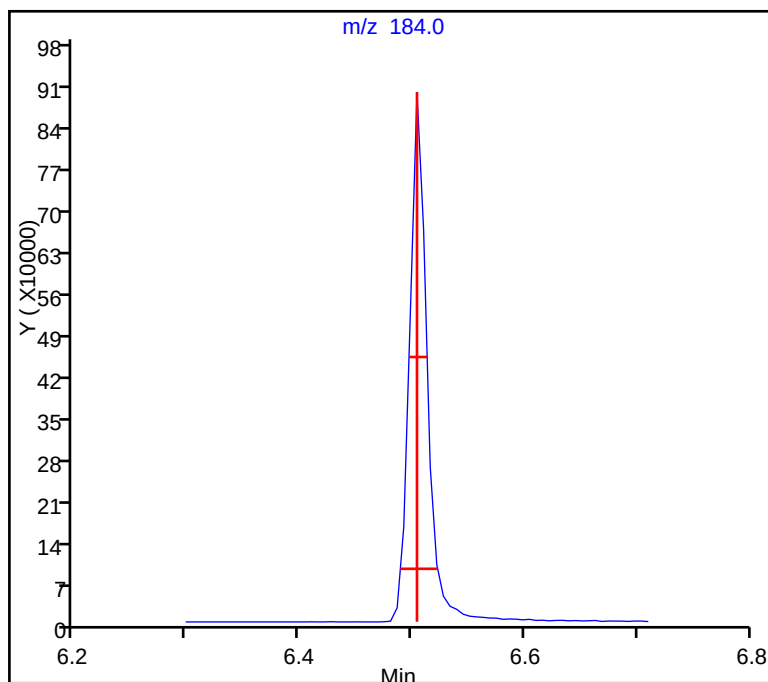
56 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.018 (min.)

Front Width = 0.015 (min.)

Tailing Factor = 1.2, Max. Tailing < 2.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93087.D
 Lims ID: dftpp
 Client ID:
 Sample Type: DFTPP
 Inject. Date: 23-May-2015 15:00:30 ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027763-001
 Misc. Info.: dftpp
 Operator ID: Instrument ID: CBNAMS6
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\8270LVI_R6.m
 Limit Group: SV 8270D ICAL
 Last Update: 24-May-2015 09:22:24 Calib Date: 23-May-2015 20:34:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93102.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK024

First Level Reviewer: baig

Date: 23-May-2015 15:08:25

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
16 Pentachlorophenol_T	266	4.433	4.433	0.000	90	2398661	NR	NR	7
43 Benzidine_T	184	6.104	6.104	0.000	96	6814986	NR	NR	7
124 DFTPP									
126 4,4'-DDD	235	6.718	6.718	0.000	92	104801		NR	7
127 4,4'-DDT	235	7.025	7.025	0.000	93	4393305	NR	NR	7

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

7 - Failed Limit of Detection

Reagents:

SMDFTP_CH_00009

Amount Added: 1.00

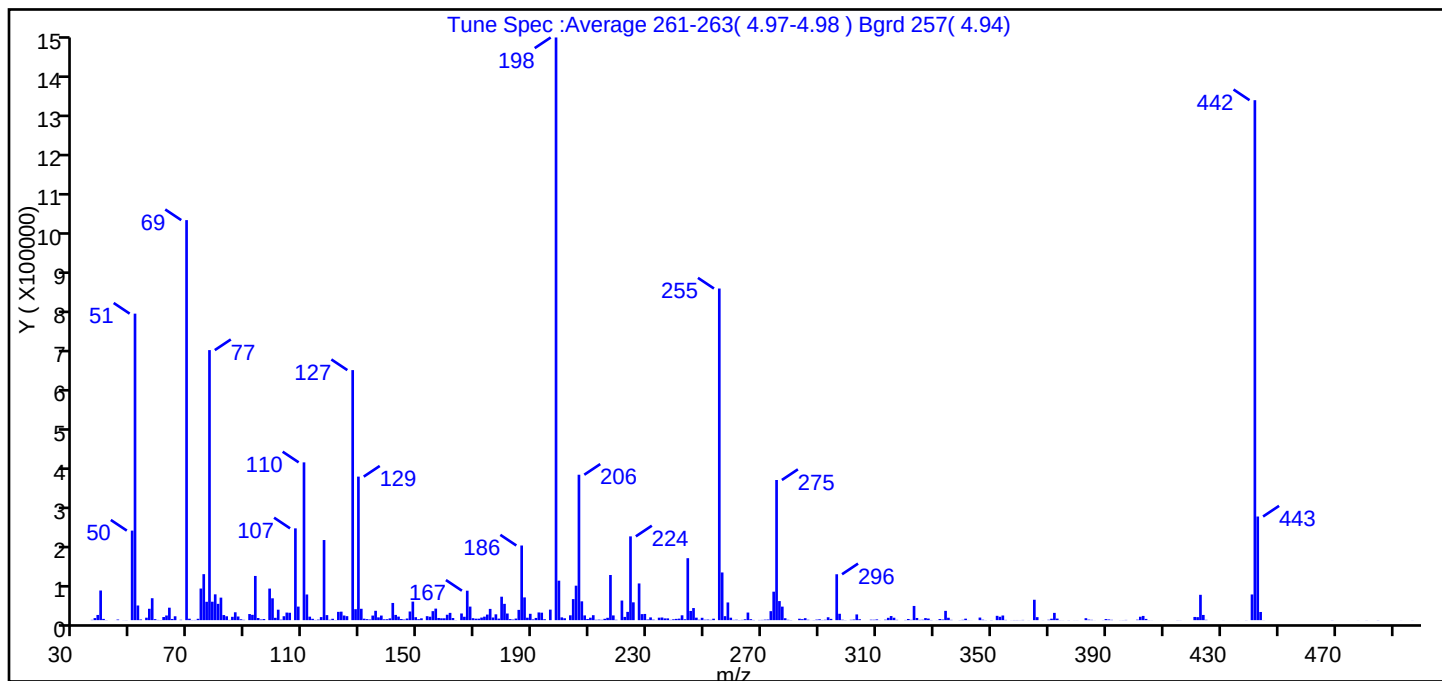
Units: mL

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93087.D
Injection Date: 23-May-2015 15:00:30 Instrument ID: CBNAMS6
Lims ID: dftpp
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: 8270LVI_R6
Tune Method: DFTPP Method 8270

ALS Bottle#: 1 Worklist Smp#: 1
Dil. Factor: 1.0000
Limit Group: SV 8270D ICAL

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	52.6
68	<2% of mass 69	0.0 (0.0)
69	Present	68.7
70	<2% of mass 69	0.2 (0.4)
127	40-60% of mass 198	42.9
197	<1% of mass 198	0.0
199	5-9% of mass 198	6.8
275	10-30% of mass 198	24.1
365	>1% of mass 198	3.5
441	Present but less than mass 443	4.4 (24.8)
442	>40% of mass 198	89.2
443	17-23% of mass 442	17.8 (19.9)

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93087.D\8270LVI_R6.rsl\spectra.d
Injection Date: 23-May-2015 15:00:30
Spectrum: Tune Spec :Average 261-263(4.97-4.98) Bgrd 257(4.94)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 340

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	770	132.00	2561	223.00	20784	321.00	2935
37.00	5167	133.00	1615	224.00	210688	322.00	829
38.00	13056	134.00	11525	225.00	44816	323.00	35696
39.00	74520	135.00	23536	227.00	92304	324.00	5435
40.00	3146	136.00	6984	228.00	15157	325.00	683
41.00	293	137.00	11539	229.00	15585	326.00	1007
44.00	85	138.00	2089	230.00	1650	327.00	5214
45.00	1594	139.00	2357	231.00	6905	328.00	3991
47.00	167	140.00	4425	232.00	1237	329.00	416
48.00	249	141.00	43232	233.00	136	331.00	172
50.00	225152	142.00	13164	234.00	6187	332.00	2741
51.00	770816	143.00	8897	235.00	6640	333.00	1523
52.00	36856	144.00	2778	236.00	4349	334.00	23344
53.00	1678	145.00	1465	237.00	4432	335.00	5985
55.00	6159	146.00	4098	238.00	681	336.00	690
56.00	28600	147.00	21768	239.00	2128	339.00	306
57.00	55144	148.00	46624	240.00	3169	340.00	779
58.00	2487	149.00	7421	241.00	3747	341.00	3702
59.00	535	150.00	2422	242.00	12201	342.00	199
60.00	368	151.00	4561	243.00	2221	343.00	105
61.00	7799	153.00	9965	244.00	155840	346.00	6495
62.00	11709	154.00	8625	245.00	23112	347.00	1097
63.00	31320	155.00	22624	246.00	30416	348.00	243
64.00	2965	156.00	29016	247.00	6228	350.00	373
65.00	9723	157.00	5478	248.00	977	352.00	10856
67.00	912	158.00	4649	249.00	5914	353.00	8494
69.00	1006016	159.00	4671	250.00	1104	354.00	11676
70.00	3601	160.00	13573	251.00	1470	355.00	629
71.00	382	161.00	18304	252.00	751	357.00	195
72.00	484	162.00	5356	253.00	3630	358.00	387
73.00	3410	163.00	276	255.00	833984	359.00	391
74.00	79480	165.00	16776	256.00	119920	360.00	215
75.00	115640	166.00	8491	257.00	10028	361.00	565

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93087.D\8270LVI_R6.rsl\spectra.d

Injection Date: 23-May-2015 15:00:30

Spectrum: Tune Spec :Average 261-263(4.97-4.98) Bgrd 257(4.94)

Base Peak: 198.00

Minimum % Base Peak: 0

Number of Points: 340

m/z	Y	m/z	Y	m/z	Y	m/z	Y
76.00	46160	167.00	74024	258.00	44496	363.00	127
77.00	679104	168.00	34048	259.00	6152	365.00	51280
78.00	46352	169.00	4919	260.00	707	366.00	7493
79.00	64896	170.00	3674	261.00	1107	368.00	170
80.00	40984	171.00	3710	262.00	381	370.00	934
81.00	56632	172.00	6473	263.00	702	371.00	3604
82.00	12781	173.00	8770	264.00	2171	372.00	18264
83.00	9734	174.00	14040	265.00	19120	373.00	3894
84.00	621	175.00	28280	266.00	2407	374.00	217
85.00	8365	176.00	6649	267.00	473	375.00	146
86.00	19784	177.00	14645	269.00	505	377.00	272
87.00	9159	178.00	3879	270.00	639	379.00	143
88.00	2166	179.00	58952	271.00	1283	380.00	153
89.00	758	180.00	40992	272.00	1547	383.00	4885
91.00	15315	181.00	16656	273.00	22624	384.00	1303
92.00	13381	182.00	2613	274.00	71576	385.00	761
93.00	111152	183.00	1459	275.00	352448	386.00	108
94.00	5347	184.00	3984	276.00	47936	389.00	227
95.00	1644	185.00	25800	277.00	34016	390.00	2736
96.00	2773	186.00	187712	278.00	4782	391.00	1723
98.00	79384	187.00	57216	279.00	885	392.00	777
99.00	54912	188.00	6132	280.00	348	395.00	168
100.00	5872	189.00	15956	283.00	3577	396.00	260
101.00	26296	190.00	1900	284.00	2427	397.00	574
102.00	1234	191.00	5568	285.00	4945	401.00	1169
103.00	9863	192.00	19392	286.00	1009	402.00	8587
104.00	19032	193.00	18776	287.00	120	403.00	10624
105.00	18568	194.00	2276	288.00	361	404.00	3057
106.00	92	196.00	26480	289.00	1332	405.00	226
107.00	230848	198.00	1465344	290.00	2171	406.00	140
108.00	34064	199.00	99264	291.00	483	410.00	162
110.00	396800	200.00	6954	292.00	1030	415.00	260
111.00	64528	201.00	4712	293.00	7249	416.00	185
112.00	8774	203.00	12165	294.00	3186	421.00	8008

Report Date: 24-May-2015 09:22:25

Chrom Revision: 2.2 14-May-2015 11:41:56

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93087.D\8270LVI_R6.rsl\spectra.d

Injection Date: 23-May-2015 15:00:30

Spectrum: Tune Spec :Average 261-263(4.97-4.98) Bgrd 257(4.94)

Base Peak: 198.00

Minimum % Base Peak: 0

Number of Points: 340

m/z	Y	m/z	Y	m/z	Y	m/z	Y
113.00	3379	204.00	52912	296.00	115408	422.00	7534
114.00	529	205.00	86672	297.00	16011	423.00	63728
115.00	1328	206.00	365696	298.00	1070	424.00	13070
116.00	7683	207.00	47344	299.00	278	425.00	852
117.00	201472	208.00	11915	301.00	912	431.00	134
118.00	12658	209.00	2916	302.00	1549	436.00	101
119.00	907	210.00	6162	303.00	14401	439.00	232
120.00	3445	211.00	12441	304.00	2281	441.00	64592
121.00	419	212.00	928	308.00	1129	442.00	1307648
122.00	20848	213.00	1313	309.00	994	443.00	260608
123.00	21336	214.00	845	310.00	1870	444.00	20544
124.00	11636	215.00	3370	311.00	157	445.00	177
125.00	10005	216.00	5880	313.00	1182	469.00	261
127.00	628800	217.00	113544	314.00	5872	478.00	116
128.00	27576	218.00	11852	315.00	10298	481.00	187
129.00	360960	219.00	890	316.00	6055	485.00	301
130.00	28568	221.00	49280	317.00	757	493.00	112
131.00	3632	222.00	8131	320.00	497	497.00	164

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93087.D
Injection Date: 23-May-2015 15:00:30 Instrument ID: CBNAMS6
Lims ID: dftpp
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: 8270LVI_R6

ALS Bottle#: 1 Worklist Smp#: 1
Dil. Factor: 1.0000
Limit Group: SV 8270D ICAL

127 4,4'-DDT, Detector: MS SCAN

SW-846 Method

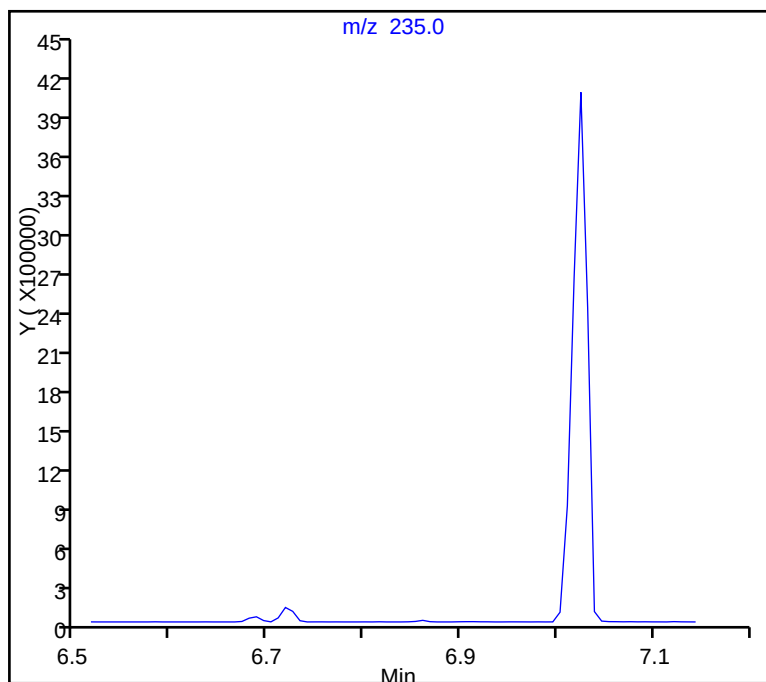
%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

127 4,4'-DDT, Area = 4393305

126 4,4'-DDD, Area = 104801

125 4,4'-DDE, Area = 0

%Breakdown: 2.33%, Max Limit: 20.00%
Passed



TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93087.D
Injection Date: 23-May-2015 15:00:30 Instrument ID: CBNAMS6
Lims ID: dftpp
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: 8270LVI_R6

ALS Bottle#: 1 Worklist Smp#: 1
Dil. Factor: 1.0000
Limit Group: SV 8270D ICAL

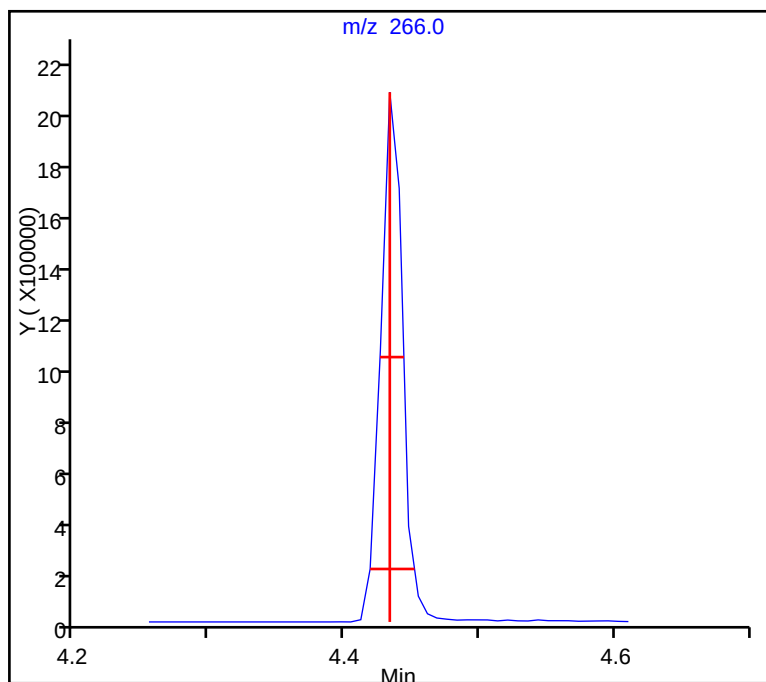
16 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.018 (min.)

Front Width = 0.015 (min.)

Tailing Factor = 1.3, Max. Tailing < 2.00
Passed



TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\93087.D
Injection Date: 23-May-2015 15:00:30 Instrument ID: CBNAMS6
Lims ID: dftpp
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: 8270LVI_R6

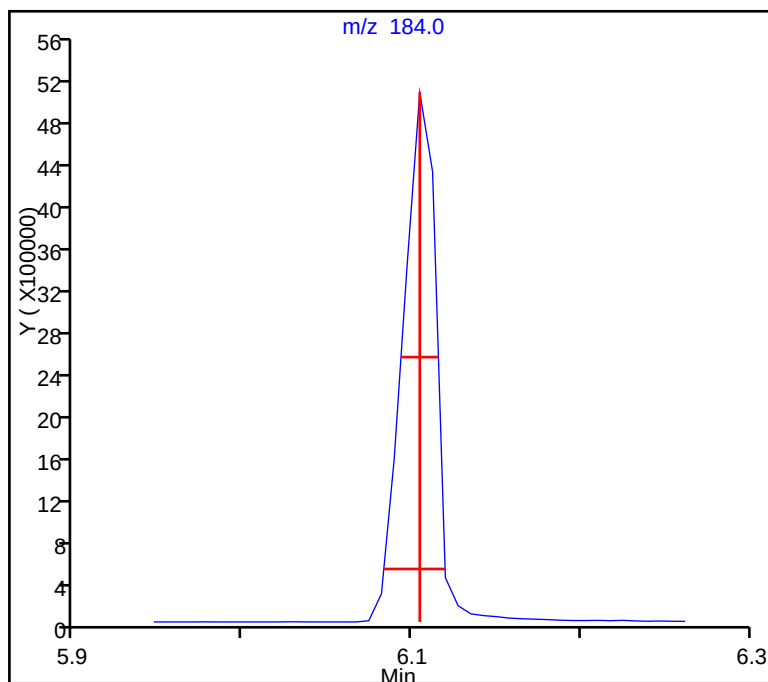
ALS Bottle#: 1 Worklist Smp#: 1
Dil. Factor: 1.0000
Limit Group: SV 8270D ICAL

43 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.015 (min.)
Front Width = 0.021 (min.)

Tailing Factor = 0.7, Max. Tailing < 2.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150524-27775.b\M93134.D
 Lims ID: dftpp
 Client ID:
 Sample Type: DFTPP
 Inject. Date: 24-May-2015 19:49:30 ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027775-001
 Misc. Info.: dftpp
 Operator ID: Instrument ID: CBNAMS6
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150524-27775.b\8270LVI_R6.m
 Limit Group: SV 8270D ICAL
 Last Update: 25-May-2015 19:39:17 Calib Date: 23-May-2015 20:34:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150523-27763.b\M93102.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK019

First Level Reviewer: asfawa

Date: 24-May-2015 19:54:41

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
16 Pentachlorophenol_T	266	4.439	4.439	0.000	91	3074978	NR	NR	7
43 Benzidine_T	184	6.104	6.104	0.000	96	6742764	NR	NR	7
124 DFTPP									
126 4,4'-DDD	235	6.717	6.717	0.000	93	142843		NR	7
125 4,4'-DDE	246	6.717	6.717	0.000	55	16627		NR	7
127 4,4'-DDT	235	7.019	7.019	0.000	92	4982153	NR	NR	7

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

7 - Failed Limit of Detection

Reagents:

SMDFTP_CH_00009

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150524-27775.b\M93134.D

Injection Date: 24-May-2015 19:49:30

Instrument ID: CBNAMS6

Lims ID: dftpp

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 5.0 ul

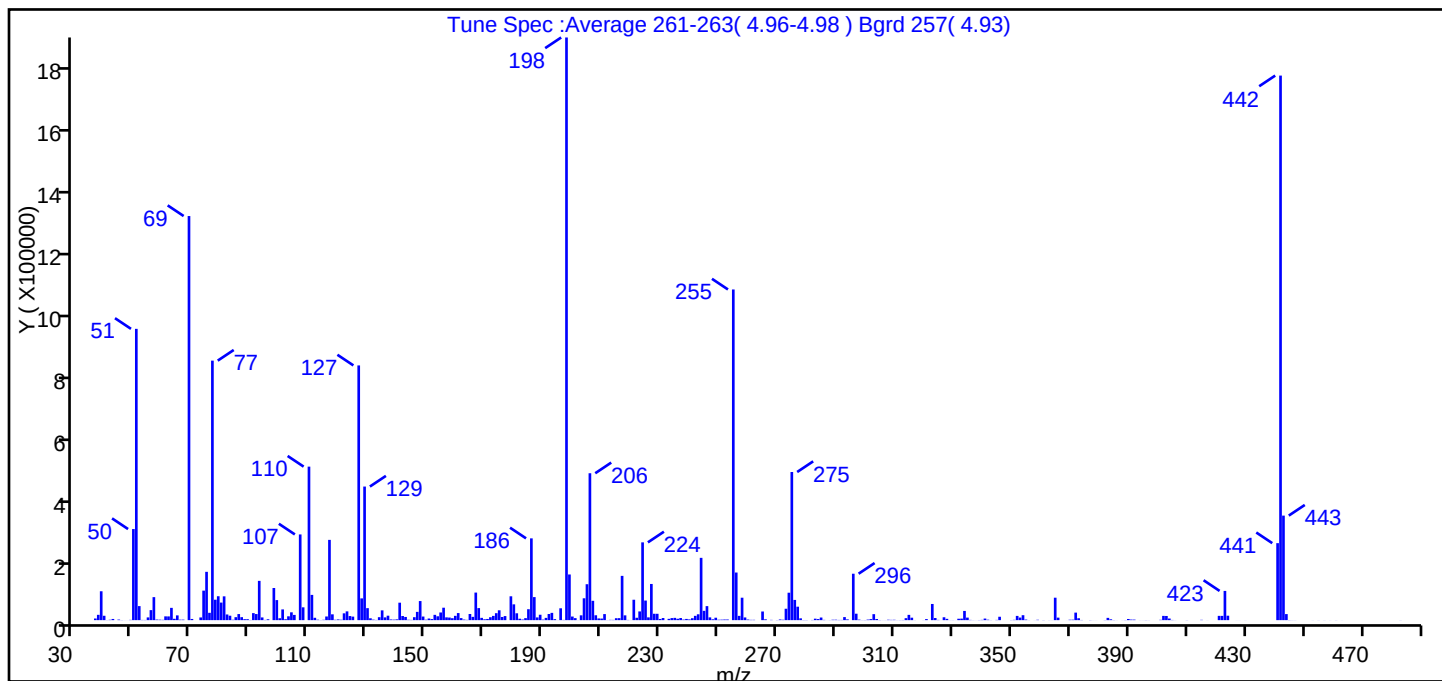
Dil. Factor: 1.0000

Method: 8270LVI_R6

Limit Group: SV 8270D ICAL

Tune Method: DFTPP Method 8270

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	50.0
68	<2% of mass 69	0.0 (0.0)
69	Present	69.4
70	<2% of mass 69	0.2 (0.3)
127	40-60% of mass 198	43.7
197	<1% of mass 198	0.0
199	5-9% of mass 198	7.8
275	10-30% of mass 198	25.4
365	>1% of mass 198	3.9
441	Present but less than mass 443	13.2 (73.6)
442	>40% of mass 198	93.5
443	17-23% of mass 442	17.9 (19.2)

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150524-27775.b\M93134.D\8270LVI_R6.rsl\spectra.d
Injection Date: 24-May-2015 19:49:30
Spectrum: Tune Spec :Average 261-263(4.96-4.98) Bgrd 257(4.93)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 358

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	5116	135.00	30488	226.00	8635	325.00	775
38.00	16568	136.00	8581	227.00	112768	326.00	107
39.00	90032	137.00	13856	228.00	19880	327.00	8961
40.00	13616	138.00	2156	229.00	19776	328.00	4052
41.00	320	139.00	1619	230.00	3670	329.00	217
42.00	1170	140.00	2463	231.00	6630	330.00	253
43.00	3697	141.00	54400	232.00	50	331.00	115
45.00	1777	142.00	12851	233.00	4056	332.00	4354
46.00	350	143.00	9933	234.00	6423	333.00	4784
47.00	146	144.00	1177	235.00	7097	334.00	28704
48.00	144	145.00	787	236.00	4329	335.00	7893
49.00	892	146.00	9199	237.00	6620	336.00	753
50.00	283904	147.00	25776	238.00	1778	337.00	248
51.00	907904	148.00	59480	239.00	3790	338.00	145
52.00	43752	149.00	11218	240.00	2282	339.00	469
53.00	690	150.00	1381	241.00	5990	340.00	860
54.00	615	151.00	5062	242.00	13385	341.00	4926
55.00	8533	152.00	3364	243.00	18224	342.00	1405
56.00	31200	153.00	16504	244.00	194176	343.00	256
57.00	71704	154.00	12037	245.00	29000	345.00	735
58.00	1860	155.00	23880	246.00	43688	346.00	10563
59.00	1420	156.00	38744	247.00	8609	350.00	391
60.00	986	157.00	8652	248.00	2671	351.00	971
61.00	11786	158.00	8054	249.00	7566	352.00	13210
62.00	11655	159.00	6011	250.00	1270	353.00	8050
63.00	38312	160.00	13405	251.00	1560	354.00	15375
64.00	4231	161.00	22064	252.00	2013	355.00	1778
65.00	14820	162.00	6353	253.00	2031	356.00	233
66.00	1451	163.00	1815	255.00	1030656	358.00	137
67.00	1582	164.00	872	256.00	148416	359.00	1175
69.00	1259520	165.00	19152	257.00	13307	361.00	345
70.00	3686	166.00	10261	258.00	69936	363.00	214
73.00	8392	167.00	85920	259.00	8392	364.00	188

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150524-27775.b\M93134.D\8270LVI_R6.rsl\spectra.d

Injection Date: 24-May-2015 19:49:30

Spectrum: Tune Spec :Average 261-263(4.96-4.98) Bgrd 257(4.93)

Base Peak: 198.00

Minimum % Base Peak: 0

Number of Points: 358

m/z	Y	m/z	Y	m/z	Y	m/z	Y
74.00	91984	168.00	37552	260.00	1908	365.00	69936
75.00	150592	169.00	7119	261.00	911	366.00	7800
76.00	22840	170.00	2704	262.00	976	369.00	114
77.00	808832	171.00	3698	265.00	26936	370.00	1285
78.00	63704	172.00	9116	266.00	2603	371.00	1458
79.00	74536	173.00	13226	268.00	820	372.00	23440
80.00	54720	174.00	21696	270.00	390	373.00	5875
81.00	74192	175.00	30696	271.00	2080	374.00	555
82.00	17688	176.00	9872	272.00	1267	377.00	407
83.00	13819	177.00	12678	273.00	35552	378.00	122
84.00	1199	179.00	74328	274.00	85488	379.00	104
85.00	9258	180.00	49248	275.00	461696	382.00	396
86.00	18936	181.00	21376	276.00	63040	383.00	7079
87.00	9279	182.00	4407	277.00	41928	384.00	2605
88.00	2991	183.00	1879	278.00	5621	385.00	370
89.00	2958	184.00	6255	279.00	443	386.00	141
90.00	543	185.00	34064	280.00	426	388.00	162
91.00	21872	186.00	254912	281.00	52	389.00	398
92.00	18960	187.00	71816	282.00	579	390.00	3583
93.00	122432	188.00	8488	283.00	4558	391.00	1784
94.00	8444	189.00	16840	284.00	3404	392.00	1657
95.00	692	190.00	1668	285.00	8181	394.00	171
96.00	2722	191.00	7065	286.00	814	395.00	137
98.00	100200	192.00	19128	287.00	124	396.00	345
99.00	62488	193.00	22696	288.00	305	397.00	182
100.00	5906	194.00	3100	289.00	1275	401.00	1048
101.00	33456	195.00	190	290.00	1389	402.00	13249
102.00	2772	196.00	36960	291.00	663	403.00	12985
103.00	12004	197.00	802	292.00	706	404.00	5034
104.00	24392	198.00	1816064	293.00	9496	405.00	604
105.00	16314	199.00	142336	294.00	2376	406.00	151
107.00	267136	200.00	11220	296.00	144704	410.00	310
108.00	39960	201.00	6244	297.00	20056	415.00	965
110.00	478464	202.00	202	298.00	1640	417.00	131

Report Date: 25-May-2015 19:39:18

Chrom Revision: 2.2 14-May-2015 11:41:56

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150524-27775.b\M93134.D\8270LVI_R6.rsl\spectra.d

Injection Date: 24-May-2015 19:49:30

Spectrum: Tune Spec :Average 261-263(4.96-4.98) Bgrd 257(4.93)

Base Peak: 198.00

Minimum % Base Peak: 0

Number of Points: 358

m/z	Y	m/z	Y	m/z	Y	m/z	Y
111.00	78688	203.00	14997	299.00	296	421.00	13329
112.00	7348	204.00	68120	300.00	406	422.00	13280
113.00	1410	205.00	111968	301.00	1722	423.00	91080
114.00	344	206.00	457856	302.00	3284	424.00	13801
115.00	1115	207.00	60240	303.00	18632	427.00	114
116.00	11407	208.00	15190	304.00	3586	428.00	113
117.00	250176	209.00	5341	305.00	478	430.00	124
118.00	18120	210.00	4913	306.00	170	441.00	239936
119.00	1182	211.00	18872	307.00	201	442.00	1697280
120.00	2239	212.00	291	308.00	1298	443.00	325824
121.00	1299	213.00	927	309.00	869	444.00	18856
122.00	21232	214.00	800	310.00	1116	445.00	441
123.00	27320	215.00	5989	311.00	266	446.00	231
124.00	12769	216.00	6181	312.00	374	447.00	197
125.00	10975	217.00	137984	313.00	538	453.00	137
127.00	793920	218.00	14903	314.00	6149	455.00	205
128.00	67832	219.00	678	315.00	16464	457.00	177
129.00	416384	220.00	163	316.00	7630	459.00	132
130.00	37384	221.00	63600	317.00	193	461.00	223
131.00	5792	222.00	7390	320.00	196	463.00	120
132.00	1604	223.00	27200	321.00	3296	483.00	230
133.00	623	224.00	242432	323.00	50400		
134.00	9194	225.00	61088	324.00	6596		

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150524-27775.b\M93134.D

Injection Date: 24-May-2015 19:49:30

Instrument ID: CBNAMS6

Lims ID: dftpp

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

Method: 8270LVI_R6

Limit Group: SV 8270D ICAL

127 4,4'-DDT, Detector: MS SCAN

SW-846 Method

%Breakdown =

$$\left(\frac{\text{Area Breakdown Cpnds}}{\text{Total Area Breakdown Cpnds}} \right) * 100$$

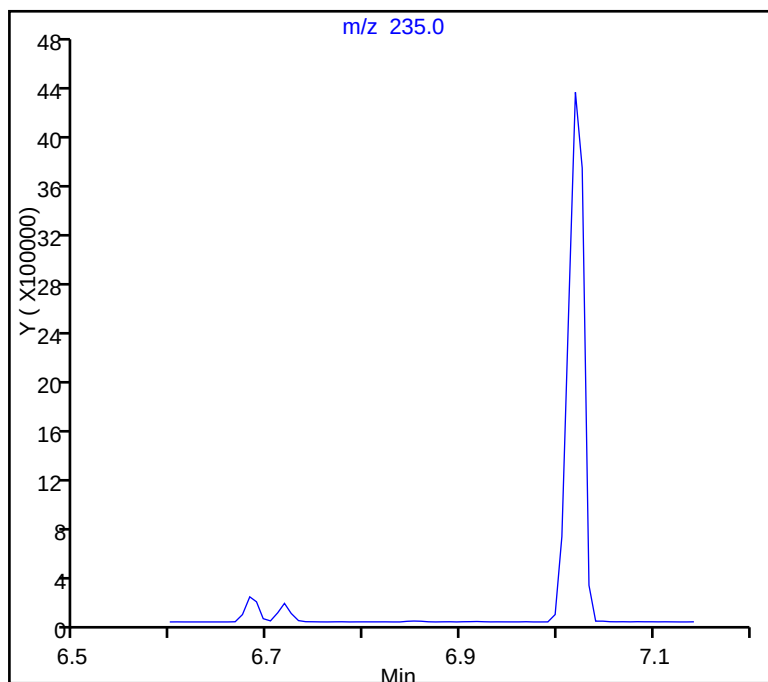
127 4,4'-DDT, Area = 4982153

126 4,4'-DDD, Area = 142843

125 4,4'-DDE, Area = 16627

%Breakdown: 3.10%, Max Limit: 20.00%

Passed



TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150524-27775.b\M93134.D
Injection Date: 24-May-2015 19:49:30 Instrument ID: CBNAMS6
Lims ID: dftpp
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: 8270LVI_R6

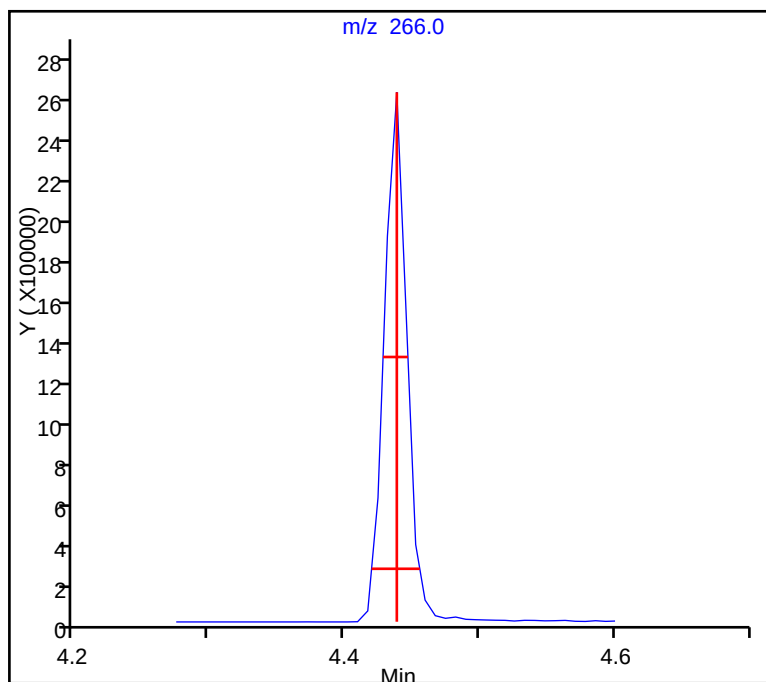
ALS Bottle#: 1 Worklist Smp#: 1
Dil. Factor: 1.0000
Limit Group: SV 8270D ICAL

16 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.017 (min.)
Front Width = 0.019 (min.)

Tailing Factor = 0.9, Max. Tailing < 2.00
Passed



TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS6\20150524-27775.b\93134.D
Injection Date: 24-May-2015 19:49:30 Instrument ID: CBNAMS6
Lims ID: dftpp
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: 8270LVI_R6

ALS Bottle#: 1 Worklist Smp#: 1
Dil. Factor: 1.0000
Limit Group: SV 8270D ICAL

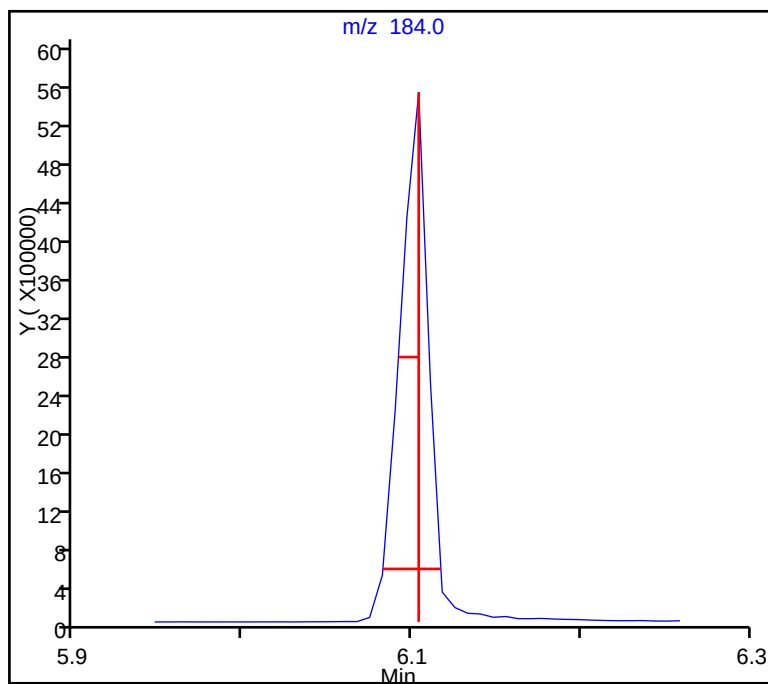
43 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.013 (min.)

Front Width = 0.021 (min.)

Tailing Factor = 0.6, Max. Tailing < 2.00
Passed



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-94855-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 460-298867/1-A</u>
Matrix: <u>Water</u>	Lab File ID: <u>C16214.D</u>
Analysis Method: <u>8270D</u>	Date Collected: _____
Extract. Method: <u>3510C</u>	Date Extracted: <u>05/15/2015 11:18</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>05/18/2015 08:18</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>5 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>299127</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	10	U	10	0.60
95-57-8	2-Chlorophenol	10	U	10	0.93
95-48-7	2-Methylphenol	10	U	10	1.4
106-44-5	4-Methylphenol	10	U	10	1.0
88-75-5	2-Nitrophenol	10	U	10	0.68
105-67-9	2,4-Dimethylphenol	10	U	10	1.2
120-83-2	2,4-Dichlorophenol	10	U	10	1.1
59-50-7	4-Chloro-3-methylphenol	10	U	10	1.1
88-06-2	2,4,6-Trichlorophenol	10	U	10	1.4
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.2
51-28-5	2,4-Dinitrophenol	20	U	20	2.0
100-02-7	4-Nitrophenol	20	U	20	2.0
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	3.0
87-86-5	Pentachlorophenol	20	U	20	2.7
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.30
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.27
67-72-1	Hexachloroethane	1.0	U	1.0	0.15
98-95-3	Nitrobenzene	1.0	U	1.0	0.34
78-59-1	Isophorone	10	U	10	1.3
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	1.0
91-20-3	Naphthalene	10	U	10	2.0
106-47-8	4-Chloroaniline	10	U	10	0.32
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.68
91-57-6	2-Methylnaphthalene	10	U	10	1.5
77-47-4	Hexachlorocyclopentadiene	10	U	10	1.5
91-58-7	2-Chloronaphthalene	10	U	10	1.3
88-74-4	2-Nitroaniline	10	U	10	2.0
131-11-3	Dimethyl phthalate	10	U	10	1.1
208-96-8	Acenaphthylene	10	U	10	1.8
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.27
99-09-2	3-Nitroaniline	10	U	10	2.9
83-32-9	Acenaphthene	10	U	10	1.1
132-64-9	Dibenzofuran	10	U	10	1.5
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.28

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-94855-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 460-298867/1-A</u>
Matrix: <u>Water</u>	Lab File ID: <u>C16214.D</u>
Analysis Method: <u>8270D</u>	Date Collected: _____
Extract. Method: <u>3510C</u>	Date Extracted: <u>05/15/2015 11:18</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>05/18/2015 08:18</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>5 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>299127</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	10	U	10	1.4
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	1.5
86-73-7	Fluorene	10	U	10	1.7
100-01-6	4-Nitroaniline	10	U	10	2.9
86-30-6	N-Nitrosodiphenylamine	10	U	10	1.0
101-55-3	4-Bromophenyl phenyl ether	10	U	10	1.1
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.20
85-01-8	Phenanthrene	10	U	10	1.2
120-12-7	Anthracene	10	U	10	0.85
86-74-8	Carbazole	10	U	10	1.2
84-74-2	Di-n-butyl phthalate	10	U	10	1.0
206-44-0	Fluoranthene	10	U	10	1.1
129-00-0	Pyrene	10	U	10	1.1
85-68-7	Butyl benzyl phthalate	10	U	10	1.4
91-94-1	3,3'-Dichlorobenzidine	10	U	10	3.2
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.18
218-01-9	Chrysene	2.0	U	2.0	1.4
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.81
117-84-0	Di-n-octyl phthalate	10	U	10	0.88
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.21
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.14
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.14
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.11
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
191-24-2	Benzo[g,h,i]perylene	10	U	10	0.93
92-52-4	1,1'-Biphenyl	10	U	10	1.8
98-86-2	Acetophenone	10	U	10	0.89
100-52-7	Benzaldehyde	10	U	10	2.1
105-60-2	Caprolactam	10	U	10	0.91
1912-24-9	Atrazine	2.0	U	2.0	1.0
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	1.3
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	10	1.8
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	0.89

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-298867/1-A
 Matrix: Water Lab File ID: C16214.D
 Analysis Method: 8270D Date Collected: _____
 Extract. Method: 3510C Date Extracted: 05/15/2015 11:18
 Sample wt/vol: 250 (mL) Date Analyzed: 05/18/2015 08:18
 Con. Extract Vol.: 2 (mL) Dilution Factor: 1
 Injection Volume: 5 (uL) Level: (low/med) Low
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 299127 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	76		60-114
4165-62-2	Phenol-d5	27		4-86
1718-51-0	Terphenyl-d14	98		72-130
118-79-6	2,4,6-Tribromophenol	81		51-126
367-12-4	2-Fluorophenol	41		15-96
321-60-8	2-Fluorobiphenyl	88		50-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150518-27485.b\C16214.D
 Lims ID: MB 460-298867/1-A
 Client ID:
 Sample Type: MB
 Inject. Date: 18-May-2015 08:18:30 ALS Bottle#: 7 Worklist Smp#: 7
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027485-007
 Operator ID: Instrument ID: CBNAMS13
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150518-27485.b\8270LVI_R13.m
 Limit Group: SV 8270D ICAL
 Last Update: 19-May-2015 09:53:39 Calib Date: 07-May-2015 19:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICAL File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK027

First Level Reviewer: szczecha

Date: 18-May-2015 15:16:54

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	4.252	4.257	-0.005	95	561463	10.0	4.14	
\$ 6 Phenol-d5	99	5.087	5.099	-0.012	90	434745	10.0	2.70	
125 Benzonitrile	103	5.257	5.263	-0.006	36	470		NC	
* 13 1,4-Dichlorobenzene-d4	152	5.522	5.522	0.000	97	782333	8.00	8.00	
\$ 25 Nitrobenzene-d5	82	6.063	6.069	-0.006	89	1019287	10.0	7.59	
* 35 Naphthalene-d8	136	6.810	6.810	0.000	100	2629104	8.00	8.00	
\$ 48 2-Fluorobiphenyl	172	7.875	7.881	-0.006	97	1577956	10.0	8.83	
* 61 Acenaphthene-d10	164	8.598	8.598	0.000	97	979273	8.00	8.00	
\$ 76 2,4,6-Tribromophenol	330	9.392	9.398	-0.006	93	151270	10.0	8.15	
* 83 Phenanthrene-d10	188	10.110	10.110	0.000	99	1219169	8.00	8.00	
\$ 91 Terphenyl-d14	244	11.875	11.875	0.000	99	594828	10.0	9.78	
* 96 Chrysene-d12	240	13.463	13.457	0.006	98	346176	8.00	8.00	
* 103 Perylene-d12	264	15.863	15.857	0.006	96	306569	8.00	8.00	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_ISTD_LVI_00072

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CBNAMS13\20150518-27485.b\C16214.D

Injection Date: 18-May-2015 08:18:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: MB 460-298867/1-A

Worklist Smp#: 7

Client ID:

Injection Vol: 5.0 ul

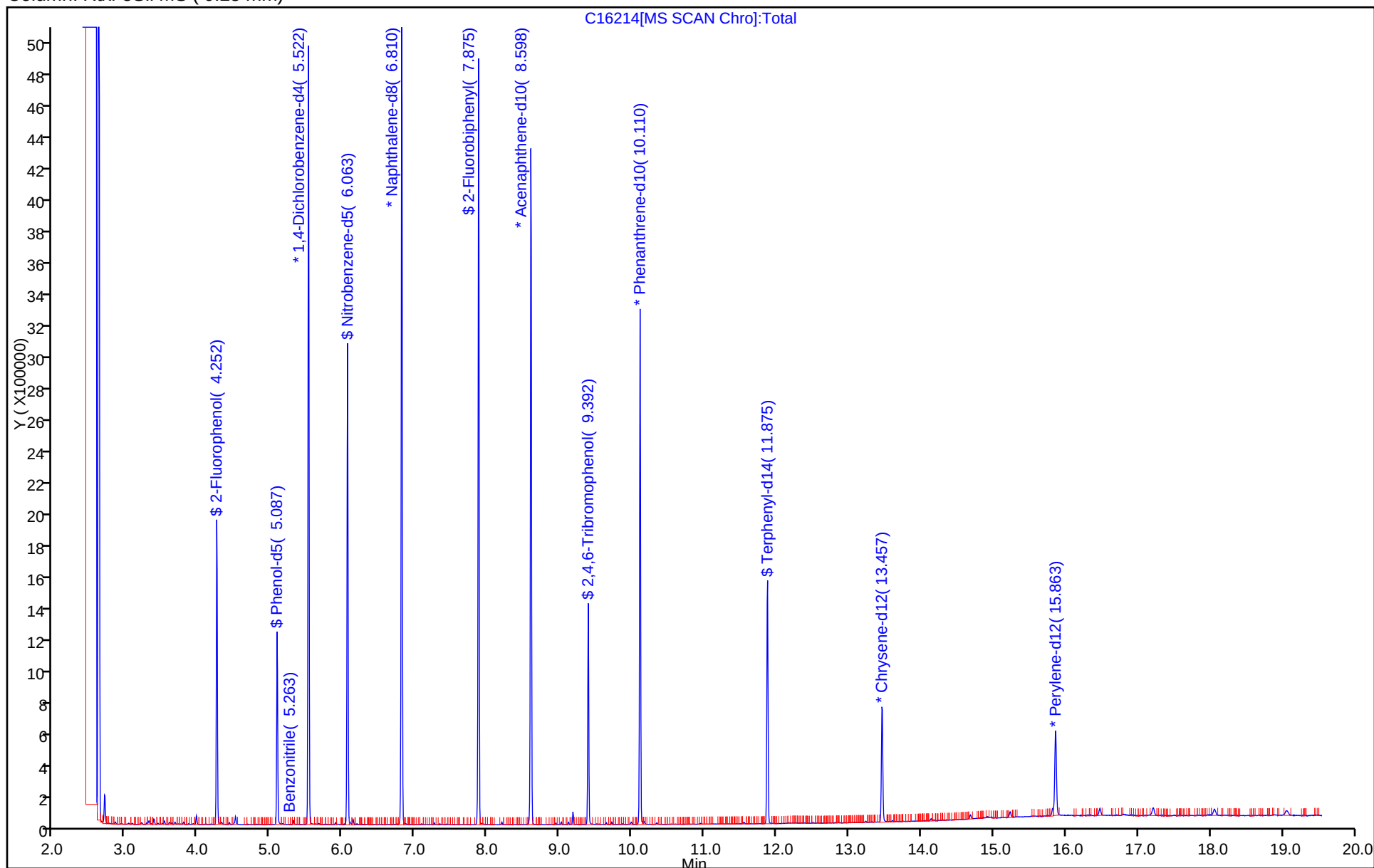
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8270LVI_R13

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-94855-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 460-299749/1-A</u>
Matrix: <u>Water</u>	Lab File ID: <u>N6040.D</u>
Analysis Method: <u>8270D</u>	Date Collected: _____
Extract. Method: <u>3510C</u>	Date Extracted: <u>05/20/2015 11:24</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>05/21/2015 15:27</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>5 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>299934</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	10	U	10	0.60
95-57-8	2-Chlorophenol	10	U	10	0.93
95-48-7	2-Methylphenol	10	U	10	1.4
106-44-5	4-Methylphenol	10	U	10	1.0
88-75-5	2-Nitrophenol	10	U	10	0.68
105-67-9	2,4-Dimethylphenol	10	U	10	1.2
120-83-2	2,4-Dichlorophenol	10	U	10	1.1
59-50-7	4-Chloro-3-methylphenol	10	U	10	1.1
88-06-2	2,4,6-Trichlorophenol	10	U	10	1.4
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.2
51-28-5	2,4-Dinitrophenol	20	U	20	2.0
100-02-7	4-Nitrophenol	20	U	20	2.0
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	3.0
87-86-5	Pentachlorophenol	20	U	20	2.7
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.30
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.27
67-72-1	Hexachloroethane	1.0	U	1.0	0.15
98-95-3	Nitrobenzene	1.0	U	1.0	0.34
78-59-1	Isophorone	10	U	10	1.3
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	1.0
91-20-3	Naphthalene	10	U	10	2.0
106-47-8	4-Chloroaniline	10	U	10	0.32
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.68
91-57-6	2-Methylnaphthalene	10	U	10	1.5
77-47-4	Hexachlorocyclopentadiene	10	U	10	1.5
91-58-7	2-Chloronaphthalene	10	U	10	1.3
88-74-4	2-Nitroaniline	10	U	10	2.0
131-11-3	Dimethyl phthalate	10	U	10	1.1
208-96-8	Acenaphthylene	10	U	10	1.8
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.27
99-09-2	3-Nitroaniline	10	U	10	2.9
83-32-9	Acenaphthene	10	U	10	1.1
132-64-9	Dibenzofuran	10	U	10	1.5
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.28

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-94855-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 460-299749/1-A</u>
Matrix: <u>Water</u>	Lab File ID: <u>N6040.D</u>
Analysis Method: <u>8270D</u>	Date Collected: _____
Extract. Method: <u>3510C</u>	Date Extracted: <u>05/20/2015 11:24</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>05/21/2015 15:27</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>5 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>299934</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	10	U	10	1.4
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	1.5
86-73-7	Fluorene	10	U	10	1.7
100-01-6	4-Nitroaniline	10	U	10	2.9
86-30-6	N-Nitrosodiphenylamine	10	U	10	1.0
101-55-3	4-Bromophenyl phenyl ether	10	U	10	1.1
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.20
85-01-8	Phenanthrene	10	U	10	1.2
120-12-7	Anthracene	10	U	10	0.85
86-74-8	Carbazole	10	U	10	1.2
84-74-2	Di-n-butyl phthalate	10	U	10	1.0
206-44-0	Fluoranthene	10	U	10	1.1
129-00-0	Pyrene	10	U	10	1.1
85-68-7	Butyl benzyl phthalate	10	U	10	1.4
91-94-1	3,3'-Dichlorobenzidine	10	U	10	3.2
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.18
218-01-9	Chrysene	2.0	U	2.0	1.4
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.81
117-84-0	Di-n-octyl phthalate	10	U	10	0.88
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.21
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.14
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.14
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.11
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
191-24-2	Benzo[g,h,i]perylene	10	U	10	0.93
92-52-4	1,1'-Biphenyl	10	U	10	1.8
98-86-2	Acetophenone	10	U	10	0.89
100-52-7	Benzaldehyde	10	U	10	2.1
105-60-2	Caprolactam	10	U	10	0.91
1912-24-9	Atrazine	2.0	U	2.0	1.0
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	1.3
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	10	1.8
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	0.89

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-299749/1-A
Matrix: Water Lab File ID: N6040.D
Analysis Method: 8270D Date Collected: _____
Extract. Method: 3510C Date Extracted: 05/20/2015 11:24
Sample wt/vol: 250 (mL) Date Analyzed: 05/21/2015 15:27
Con. Extract Vol.: 2 (mL) Dilution Factor: 1
Injection Volume: 5 (uL) Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 299934 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	90		60-114
4165-62-2	Phenol-d5	39		4-86
1718-51-0	Terphenyl-d14	82		72-130
118-79-6	2,4,6-Tribromophenol	76		51-126
367-12-4	2-Fluorophenol	59		15-96
321-60-8	2-Fluorobiphenyl	94		50-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150521-27631.b\N6040.D
 Lims ID: MB 460-299749/1-A
 Client ID:
 Sample Type: MB
 Inject. Date: 21-May-2015 15:27:30 ALS Bottle#: 30 Worklist Smp#: 30
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027631-030
 Operator ID: Instrument ID: CBNAMS14
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150521-27631.b\8270LVI_14.m
 Limit Group: SV 8270D ICAL
 Last Update: 21-May-2015 15:59:35 Calib Date: 21-May-2015 00:13:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6008.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK024

First Level Reviewer: bayoumiw

Date: 21-May-2015 15:59:35

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	2.734	2.693	0.041	94	1741738	10.0	5.92	
\$ 6 Phenol-d5	99	3.551	3.551	0.000	90	1344228	10.0	3.85	
* 14 1,4-Dichlorobenzene-d4	152	3.875	3.875	0.000	97	1603636	8.00	8.00	
20 N-Methylaniline	106	4.316	4.287	0.029	1	161		NC	
\$ 27 Nitrobenzene-d5	82	4.440	4.446	-0.006	91	2397505	10.0	8.99	
* 38 Naphthalene-d8	136	5.163	5.163	0.000	99	5465589	8.00	8.00	
\$ 51 2-Fluorobiphenyl	172	6.263	6.263	0.000	98	3398360	10.0	9.37	
* 64 Acenaphthene-d10	164	6.922	6.922	0.000	97	1889874	8.00	8.00	
58 1-Naphthylamine	143	6.928	7.009	-0.081	44	719		NC	
71 2-Naphthylamine	143	7.698	7.617	0.081	57	98695		NC	
\$ 80 2,4,6-Tribromophenol	330	7.704	7.704	0.000	93	281068	10.0	7.63	
* 87 Phenanthrene-d10	188	8.381	8.381	0.000	99	2489711	8.00	8.00	
\$ 96 Terphenyl-d14	244	9.957	9.957	0.000	99	1769475	10.0	8.20	
* 102 Chrysene-d12	240	11.063	11.063	0.000	99	1583357	8.00	8.00	
* 109 Perylene-d12	264	12.886	12.880	0.006	97	1548337	8.00	8.00	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_ISTD_LVI_00072

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CBNAMS14\20150521-27631.b\N6040.D

Injection Date: 21-May-2015 15:27:30

Instrument ID: CBNAMS14

Operator ID:

Lims ID: MB 460-299749/1-A

Worklist Smp#: 30

Client ID:

Injection Vol: 5.0 ul

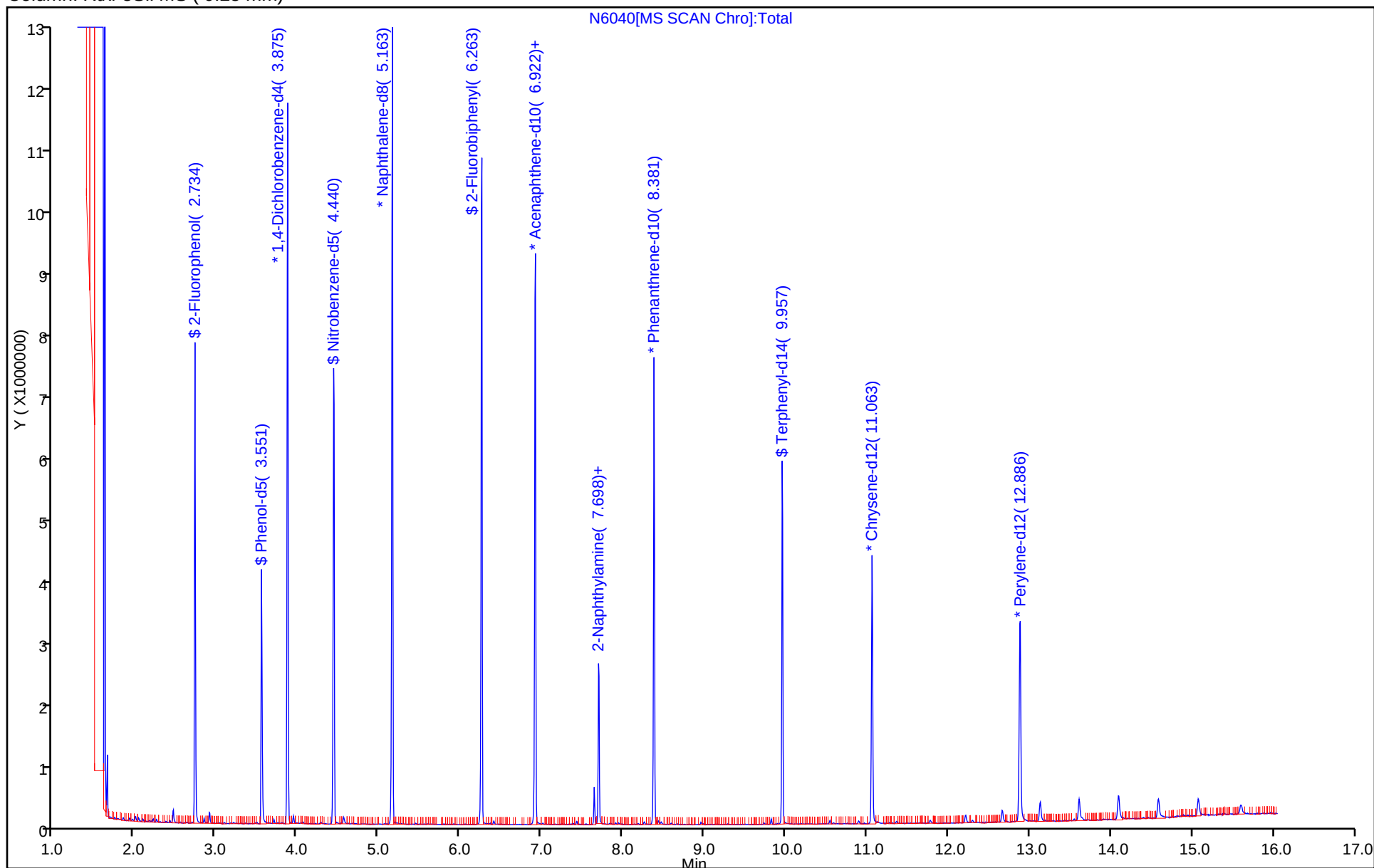
Dil. Factor: 1.0000

ALS Bottle#: 30

Method: 8270LVI_14

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-94855-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCS 460-298867/2-A</u>
Matrix: <u>Water</u>	Lab File ID: <u>C16215.D</u>
Analysis Method: <u>8270D</u>	Date Collected: _____
Extract. Method: <u>3510C</u>	Date Extracted: <u>05/15/2015 11:18</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>05/18/2015 08:46</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>5 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>299127</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	22.5		10	0.60
95-57-8	2-Chlorophenol	57.3		10	0.93
95-48-7	2-Methylphenol	49.8		10	1.4
106-44-5	4-Methylphenol	45.5		10	1.0
88-75-5	2-Nitrophenol	72.9		10	0.68
105-67-9	2,4-Dimethylphenol	62.5		10	1.2
120-83-2	2,4-Dichlorophenol	71.3		10	1.1
59-50-7	4-Chloro-3-methylphenol	66.3		10	1.1
88-06-2	2,4,6-Trichlorophenol	85.5		10	1.4
95-95-4	2,4,5-Trichlorophenol	82.1		10	2.2
51-28-5	2,4-Dinitrophenol	144		20	2.0
100-02-7	4-Nitrophenol	39.3		20	2.0
534-52-1	4,6-Dinitro-2-methylphenol	160		20	3.0
87-86-5	Pentachlorophenol	147		20	2.7
111-44-4	Bis(2-chloroethyl)ether	59.7		1.0	0.30
621-64-7	N-Nitrosodi-n-propylamine	71.2		1.0	0.27
67-72-1	Hexachloroethane	57.1		1.0	0.15
98-95-3	Nitrobenzene	69.3		1.0	0.34
78-59-1	Isophorone	66.5		10	1.3
111-91-1	Bis(2-chloroethoxy)methane	70.6		10	1.0
91-20-3	Naphthalene	64.5		10	2.0
106-47-8	4-Chloroaniline	64.4		10	0.32
87-68-3	Hexachlorobutadiene	61.7		1.0	0.68
91-57-6	2-Methylnaphthalene	66.5		10	1.5
77-47-4	Hexachlorocyclopentadiene	71.2		10	1.5
91-58-7	2-Chloronaphthalene	77.7		10	1.3
88-74-4	2-Nitroaniline	79.7		10	2.0
131-11-3	Dimethyl phthalate	76.9		10	1.1
208-96-8	Acenaphthylene	80.1		10	1.8
606-20-2	2,6-Dinitrotoluene	82.0		2.0	0.27
99-09-2	3-Nitroaniline	64.3		10	2.9
83-32-9	Acenaphthene	79.9		10	1.1
132-64-9	Dibenzofuran	76.4		10	1.5
121-14-2	2,4-Dinitrotoluene	74.7		2.0	0.28

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-94855-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCS 460-298867/2-A</u>
Matrix: <u>Water</u>	Lab File ID: <u>C16215.D</u>
Analysis Method: <u>8270D</u>	Date Collected: _____
Extract. Method: <u>3510C</u>	Date Extracted: <u>05/15/2015 11:18</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>05/18/2015 08:46</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>5 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>299127</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	73.0		10	1.4
7005-72-3	4-Chlorophenyl phenyl ether	77.8		10	1.5
86-73-7	Fluorene	78.1		10	1.7
100-01-6	4-Nitroaniline	57.4		10	2.9
101-55-3	4-Bromophenyl phenyl ether	83.6		10	1.1
118-74-1	Hexachlorobenzene	83.2		1.0	0.20
85-01-8	Phenanthrene	75.8		10	1.2
120-12-7	Anthracene	75.1		10	0.85
86-74-8	Carbazole	66.3		10	1.2
84-74-2	Di-n-butyl phthalate	65.3		10	1.0
206-44-0	Fluoranthene	64.3		10	1.1
129-00-0	Pyrene	107		10	1.1
85-68-7	Butyl benzyl phthalate	74.4		10	1.4
91-94-1	3,3'-Dichlorobenzidine	60.8		10	3.2
56-55-3	Benzo[a]anthracene	77.5		1.0	0.18
218-01-9	Chrysene	74.9		2.0	1.4
117-81-7	Bis(2-ethylhexyl) phthalate	73.4		2.0	0.81
117-84-0	Di-n-octyl phthalate	79.0		10	0.88
205-99-2	Benzo[b]fluoranthene	84.7		1.0	0.21
207-08-9	Benzo[k]fluoranthene	79.6		1.0	0.14
50-32-8	Benzo[a]pyrene	82.2		1.0	0.14
193-39-5	Indeno[1,2,3-cd]pyrene	102		1.0	0.11
53-70-3	Dibenz(a,h)anthracene	102		1.0	0.16
191-24-2	Benzo[g,h,i]perylene	106		10	0.93
92-52-4	1,1'-Biphenyl	79.5		10	1.8
98-86-2	Acetophenone	69.2		10	0.89
108-60-1	2,2'-oxybis[1-chloropropane]	59.4		10	1.3
95-94-3	1,2,4,5-Tetrachlorobenzene	76.6		10	1.8
58-90-2	2,3,4,6-Tetrachlorophenol	79.4		10	0.89

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-298867/2-A
Matrix: Water Lab File ID: C16215.D
Analysis Method: 8270D Date Collected: _____
Extract. Method: 3510C Date Extracted: 05/15/2015 11:18
Sample wt/vol: 250 (mL) Date Analyzed: 05/18/2015 08:46
Con. Extract Vol.: 2 (mL) Dilution Factor: 1
Injection Volume: 5 (uL) Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 299127 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	80		60-114
4165-62-2	Phenol-d5	25		4-86
1718-51-0	Terphenyl-d14	106		72-130
118-79-6	2,4,6-Tribromophenol	89		51-126
367-12-4	2-Fluorophenol	38		15-96
321-60-8	2-Fluorobiphenyl	89		50-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150518-27485.b\C16215.D
 Lims ID: LCS 460-298867/2-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 18-May-2015 08:46:30 ALS Bottle#: 8 Worklist Smp#: 8
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027485-008
 Operator ID: Instrument ID: CBNAMS13
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150518-27485.b\8270LVI_R13.m
 Limit Group: SV 8270D ICAL
 Last Update: 19-May-2015 09:53:39 Calib Date: 07-May-2015 19:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK027

First Level Reviewer: szczecha

Date: 18-May-2015 15:18:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	2.846	2.840	0.006	98	393287	10.0	4.34	
2 N-Nitrosodimethylamine	74	3.075	3.069	0.006	83	615604	10.0	4.45	
3 Pyridine	79	3.146	3.140	0.006	85	885081	10.0	3.83	
\$ 4 2-Fluorophenol	112	4.257	4.257	0.000	96	785630	10.0	3.77	
\$ 6 Phenol-d5	99	5.093	5.099	-0.006	91	626006	10.0	2.53	
7 Phenol	94	5.110	5.110	0.000	99	747885	10.0	2.81	
8 Aniline	93	5.187	5.187	0.000	99	2211763	10.0	6.40	
9 Bis(2-chloroethyl)ether	93	5.210	5.210	0.000	94	1922734	10.0	7.47	
125 Benzonitrile	103	5.263	5.263	0.000	98	3242094	NC	NC	
11 n-Decane	43	5.316	5.316	0.000	93	1916385	10.0	6.05	
10 2-Chlorophenol	128	5.322	5.322	0.000	95	1589938	10.0	7.16	
12 1,3-Dichlorobenzene	146	5.475	5.481	-0.006	95	1766240	10.0	7.17	
* 13 1,4-Dichlorobenzene-d4	152	5.528	5.522	0.006	97	1199837	8.00	8.00	
14 1,4-Dichlorobenzene	146	5.546	5.546	0.000	94	1802133	10.0	7.24	
15 Benzyl alcohol	108	5.622	5.628	-0.006	94	962089	10.0	7.70	
16 1,2-Dichlorobenzene	146	5.704	5.704	0.000	95	1729320	10.0	7.50	
17 2-Methylphenol	108	5.716	5.716	0.000	90	1234985	10.0	6.23	
18 2,2'-oxybis[1-chloropropan	45	5.751	5.751	0.000	94	3052662	10.0	7.42	
22 3 & 4 Methylphenol	108	5.863	5.863	0.000	70	1158271	10.0	5.69	
21 4-Methylphenol	108	5.863	5.863	0.000	94	1155867	10.0	5.69	
20 N-Nitrosodi-n-propylamine	70	5.887	5.887	0.000	92	1290220	10.0	8.91	
126 N-Methylaniline	106	5.893	5.893	0.000	77	2389199	NC	NC	
19 Acetophenone	105	5.904	5.904	0.000	96	2404698	10.0	8.65	
24 Hexachloroethane	117	6.051	6.057	-0.006	90	707339	10.0	7.14	
\$ 25 Nitrobenzene-d5	82	6.069	6.069	0.000	89	1779194	10.0	7.99	
27 n,n'-Dimethylaniline	120	6.087	6.087	0.000	97	2535069	10.0	7.73	
26 Nitrobenzene	77	6.087	6.087	0.000	92	2477903	10.0	8.66	
28 Isophorone	82	6.316	6.316	0.000	99	2879654	10.0	8.31	
30 2,4-Dimethylphenol	122	6.404	6.404	0.000	92	1520770	10.0	7.81	
29 2-Nitrophenol	139	6.410	6.410	0.000	84	940274	10.0	9.11	
32 Benzoic acid	122	6.445	6.475	-0.030	90	140740	10.0	1.53	
31 Bis(2-chloroethoxy)methane	93	6.493	6.493	0.000	99	2100188	10.0	8.82	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 2,4-Dichlorophenol	162	6.651	6.651	0.000	96	1342109	10.0	8.91	
34 1,2,4-Trichlorobenzene	180	6.745	6.746	-0.001	95	1300333	10.0	7.77	
* 35 Naphthalene-d8	136	6.816	6.810	0.006	100	4357599	8.00	8.00	
36 Naphthalene	128	6.840	6.840	0.000	99	4882411	10.0	8.07	
37 4-Chloroaniline	127	6.857	6.857	0.000	96	2603114	10.0	8.05	
38 Hexachlorobutadiene	225	6.951	6.946	0.005	93	668499	10.0	7.72	
40 4-Chloro-3-methylphenol	107	7.316	7.310	0.006	97	1190628	10.0	8.28	
41 2-Methylnaphthalene	142	7.534	7.534	0.000	85	3077814	10.0	8.31	
42 1-Methylnaphthalene	142	7.640	7.640	0.000	93	2693632	10.0	7.82	
45 2-tertbutyl-4-methylphenol	149	7.663	7.663	0.000	91	2148501	10.0	9.02	
43 Hexachlorocyclopentadiene	237	7.698	7.698	0.000	96	696836	10.0	8.90	
44 1,2,4,5-Tetrachlorobenzene	216	7.704	7.704	0.000	95	1190528	10.0	9.58	
46 2,4,6-Trichlorophenol	196	7.804	7.804	0.000	87	841022	10.0	10.7	
47 2,4,5-Trichlorophenol	196	7.845	7.845	0.000	95	873383	10.0	10.3	
\$ 48 2-Fluorobiphenyl	172	7.881	7.881	0.000	97	2733453	10.0	8.87	
49 1,1'-Biphenyl	154	7.992	7.993	0.000	96	3532458	10.0	9.94	
50 2-Chloronaphthalene	162	8.034	8.034	0.000	96	2685324	10.0	9.71	
53 Phenyl ether	170	8.087	8.087	0.000	86	1728684	10.0	9.67	
54 2-Nitroaniline	65	8.110	8.104	0.006	97	927272	10.0	9.96	
55 1,3-Dimethylnaphthalene	156	8.245	8.245	0.000	91	2111249	10.0	9.55	
56 Dimethyl phthalate	163	8.257	8.251	0.006	99	2450377	10.0	9.61	
58 2,6-Dinitrotoluene	165	8.334	8.328	0.006	79	606325	10.0	10.2	
57 Coumarin	146	8.334	8.334	0.000	63	783185	10.0	7.18	
59 Acenaphthylene	152	8.463	8.463	0.000	97	4047046	10.0	10.0	
60 3-Nitroaniline	138	8.516	8.516	0.000	97	573779	10.0	8.03	
63 3,5-di-tert-butyl-4-hydrox	205	8.551	8.551	0.000	99	2074744	10.0	9.30	
* 61 Acenaphthene-d10	164	8.604	8.598	0.006	98	1689033	8.00	8.00	
64 2,4-Dinitrophenol	184	8.622	8.616	0.006	95	586850	20.0	18.1	
62 Acenaphthene	154	8.639	8.640	-0.001	96	2687123	10.0	9.99	
65 4-Nitrophenol	65	8.645	8.645	0.000	92	239976	20.0	4.91	
67 2,4-Dinitrotoluene	165	8.745	8.745	0.000	95	684070	10.0	9.34	
66 Dibenzofuran	168	8.810	8.804	0.006	95	3357325	10.0	9.56	
68 2,3,4,6-Tetrachlorophenol	232	8.916	8.916	0.000	90	564866	10.0	9.93	
69 Diethyl phthalate	149	8.957	8.957	0.000	98	2257259	10.0	9.12	
71 4-Chlorophenyl phenyl ethe	204	9.116	9.116	0.000	85	1172135	10.0	9.73	
72 4-Nitroaniline	138	9.139	9.134	0.005	91	450156	10.0	7.18	
70 Fluorene	166	9.157	9.157	0.000	96	2646586	10.0	9.76	
73 4,6-Dinitro-2-methylphenol	198	9.169	9.169	0.000	90	639532	20.0	20.1	
75 1,2-Diphenylhydrazine	77	9.281	9.281	0.000	99	2649343	10.0	9.77	
\$ 76 2,4,6-Tribromophenol	330	9.398	9.398	0.000	93	283436	10.0	8.85	
77 4-Bromophenyl phenyl ether	248	9.616	9.616	0.000	84	614038	10.0	10.4	
78 Hexachlorobenzene	284	9.734	9.734	0.000	99	624485	10.0	10.4	
82 n-Octadecane	57	9.869	9.869	0.000	95	2246438	10.0	10.6	
121 Pentachlorophenol	266	9.910	9.910	0.000	92	649981	20.0	18.4	
81 Pentachloronitrobenzene	237	9.928	9.928	0.000	85	209343	10.0	9.58	
* 83 Phenanthrene-d10	188	10.116	10.110	0.006	99	1915675	8.00	8.00	
84 Phenanthrene	178	10.139	10.139	0.000	98	2782873	10.0	9.48	
85 Anthracene	178	10.192	10.192	0.000	98	2818533	10.0	9.38	
86 Carbazole	167	10.328	10.328	0.000	96	2042726	10.0	8.29	
87 Di-n-butyl phthalate	149	10.604	10.604	0.000	100	2374178	10.0	8.16	
88 Fluoranthene	202	11.463	11.457	0.006	97	1700415	10.0	8.03	
122 Benzidine	184	11.551	11.551	0.000	99	280134	10.0	2.92	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
123 Bisphenol-A	213	11.692	11.692	0.000	0	117354	5.00	5.56	
90 Pyrene	202	11.757	11.757	0.000	96	1613116	10.0	13.4	
\$ 91 Terphenyl-d14	244	11.875	11.875	0.000	99	868332	10.0	10.6	
92 Butyl benzyl phthalate	149	12.480	12.480	0.000	97	425355	10.0	9.30	
93 Carbamazepine	193	12.710	12.710	0.000	92	194662	10.0	7.58	
98 Bis(2-ethylhexyl) phthalat	149	13.322	13.322	0.000	90	463577	10.0	9.18	
94 3,3'-Dichlorobenzidine	252	13.345	13.345	0.000	99	190353	10.0	7.59	
95 Benzo[a]anthracene	228	13.445	13.445	0.000	99	701869	10.0	9.69	
* 96 Chrysene-d12	240	13.463	13.457	0.006	98	471902	8.00	8.00	
97 Chrysene	228	13.504	13.504	0.000	98	640470	10.0	9.36	
99 Di-n-octyl phthalate	149	14.374	14.369	0.005	97	598909	10.0	9.88	
100 Benzo[b]fluoranthene	252	15.198	15.192	0.006	98	463243	10.0	10.6	
101 Benzo[k]fluoranthene	252	15.239	15.233	0.006	98	479004	10.0	9.95	
102 Benzo[a]pyrene	252	15.768	15.763	0.005	95	443402	10.0	10.3	
* 103 Perylene-d12	264	15.863	15.857	0.006	96	313873	8.00	8.00	
104 Indeno[1,2,3-cd]pyrene	276	18.033	18.027	0.006	97	677237	10.0	12.7	
105 Dibenz(a,h)anthracene	278	18.045	18.045	0.000	94	562450	10.0	12.7	
106 Benzo[g,h,i]perylene	276	18.680	18.680	0.000	95	608228	10.0	13.3	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_ISTD_LVI_00072

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CBNAMS13\20150518-27485.b\C16215.D

Injection Date: 18-May-2015 08:46:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: LCS 460-298867/2-A

Worklist Smp#: 8

Client ID:

Injection Vol: 5.0 ul

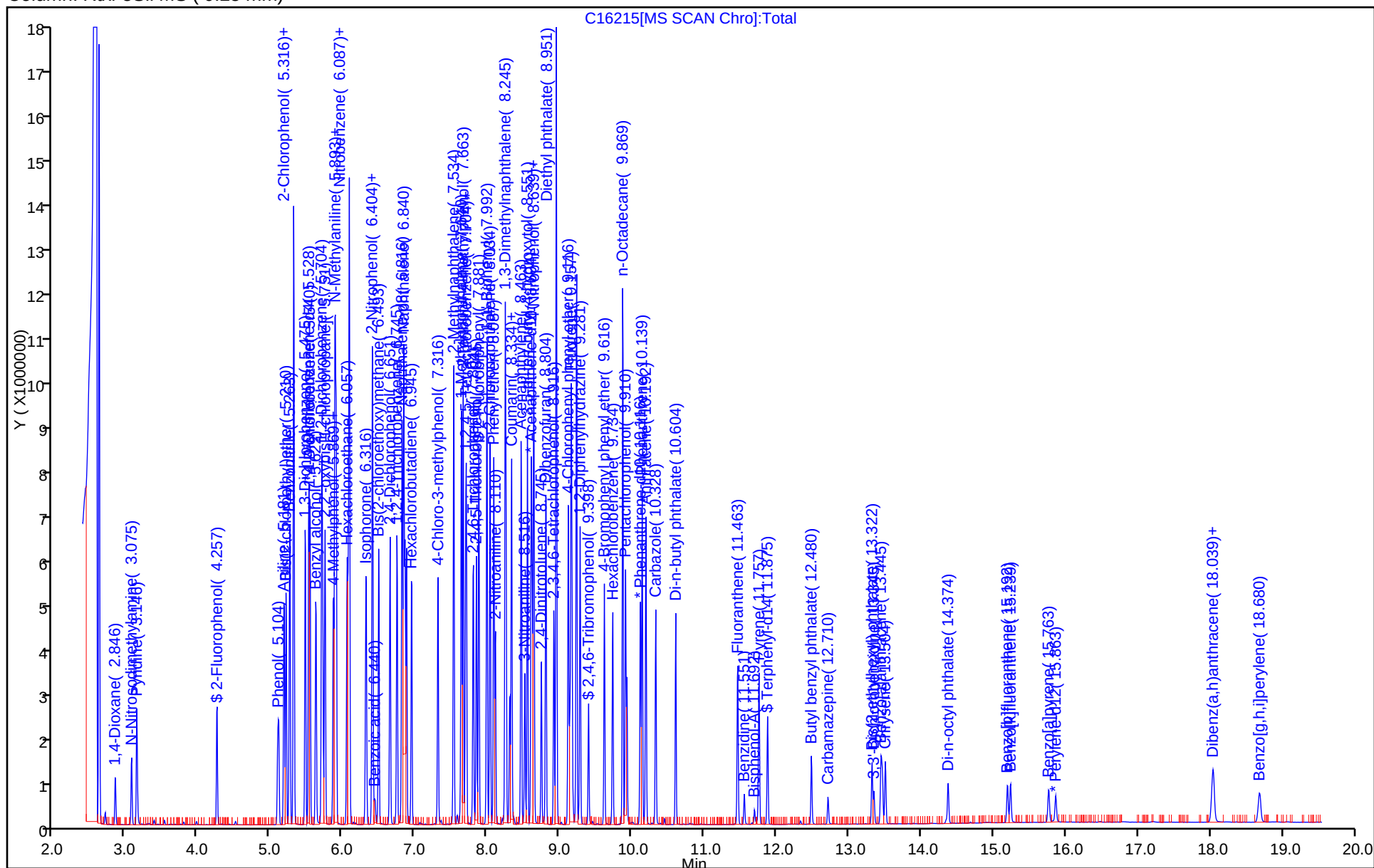
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8270LVI_R13

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-298867/4-A
 Matrix: Water Lab File ID: C16454.D
 Analysis Method: 8270D Date Collected: _____
 Extract. Method: 3510C Date Extracted: 05/15/2015 11:18
 Sample wt/vol: 250 (mL) Date Analyzed: 05/23/2015 12:34
 Con. Extract Vol.: 2 (mL) Dilution Factor: 1
 Injection Volume: 5 (uL) Level: (low/med) Low
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 300593 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	136		10	2.1
105-60-2	Caprolactam	37.5		10	0.91
1912-24-9	Atrazine	149		2.0	1.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	77		60-114
4165-62-2	Phenol-d5	27		4-86
1718-51-0	Terphenyl-d14	92		72-130
118-79-6	2,4,6-Tribromophenol	79		51-126
367-12-4	2-Fluorophenol	42		15-96
321-60-8	2-Fluorobiphenyl	86		50-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150523-27759.b\C16454.D
 Lims ID: LCS 460-298867/4-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 23-May-2015 12:34:30 ALS Bottle#: 7 Worklist Smp#: 7
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027759-007
 Operator ID: Instrument ID: CBNAMS13
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150523-27759.b\8270LVI_R13.m
 Limit Group: SV 8270D ICAL
 Last Update: 23-May-2015 20:35:02 Calib Date: 07-May-2015 19:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK032

First Level Reviewer: bayoumiw

Date: 23-May-2015 20:35:02

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	4.146	4.140	0.006	96	846443	10.0	4.23	
5 Benzaldehyde	77	4.981	4.981	0.000	95	2852168	20.0	16.9	
\$ 6 Phenol-d5	99	4.993	4.998	-0.005	89	644392	10.0	2.71	
* 13 1,4-Dichlorobenzene-d4	152	5.422	5.422	0.000	97	1152306	8.00	8.00	
\$ 25 Nitrobenzene-d5	82	5.957	5.963	-0.006	90	1608172	10.0	7.72	
* 35 Naphthalene-d8	136	6.704	6.710	-0.006	100	4077610	8.00	8.00	
39 Caprolactam	113	7.069	7.069	0.000	91	185772	20.0	4.68	
\$ 48 2-Fluorobiphenyl	172	7.775	7.775	0.000	97	2633125	10.0	8.56	
* 61 Acenaphthene-d10	164	8.492	8.492	0.000	98	1686252	8.00	8.00	
\$ 76 2,4,6-Tribromophenol	330	9.286	9.286	0.000	93	251844	10.0	7.88	
79 Atrazine	200	9.622	9.616	0.006	89	895601	20.0	18.6	
* 83 Phenanthrene-d10	188	9.998	9.998	0.000	99	2157303	8.00	8.00	
\$ 91 Terphenyl-d14	244	11.739	11.739	0.000	99	1064492	10.0	9.23	
* 96 Chrysene-d12	240	13.304	13.304	0.000	99	650346	8.00	8.00	
* 103 Perylene-d12	264	15.668	15.668	0.000	95	518900	8.00	8.00	

Reagents:

SM_ISTD_LVI_00072

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CBNAMS13\20150523-27759.b\C16454.D

Injection Date: 23-May-2015 12:34:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: LCS 460-298867/4-A

Worklist Smp#: 7

Client ID:

Injection Vol: 5.0 ul

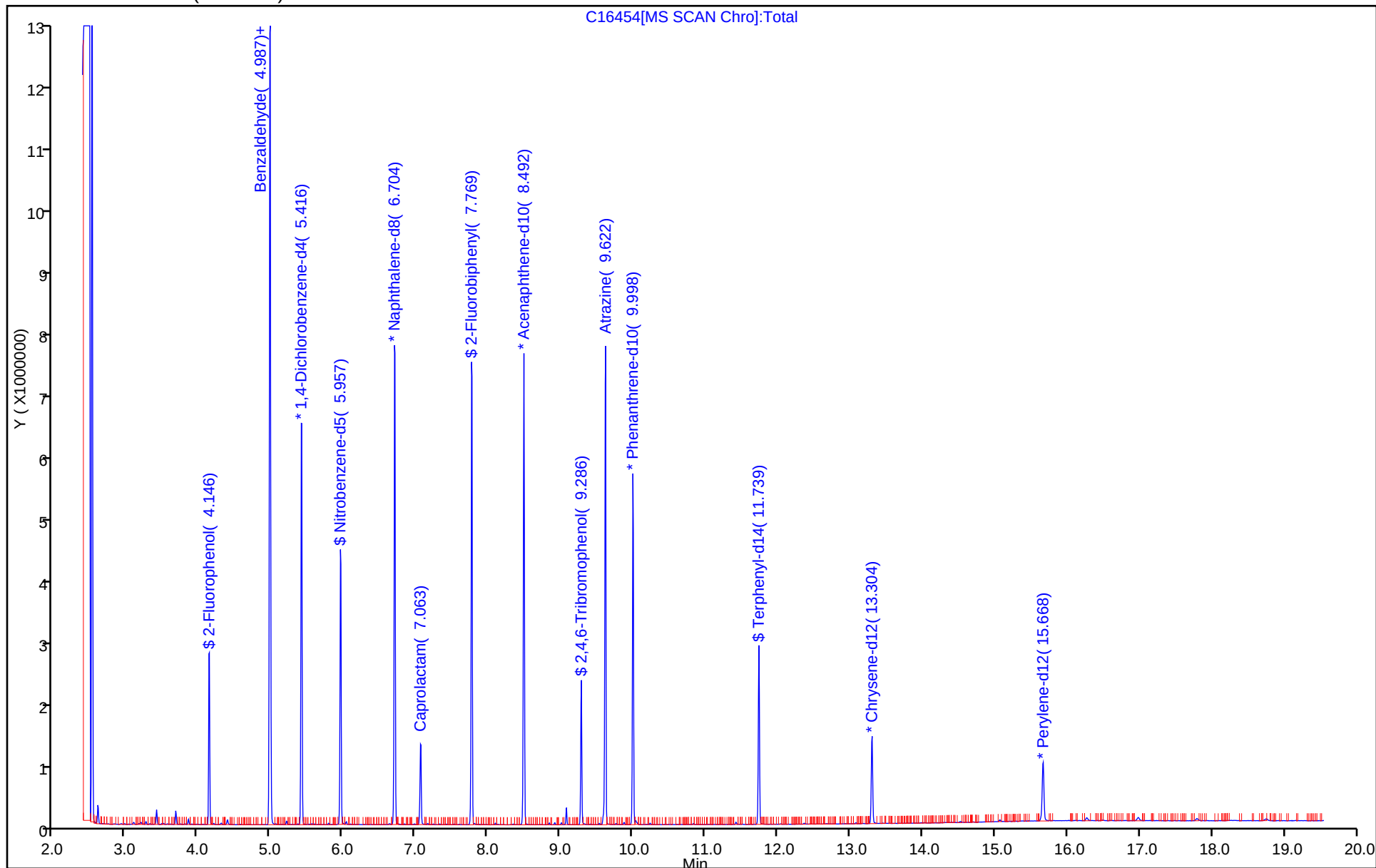
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8270LVI_R13

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-94855-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCS 460-299749/2-A</u>
Matrix: <u>Water</u>	Lab File ID: <u>N6015.D</u>
Analysis Method: <u>8270D</u>	Date Collected: _____
Extract. Method: <u>3510C</u>	Date Extracted: <u>05/20/2015 11:24</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>05/21/2015 05:14</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>5 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>299934</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	18.3		10	0.60
95-57-8	2-Chlorophenol	45.9		10	0.93
95-48-7	2-Methylphenol	38.3		10	1.4
106-44-5	4-Methylphenol	33.8		10	1.0
88-75-5	2-Nitrophenol	55.4		10	0.68
105-67-9	2,4-Dimethylphenol	50.4		10	1.2
120-83-2	2,4-Dichlorophenol	54.2		10	1.1
59-50-7	4-Chloro-3-methylphenol	47.3		10	1.1
88-06-2	2,4,6-Trichlorophenol	61.7		10	1.4
95-95-4	2,4,5-Trichlorophenol	60.5		10	2.2
51-28-5	2,4-Dinitrophenol	115		20	2.0
100-02-7	4-Nitrophenol	47.5		20	2.0
534-52-1	4,6-Dinitro-2-methylphenol	127		20	3.0
87-86-5	Pentachlorophenol	115		20	2.7
111-44-4	Bis(2-chloroethyl)ether	53.6		1.0	0.30
621-64-7	N-Nitrosodi-n-propylamine	53.6		1.0	0.27
67-72-1	Hexachloroethane	45.2		1.0	0.15
98-95-3	Nitrobenzene	54.5		1.0	0.34
78-59-1	Isophorone	56.1		10	1.3
111-91-1	Bis(2-chloroethoxy)methane	57.3		10	1.0
91-20-3	Naphthalene	52.8		10	2.0
106-47-8	4-Chloroaniline	51.9		10	0.32
87-68-3	Hexachlorobutadiene	49.9		1.0	0.68
91-57-6	2-Methylnaphthalene	54.2		10	1.5
77-47-4	Hexachlorocyclopentadiene	60.0		10	1.5
91-58-7	2-Chloronaphthalene	60.6		10	1.3
88-74-4	2-Nitroaniline	62.7		10	2.0
131-11-3	Dimethyl phthalate	66.2		10	1.1
208-96-8	Acenaphthylene	64.6		10	1.8
606-20-2	2,6-Dinitrotoluene	69.8		2.0	0.27
99-09-2	3-Nitroaniline	61.3		10	2.9
83-32-9	Acenaphthene	60.9		10	1.1
132-64-9	Dibenzofuran	63.6		10	1.5
121-14-2	2,4-Dinitrotoluene	75.8		2.0	0.28

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-94855-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCS 460-299749/2-A</u>
Matrix: <u>Water</u>	Lab File ID: <u>N6015.D</u>
Analysis Method: <u>8270D</u>	Date Collected: _____
Extract. Method: <u>3510C</u>	Date Extracted: <u>05/20/2015 11:24</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>05/21/2015 05:14</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>5 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>299934</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	67.8		10	1.4
7005-72-3	4-Chlorophenyl phenyl ether	64.5		10	1.5
86-73-7	Fluorene	66.1		10	1.7
100-01-6	4-Nitroaniline	64.2		10	2.9
101-55-3	4-Bromophenyl phenyl ether	59.4		10	1.1
118-74-1	Hexachlorobenzene	59.9		1.0	0.20
85-01-8	Phenanthrene	59.5		10	1.2
120-12-7	Anthracene	59.5		10	0.85
86-74-8	Carbazole	59.0		10	1.2
84-74-2	Di-n-butyl phthalate	57.9		10	1.0
206-44-0	Fluoranthene	57.9		10	1.1
129-00-0	Pyrene	57.0		10	1.1
85-68-7	Butyl benzyl phthalate	57.5		10	1.4
91-94-1	3,3'-Dichlorobenzidine	61.9		10	3.2
56-55-3	Benzo[a]anthracene	56.3		1.0	0.18
218-01-9	Chrysene	57.7		2.0	1.4
117-81-7	Bis(2-ethylhexyl) phthalate	60.9		2.0	0.81
117-84-0	Di-n-octyl phthalate	56.4		10	0.88
205-99-2	Benzo[b]fluoranthene	56.4		1.0	0.21
207-08-9	Benzo[k]fluoranthene	63.7		1.0	0.14
50-32-8	Benzo[a]pyrene	61.5		1.0	0.14
193-39-5	Indeno[1,2,3-cd]pyrene	61.6		1.0	0.11
53-70-3	Dibenz(a,h)anthracene	65.5		1.0	0.16
191-24-2	Benzo[g,h,i]perylene	64.2		10	0.93
92-52-4	1,1'-Biphenyl	61.2		10	1.8
98-86-2	Acetophenone	54.6		10	0.89
108-60-1	2,2'-oxybis[1-chloropropane]	51.8		10	1.3
95-94-3	1,2,4,5-Tetrachlorobenzene	59.8		10	1.8
58-90-2	2,3,4,6-Tetrachlorophenol	66.3		10	0.89

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-299749/2-A
 Matrix: Water Lab File ID: N6015.D
 Analysis Method: 8270D Date Collected: _____
 Extract. Method: 3510C Date Extracted: 05/20/2015 11:24
 Sample wt/vol: 250 (mL) Date Analyzed: 05/21/2015 05:14
 Con. Extract Vol.: 2 (mL) Dilution Factor: 1
 Injection Volume: 5 (uL) Level: (low/med) Low
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 299934 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	66		60-114
4165-62-2	Phenol-d5	18		4-86
1718-51-0	Terphenyl-d14	68	*	72-130
118-79-6	2,4,6-Tribromophenol	78		51-126
367-12-4	2-Fluorophenol	31		15-96
321-60-8	2-Fluorobiphenyl	70		50-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150521-27631.b\N6015.D

Lims ID: LCS 460-299749/2-A

Client ID:

Sample Type: LCS

Inject. Date: 21-May-2015 05:14:30

ALS Bottle#:

5

Worklist Smp#:

5

Injection Vol: 5.0 ul

Dil. Factor:

1.0000

Sample Info: 460-0027631-005

Operator ID:

Instrument ID:

CBNAMS14

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150521-27631.b\8270LVI_14.m

Limit Group: SV 8270D ICAL

Last Update: 21-May-2015 15:27:01

Calib Date:

21-May-2015 00:13:30

Integrator: RTE

ID Type:

Deconvolution ID

Quant Method: Internal Standard

Quant By:

Initial Calibration

Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6008.D

Column 1 : Rtxi-5Sil MS (0.25 mm)

Det: MS SCAN

Process Host: XAWRK024

First Level Reviewer: croccom

Date:

21-May-2015 10:31:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.599	1.581	0.018	95	306393	10.0	3.52	
2 N-Nitrosodimethylamine	74	1.763	1.752	0.011	85	421297	10.0	3.64	
3 Pyridine	79	1.793	1.775	0.018	80	719050	10.0	3.45	
\$ 4 2-Fluorophenol	112	2.699	2.693	0.006	93	585230	10.0	3.06	
\$ 6 Phenol-d5	99	3.557	3.551	0.006	88	419192	10.0	1.85	
8 Aniline	93	3.552	3.551	0.001	99	1408596	10.0	5.01	
7 Phenol	94	3.569	3.569	0.000	99	596439	10.0	2.29	
9 Bis(2-chloroethyl)ether	93	3.616	3.622	-0.006	94	1285705	10.0	6.70	
10 Benzonitrile	103	3.634	3.640	-0.006	98	2206339	NC	NC	
11 2-Chlorophenol	128	3.675	3.675	0.000	95	1134714	10.0	5.74	
12 n-Decane	43	3.710	3.710	0.000	91	1766203	10.0	5.47	
13 1,3-Dichlorobenzene	146	3.816	3.816	0.000	96	1314497	10.0	6.05	
* 14 1,4-Dichlorobenzene-d4	152	3.875	3.869	0.006	97	1042224	8.00	8.00	
15 1,4-Dichlorobenzene	146	3.893	3.893	0.000	94	1343895	10.0	6.13	
16 Benzyl alcohol	108	4.028	4.028	0.000	94	585264	10.0	5.45	
17 1,2-Dichlorobenzene	146	4.040	4.040	0.000	96	1260172	10.0	6.31	
19 2,2'-oxybis[1-chloropropan	45	4.163	4.163	0.000	94	2444551	10.0	6.48	
18 2-Methylphenol	108	4.169	4.169	0.000	87	791651	10.0	4.79	
20 N-Methylaniline	106	4.281	4.287	-0.006	78	1556979	NC	NC	
21 Acetophenone	105	4.293	4.293	0.000	95	1517169	10.0	6.82	
22 N-Nitrosodi-n-propylamine	70	4.293	4.298	-0.005	94	751285	10.0	6.70	
23 3 & 4 Methylphenol	108	4.328	4.328	0.000	67	719908	10.0	4.20	
24 4-Methylphenol	108	4.328	4.328	0.000	95	715700	10.0	4.23	
25 Hexachloroethane	117	4.381	4.381	0.000	96	488693	10.0	5.65	
\$ 27 Nitrobenzene-d5	82	4.446	4.446	0.000	90	1129025	10.0	6.58	
29 n,n'-Dimethylaniline	120	4.463	4.463	0.000	84	1620291	10.0	6.06	
28 Nitrobenzene	77	4.463	4.463	0.000	86	1594137	10.0	6.81	
30 Isophorone	82	4.704	4.704	0.000	99	1857295	10.0	7.01	
32 2-Nitrophenol	139	4.781	4.787	-0.006	91	588363	10.0	6.92	
33 2,4-Dimethylphenol	122	4.857	4.857	0.000	91	882519	10.0	6.30	
34 Bis(2-chloroethoxy)methane	93	4.940	4.940	0.000	97	1297668	10.0	7.17	
35 Benzoic acid	122	4.934	4.987	-0.053	89	76928	10.0	1.46	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
36 2,4-Dichlorophenol	162	5.046	5.051	-0.005	95	856413	10.0	6.77	
37 1,2,4-Trichlorobenzene	180	5.104	5.110	-0.006	94	936281	10.0	6.57	
* 38 Naphthalene-d8	136	5.163	5.157	0.006	99	3517581	8.00	8.00	
39 Naphthalene	128	5.181	5.187	-0.006	99	3224048	10.0	6.60	
40 4-Chloroaniline	127	5.257	5.257	0.000	96	1184276	10.0	6.49	
41 Hexachlorobutadiene	225	5.316	5.310	0.006	95	463765	10.0	6.24	
43 4-Chloro-3-methylphenol	107	5.781	5.781	0.000	98	654431	10.0	5.92	
44 2-Methylnaphthalene	142	5.881	5.887	-0.006	86	1880170	10.0	6.78	
45 1-Methylnaphthalene	142	5.981	5.981	0.000	94	1631791	10.0	6.36	
46 Hexachlorocyclopentadiene	237	6.040	6.040	0.000	96	482142	10.0	7.50	
47 1,2,4,5-Tetrachlorobenzene	216	6.051	6.051	0.000	97	758019	10.0	7.47	
48 2-tertbutyl-4-methylphenol	149	6.116	6.116	0.000	91	1177906	10.0	7.00	
49 2,4,6-Trichlorophenol	196	6.181	6.181	0.000	88	488764	10.0	7.71	
50 2,4,5-Trichlorophenol	196	6.234	6.234	0.000	96	497403	10.0	7.56	
\$ 51 2-Fluorobiphenyl	172	6.263	6.263	0.000	98	1778961	10.0	7.01	
52 1,1'-Biphenyl	154	6.357	6.357	0.000	95	2199444	10.0	7.65	
53 2-Chloronaphthalene	162	6.369	6.369	0.000	97	1663778	10.0	7.57	
54 Phenyl ether	170	6.469	6.469	0.000	88	1037119	10.0	7.31	
55 2-Nitroaniline	65	6.493	6.492	0.000	97	505210	10.0	7.84	
57 1,3-Dimethylnaphthalene	156	6.587	6.587	0.000	93	1320754	10.0	7.51	
59 Dimethyl phthalate	163	6.681	6.681	0.000	99	1594048	10.0	8.27	
60 Coumarin	146	6.687	6.687	0.000	80	508171	10.0	7.10	
61 2,6-Dinitrotoluene	165	6.734	6.734	0.000	95	384105	10.0	8.72	
62 Acenaphthylene	152	6.781	6.781	0.000	98	2488753	10.0	8.07	
63 3-Nitroaniline	138	6.898	6.904	-0.006	96	404874	10.0	7.66	
* 64 Acenaphthene-d10	164	6.922	6.916	0.006	97	1322347	8.00	8.00	
66 Acenaphthene	154	6.951	6.951	0.000	94	1485384	10.0	7.61	
65 3,5-di-tert-butyl-4-hydrox	205	6.957	6.957	0.000	98	1262152	10.0	7.44	
67 2,4-Dinitrophenol	184	7.004	7.004	0.000	96	383536	20.0	14.4	
70 Dibenzofuran	168	7.122	7.122	0.000	97	2123857	10.0	7.94	
69 2,4-Dinitrotoluene	165	7.128	7.128	0.000	93	477276	10.0	9.47	
68 4-Nitrophenol	65	7.140	7.134	0.006	92	213233	20.0	5.93	
72 2,3,4,6-Tetrachlorophenol	232	7.257	7.257	0.000	93	355750	10.0	8.28	
73 Diethyl phthalate	149	7.381	7.381	0.000	99	1478566	10.0	8.48	
75 Fluorene	166	7.463	7.463	0.000	96	1660017	10.0	8.26	
74 4-Chlorophenyl phenyl ethe	204	7.475	7.475	0.000	89	747258	10.0	8.07	
76 4-Nitroaniline	138	7.504	7.504	0.000	92	352490	10.0	8.02	
77 4,6-Dinitro-2-methylphenol	198	7.528	7.528	0.000	90	516895	20.0	15.9	
79 1,2-Diphenylhydrazine	77	7.628	7.628	0.000	98	1586580	10.0	6.56	
\$ 80 2,4,6-Tribromophenol	330	7.704	7.704	0.000	94	200601	10.0	7.79	
81 4-Bromophenyl phenyl ether	248	7.951	7.951	0.000	87	399607	10.0	7.42	
82 Hexachlorobenzene	284	7.992	7.992	0.000	97	451614	10.0	7.49	
84 Pentachlorophenol	266	8.204	8.204	0.000	91	476107	20.0	14.4	
85 Pentachloronitrobenzene	237	8.204	8.204	0.000	56	148289	10.0	7.18	
86 n-Octadecane	57	8.298	8.298	0.000	89	1521673	10.0	7.05	
* 87 Phenanthrene-d10	188	8.381	8.380	0.001	99	1927001	8.00	8.00	
88 Phenanthrene	178	8.404	8.404	0.000	97	2158630	10.0	7.44	
89 Anthracene	178	8.451	8.451	0.000	99	2182924	10.0	7.44	
90 Carbazole	167	8.628	8.628	0.000	96	1818780	10.0	7.37	
91 Di-n-butyl phthalate	149	8.981	8.981	0.001	100	2018753	10.0	7.24	
92 Fluoranthene	202	9.569	9.569	0.000	98	1740918	10.0	7.24	
93 Benzidine	184	9.722	9.722	0.000	100	704717	10.0	5.65	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
94 Pyrene	202	9.786	9.786	0.000	97	1831505	10.0	7.12	
95 Bisphenol-A	213	9.881	9.880	0.001	0	186729	5.00	2.58	
\$ 96 Terphenyl-d14	244	9.957	9.957	0.000	99	1144437	10.0	6.82	
97 Butyl benzyl phthalate	149	10.469	10.469	0.000	98	694145	10.0	7.18	
99 Carbamazepine	193	10.569	10.575	-0.006	92	514170	10.0	7.75	
100 3,3'-Dichlorobenzidine	252	11.045	11.045	0.000	99	507966	10.0	7.74	
101 Benzo[a]anthracene	228	11.051	11.051	0.000	99	1376051	10.0	7.03	
* 102 Chrysene-d12	240	11.063	11.057	0.006	99	1231964	8.00	8.00	
104 Chrysene	228	11.092	11.092	0.000	99	1359374	10.0	7.22	
103 Bis(2-ethylhexyl) phthalat	149	11.122	11.122	0.000	91	972875	10.0	7.61	
105 Di-n-octyl phthalate	149	11.939	11.939	0.000	98	1500065	10.0	7.05	
106 Benzo[b]fluoranthene	252	12.380	12.380	0.000	99	1207219	10.0	7.05	
107 Benzo[k]fluoranthene	252	12.416	12.416	0.000	99	1494090	10.0	7.96	
108 Benzo[a]pyrene	252	12.804	12.804	0.000	97	1271700	10.0	7.69	
* 109 Perylene-d12	264	12.874	12.874	0.000	97	1208131	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.274	14.274	0.000	99	1083028	10.0	7.70	
111 Dibenz(a,h)anthracene	278	14.310	14.310	0.000	98	1219634	10.0	8.18	
112 Benzo[g,h,i]perylene	276	14.610	14.615	-0.005	97	1401066	10.0	8.03	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_ISTD_LVI_00072

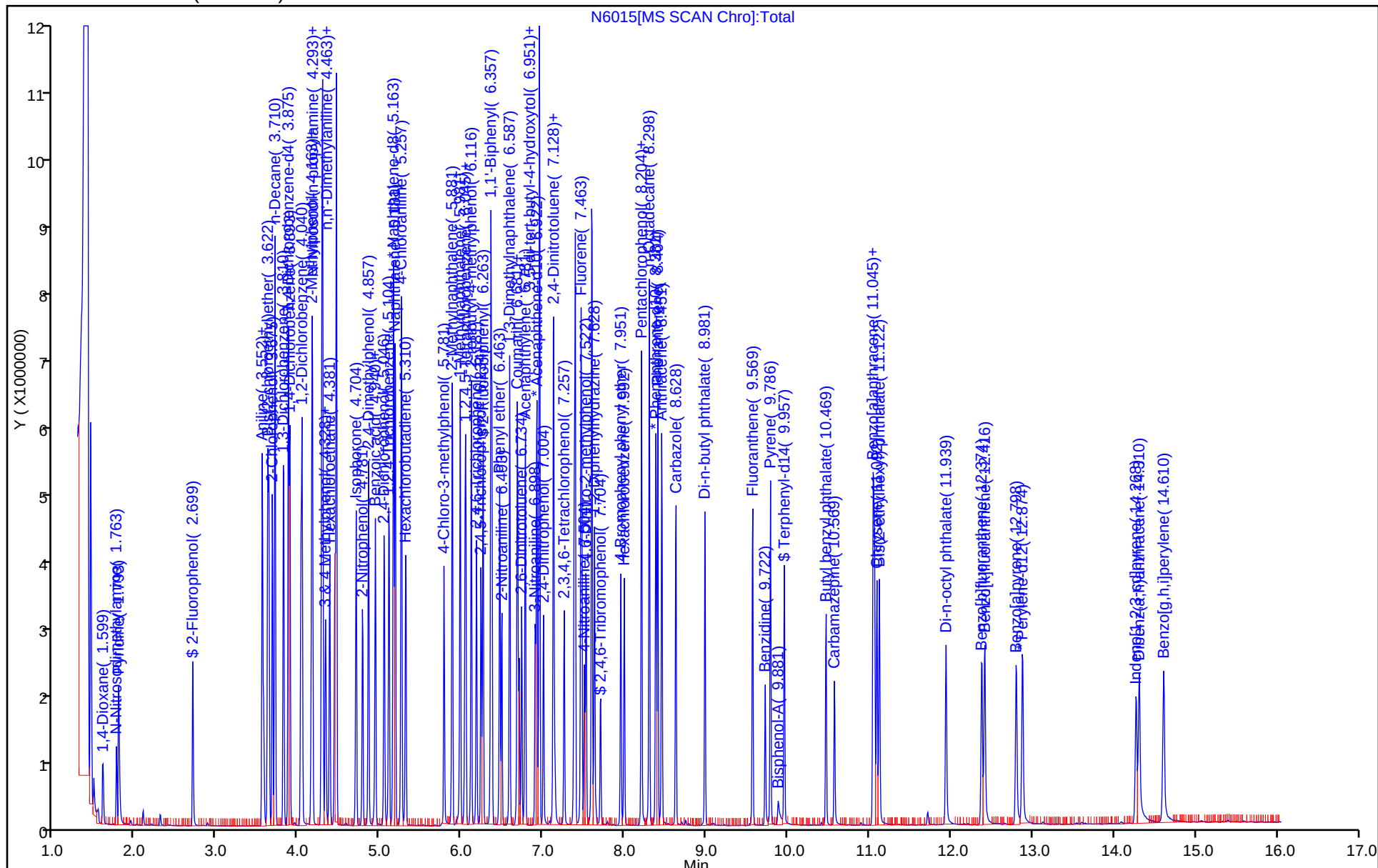
Amount Added: 20.00

Units: uL

Run Reagent

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS14\20150521-27631.b\N6015.D		
Injection Date:	21-May-2015 05:14:30	Instrument ID:	CBNAMS14
Lims ID:	LCS 460-299749/2-A		
Client ID:			
Injection Vol:	5.0 ul	Dil. Factor:	1.0000
Method:	8270LVI_14	Limit Group:	SV 8270D ICAL
Column:	Rtxi-5Sil MS (0.25 mm)		

Operator ID:
Worklist Smp#: 5
ALS Bottle#: 5



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-299749/4-A
 Matrix: Water Lab File ID: N6017.D
 Analysis Method: 8270D Date Collected: _____
 Extract. Method: 3510C Date Extracted: 05/20/2015 11:24
 Sample wt/vol: 250 (mL) Date Analyzed: 05/21/2015 06:03
 Con. Extract Vol.: 2 (mL) Dilution Factor: 1
 Injection Volume: 5 (uL) Level: (low/med) Low
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 299934 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	116		10	2.1
105-60-2	Caprolactam	30.9		10	0.91
1912-24-9	Atrazine	138		2.0	1.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	75		60-114
4165-62-2	Phenol-d5	24		4-86
1718-51-0	Terphenyl-d14	74		72-130
118-79-6	2,4,6-Tribromophenol	71		51-126
367-12-4	2-Fluorophenol	37		15-96
321-60-8	2-Fluorobiphenyl	76		50-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150521-27631.b\N6017.D
 Lims ID: LCS 460-299749/4-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 21-May-2015 06:03:30 ALS Bottle#: 7 Worklist Smp#: 7
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027631-007
 Operator ID: Instrument ID: CBNAMS14
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150521-27631.b\8270LVI_14.m
 Limit Group: SV 8270D ICAL
 Last Update: 21-May-2015 15:27:01 Calib Date: 21-May-2015 00:13:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6008.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK024

First Level Reviewer: croccom

Date: 21-May-2015 10:33:25

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	2.710	2.693	0.017	94	735916	10.0	3.71	
5 Benzaldehyde	77	3.457	3.445	0.012	94	2312363	20.0	14.5	
\$ 6 Phenol-d5	99	3.557	3.551	0.006	90	560578	10.0	2.38	
* 14 1,4-Dichlorobenzene-d4	152	3.875	3.869	0.006	97	1081284	8.00	8.00	
\$ 27 Nitrobenzene-d5	82	4.440	4.446	-0.006	92	1295392	10.0	7.47	
* 38 Naphthalene-d8	136	5.163	5.157	0.006	99	3551913	8.00	8.00	
42 Caprolactam	113	5.581	5.587	-0.006	86	104081	20.0	3.86	
\$ 51 2-Fluorobiphenyl	172	6.257	6.263	-0.006	98	1826264	10.0	7.63	
* 64 Acenaphthene-d10	164	6.916	6.916	0.000	97	1247971	8.00	8.00	
\$ 80 2,4,6-Tribromophenol	330	7.698	7.704	-0.006	94	173305	10.0	7.13	
83 Atrazine	200	8.133	8.133	0.000	88	631690	20.0	17.2	
* 87 Phenanthrene-d10	188	8.380	8.380	0.000	99	1745381	8.00	8.00	
\$ 96 Terphenyl-d14	244	9.957	9.957	0.000	99	1141565	10.0	7.36	
* 102 Chrysene-d12	240	11.057	11.057	0.000	99	1138626	8.00	8.00	
* 109 Perylene-d12	264	12.874	12.874	0.000	97	1014053	8.00	8.00	

Reagents:

SM_ISTD_LVI_00072

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CBNAMS14\20150521-27631.b\N6017.D

Injection Date: 21-May-2015 06:03:30

Instrument ID: CBNAMS14

Operator ID:

Lims ID: LCS 460-299749/4-A

Worklist Smp#: 7

Client ID:

Injection Vol: 5.0 ul

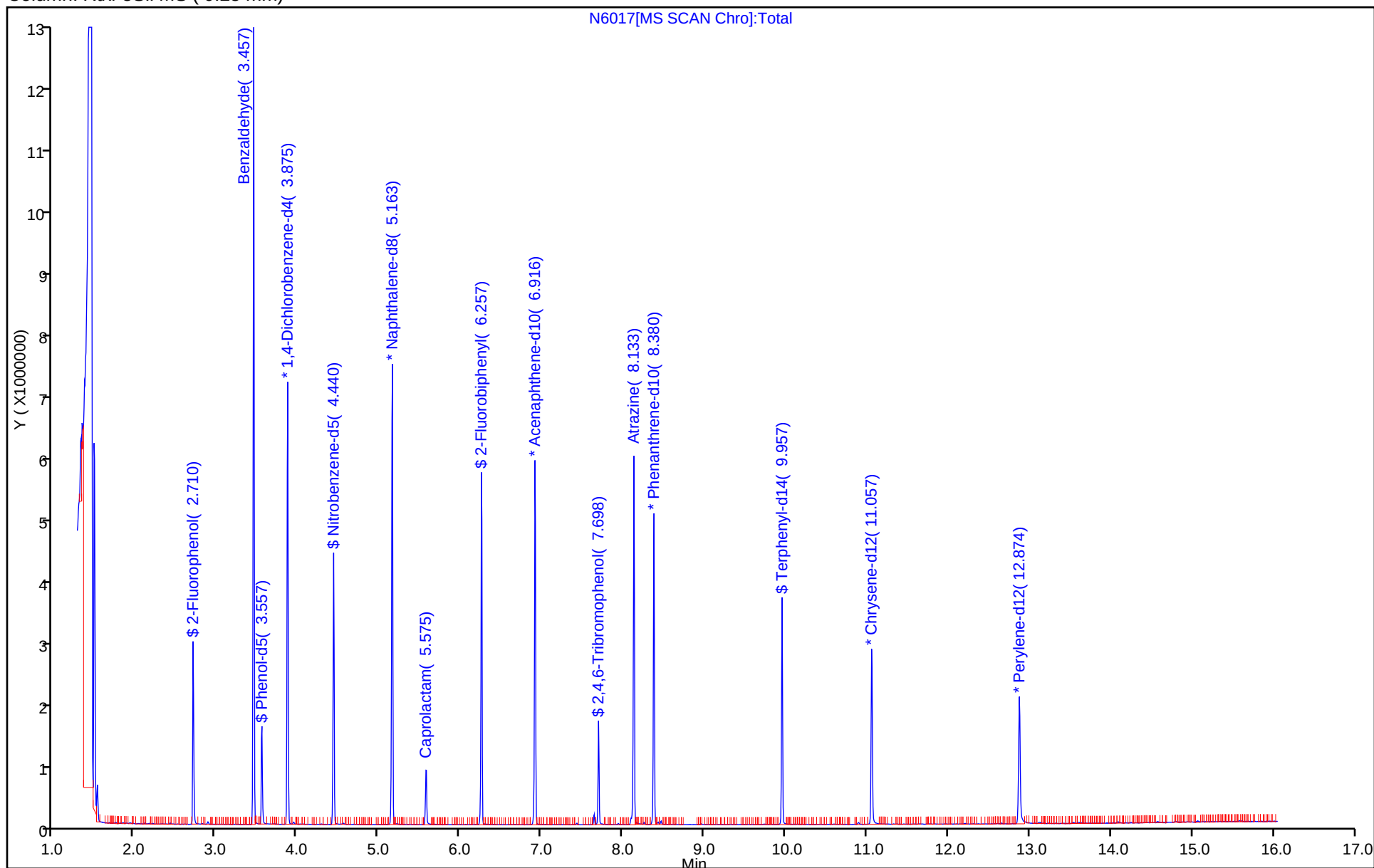
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8270LVI_14

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-94855-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCSD 460-298867/3-A</u>
Matrix: <u>Water</u>	Lab File ID: <u>C16216.D</u>
Analysis Method: <u>8270D</u>	Date Collected: _____
Extract. Method: <u>3510C</u>	Date Extracted: <u>05/15/2015 11:18</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>05/18/2015 09:14</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>5 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>299127</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	27.3		10	0.60
95-57-8	2-Chlorophenol	62.6		10	0.93
95-48-7	2-Methylphenol	56.0		10	1.4
106-44-5	4-Methylphenol	53.6		10	1.0
88-75-5	2-Nitrophenol	77.5		10	0.68
105-67-9	2,4-Dimethylphenol	66.8		10	1.2
120-83-2	2,4-Dichlorophenol	76.1		10	1.1
59-50-7	4-Chloro-3-methylphenol	72.8		10	1.1
88-06-2	2,4,6-Trichlorophenol	88.6		10	1.4
95-95-4	2,4,5-Trichlorophenol	85.1		10	2.2
51-28-5	2,4-Dinitrophenol	164		20	2.0
100-02-7	4-Nitrophenol	49.1		20	2.0
534-52-1	4,6-Dinitro-2-methylphenol	173		20	3.0
87-86-5	Pentachlorophenol	154		20	2.7
111-44-4	Bis(2-chloroethyl)ether	65.3		1.0	0.30
621-64-7	N-Nitrosodi-n-propylamine	78.3		1.0	0.27
67-72-1	Hexachloroethane	59.3		1.0	0.15
98-95-3	Nitrobenzene	73.1		1.0	0.34
78-59-1	Isophorone	70.6		10	1.3
111-91-1	Bis(2-chloroethoxy)methane	74.1		10	1.0
91-20-3	Naphthalene	67.8		10	2.0
106-47-8	4-Chloroaniline	70.8		10	0.32
87-68-3	Hexachlorobutadiene	63.8		1.0	0.68
91-57-6	2-Methylnaphthalene	70.0		10	1.5
77-47-4	Hexachlorocyclopentadiene	70.2		10	1.5
91-58-7	2-Chloronaphthalene	77.4		10	1.3
88-74-4	2-Nitroaniline	83.6		10	2.0
131-11-3	Dimethyl phthalate	82.6		10	1.1
208-96-8	Acenaphthylene	82.1		10	1.8
606-20-2	2,6-Dinitrotoluene	87.9		2.0	0.27
99-09-2	3-Nitroaniline	72.6		10	2.9
83-32-9	Acenaphthene	83.3		10	1.1
132-64-9	Dibenzofuran	78.3		10	1.5
121-14-2	2,4-Dinitrotoluene	80.8		2.0	0.28

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-94855-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCSD 460-298867/3-A</u>
Matrix: <u>Water</u>	Lab File ID: <u>C16216.D</u>
Analysis Method: <u>8270D</u>	Date Collected: _____
Extract. Method: <u>3510C</u>	Date Extracted: <u>05/15/2015 11:18</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>05/18/2015 09:14</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>5 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>299127</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	78.4		10	1.4
7005-72-3	4-Chlorophenyl phenyl ether	81.7		10	1.5
86-73-7	Fluorene	81.1		10	1.7
100-01-6	4-Nitroaniline	65.5		10	2.9
101-55-3	4-Bromophenyl phenyl ether	83.4		10	1.1
118-74-1	Hexachlorobenzene	84.2		1.0	0.20
85-01-8	Phenanthrene	77.4		10	1.2
120-12-7	Anthracene	76.0		10	0.85
86-74-8	Carbazole	70.1		10	1.2
84-74-2	Di-n-butyl phthalate	69.5		10	1.0
206-44-0	Fluoranthene	67.6		10	1.1
129-00-0	Pyrene	115		10	1.1
85-68-7	Butyl benzyl phthalate	80.9		10	1.4
91-94-1	3,3'-Dichlorobenzidine	59.7		10	3.2
56-55-3	Benzo[a]anthracene	80.5		1.0	0.18
218-01-9	Chrysene	78.0		2.0	1.4
117-81-7	Bis(2-ethylhexyl) phthalate	79.1		2.0	0.81
117-84-0	Di-n-octyl phthalate	91.4		10	0.88
205-99-2	Benzo[b]fluoranthene	89.8		1.0	0.21
207-08-9	Benzo[k]fluoranthene	84.9		1.0	0.14
50-32-8	Benzo[a]pyrene	83.8		1.0	0.14
193-39-5	Indeno[1,2,3-cd]pyrene	95.1		1.0	0.11
53-70-3	Dibenz(a,h)anthracene	95.4		1.0	0.16
191-24-2	Benzo[g,h,i]perylene	99.0		10	0.93
92-52-4	1,1'-Biphenyl	80.0		10	1.8
98-86-2	Acetophenone	74.4		10	0.89
108-60-1	2,2'-oxybis[1-chloropropane]	63.3		10	1.3
95-94-3	1,2,4,5-Tetrachlorobenzene	77.3		10	1.8
58-90-2	2,3,4,6-Tetrachlorophenol	85.2		10	0.89

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-94855-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCSD 460-298867/3-A</u>
Matrix: <u>Water</u>	Lab File ID: <u>C16216.D</u>
Analysis Method: <u>8270D</u>	Date Collected: _____
Extract. Method: <u>3510C</u>	Date Extracted: <u>05/15/2015 11:18</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>05/18/2015 09:14</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>5 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>299127</u>	Units: <u>ug/L</u>

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	84		60-114
4165-62-2	Phenol-d5	30		4-86
1718-51-0	Terphenyl-d14	115		72-130
118-79-6	2,4,6-Tribromophenol	96		51-126
367-12-4	2-Fluorophenol	42		15-96
321-60-8	2-Fluorobiphenyl	89		50-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150518-27485.b\C16216.D
 Lims ID: LCSD 460-298867/3-A
 Client ID:
 Sample Type: LCSD
 Inject. Date: 18-May-2015 09:14:30 ALS Bottle#: 9 Worklist Smp#: 9
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027485-009
 Operator ID: Instrument ID: CBNAMS13
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150518-27485.b\8270LVI_R13.m
 Limit Group: SV 8270D ICAL
 Last Update: 19-May-2015 09:53:39 Calib Date: 07-May-2015 19:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK027

First Level Reviewer: szczecha

Date: 18-May-2015 15:19:55

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	2.834	2.840	-0.006	98	437984	10.0	4.73	
2 N-Nitrosodimethylamine	74	3.063	3.069	-0.006	83	725687	10.0	5.14	
3 Pyridine	79	3.134	3.140	-0.006	85	1003533	10.0	4.25	
\$ 4 2-Fluorophenol	112	4.251	4.257	-0.006	95	903406	10.0	4.25	
\$ 6 Phenol-d5	99	5.098	5.099	-0.001	97	764291	10.0	3.03	
7 Phenol	94	5.110	5.110	0.000	99	927937	10.0	3.41	
8 Aniline	93	5.187	5.187	0.000	99	2513839	10.0	7.12	
9 Bis(2-chloroethyl)ether	93	5.216	5.210	0.006	94	2146840	10.0	8.16	
125 Benzonitrile	103	5.263	5.263	0.000	98	3544187	NC	NC	
11 n-Decane	43	5.316	5.316	0.000	93	1980093	10.0	6.12	
10 2-Chlorophenol	128	5.322	5.322	0.000	95	1775890	10.0	7.83	
12 1,3-Dichlorobenzene	146	5.481	5.481	0.000	96	1859573	10.0	7.39	
* 13 1,4-Dichlorobenzene-d4	152	5.528	5.522	0.006	96	1226200	8.00	8.00	
14 1,4-Dichlorobenzene	146	5.545	5.546	-0.001	94	1923115	10.0	7.56	
15 Benzyl alcohol	108	5.628	5.628	0.000	94	1104659	10.0	8.66	
16 1,2-Dichlorobenzene	146	5.704	5.704	0.000	95	1844276	10.0	7.83	
17 2-Methylphenol	108	5.716	5.716	0.000	90	1418626	10.0	7.00	
18 2,2'-oxybis[1-chloropropan	45	5.751	5.751	0.000	94	3323054	10.0	7.91	
22 3 & 4 Methylphenol	108	5.869	5.863	0.006	65	1396661	10.0	6.71	
21 4-Methylphenol	108	5.869	5.863	0.006	94	1392465	10.0	6.70	
20 N-Nitrosodi-n-propylamine	70	5.887	5.887	-0.001	92	1449260	10.0	9.79	
126 N-Methylaniline	106	5.892	5.893	-0.001	79	2744970	NC	NC	
19 Acetophenone	105	5.910	5.904	0.006	95	2640612	10.0	9.30	
24 Hexachloroethane	117	6.057	6.057	0.000	90	750615	10.0	7.41	
\$ 25 Nitrobenzene-d5	82	6.069	6.069	0.000	90	1966054	10.0	8.38	
27 n,n'-Dimethylaniline	120	6.086	6.087	-0.001	92	2793043	10.0	8.33	
26 Nitrobenzene	77	6.086	6.087	-0.001	95	2756999	10.0	9.14	
28 Isophorone	82	6.322	6.316	0.006	99	3221971	10.0	8.83	
30 2,4-Dimethylphenol	122	6.404	6.404	0.000	92	1712051	10.0	8.35	
29 2-Nitrophenol	139	6.410	6.410	0.000	82	1054249	10.0	9.69	
32 Benzoic acid	122	6.451	6.475	-0.024	89	180504	10.0	1.86	
31 Bis(2-chloroethoxy)methane	93	6.492	6.493	-0.001	98	2323051	10.0	9.26	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 2,4-Dichlorophenol	162	6.651	6.651	0.000	96	1510388	10.0	9.51	
34 1,2,4-Trichlorobenzene	180	6.745	6.746	-0.001	95	1406471	10.0	7.97	
* 35 Naphthalene-d8	136	6.816	6.810	0.006	100	4592981	8.00	8.00	
36 Naphthalene	128	6.839	6.840	-0.001	98	5406226	10.0	8.48	
37 4-Chloroaniline	127	6.857	6.857	0.000	96	3015412	10.0	8.85	
38 Hexachlorobutadiene	225	6.951	6.946	0.005	93	728837	10.0	7.98	
40 4-Chloro-3-methylphenol	107	7.316	7.310	0.006	97	1379311	10.0	9.10	
41 2-Methylnaphthalene	142	7.533	7.534	-0.001	85	3417932	10.0	8.76	
42 1-Methylnaphthalene	142	7.639	7.640	-0.001	93	2990664	10.0	8.24	
45 2-tertbutyl-4-methylphenol	149	7.663	7.663	0.000	91	2414442	10.0	9.62	
43 Hexachlorocyclopentadiene	237	7.698	7.698	0.000	95	765823	10.0	8.77	
44 1,2,4,5-Tetrachlorobenzene	216	7.710	7.704	0.006	96	1337804	10.0	9.66	
46 2,4,6-Trichlorophenol	196	7.804	7.804	0.000	87	971703	10.0	11.1	
47 2,4,5-Trichlorophenol	196	7.845	7.845	0.000	95	1009118	10.0	10.6	
\$ 48 2-Fluorobiphenyl	172	7.880	7.881	-0.001	97	3068899	10.0	8.93	
49 1,1'-Biphenyl	154	7.992	7.993	0.000	96	3960256	10.0	10.0	
50 2-Chloronaphthalene	162	8.033	8.034	-0.001	96	2983312	10.0	9.67	
53 Phenyl ether	170	8.086	8.087	-0.001	86	1946418	10.0	9.77	
54 2-Nitroaniline	65	8.110	8.104	0.006	97	1083853	10.0	10.4	
55 1,3-Dimethylnaphthalene	156	8.245	8.245	0.000	91	2389357	10.0	9.69	
56 Dimethyl phthalate	163	8.257	8.251	0.006	99	2935684	10.0	10.3	
58 2,6-Dinitrotoluene	165	8.333	8.328	0.005	94	724803	10.0	11.0	
57 Coumarin	146	8.339	8.334	0.005	82	944093	10.0	8.21	
59 Acenaphthylene	152	8.469	8.463	0.006	97	4623898	10.0	10.3	
60 3-Nitroaniline	138	8.516	8.516	0.000	96	722385	10.0	9.07	
63 3,5-di-tert-butyl-4-hydrox	205	8.551	8.551	0.000	98	2404113	10.0	9.66	
* 61 Acenaphthene-d10	164	8.604	8.598	0.006	98	1882818	8.00	8.00	
64 2,4-Dinitrophenol	184	8.622	8.616	0.006	94	741066	20.0	20.5	
62 Acenaphthene	154	8.639	8.640	-0.001	96	3124493	10.0	10.4	
65 4-Nitrophenol	65	8.645	8.645	0.000	93	334469	20.0	6.14	
67 2,4-Dinitrotoluene	165	8.745	8.745	0.000	94	824559	10.0	10.1	
66 Dibenzofuran	168	8.810	8.804	0.006	95	3835839	10.0	9.79	
68 2,3,4,6-Tetrachlorophenol	232	8.922	8.916	0.006	91	675742	10.0	10.7	
69 Diethyl phthalate	149	8.957	8.957	0.000	98	2701222	10.0	9.80	
71 4-Chlorophenyl phenyl ethe	204	9.116	9.116	0.000	84	1372609	10.0	10.2	
72 4-Nitroaniline	138	9.139	9.134	0.005	91	572558	10.0	8.19	
70 Fluorene	166	9.157	9.157	0.000	96	3062001	10.0	10.1	
73 4,6-Dinitro-2-methylphenol	198	9.169	9.169	0.000	86	822271	20.0	21.7	
75 1,2-Diphenylhydrazine	77	9.280	9.281	-0.001	99	3124637	10.0	9.69	
\$ 76 2,4,6-Tribromophenol	330	9.398	9.398	0.000	93	342134	10.0	9.59	
77 4-Bromophenyl phenyl ether	248	9.622	9.616	0.006	89	728879	10.0	10.4	
78 Hexachlorobenzene	284	9.733	9.734	-0.001	99	751455	10.0	10.5	
82 n-Octadecane	57	9.869	9.869	0.000	94	2613152	10.0	10.4	
121 Pentachlorophenol	266	9.910	9.910	0.000	92	809129	20.0	19.2	
81 Pentachloronitrobenzene	237	9.927	9.928	-0.001	86	259099	10.0	9.97	
* 83 Phenanthrene-d10	188	10.116	10.110	0.006	99	2278629	8.00	8.00	
84 Phenanthrene	178	10.139	10.139	0.000	98	3378198	10.0	9.67	
85 Anthracene	178	10.192	10.192	0.000	98	3394785	10.0	9.50	
86 Carbazole	167	10.327	10.328	-0.001	96	2568239	10.0	8.76	
87 Di-n-butyl phthalate	149	10.604	10.604	0.000	100	3006807	10.0	8.69	
88 Fluoranthene	202	11.463	11.457	0.006	97	2128979	10.0	8.45	
122 Benzidine	184	11.551	11.551	0.000	99	298559	10.0	2.61	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
123 Bisphenol-A	213	11.692	11.692	0.000	0	161188	5.00	6.04	
90 Pyrene	202	11.757	11.757	0.000	96	2056403	10.0	14.3	
\$ 91 Terphenyl-d14	244	11.874	11.875	-0.001	99	1126767	10.0	11.5	
92 Butyl benzyl phthalate	149	12.480	12.480	0.000	98	561971	10.0	10.1	
93 Carbamazepine	193	12.710	12.710	0.000	93	220941	10.0	7.14	
98 Bis(2-ethylhexyl) phthalat	149	13.321	13.322	-0.001	90	606837	10.0	9.89	
94 3,3'-Dichlorobenzidine	252	13.345	13.345	0.000	99	227299	10.0	7.46	
95 Benzo[a]anthracene	228	13.445	13.445	0.000	99	885510	10.0	10.1	
* 96 Chrysene-d12	240	13.462	13.457	0.005	98	573414	8.00	8.00	
97 Chrysene	228	13.504	13.504	0.000	98	810957	10.0	9.76	
99 Di-n-octyl phthalate	149	14.374	14.369	0.005	97	703864	10.0	11.4	
100 Benzo[b]fluoranthene	252	15.192	15.192	0.000	98	498749	10.0	11.2	
101 Benzo[k]fluoranthene	252	15.239	15.233	0.006	99	518608	10.0	10.6	
102 Benzo[a]pyrene	252	15.762	15.763	-0.001	96	459417	10.0	10.5	
* 103 Perylene-d12	264	15.862	15.857	0.005	95	318771	8.00	8.00	
104 Indeno[1,2,3-cd]pyrene	276	18.033	18.027	0.006	97	641348	10.0	11.9	
105 Dibenz(a,h)anthracene	278	18.045	18.045	0.000	94	535259	10.0	11.9	
106 Benzo[g,h,i]perylene	276	18.680	18.680	0.000	95	576436	10.0	12.4	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_ISTD_LVI_00072

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CBNAMS13\20150518-27485.b\C16216.D

Injection Date: 18-May-2015 09:14:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: LCSD 460-298867/3-A

Worklist Smp#: 9

Client ID:

Injection Vol: 5.0 ul

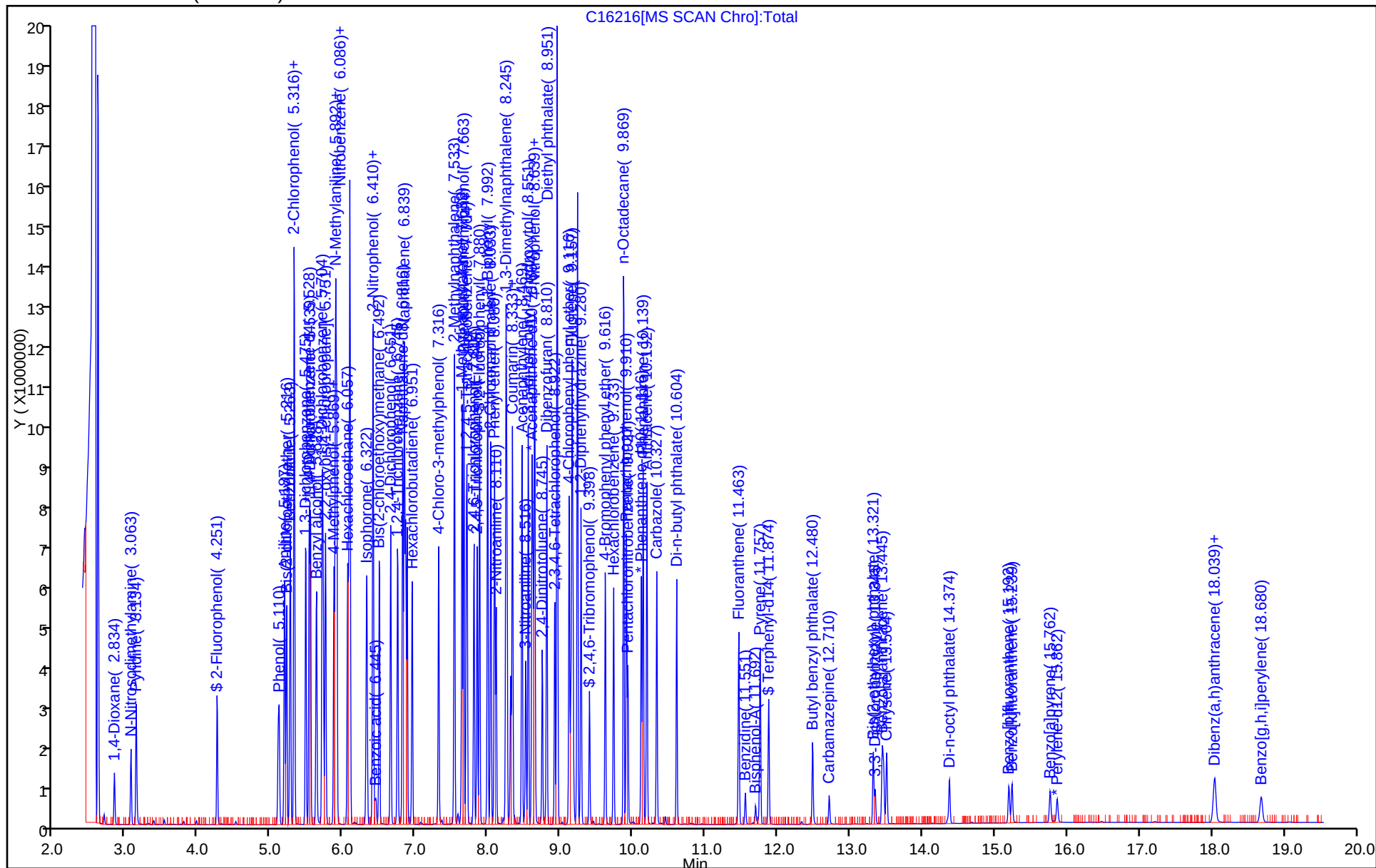
Dil. Factor: 1.0000

ALS Bottle#: 9

Method: 8270LVI_R13

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-298867/5-A
 Matrix: Water Lab File ID: C16455.D
 Analysis Method: 8270D Date Collected: _____
 Extract. Method: 3510C Date Extracted: 05/15/2015 11:18
 Sample wt/vol: 250 (mL) Date Analyzed: 05/23/2015 13:02
 Con. Extract Vol.: 2 (mL) Dilution Factor: 1
 Injection Volume: 5 (uL) Level: (low/med) Low
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 300593 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	136		10	2.1
105-60-2	Caprolactam	37.3		10	0.91
1912-24-9	Atrazine	148		2.0	1.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	81		60-114
4165-62-2	Phenol-d5	30		4-86
1718-51-0	Terphenyl-d14	87		72-130
118-79-6	2,4,6-Tribromophenol	80		51-126
367-12-4	2-Fluorophenol	46		15-96
321-60-8	2-Fluorobiphenyl	90		50-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150523-27759.b\C16455.D
 Lims ID: LCSD 460-298867/5-A
 Client ID:
 Sample Type: LCSD
 Inject. Date: 23-May-2015 13:02:30 ALS Bottle#: 8 Worklist Smp#: 8
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027759-008
 Operator ID: Instrument ID: CBNAMS13
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150523-27759.b\8270LVI_R13.m
 Limit Group: SV 8270D ICAL
 Last Update: 23-May-2015 20:35:35 Calib Date: 07-May-2015 19:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK032

First Level Reviewer: bayoumiw

Date: 23-May-2015 20:35:34

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	4.140	4.140	0.000	95	882566	10.0	4.55	
5 Benzaldehyde	77	4.981	4.981	0.000	95	2781184	20.0	17.0	
\$ 6 Phenol-d5	99	4.993	4.998	-0.005	89	686774	10.0	2.98	
* 13 1,4-Dichlorobenzene-d4	152	5.416	5.422	-0.006	97	1117472	8.00	8.00	
\$ 25 Nitrobenzene-d5	82	5.957	5.963	-0.006	90	1609482	10.0	8.11	
* 35 Naphthalene-d8	136	6.710	6.710	0.000	100	3885435	8.00	8.00	
39 Caprolactam	113	7.063	7.069	-0.006	91	176265	20.0	4.66	
\$ 48 2-Fluorobiphenyl	172	7.775	7.775	0.000	97	2549343	10.0	9.05	
* 61 Acenaphthene-d10	164	8.492	8.492	0.000	98	1544852	8.00	8.00	
\$ 76 2,4,6-Tribromophenol	330	9.286	9.286	0.000	93	233043	10.0	7.96	
79 Atrazine	200	9.622	9.616	0.006	89	790481	20.0	18.5	
* 83 Phenanthrene-d10	188	9.998	9.998	0.000	99	1916693	8.00	8.00	
\$ 91 Terphenyl-d14	244	11.739	11.739	0.000	98	1001177	10.0	8.72	
* 96 Chrysene-d12	240	13.304	13.304	0.000	98	642022	8.00	8.00	
* 103 Perylene-d12	264	15.668	15.668	0.000	95	543636	8.00	8.00	

Reagents:

SM_ISTD_LVI_00072

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CBNAMS13\20150523-27759.b\C16455.D

Injection Date: 23-May-2015 13:02:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: LCSD 460-298867/5-A

Worklist Smp#: 8

Client ID:

Injection Vol: 5.0 ul

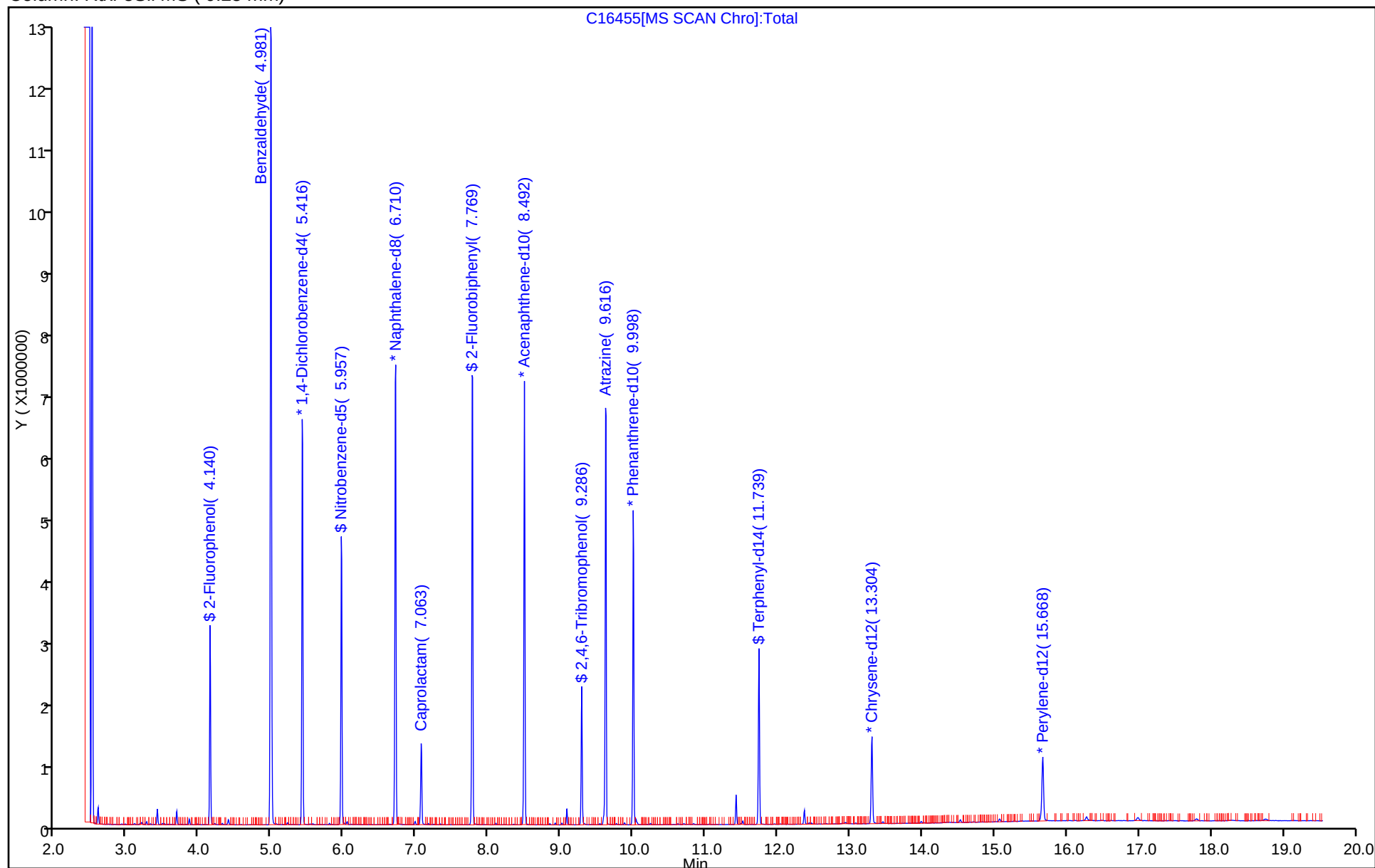
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8270LVI_R13

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-94855-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCSD 460-299749/3-A</u>
Matrix: <u>Water</u>	Lab File ID: <u>N6016.D</u>
Analysis Method: <u>8270D</u>	Date Collected: _____
Extract. Method: <u>3510C</u>	Date Extracted: <u>05/20/2015 11:24</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>05/21/2015 05:38</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>5 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>299934</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	18.6		10	0.60
95-57-8	2-Chlorophenol	46.5		10	0.93
95-48-7	2-Methylphenol	39.1		10	1.4
106-44-5	4-Methylphenol	34.4		10	1.0
88-75-5	2-Nitrophenol	55.5		10	0.68
105-67-9	2,4-Dimethylphenol	51.2		10	1.2
120-83-2	2,4-Dichlorophenol	53.3		10	1.1
59-50-7	4-Chloro-3-methylphenol	46.4		10	1.1
88-06-2	2,4,6-Trichlorophenol	62.8		10	1.4
95-95-4	2,4,5-Trichlorophenol	60.4		10	2.2
51-28-5	2,4-Dinitrophenol	106		20	2.0
100-02-7	4-Nitrophenol	46.5		20	2.0
534-52-1	4,6-Dinitro-2-methylphenol	126		20	3.0
87-86-5	Pentachlorophenol	108		20	2.7
111-44-4	Bis(2-chloroethyl)ether	54.5		1.0	0.30
621-64-7	N-Nitrosodi-n-propylamine	53.8		1.0	0.27
67-72-1	Hexachloroethane	44.3		1.0	0.15
98-95-3	Nitrobenzene	55.1		1.0	0.34
78-59-1	Isophorone	54.1		10	1.3
111-91-1	Bis(2-chloroethoxy)methane	56.3		10	1.0
91-20-3	Naphthalene	52.2		10	2.0
106-47-8	4-Chloroaniline	52.1		10	0.32
87-68-3	Hexachlorobutadiene	50.2		1.0	0.68
91-57-6	2-Methylnaphthalene	53.6		10	1.5
77-47-4	Hexachlorocyclopentadiene	64.7		10	1.5
91-58-7	2-Chloronaphthalene	62.0		10	1.3
88-74-4	2-Nitroaniline	65.0		10	2.0
131-11-3	Dimethyl phthalate	65.7		10	1.1
208-96-8	Acenaphthylene	66.2		10	1.8
606-20-2	2,6-Dinitrotoluene	68.6		2.0	0.27
99-09-2	3-Nitroaniline	60.5		10	2.9
83-32-9	Acenaphthene	62.6		10	1.1
132-64-9	Dibenzofuran	63.8		10	1.5
121-14-2	2,4-Dinitrotoluene	74.5		2.0	0.28

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-94855-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCSD 460-299749/3-A</u>
Matrix: <u>Water</u>	Lab File ID: <u>N6016.D</u>
Analysis Method: <u>8270D</u>	Date Collected: _____
Extract. Method: <u>3510C</u>	Date Extracted: <u>05/20/2015 11:24</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>05/21/2015 05:38</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>5 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>299934</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	66.2		10	1.4
7005-72-3	4-Chlorophenyl phenyl ether	66.0		10	1.5
86-73-7	Fluorene	66.8		10	1.7
100-01-6	4-Nitroaniline	66.7		10	2.9
101-55-3	4-Bromophenyl phenyl ether	57.1		10	1.1
118-74-1	Hexachlorobenzene	60.9		1.0	0.20
85-01-8	Phenanthrene	58.8		10	1.2
120-12-7	Anthracene	58.1		10	0.85
86-74-8	Carbazole	59.3		10	1.2
84-74-2	Di-n-butyl phthalate	57.6		10	1.0
206-44-0	Fluoranthene	58.7		10	1.1
129-00-0	Pyrene	52.6		10	1.1
85-68-7	Butyl benzyl phthalate	53.7		10	1.4
91-94-1	3,3'-Dichlorobenzidine	62.0		10	3.2
56-55-3	Benzo[a]anthracene	54.6		1.0	0.18
218-01-9	Chrysene	57.2		2.0	1.4
117-81-7	Bis(2-ethylhexyl) phthalate	58.3		2.0	0.81
117-84-0	Di-n-octyl phthalate	55.1		10	0.88
205-99-2	Benzo[b]fluoranthene	60.2		1.0	0.21
207-08-9	Benzo[k]fluoranthene	62.6		1.0	0.14
50-32-8	Benzo[a]pyrene	62.9		1.0	0.14
193-39-5	Indeno[1,2,3-cd]pyrene	63.0		1.0	0.11
53-70-3	Dibenz(a,h)anthracene	67.8		1.0	0.16
191-24-2	Benzo[g,h,i]perylene	65.5		10	0.93
92-52-4	1,1'-Biphenyl	62.8		10	1.8
98-86-2	Acetophenone	54.7		10	0.89
108-60-1	2,2'-oxybis[1-chloropropane]	52.0		10	1.3
95-94-3	1,2,4,5-Tetrachlorobenzene	62.8		10	1.8
58-90-2	2,3,4,6-Tetrachlorophenol	64.9		10	0.89

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-94855-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCSD 460-299749/3-A</u>
Matrix: <u>Water</u>	Lab File ID: <u>N6016.D</u>
Analysis Method: <u>8270D</u>	Date Collected: _____
Extract. Method: <u>3510C</u>	Date Extracted: <u>05/20/2015 11:24</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>05/21/2015 05:38</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>5 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>299934</u>	Units: <u>ug/L</u>

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	65		60-114
4165-62-2	Phenol-d5	19		4-86
1718-51-0	Terphenyl-d14	62	*	72-130
118-79-6	2,4,6-Tribromophenol	75		51-126
367-12-4	2-Fluorophenol	32		15-96
321-60-8	2-Fluorobiphenyl	71		50-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150521-27631.b\N6016.D
 Lims ID: LCSD 460-299749/3-A
 Client ID:
 Sample Type: LCSD
 Inject. Date: 21-May-2015 05:38:30 ALS Bottle#: 6 Worklist Smp#: 6
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027631-006
 Operator ID: Instrument ID: CBNAMS14
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150521-27631.b\8270LVI_14.m
 Limit Group: SV 8270D ICAL
 Last Update: 21-May-2015 15:27:01 Calib Date: 21-May-2015 00:13:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6008.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK024

First Level Reviewer: croccom

Date: 21-May-2015 10:32:47

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.610	1.581	0.029	94	297556	10.0	3.68	
2 N-Nitrosodimethylamine	74	1.775	1.752	0.023	84	400777	10.0	3.73	
3 Pyridine	79	1.804	1.775	0.029	79	711857	10.0	3.69	
\$ 4 2-Fluorophenol	112	2.704	2.693	0.011	94	559506	10.0	3.15	
\$ 6 Phenol-d5	99	3.557	3.551	0.006	90	401573	10.0	1.91	
8 Aniline	93	3.551	3.551	0.000	99	1319922	10.0	5.06	
7 Phenol	94	3.569	3.569	0.000	98	562658	10.0	2.33	
9 Bis(2-chloroethyl)ether	93	3.616	3.622	-0.006	97	1212453	10.0	6.81	
10 Benzonitrile	103	3.634	3.640	-0.006	98	2037098	NC	NC	
11 2-Chlorophenol	128	3.675	3.675	0.000	94	1065672	10.0	5.81	
12 n-Decane	43	3.710	3.710	0.000	91	1552771	10.0	5.19	
13 1,3-Dichlorobenzene	146	3.810	3.816	-0.006	96	1171734	10.0	5.81	
* 14 1,4-Dichlorobenzene-d4	152	3.875	3.869	0.006	97	966889	8.00	8.00	
15 1,4-Dichlorobenzene	146	3.893	3.893	0.000	95	1211304	10.0	5.96	
16 Benzyl alcohol	108	4.028	4.028	0.000	93	545073	10.0	5.47	
17 1,2-Dichlorobenzene	146	4.040	4.040	0.000	96	1113697	10.0	6.01	
19 2,2'-oxybis[1-chloropropan	45	4.163	4.163	0.000	94	2278228	10.0	6.51	
18 2-Methylphenol	108	4.169	4.169	0.000	87	749848	10.0	4.89	
20 N-Methylaniline	106	4.281	4.287	-0.006	78	1444402	NC	NC	
21 Acetophenone	105	4.293	4.293	0.000	96	1410936	10.0	6.84	
22 N-Nitrosodi-n-propylamine	70	4.293	4.298	-0.005	94	699862	10.0	6.73	
23 3 & 4 Methylphenol	108	4.328	4.328	0.000	68	681621	10.0	4.29	
24 4-Methylphenol	108	4.328	4.328	0.000	95	675975	10.0	4.31	
25 Hexachloroethane	117	4.381	4.381	0.000	96	444752	10.0	5.54	
\$ 27 Nitrobenzene-d5	82	4.440	4.446	-0.006	92	1024530	10.0	6.50	
29 n,n'-Dimethylaniline	120	4.463	4.463	0.000	87	1514760	10.0	6.10	
28 Nitrobenzene	77	4.463	4.463	0.000	87	1479977	10.0	6.89	
30 Isophorone	82	4.704	4.704	0.000	99	1642770	10.0	6.76	
32 2-Nitrophenol	139	4.781	4.787	-0.006	91	541405	10.0	6.94	
33 2,4-Dimethylphenol	122	4.857	4.857	0.000	92	822576	10.0	6.40	
34 Bis(2-chloroethoxy)methane	93	4.940	4.940	0.000	96	1168273	10.0	7.03	
35 Benzoic acid	122	4.934	4.987	-0.053	89	58438	10.0	1.30	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
36 2,4-Dichlorophenol	162	5.045	5.051	-0.006	95	772446	10.0	6.66	
37 1,2,4-Trichlorobenzene	180	5.104	5.110	-0.006	94	863763	10.0	6.61	
* 38 Naphthalene-d8	136	5.163	5.157	0.006	99	3227264	8.00	8.00	
39 Naphthalene	128	5.187	5.187	0.000	99	2924682	10.0	6.52	
40 4-Chloroaniline	127	5.257	5.257	0.000	96	1091295	10.0	6.51	
41 Hexachlorobutadiene	225	5.310	5.310	0.000	95	427926	10.0	6.28	
43 4-Chloro-3-methylphenol	107	5.781	5.781	0.000	98	588315	10.0	5.80	
44 2-Methylnaphthalene	142	5.881	5.887	-0.006	86	1704504	10.0	6.70	
45 1-Methylnaphthalene	142	5.981	5.981	0.000	94	1490105	10.0	6.33	
46 Hexachlorocyclopentadiene	237	6.039	6.040	-0.001	96	449227	10.0	8.09	
47 1,2,4,5-Tetrachlorobenzene	216	6.051	6.051	0.000	97	687290	10.0	7.85	
48 2-tertbutyl-4-methylphenol	149	6.116	6.116	0.000	91	1035869	10.0	6.71	
49 2,4,6-Trichlorophenol	196	6.181	6.181	0.000	87	429370	10.0	7.85	
50 2,4,5-Trichlorophenol	196	6.234	6.234	0.000	95	428410	10.0	7.55	
\$ 51 2-Fluorobiphenyl	172	6.263	6.263	0.000	98	1548920	10.0	7.07	
52 1,1'-Biphenyl	154	6.357	6.357	0.000	96	1949262	10.0	7.85	
53 2-Chloronaphthalene	162	6.369	6.369	0.000	97	1468498	10.0	7.75	
54 Phenyl ether	170	6.463	6.469	-0.006	89	921057	10.0	7.52	
55 2-Nitroaniline	65	6.492	6.492	0.000	96	452328	10.0	8.13	
57 1,3-Dimethylnaphthalene	156	6.586	6.587	-0.001	93	1167241	10.0	7.69	
59 Dimethyl phthalate	163	6.681	6.681	0.000	99	1365754	10.0	8.21	
60 Coumarin	146	6.686	6.687	-0.001	81	441843	10.0	6.73	
61 2,6-Dinitrotoluene	165	6.734	6.734	0.000	95	325745	10.0	8.57	
62 Acenaphthylene	152	6.781	6.781	0.000	98	2200102	10.0	8.27	
63 3-Nitroaniline	138	6.904	6.904	0.000	95	344607	10.0	7.56	
* 64 Acenaphthene-d10	164	6.922	6.916	0.006	97	1141212	8.00	8.00	
66 Acenaphthene	154	6.951	6.951	0.000	95	1319086	10.0	7.83	
65 3,5-di-tert-butyl-4-hydrox	205	6.957	6.957	0.000	98	1139517	10.0	7.79	
67 2,4-Dinitrophenol	184	7.004	7.004	0.000	96	301994	20.0	13.2	
70 Dibenzofuran	168	7.122	7.122	0.000	97	1840289	10.0	7.98	
69 2,4-Dinitrotoluene	165	7.128	7.128	0.000	93	405097	10.0	9.32	
68 4-Nitrophenol	65	7.139	7.134	0.005	94	180471	20.0	5.82	
72 2,3,4,6-Tetrachlorophenol	232	7.257	7.257	0.000	92	300580	10.0	8.11	
73 Diethyl phthalate	149	7.381	7.381	0.000	99	1246467	10.0	8.28	
75 Fluorene	166	7.463	7.463	0.000	98	1449206	10.0	8.36	
74 4-Chlorophenyl phenyl ethe	204	7.475	7.475	0.000	91	659340	10.0	8.25	
76 4-Nitroaniline	138	7.504	7.504	0.000	91	316308	10.0	8.34	
77 4,6-Dinitro-2-methylphenol	198	7.522	7.528	-0.006	85	442422	20.0	15.8	
79 1,2-Diphenylhydrazine	77	7.628	7.628	0.000	99	1393653	10.0	6.68	
\$ 80 2,4,6-Tribromophenol	330	7.704	7.704	0.000	94	166040	10.0	7.47	
81 4-Bromophenyl phenyl ether	248	7.951	7.951	0.000	86	331577	10.0	7.14	
82 Hexachlorobenzene	284	7.992	7.992	0.000	95	395887	10.0	7.62	
84 Pentachlorophenol	266	8.204	8.204	0.000	90	385658	20.0	13.5	
85 Pentachloronitrobenzene	237	8.204	8.204	0.000	57	123951	10.0	6.96	
86 n-Octadecane	57	8.298	8.298	0.000	89	1287931	10.0	6.92	
* 87 Phenanthrene-d10	188	8.380	8.380	0.000	99	1661274	8.00	8.00	
88 Phenanthrene	178	8.404	8.404	0.000	97	1839613	10.0	7.35	
89 Anthracene	178	8.451	8.451	0.000	98	1838371	10.0	7.27	
90 Carbazole	167	8.628	8.628	0.000	96	1575730	10.0	7.41	
91 Di-n-butyl phthalate	149	8.980	8.981	0.000	100	1732990	10.0	7.21	
92 Fluoranthene	202	9.569	9.569	0.000	98	1520666	10.0	7.34	
93 Benzidine	184	9.722	9.722	0.000	100	708438	10.0	6.59	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
94 Pyrene	202	9.786	9.786	0.000	97	1582084	10.0	6.58	
95 Bisphenol-A	213	9.880	9.880	0.000	0	180432	5.00	2.66	
\$ 96 Terphenyl-d14	244	9.957	9.957	0.000	99	975724	10.0	6.22	
97 Butyl benzyl phthalate	149	10.469	10.469	0.000	98	606740	10.0	6.71	
99 Carbamazepine	193	10.569	10.575	-0.006	93	493379	10.0	7.95	
100 3,3'-Dichlorobenzidine	252	11.045	11.045	0.000	99	476052	10.0	7.75	
101 Benzo[a]anthracene	228	11.051	11.051	0.000	99	1248049	10.0	6.82	
* 102 Chrysene-d12	240	11.063	11.057	0.006	99	1152086	8.00	8.00	
104 Chrysene	228	11.092	11.092	0.000	99	1260128	10.0	7.15	
103 Bis(2-ethylhexyl) phthalat	149	11.121	11.122	-0.001	91	871673	10.0	7.29	
105 Di-n-octyl phthalate	149	11.939	11.939	0.000	97	1398677	10.0	6.89	
106 Benzo[b]fluoranthene	252	12.380	12.380	0.000	99	1229595	10.0	7.52	
107 Benzo[k]fluoranthene	252	12.416	12.416	0.000	99	1401828	10.0	7.82	
108 Benzo[a]pyrene	252	12.798	12.804	-0.006	98	1242650	10.0	7.86	
* 109 Perylene-d12	264	12.880	12.874	0.006	98	1153659	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.268	14.274	-0.006	98	1057645	10.0	7.88	
111 Dibenz(a,h)anthracene	278	14.310	14.310	0.000	98	1205987	10.0	8.47	
112 Benzo[g,h,i]perylene	276	14.610	14.615	-0.005	99	1363574	10.0	8.18	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_ISTD_LVI_00072

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150521-27631.b\N6016.D

Injection Date: 21-May-2015 05:38:30

Instrument ID: CBNAMS14

Operator ID:

Lims ID: LCSD 460-299749/3-A

Worklist Smp#: 6

Client ID:

Injection Vol: 5.0 ul

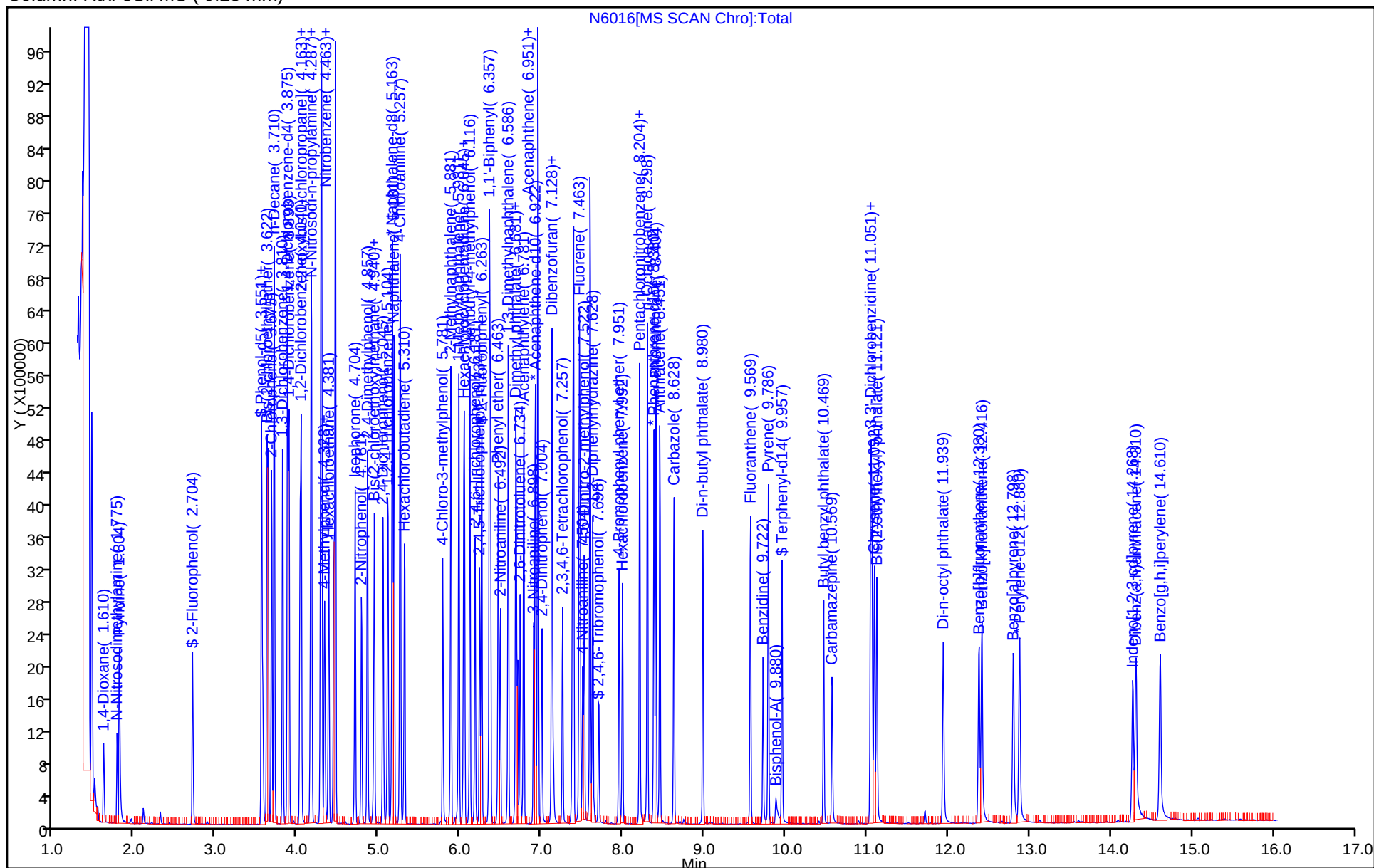
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8270LVI 14

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-299749/5-A
 Matrix: Water Lab File ID: N6018.D
 Analysis Method: 8270D Date Collected: _____
 Extract. Method: 3510C Date Extracted: 05/20/2015 11:24
 Sample wt/vol: 250 (mL) Date Analyzed: 05/21/2015 06:27
 Con. Extract Vol.: 2 (mL) Dilution Factor: 1
 Injection Volume: 5 (uL) Level: (low/med) Low
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 299934 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	111		10	2.1
105-60-2	Caprolactam	26.1		10	0.91
1912-24-9	Atrazine	135		2.0	1.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	69		60-114
4165-62-2	Phenol-d5	19		4-86
1718-51-0	Terphenyl-d14	72		72-130
118-79-6	2,4,6-Tribromophenol	73		51-126
367-12-4	2-Fluorophenol	31		15-96
321-60-8	2-Fluorobiphenyl	72		50-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150521-27631.b\N6018.D
 Lims ID: LCSD 460-299749/5-A
 Client ID:
 Sample Type: LCSD
 Inject. Date: 21-May-2015 06:27:30 ALS Bottle#: 8 Worklist Smp#: 8
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0027631-008
 Operator ID: Instrument ID: CBNAMS14
 Method: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150521-27631.b\8270LVI_14.m
 Limit Group: SV 8270D ICAL
 Last Update: 21-May-2015 15:27:01 Calib Date: 21-May-2015 00:13:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICAL File: \\ChromNA\G2\Edison\ChromData\CBNAMS14\20150520-27614.b\N6008.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK024

First Level Reviewer: croccom

Date: 21-May-2015 10:34:13

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	2.699	2.693	0.006	93	529379	10.0	3.10	
5 Benzaldehyde	77	3.451	3.445	0.006	94	1904887	20.0	13.9	
\$ 6 Phenol-d5	99	3.557	3.551	0.006	90	393190	10.0	1.94	
* 14 1,4-Dichlorobenzene-d4	152	3.875	3.869	0.006	97	929510	8.00	8.00	
\$ 27 Nitrobenzene-d5	82	4.440	4.446	-0.006	90	1075182	10.0	6.90	
* 38 Naphthalene-d8	136	5.163	5.157	0.006	99	3194294	8.00	8.00	
42 Caprolactam	113	5.575	5.587	-0.012	86	79168	20.0	3.26	
\$ 51 2-Fluorobiphenyl	172	6.257	6.263	-0.006	98	1631371	10.0	7.24	
* 64 Acenaphthene-d10	164	6.916	6.916	0.000	97	1174023	8.00	8.00	
\$ 80 2,4,6-Tribromophenol	330	7.698	7.704	-0.006	94	166645	10.0	7.29	
83 Atrazine	200	8.134	8.133	0.001	89	649030	20.0	16.9	
* 87 Phenanthrene-d10	188	8.381	8.380	0.001	99	1823734	8.00	8.00	
\$ 96 Terphenyl-d14	244	9.957	9.957	0.000	99	1248993	10.0	7.19	
* 102 Chrysene-d12	240	11.057	11.057	0.000	99	1274523	8.00	8.00	
* 109 Perylene-d12	264	12.874	12.874	0.000	97	1106986	8.00	8.00	

Reagents:

SM_ISTD_LVI_00072

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\CBNAMS14\20150521-27631.b\N6018.D

Injection Date: 21-May-2015 06:27:30

Instrument ID: CBNAMS14

Operator ID:

Lims ID: LCSD 460-299749/5-A

Worklist Smp#: 8

Client ID:

Injection Vol: 5.0 ul

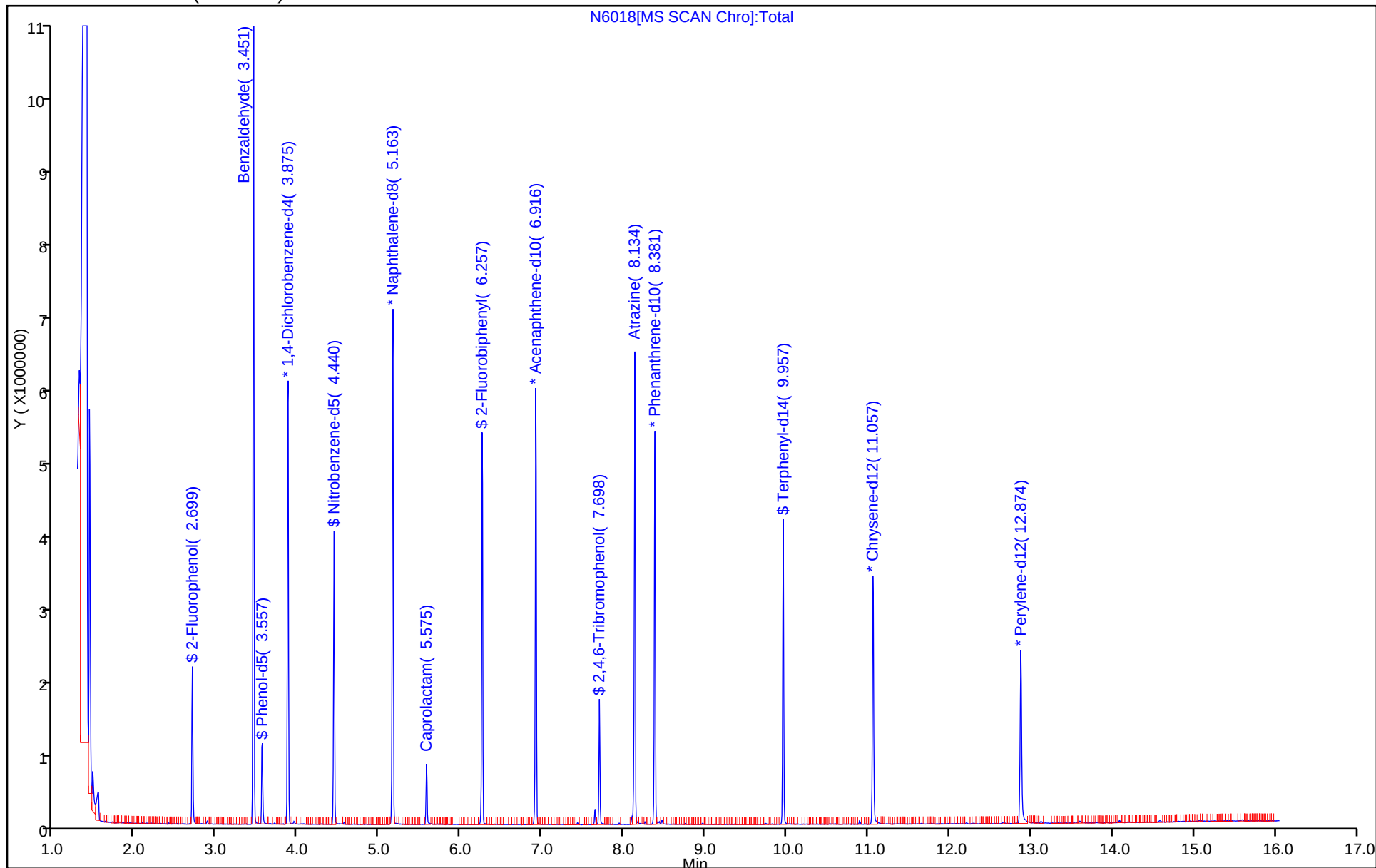
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8270LVI_14

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica EdisonJob No.: 460-94855-1

SDG No.: _____

Instrument ID: CBNAMS13Start Date: 05/07/2015 11:56Analysis Batch Number: 297054End Date: 05/07/2015 20:06

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-297054/1		05/07/2015 11:56	1	C15816.D	Rtxi-5Sil MS 0.25 (mm)
ICIS 460-297054/2		05/07/2015 12:17	1	C15817.D	Rtxi-5Sil MS 0.25 (mm)
STD24 460-297054/3 IC		05/07/2015 12:48	1	C15818.D	Rtxi-5Sil MS 0.25 (mm)
STD16 460-297054/4 IC		05/07/2015 13:17	1	C15819.D	Rtxi-5Sil MS 0.25 (mm)
STD4 460-297054/5 IC		05/07/2015 13:46	1	C15820.D	Rtxi-5Sil MS 0.25 (mm)
STD2 460-297054/6 IC		05/07/2015 14:16	1	C15821.D	Rtxi-5Sil MS 0.25 (mm)
STD1 460-297054/7 IC		05/07/2015 14:45	1	C15822.D	Rtxi-5Sil MS 0.25 (mm)
STD02 460-297054/8 IC		05/07/2015 15:14	1	C15823.D	Rtxi-5Sil MS 0.25 (mm)
STD01 460-297054/9 IC		05/07/2015 15:43	1	C15824.D	Rtxi-5Sil MS 0.25 (mm)
STD10 460-297054/10 IC		05/07/2015 16:12	1	C15825.D	Rtxi-5Sil MS 0.25 (mm)
STD24 460-297054/11 IC		05/07/2015 16:42	1	C15826.D	Rtxi-5Sil MS 0.25 (mm)
STD16 460-297054/12 IC		05/07/2015 17:11	1	C15827.D	Rtxi-5Sil MS 0.25 (mm)
STD4 460-297054/13 IC		05/07/2015 17:40	1	C15828.D	Rtxi-5Sil MS 0.25 (mm)
STD2 460-297054/14 IC		05/07/2015 18:09	1	C15829.D	Rtxi-5Sil MS 0.25 (mm)
STD1 460-297054/15 IC		05/07/2015 18:38	1	C15830.D	Rtxi-5Sil MS 0.25 (mm)
STD02 460-297054/16 IC		05/07/2015 19:08	1	C15831.D	Rtxi-5Sil MS 0.25 (mm)
ICV 460-297054/17		05/07/2015 19:37	1		Rtxi-5Sil MS 0.25 (mm)
ICV 460-297054/18		05/07/2015 20:06	1		Rtxi-5Sil MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Instrument ID: CBNAMS13 Start Date: 05/18/2015 05:29Analysis Batch Number: 299127 End Date: 05/18/2015 17:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-299127/1		05/18/2015 05:29	1	C16208.D	Rtxi-5Sil MS 0.25 (mm)
CCVIS 460-299127/2		05/18/2015 05:47	1	C16209.D	Rtxi-5Sil MS 0.25 (mm)
CCV 460-299127/3		05/18/2015 06:16	1	C16210.D	Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/18/2015 07:50	1		Rtxi-5Sil MS 0.25 (mm)
MB 460-298867/1-A		05/18/2015 08:18	1	C16214.D	Rtxi-5Sil MS 0.25 (mm)
LCS 460-298867/2-A		05/18/2015 08:46	1	C16215.D	Rtxi-5Sil MS 0.25 (mm)
LCSD 460-298867/3-A		05/18/2015 09:14	1	C16216.D	Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/18/2015 10:09	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/18/2015 10:36	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/18/2015 11:04	2		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/18/2015 11:31	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/18/2015 11:59	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/18/2015 12:26	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/18/2015 12:54	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/18/2015 13:49	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/18/2015 14:17	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/18/2015 15:40	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/18/2015 16:08	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/18/2015 16:35	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/18/2015 17:03	2		Rtxi-5Sil MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Instrument ID: CBNAMS13 Start Date: 05/23/2015 09:58Analysis Batch Number: 300593 End Date: 05/23/2015 20:25

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-300593/1		05/23/2015 09:58	1	C16448.D	Rtxi-5Sil MS 0.25 (mm)
CCVIS 460-300593/2		05/23/2015 10:17	1	C16449.D	Rtxi-5Sil MS 0.25 (mm)
CCV 460-300593/3		05/23/2015 10:45	1	C16450.D	Rtxi-5Sil MS 0.25 (mm)
LCS 460-298867/4-A		05/23/2015 12:34	1	C16454.D	Rtxi-5Sil MS 0.25 (mm)
LCSD 460-298867/5-A		05/23/2015 13:02	1	C16455.D	Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/23/2015 14:53	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/23/2015 17:12	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/23/2015 17:39	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/23/2015 19:57	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/23/2015 20:25	1		Rtxi-5Sil MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Instrument ID: CBNAMS13 Start Date: 05/26/2015 06:24Analysis Batch Number: 300751 End Date: 05/26/2015 17:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-300751/1		05/26/2015 06:24	1	C16505.D	Rtxi-5Sil MS 0.25 (mm)
CCVIS 460-300751/2		05/26/2015 06:47	1	C16506.D	Rtxi-5Sil MS 0.25 (mm)
CCV 460-300751/3		05/26/2015 07:55	1	C16507.D	Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/26/2015 09:38	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/26/2015 10:06	1		Rtxi-5Sil MS 0.25 (mm)
460-94855-10	PW07B-CP-00-051415	05/26/2015 10:34	1	C16512.D	Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/26/2015 11:02	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/26/2015 11:29	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/26/2015 11:57	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/26/2015 12:52	250		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/26/2015 13:20	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/26/2015 13:48	100		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/26/2015 14:43	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/26/2015 15:11	20		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/26/2015 15:39	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/26/2015 16:07	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/26/2015 16:35	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/26/2015 17:03	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/26/2015 17:30	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/26/2015 17:58	1		Rtxi-5Sil MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica EdisonJob No.: 460-94855-1

SDG No.: _____

Instrument ID: CBNAMS14Start Date: 05/20/2015 17:51Analysis Batch Number: 299810End Date: 05/21/2015 01:02

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-299810/1		05/20/2015 17:51	1	N5993.D	Rtxi-5Sil MS 0.25 (mm)
ICIS 460-299810/2		05/20/2015 18:33	1	N5994.D	Rtxi-5Sil MS 0.25 (mm)
STD24 460-299810/3 IC		05/20/2015 18:57	1	N5995.D	Rtxi-5Sil MS 0.25 (mm)
STD16 460-299810/4 IC		05/20/2015 19:22	1	N5996.D	Rtxi-5Sil MS 0.25 (mm)
STD4 460-299810/5 IC		05/20/2015 19:46	1	N5997.D	Rtxi-5Sil MS 0.25 (mm)
STD2 460-299810/6 IC		05/20/2015 20:10	1	N5998.D	Rtxi-5Sil MS 0.25 (mm)
STD1 460-299810/7 IC		05/20/2015 20:34	1	N5999.D	Rtxi-5Sil MS 0.25 (mm)
STD02 460-299810/8 IC		05/20/2015 20:59	1	N6000.D	Rtxi-5Sil MS 0.25 (mm)
STD01 460-299810/9 IC		05/20/2015 21:23	1	N6001.D	Rtxi-5Sil MS 0.25 (mm)
STD10 460-299810/10 IC		05/20/2015 21:47	1	N6002.D	Rtxi-5Sil MS 0.25 (mm)
STD24 460-299810/11 IC		05/20/2015 22:12	1	N6003.D	Rtxi-5Sil MS 0.25 (mm)
STD16 460-299810/12 IC		05/20/2015 22:36	1	N6004.D	Rtxi-5Sil MS 0.25 (mm)
STD4 460-299810/13 IC		05/20/2015 23:00	1	N6005.D	Rtxi-5Sil MS 0.25 (mm)
STD2 460-299810/14 IC		05/20/2015 23:25	1	N6006.D	Rtxi-5Sil MS 0.25 (mm)
STD1 460-299810/15 IC		05/20/2015 23:49	1	N6007.D	Rtxi-5Sil MS 0.25 (mm)
STD02 460-299810/16 IC		05/21/2015 00:13	1	N6008.D	Rtxi-5Sil MS 0.25 (mm)
ICV 460-299810/17		05/21/2015 00:37	1		Rtxi-5Sil MS 0.25 (mm)
ICV 460-299810/18		05/21/2015 01:02	1		Rtxi-5Sil MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Instrument ID: CBNAMS14 Start Date: 05/21/2015 03:43Analysis Batch Number: 299934 End Date: 05/21/2015 15:27

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-299934/1		05/21/2015 03:43	1	N6011.D	Rtxi-5Sil MS 0.25 (mm)
CCVIS 460-299934/2		05/21/2015 04:01	1	N6012.D	Rtxi-5Sil MS 0.25 (mm)
CCV 460-299934/3		05/21/2015 04:25	1	N6013.D	Rtxi-5Sil MS 0.25 (mm)
LCS 460-299749/2-A		05/21/2015 05:14	1	N6015.D	Rtxi-5Sil MS 0.25 (mm)
LCSD 460-299749/3-A		05/21/2015 05:38	1	N6016.D	Rtxi-5Sil MS 0.25 (mm)
LCS 460-299749/4-A		05/21/2015 06:03	1	N6017.D	Rtxi-5Sil MS 0.25 (mm)
LCSD 460-299749/5-A		05/21/2015 06:27	1	N6018.D	Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/21/2015 06:51	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/21/2015 07:16	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/21/2015 07:40	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/21/2015 08:04	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/21/2015 08:29	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/21/2015 13:50	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/21/2015 14:39	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/21/2015 15:03	1		Rtxi-5Sil MS 0.25 (mm)
MB 460-299749/1-A		05/21/2015 15:27	1	N6040.D	Rtxi-5Sil MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica EdisonJob No.: 460-94855-1

SDG No.: _____

Instrument ID: CBNAMS6Start Date: 05/23/2015 15:00Analysis Batch Number: 300631End Date: 05/23/2015 21:18

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-300631/1		05/23/2015 15:00	1	M93087.D	Rtxi-5Sil MS 0.25 (mm)
ICIS 460-300631/2		05/23/2015 15:21	1	M93088.D	Rtxi-5Sil MS 0.25 (mm)
STD24 460-300631/3 IC		05/23/2015 15:46	1	M93089.D	Rtxi-5Sil MS 0.25 (mm)
STD16 460-300631/4 IC		05/23/2015 16:08	1	M93090.D	Rtxi-5Sil MS 0.25 (mm)
STD4 460-300631/5 IC		05/23/2015 16:30	1	M93091.D	Rtxi-5Sil MS 0.25 (mm)
STD2 460-300631/6 IC		05/23/2015 16:52	1	M93092.D	Rtxi-5Sil MS 0.25 (mm)
STD1 460-300631/7 IC		05/23/2015 17:14	1	M93093.D	Rtxi-5Sil MS 0.25 (mm)
STD02 460-300631/8 IC		05/23/2015 17:37	1	M93094.D	Rtxi-5Sil MS 0.25 (mm)
STD01 460-300631/9 IC		05/23/2015 17:59	1	M93095.D	Rtxi-5Sil MS 0.25 (mm)
STD10 460-300631/10 IC		05/23/2015 18:21	1	M93096.D	Rtxi-5Sil MS 0.25 (mm)
STD24 460-300631/11 IC		05/23/2015 18:43	1	M93097.D	Rtxi-5Sil MS 0.25 (mm)
STD16 460-300631/12 IC		05/23/2015 19:05	1	M93098.D	Rtxi-5Sil MS 0.25 (mm)
STD4 460-300631/13 IC		05/23/2015 19:27	1	M93099.D	Rtxi-5Sil MS 0.25 (mm)
STD2 460-300631/14 IC		05/23/2015 19:49	1	M93100.D	Rtxi-5Sil MS 0.25 (mm)
STD1 460-300631/15 IC		05/23/2015 20:11	1	M93101.D	Rtxi-5Sil MS 0.25 (mm)
STD02 460-300631/16 IC		05/23/2015 20:34	1	M93102.D	Rtxi-5Sil MS 0.25 (mm)
ICV 460-300631/17		05/23/2015 20:56	1		Rtxi-5Sil MS 0.25 (mm)
ICV 460-300631/18		05/23/2015 21:18	1		Rtxi-5Sil MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Instrument ID: CBNAMS6 Start Date: 05/24/2015 19:49Analysis Batch Number: 300699 End Date: 05/25/2015 07:31

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-300699/1		05/24/2015 19:49	1	M93134.D	Rtxi-5Sil MS 0.25 (mm)
CCVIS 460-300699/2		05/24/2015 20:08	1	M93135.D	Rtxi-5Sil MS 0.25 (mm)
CCV 460-300699/3		05/24/2015 23:22	1	M93136.D	Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/24/2015 23:46	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/25/2015 00:08	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/25/2015 03:05	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/25/2015 03:28	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/25/2015 03:50	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/25/2015 04:34	1		Rtxi-5Sil MS 0.25 (mm)
460-94855-5	PD09-CP-00-051415	05/25/2015 04:56	1	M93151.D	Rtxi-5Sil MS 0.25 (mm)
460-94855-6	PD09-CP-01-051415	05/25/2015 05:18	1	M93152.D	Rtxi-5Sil MS 0.25 (mm)
460-94855-9	PW06-CP-00-051415	05/25/2015 05:40	1	M93153.D	Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/25/2015 06:02	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/25/2015 06:25	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/25/2015 06:47	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/25/2015 07:31	1		Rtxi-5Sil MS 0.25 (mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Batch Number: 298867 Batch Start Date: 05/15/15 11:17 Batch Analyst: Tupayachi, WilberBatch Method: 3510C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	FirstAdjustpH	SecondAdjustpH	OP_Benzald_sp 00002
MB 460-298867/1		3510C, 8270D		7 SU	250 mL	2 mL	<2 SU	>12 SU	
LCS 460-298867/2		3510C, 8270D		7 SU	250 mL	2 mL	<2 SU	>12 SU	
LCSD 460-298867/3		3510C, 8270D		7 SU	250 mL	2 mL	<2 SU	>12 SU	
LCS 460-298867/4		3510C, 8270D		7 SU	250 mL	2 mL	<2 SU	>12 SU	20 uL
LCSD 460-298867/5		3510C, 8270D		7 SU	250 mL	2 mL	<2 SU	>12 SU	20 uL
460-94855-E-5	PD09-CP-00-05141 5	3510C, 8270D	T	7 SU	250 mL	2 mL	<2 SU	>12 SU	
460-94855-A-6	PD09-CP-01-05141 5	3510C, 8270D	T	7 SU	240 mL	2 mL	<2 SU	>12 SU	
460-94855-D-9	PW06-CP-00-05141 5	3510C, 8270D	T	7 SU	250 mL	2 mL	<2 SU	>12 SU	

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP_BNA SPIK 00016	OP_BNASurroga 00007				
MB 460-298867/1		3510C, 8270D			200 uL				
LCS 460-298867/2		3510C, 8270D		200 uL	200 uL				
LCSD 460-298867/3		3510C, 8270D		200 uL	200 uL				
LCS 460-298867/4		3510C, 8270D			200 uL				
LCSD 460-298867/5		3510C, 8270D			200 uL				
460-94855-E-5	PD09-CP-00-05141 5	3510C, 8270D	T		200 uL				
460-94855-A-6	PD09-CP-01-05141 5	3510C, 8270D	T		200 uL				
460-94855-D-9	PW06-CP-00-05141 5	3510C, 8270D	T		200 uL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Batch Number: 298867 Batch Start Date: 05/15/15 11:17 Batch Analyst: Tupayachi, WilberBatch Method: 3510C Batch End Date: _____

Batch Notes	
Acid used for pH adjustment	H2SO4
Acid used for pH adjust Lot #	91540
Base used for pH adjustment	NaOH
Base used for pH adjust Lot #	OP 1366
Batch Comment	3510C LVI 8270D_TCLP_SPLP_BNA
Person's name who did the concentration	WT
Final Concentrator Volume	2 mL
N-evap #	222299
N-evap temperature	25 Degrees C
Na2SO4 Lot Number	422301
Prep Solvent Lot #	107664
Prep Solvent Name	MeCl2
Prep Solvent Volume Used	120 mL
Person's name who did the prep	WT
Uncorrected N-evap Temperature	25 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Batch Number: 299749 Batch Start Date: 05/20/15 11:22 Batch Analyst: Esteban, MariaBatch Method: 3510C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	FirstAdjustpH	SecondAdjustpH	OP_Benzald_sp 00002
MB 460-299749/1		3510C, 8270D		7 SU	250 mL	2 mL	<2 SU	>12 SU	
LCS 460-299749/2		3510C, 8270D		7 SU	250 mL	2 mL	<2 SU	>12 SU	
LCSD 460-299749/3		3510C, 8270D		7 SU	250 mL	2 mL	<2 SU	>12 SU	
LCS 460-299749/4		3510C, 8270D		7 SU	250 mL	2 mL	<2 SU	>12 SU	20 uL
LCSD 460-299749/5		3510C, 8270D		7 SU	250 mL	2 mL	<2 SU	>12 SU	20 uL
460-94855-H-10	PW07B-CP-00-0514 15	3510C, 8270D	T	7 SU	250 mL	2 mL	<2 SU	>12 SU	

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP_BNA SPIK 00016	OP_BNASurroga 00007				
MB 460-299749/1		3510C, 8270D			200 uL				
LCS 460-299749/2		3510C, 8270D		200 uL	200 uL				
LCSD 460-299749/3		3510C, 8270D		200 uL	200 uL				
LCS 460-299749/4		3510C, 8270D			200 uL				
LCSD 460-299749/5		3510C, 8270D			200 uL				
460-94855-H-10	PW07B-CP-00-0514 15	3510C, 8270D	T		200 uL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Batch Number: 299749 Batch Start Date: 05/20/15 11:22 Batch Analyst: Esteban, MariaBatch Method: 3510C Batch End Date: _____

Batch Notes	
Acid used for pH adjustment	H2SO4
Acid used for pH adjust Lot #	91540
Base used for pH adjustment	NaOH
Base used for pH adjust Lot #	OP 1366
Batch Comment	3510C LVI 8270D/TCLP BNA
Person's name who did the concentration	ME
Final Concentrator Volume	2 mL
N-evap #	222299
N-evap temperature	25 Degrees C
Na2SO4 Lot Number	422301
Prep Solvent Lot #	107664
Prep Solvent Name	MeCl2
Prep Solvent Volume Used	120 mL
Person's name who did the prep	ME
Uncorrected N-evap Temperature	25 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

300_ORGFM_28D

Anions, Ion Chromatography

FORM III
HPLC/IC LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Matrix: Water Level: Low Lab File ID: yb5150725.d

Lab ID: LCS 460-298769/8 Client ID: _____

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
Fluoride	1.00	1.058	106	90-110	
Chloride	1.50	1.515	101	90-110	
Sulfate	7.50	7.612	101	90-110	

Column to be used to flag recovery and RPD values

FORM III
HPLC/IC LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: yb5150750.d
 Lab ID: LCSD 460-298769/9 Client ID: _____

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Fluoride	1.00	1.053	105	0	15	90-110	
Chloride	1.50	1.497	100	1	15	90-110	
Sulfate	7.50	7.533	100	1	15	90-110	

Column to be used to flag recovery and RPD values

FORM III
HPLC/IC MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-94855-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: ya51511157.d
Lab ID: 460-94855-5 MS Client ID: PD09-CP-00-051415 MS

COMPOUND	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC	QC LIMITS REC	#
Sulfate	375	46.9	418.5	99	90-110	
Fluoride	50.0	4.00 U	51.40	103	90-110	
Chloride	75.0	125	213.9	119	90-110	*

Column to be used to flag recovery and RPD values

FORM III
HPLC/IC MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: ya5151222.d
 Lab ID: 460-94855-5 MSD Client ID: PD09-CP-00-051415 MSD

COMPOUND	SPIKE ADDED (mg/L)	MSD CONCENTRATION (mg/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Sulfate	375	418.2	99	0	15	90-110	
Fluoride	50.0	52.45	105	2	15	90-110	
Chloride	75.0	211.5	115	1	15	90-110	*

Column to be used to flag recovery and RPD values

FORM IV
HPLC/IC METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Lab File ID: yb5150701.d Lab Sample ID: MB 460-298769/7
 Matrix: Water Date Extracted: _____
 Instrument ID: IC B Date Analyzed: 05/15/2015 07:01
 Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	CCB 460-298769/5	yb5150611.d	05/15/2015 06:11
	LCS 460-298769/8	yb5150725.d	05/15/2015 07:25
	LCSD 460-298769/9	yb5150750.d	05/15/2015 07:50
PD09-CP-00-051415	460-94855-5	yb5150839.d	05/15/2015 08:39
PD09-CP-01-051415	460-94855-6	yb5150904.d	05/15/2015 09:04
PD09-CP-00-051415 DL	460-94855-5 DL	yb5150954.d	05/15/2015 09:54
PD09-CP-01-051415 DL	460-94855-6 DL	yb5151018.d	05/15/2015 10:18
	CCB 460-298769/17	yb5151108.d	05/15/2015 11:08
PD09-CP-00-051415 MD	460-94855-5 MD	ya5151132.d	05/15/2015 11:32
PD09-CP-00-051415 MS	460-94855-5 MS	ya51511157. d	05/15/2015 11:57
PD09-CP-00-051415 MSD	460-94855-5 MSD	ya5151222.d	05/15/2015 12:22

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1
SDG No.: _____
Client Sample ID: PD09-CP-00-051415 Lab Sample ID: 460-94855-5
Matrix: Water Lab File ID: yb5150839.d
Analysis Method: 300.0 Date Collected: 05/14/2015 07:20
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 10 (mL) Date Analyzed: 05/15/2015 08:39
Con. Extract Vol.: _____ Dilution Factor: 1
Injection Volume: 10 (uL) GC Column: _____ ID: _____
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 298769 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
16984-48-8	Fluoride	0.080	U	0.080	0.015
14808-79-8	Sulfate	29.8		0.60	0.11

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\ICB\20150515-27425.b\yb5150839.d
Lims ID: 460-94855-G-5 Lab Sample ID: 460-94855-5
Client ID: PD09-CP-00-051415
Sample Type: Client
Inject. Date: 15-May-2015 08:39:00 ALS Bottle#: 0 Worklist Smp#: 11
Injection Vol: 10.0 ul Dil. Factor: 1.0000
Sample Info: 460-94855-G-5
Misc. Info.: 11
Operator ID: TestAmerica - Edison Instrument ID: IC B
Method: \\ChromNA\G2\Edison\ChromData\ICB\20150515-27425.b\anions-icb.m
Limit Group: SV - Anions 28 days
Last Update: 17-May-2015 18:44:45 Calib Date: 06-Apr-2015 16:43:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\ICB\20150406-25916.b\yb4061643.d
Column 1 : Det: GC IC0
Process Host: XAWRK015

First Level Reviewer: adoum

Date: 15-May-2015 10:07:21

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

2 Chloride

5.757 5.707 0.050 4043407 176.3 E

5 Sulfate

16.222 16.180 0.042 534655 29.8

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

Report Date: 17-May-2015 18:44:51

Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\ICB\20150515-27425.b\yb5150839.d

Injection Date: 15-May-2015 08:39:00

Instrument ID: IC B

Operator ID: TestAmerica - Edison

Lims ID: 460-94855-G-5

Lab Sample ID: 460-94855-5

Worklist Smp#: 11

Client ID: PD09-CP-00-051415

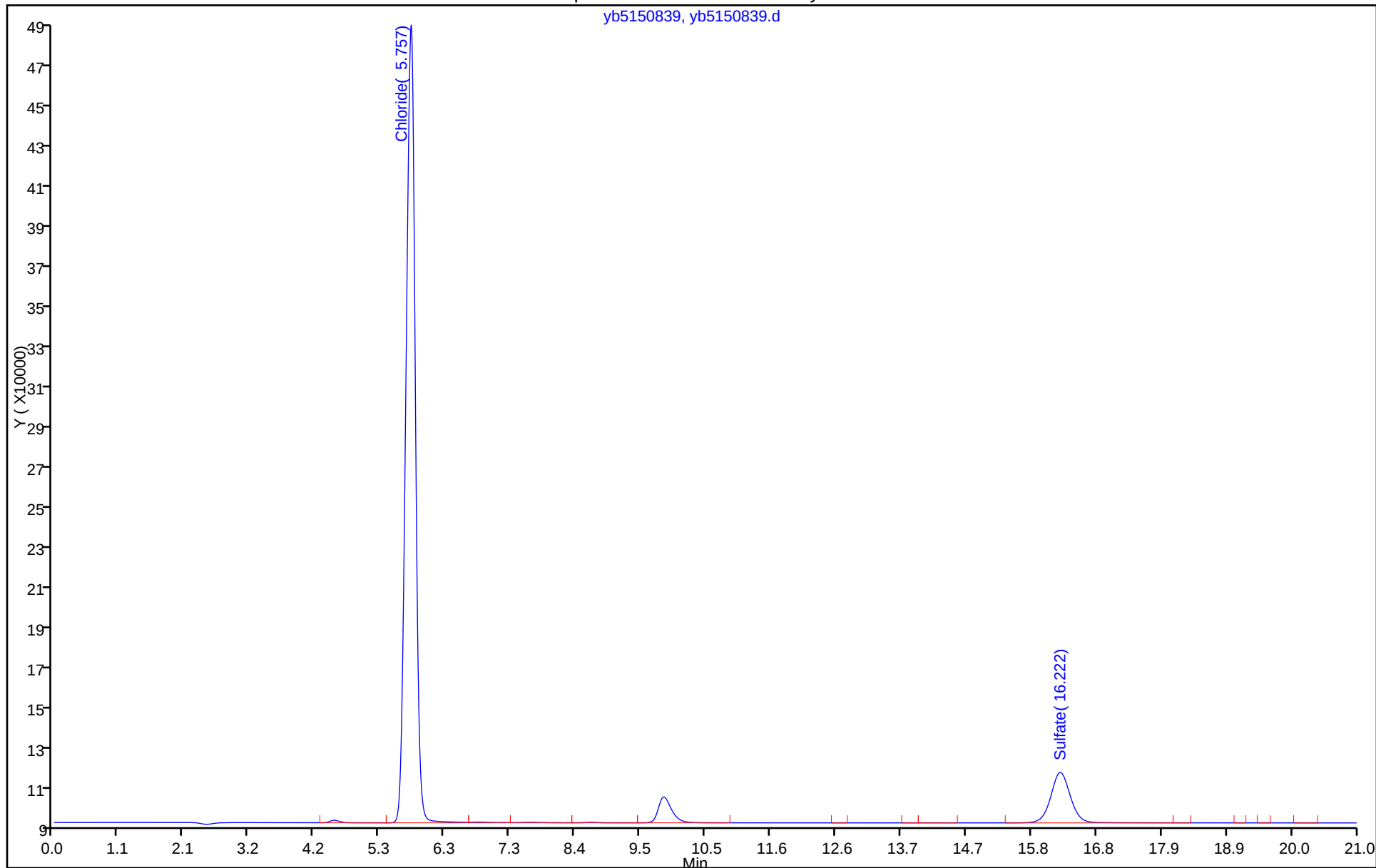
Injection Vol: 10.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 0

Method: anions-icb

Limit Group: SV - Anions 28 days



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1
SDG No.: _____
Client Sample ID: PD09-CP-00-051415 DL Lab Sample ID: 460-94855-5 DL
Matrix: Water Lab File ID: yb5150954.d
Analysis Method: 300.0 Date Collected: 05/14/2015 07:20
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 10 (mL) Date Analyzed: 05/15/2015 09:54
Con. Extract Vol.: _____ Dilution Factor: 50
Injection Volume: 10 (uL) GC Column: _____ ID: _____
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 298769 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
16887-00-6	Chloride	125		6.00	1.50

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\ICB\20150515-27425.b\yb5150954.d
Lims ID: 460-94855-G-5 Lab Sample ID: 460-94855-5
Client ID: PD09-CP-00-051415
Sample Type: Client
Inject. Date: 15-May-2015 09:54:00 ALS Bottle#: 0 Worklist Smp#: 14
Injection Vol: 10.0 ul Dil. Factor: 50.0000
Sample Info: 460-94855-G-5
Misc. Info.: 14
Operator ID: TestAmerica - Edison Instrument ID: IC B
Method: \\ChromNA\G2\Edison\ChromData\ICB\20150515-27425.b\anions-icb.m
Limit Group: SV - Anions 28 days
Last Update: 17-May-2015 18:44:45 Calib Date: 06-Apr-2015 16:43:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\ICB\20150406-25916.b\yb4061643.d
Column 1 : Det: GC IC0
Process Host: XAWRK015

First Level Reviewer: adoum

Date: 15-May-2015 11:22:05

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

2 Chloride

5.710 5.707 0.003 57187 2.50

3 Nitrate as N

9.952 9.912 0.040 2182 NC

5 Sulfate

16.232 16.180 0.052 9914 0.9389

QC Flag Legend

Processing Flags

NC - Not Calibrated

Report Date: 17-May-2015 18:44:52

Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\ICB\20150515-27425.b\yb5150954.d

Injection Date: 15-May-2015 09:54:00

Instrument ID: IC B

Operator ID: TestAmerica - Edison

Lims ID: 460-94855-G-5

Lab Sample ID: 460-94855-5

Worklist Smp#: 14

Client ID: PD09-CP-00-051415

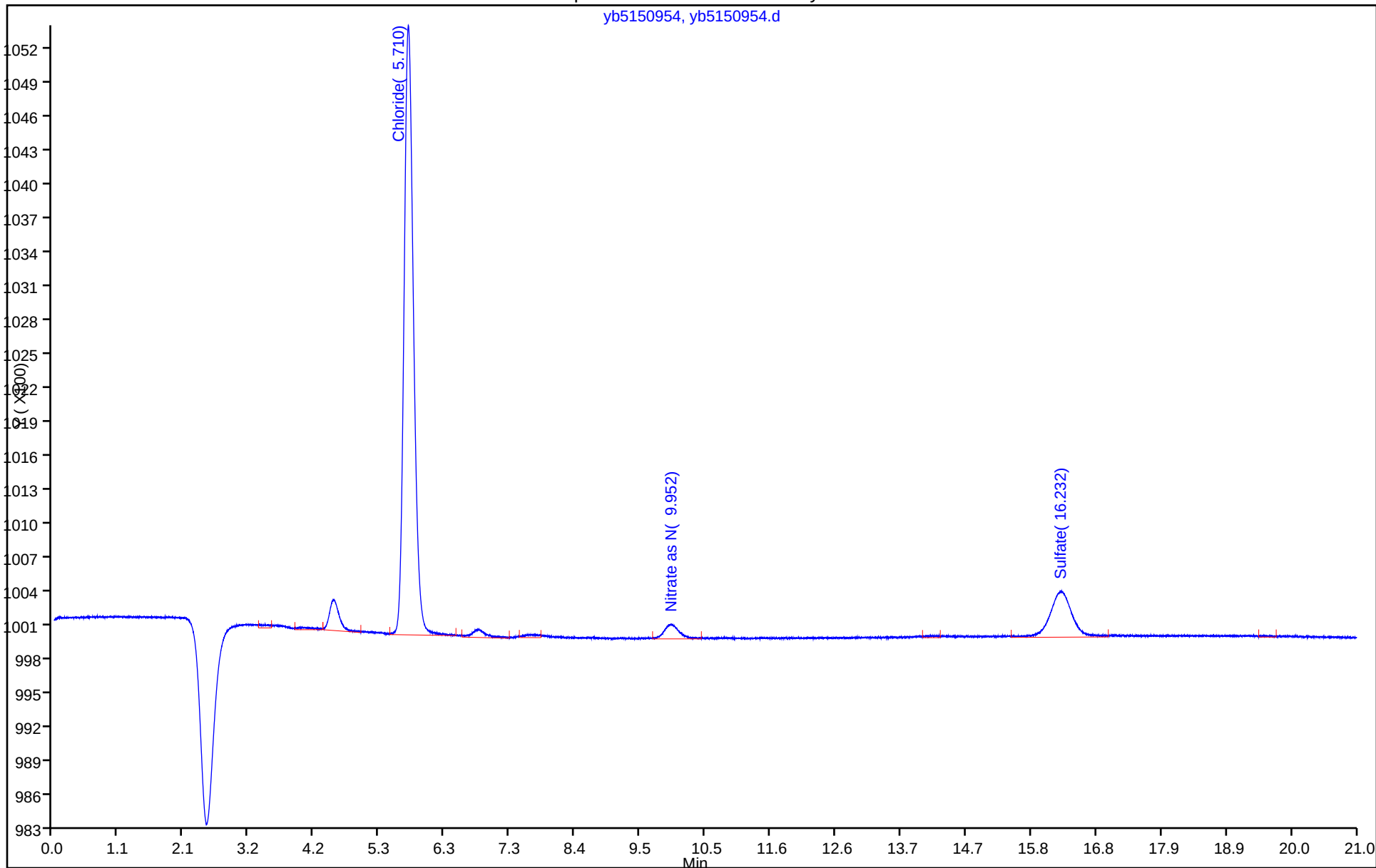
Injection Vol: 10.0 ul

Dil. Factor: 50.0000

ALS Bottle#: 0

Method: anions-icb

Limit Group: SV - Anions 28 days



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1
SDG No.: _____
Client Sample ID: PD09-CP-01-051415 Lab Sample ID: 460-94855-6
Matrix: Water Lab File ID: yb5150904.d
Analysis Method: 300.0 Date Collected: 05/14/2015 07:25
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 10 (mL) Date Analyzed: 05/15/2015 09:04
Con. Extract Vol.: _____ Dilution Factor: 1
Injection Volume: 10 (uL) GC Column: _____ ID: _____
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 298769 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
16984-48-8	Fluoride	0.080	U	0.080	0.015
14808-79-8	Sulfate	29.8		0.60	0.11

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\ICB\20150515-27425.b\yb5150904.d
Lims ID: 460-94855-D-6 Lab Sample ID: 460-94855-6
Client ID: PD09-CP-01-051415
Sample Type: Client
Inject. Date: 15-May-2015 09:04:00 ALS Bottle#: 0 Worklist Smp#: 12
Injection Vol: 10.0 ul Dil. Factor: 1.0000
Sample Info: 460-94855-D-6
Misc. Info.: 12
Operator ID: TestAmerica - Edison Instrument ID: IC B
Method: \\ChromNA\G2\Edison\ChromData\ICB\20150515-27425.b\anions-icb.m
Limit Group: SV - Anions 28 days
Last Update: 17-May-2015 18:44:45 Calib Date: 06-Apr-2015 16:43:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\ICB\20150406-25916.b\yb4061643.d
Column 1 : Det: GC IC0
Process Host: XAWRK015

First Level Reviewer: adoum

Date: 15-May-2015 11:07:48

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

2 Chloride

5.750 5.707 0.043 4060504 177.0 E

3 Nitrate as N

9.828 9.912 -0.084 188982 NC

5 Sulfate

16.215 16.180 0.035 534085 29.8

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\ICB\20150515-27425.b\yb5150904.d

Injection Date: 15-May-2015 09:04:00

Instrument ID: IC B

Operator ID: TestAmerica - Edison

Lims ID: 460-94855-D-6

Lab Sample ID: 460-94855-6

Worklist Smp#: 12

Client ID: PD09-CP-01-051415

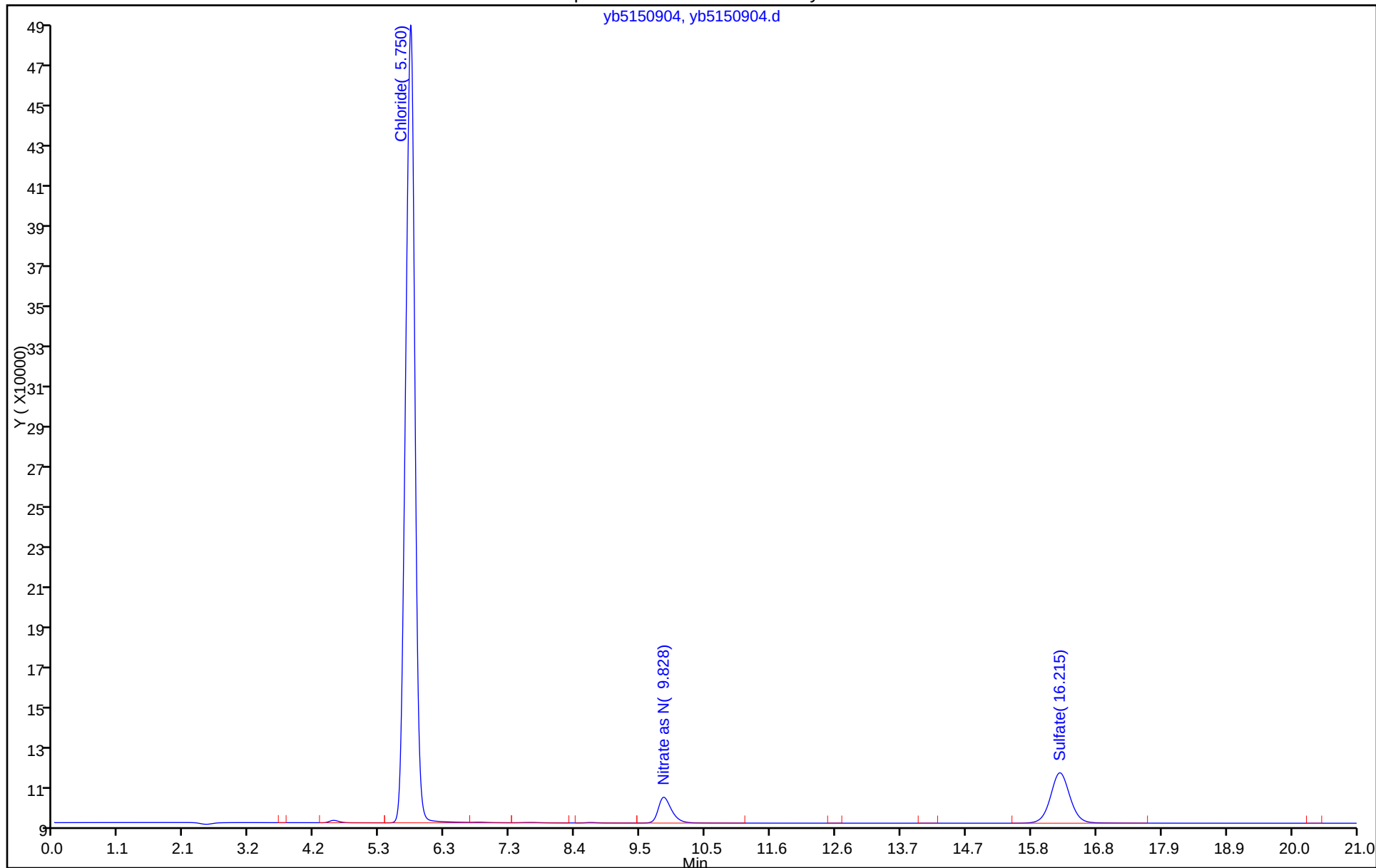
Injection Vol: 10.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 0

Method: anions-icb

Limit Group: SV - Anions 28 days



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1
SDG No.: _____
Client Sample ID: PD09-CP-01-051415 DL Lab Sample ID: 460-94855-6 DL
Matrix: Water Lab File ID: yb5151018.d
Analysis Method: 300.0 Date Collected: 05/14/2015 07:25
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 10 (mL) Date Analyzed: 05/15/2015 10:18
Con. Extract Vol.: _____ Dilution Factor: 50
Injection Volume: 10 (uL) GC Column: _____ ID: _____
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 298769 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
16887-00-6	Chloride	127		6.00	1.50

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\ICB\20150515-27425.b\yb5151018.d
 Lims ID: 460-94855-D-6 Lab Sample ID: 460-94855-6
 Client ID: PD09-CP-01-051415
 Sample Type: Client
 Inject. Date: 15-May-2015 10:18:00 ALS Bottle#: 0 Worklist Smp#: 15
 Injection Vol: 10.0 ul Dil. Factor: 50.0000
 Sample Info: 460-94855-D-6
 Misc. Info.: 15
 Operator ID: TestAmerica - Edison Instrument ID: IC B
 Method: \\ChromNA\G2\Edison\ChromData\ICB\20150515-27425.b\anions-icb.m
 Limit Group: SV - Anions 28 days
 Last Update: 17-May-2015 18:44:45 Calib Date: 06-Apr-2015 16:43:00
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\ICB\20150406-25916.b\yb4061643.d

Column 1 : Det: GC IC0
 Process Host: XAWRK015

First Level Reviewer: adoum Date: 15-May-2015 12:18:04

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

2 Chloride

5.722 5.707 0.015 58201 2.54

8 Nitrite as N

6.838 6.823 0.015 742 NC

3 Nitrate as N

9.960 9.912 0.048 2019 NC

5 Sulfate

16.240 16.180 0.060 9831 0.9344

QC Flag Legend

Processing Flags

NC - Not Calibrated

Report Date: 17-May-2015 18:44:53

Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\ICB\20150515-27425.b\yb5151018.d

Injection Date: 15-May-2015 10:18:00

Instrument ID: IC B

Operator ID: TestAmerica - Edison

Lims ID: 460-94855-D-6

Lab Sample ID: 460-94855-6

Worklist Smp#: 15

Client ID: PD09-CP-01-051415

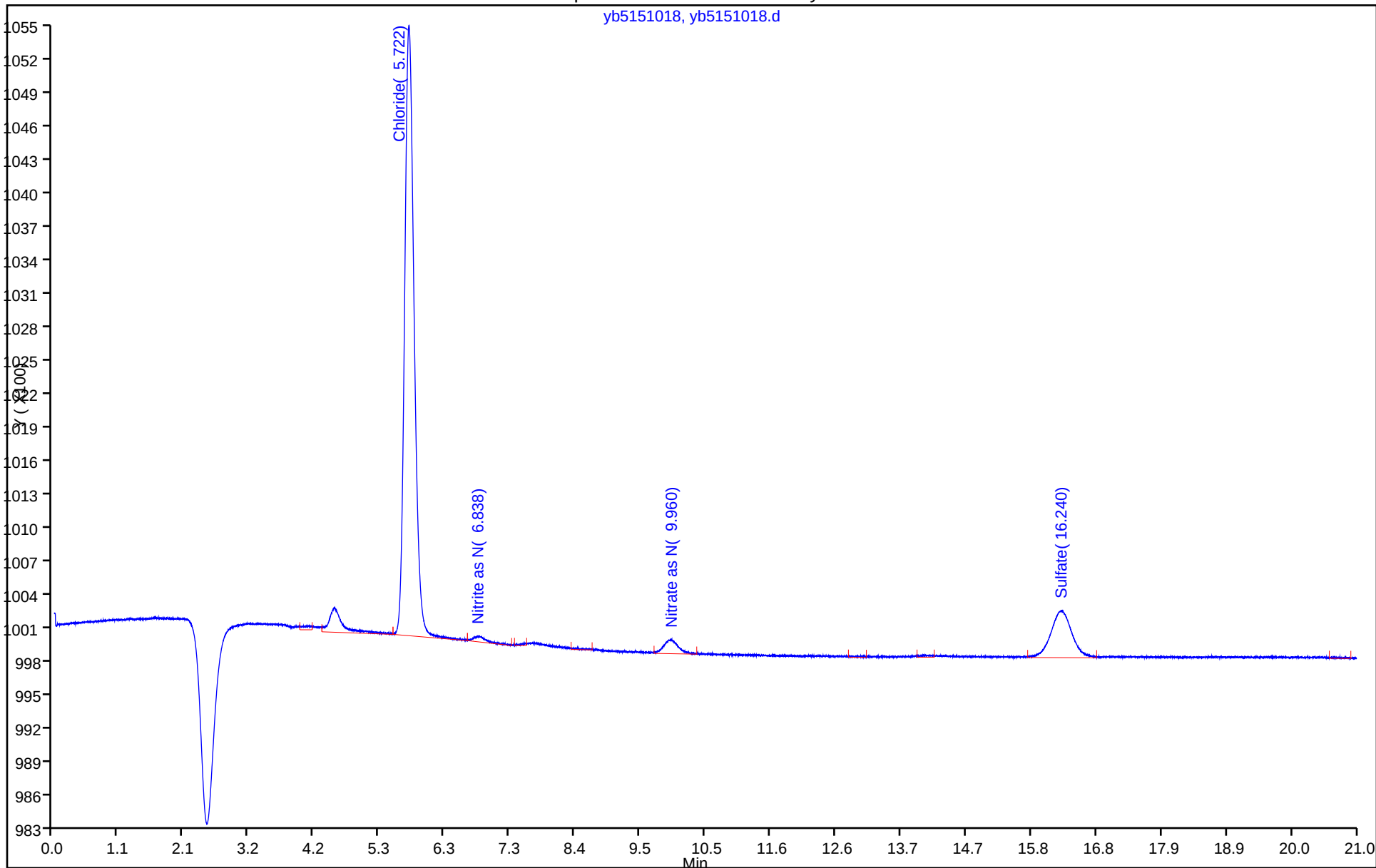
Injection Vol: 10.0 ul

Dil. Factor: 50.0000

ALS Bottle#: 0

Method: anions-icb

Limit Group: SV - Anions 28 days



FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 290624

SDG No.: _____

Instrument ID: IC B GC Column: _____ ID: _____ Heated Purge: (Y/N) N

Calibration Start Date: 04/06/2015 14:33 Calibration End Date: 04/06/2015 16:43 Calibration ID: 49068

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-290624/5	yb4061454.d
Level 2	IC 460-290624/6	yb4061516.d
Level 3	IC 460-290624/7	yb4061538.d
Level 4	IC 460-290624/8	yb4061559.d
Level 5	IC 460-290624/9	yb4061621.d
Level 6	IC 460-290624/10	yb4061643.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
Fluoride	3.658	3.675	3.660	3.662	3.662	3.660					3.402 - 3.902	3.663
Chloride	5.462	5.463	5.462	5.460	5.458	5.455					5.215 - 5.715	5.460
Bromide	8.333	8.327	8.297	8.282	8.275	8.263					8.067 - 8.567	8.296
Sulfate	15.338	15.350	15.330	15.332	15.318	15.310					15.078 - 15.578	15.330

FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 290624

SDG No.: _____

Instrument ID: IC B GC Column: _____ ID: _____ Heated Purge: (Y/N) N

Calibration Start Date: 04/06/2015 14:33 Calibration End Date: 04/06/2015 16:43 Calibration ID: 49068

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-290624/5	yb4061454.d
Level 2	IC 460-290624/6	yb4061516.d
Level 3	IC 460-290624/7	yb4061538.d
Level 4	IC 460-290624/8	yb4061559.d
Level 5	IC 460-290624/9	yb4061621.d
Level 6	IC 460-290624/10	yb4061643.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
Fluoride	27763 35350	28110 35002	33062	34937	Lin	-1285.8738	35462.2804							1.0000		0.9900
Chloride	31808 23222	22040 22804	21513	22999	Lin	-121.13392	22940.5190							0.9990		0.9900
Bromide	9912.5 10298	9065.0 10253	9536.6	9967.9	Lin	-1818.9794	10327.7019							1.0000		0.9900
Sulfate	16698 17889	15231 18082	16204	17276	Lin	-7152.7630	18176.6482							0.9990		0.9900

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-94855-1 Analy Batch No.: 290624

SDG No.: _____

Instrument ID: IC B GC Column: _____ ID: _____ Heated Purge: (Y/N) N

Calibration Start Date: 04/06/2015 14:33 Calibration End Date: 04/06/2015 16:43 Calibration ID: 49068

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-290624/5	yb4061454.d
Level 2	IC 460-290624/6	yb4061516.d
Level 3	IC 460-290624/7	yb4061538.d
Level 4	IC 460-290624/8	yb4061559.d
Level 5	IC 460-290624/9	yb4061621.d
Level 6	IC 460-290624/10	yb4061643.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Fluoride	Lin	2221 140009	5622	33062	69874	106049	0.0800 4.00	0.200	1.00	2.00	3.00
Chloride	Lin	3817 136822	6612	32269	68998	104498	0.120 6.00	0.300	1.50	3.00	4.50
Bromide	Lin	3965 205067	9065	47683	99679	154471	0.400 20.0	1.00	5.00	10.0	15.0
Sulfate	Lin	10019 542461	22847	121529	259144	402503	0.600 30.0	1.50	7.50	15.0	22.5

Curve Type Legend:

Lin = Linear

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\ICB\20150406-25916.b\yb4061454.d
 Lims ID: STD 2
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 06-Apr-2015 14:54:00 ALS Bottle#: 0 Worklist Smp#: 5
 Injection Vol: 10.0 ul Dil. Factor: 1.0000
 Sample Info: I2
 Operator ID: TestAmerica - Edison Instrument ID: IC B
 Sublist: chrom-anions-icb*sub6
 Method: \\EDICHROM\ChromData\ICB\20150406-25916.b\anions-icb.m
 Limit Group: SV - Anions 28 days
 Last Update: 08-Apr-2015 00:40:03 Calib Date: 06-Apr-2015 16:43:00
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\ICB\20150406-25916.b\yb4061643.d

Column 1 : Det: GC IC0
 Process Host: XAWRK024

First Level Reviewer: boykinc Date: 06-Apr-2015 19:18:45

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
7 Fluoride						M
3.658	3.652	0.006	2221	0.0800	0.0989	M
2 Chloride						M
5.462	5.465	-0.003	3817	0.1200	0.1717	M
8 Nitrite as N						
6.553	6.547	0.006	5368	NC	NC	
1 Bromide						
8.333	8.317	0.016	3965	0.4000	0.5600	
3 Nitrate as N						
9.600	9.550	0.050	5733	NC	NC	
9 Orthophosphate as P						
13.210	13.152	0.058	2854	NC	NC	
5 Sulfate						
15.338	15.328	0.010	10019	0.6000	0.9447	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SGANIONSL2_00030

Amount Added: 1.00

Units: mL

Report Date: 08-Apr-2015 00:40:03

Chrom Revision: 2.2 13-Mar-2015 11:20:44

TestAmerica Edison

Data File: \\EDICHROM\ChromData\ICB\20150406-25916.b\yb4061454.d

Injection Date: 06-Apr-2015 14:54:00

Instrument ID: IC B

Operator ID: TestAmerica - Edison

Lims ID: STD 2

Worklist Smp#: 5

Client ID:

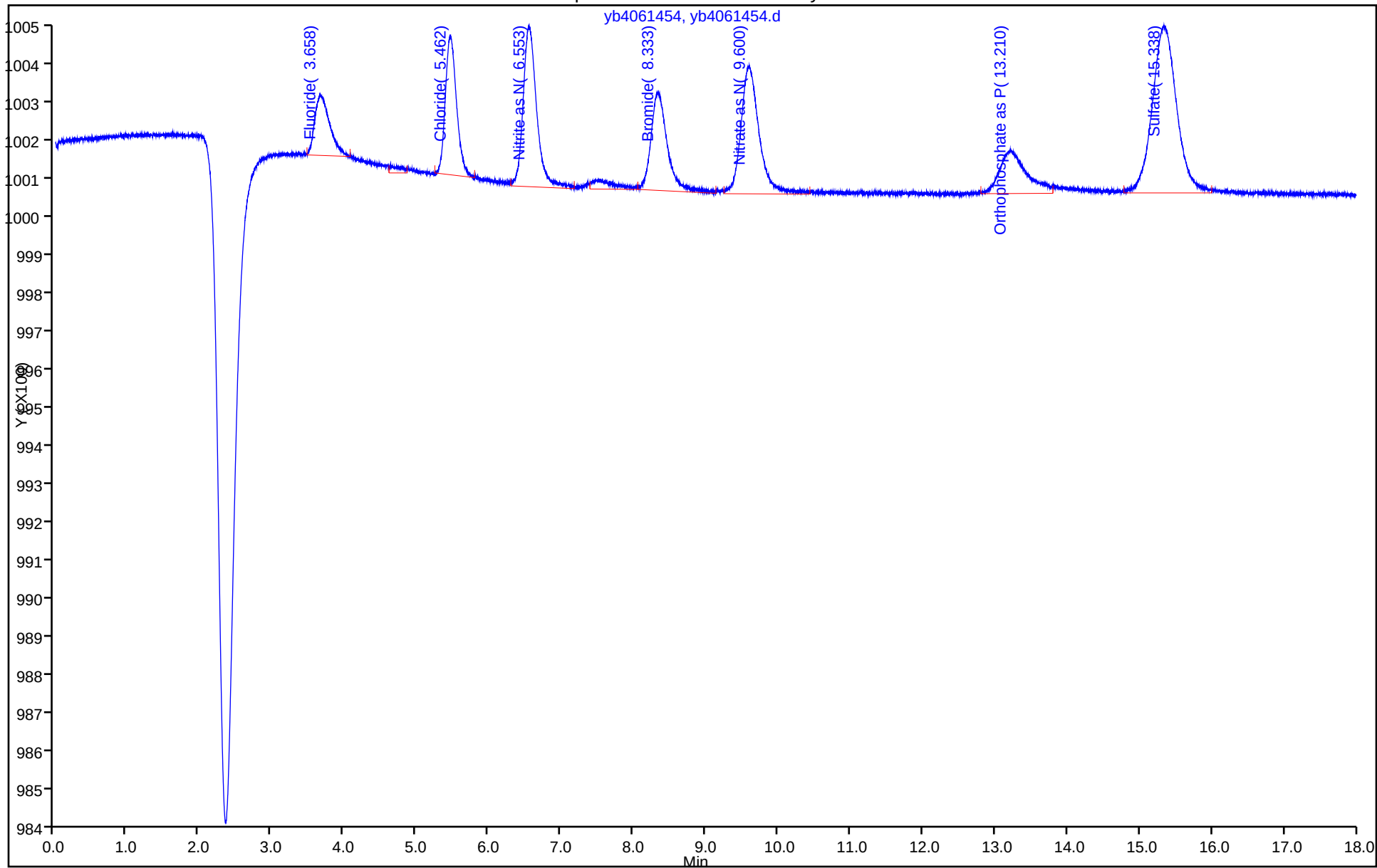
Injection Vol: 10.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 0

Method: anions-icb

Limit Group: SV - Anions 28 days



TestAmerica Edison

Data File: \\EDICHROM\ChromData\ICB\20150406-25916.b\yb4061454.d

Injection Date: 06-Apr-2015 14:54:00

Instrument ID: IC B

Lims ID: STD 2

Client ID:

Operator ID: TestAmerica - Edison

ALS Bottle#:

0

Worklist Smp#: 5

Injection Vol: 10.0 ul

Dil. Factor: 1.0000

Method: anions-icb

Limit Group: SV - Anions 28 days

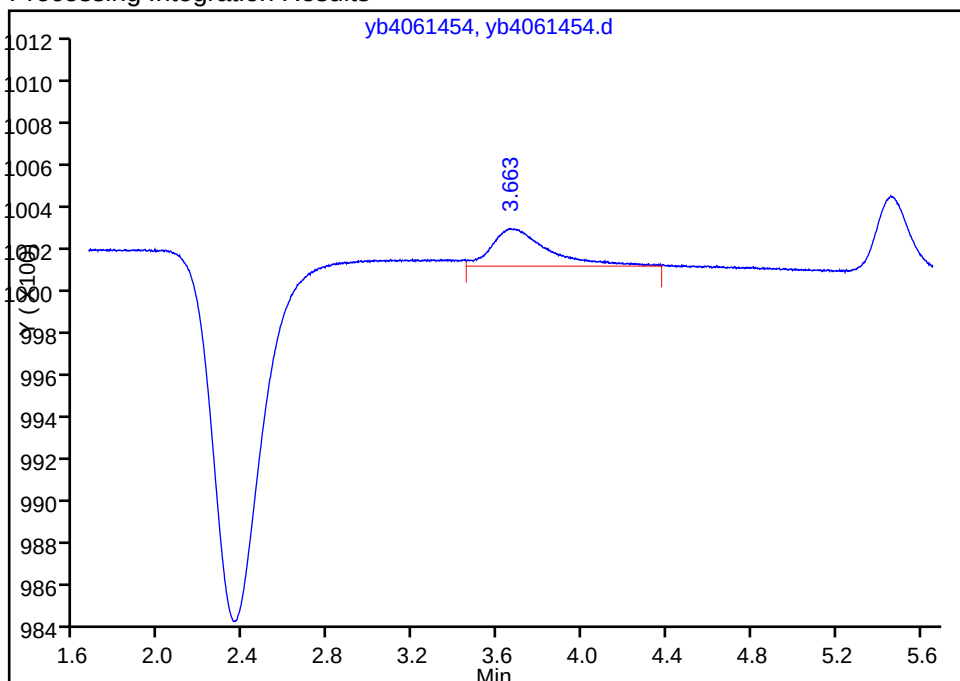
Column:

Detector GC IC0

7 Fluoride, CAS: 16984-48-8

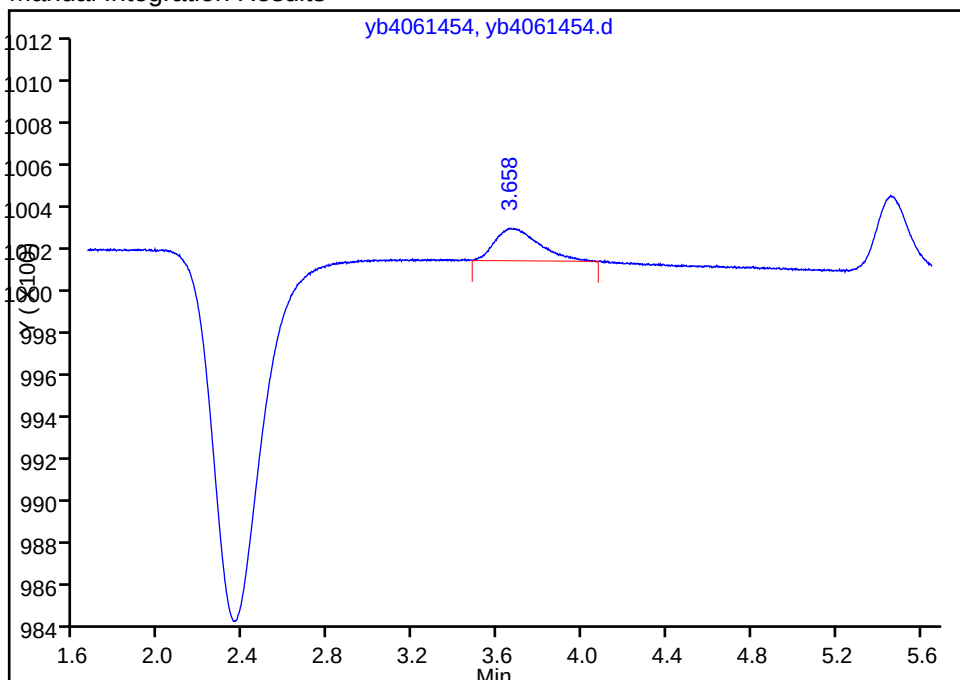
RT: 3.66
Area: 3287
Amount: 0.096133
Amount Units: ug/ml

Processing Integration Results



RT: 3.66
Area: 2221
Amount: 0.098890
Amount Units: ug/ml

Manual Integration Results



Reviewer: boykinc, 06-Apr-2015 19:18:45

Audit Action: Manually Integrated

Audit Reason: Baseline

TestAmerica Edison

Data File: \\EDICHROM\ChromData\ICB\20150406-25916.b\yb4061454.d

Injection Date: 06-Apr-2015 14:54:00

Instrument ID: IC B

Lims ID: STD 2

Client ID:

Operator ID: TestAmerica - Edison

ALS Bottle#:

0

Worklist Smp#:

5

Injection Vol: 10.0 ul

Dil. Factor: 1.0000

Method: anions-icb

Limit Group: SV - Anions 28 days

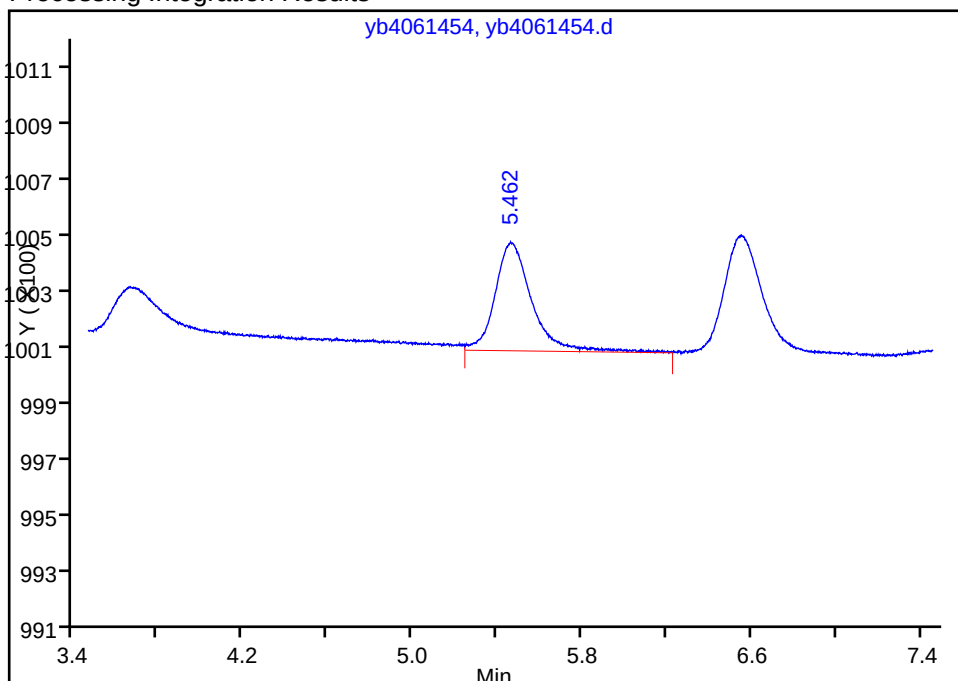
Column:

Detector GC IC0

2 Chloride, CAS: 16887-00-6

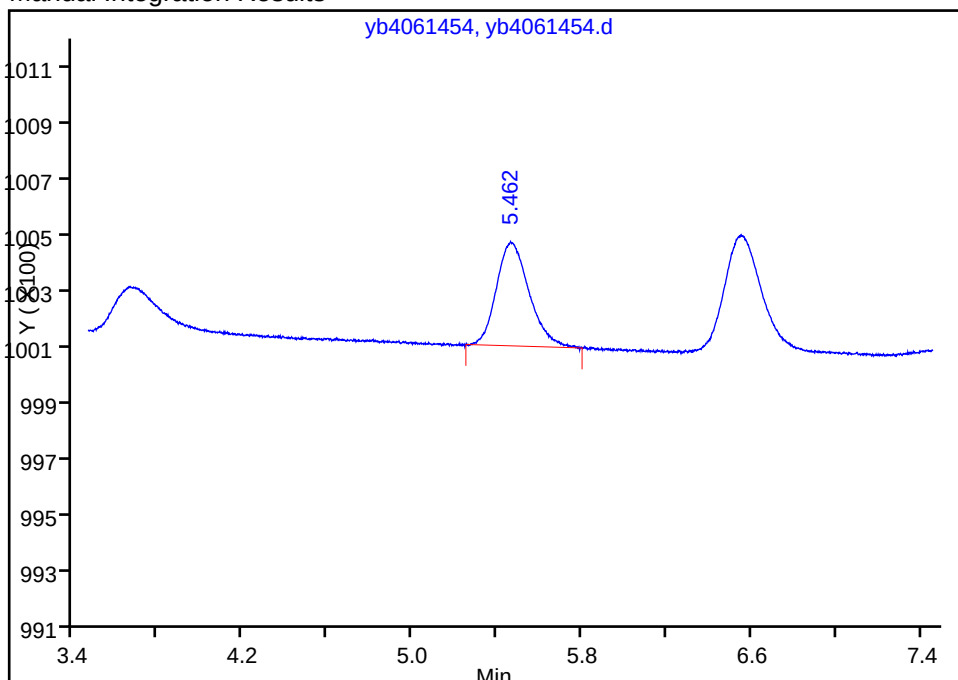
RT: 5.46
Area: 4504
Amount: 0.179980
Amount Units: ug/ml

Processing Integration Results



RT: 5.46
Area: 3817
Amount: 0.171667
Amount Units: ug/ml

Manual Integration Results



Reviewer: boykinc, 06-Apr-2015 19:18:45

Audit Action: Manually Integrated

Audit Reason: Baseline

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\ICB\20150406-25916.b\yb4061516.d
 Lims ID: STD 3
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 06-Apr-2015 15:16:00 ALS Bottle#: 0 Worklist Smp#: 6
 Injection Vol: 10.0 ul Dil. Factor: 1.0000
 Sample Info: I3
 Operator ID: TestAmerica - Edison Instrument ID: IC B
 Sublist: chrom-anions-icb*sub6
 Method: \\EDICHROM\ChromData\ICB\20150406-25916.b\anions-icb.m
 Limit Group: SV - Anions 28 days
 Last Update: 08-Apr-2015 00:40:04 Calib Date: 06-Apr-2015 16:43:00
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\ICB\20150406-25916.b\yb4061643.d

Column 1 : Det: GC IC0
 Process Host: XAWRK024

First Level Reviewer: boykinc Date: 07-Apr-2015 18:57:31

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
7 Fluoride						M
3.675	3.652	0.023	5622	0.2000	0.1948	M
2 Chloride						M
5.463	5.465	-0.002	6612	0.3000	0.2935	M
8 Nitrite as N						M
6.547	6.547	0.000	12161	NC	NC	M
1 Bromide						
8.327	8.317	0.010	9065	1.00	1.05	
3 Nitrate as N						
9.583	9.550	0.033	12518	NC	NC	
9 Orthophosphate as P						
13.197	13.152	0.045	8364	NC	NC	
5 Sulfate						
15.350	15.328	0.022	22847	1.50	1.65	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SGANIONSL3_00030

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\EDICHROM\ChromData\ICB\20150406-25916.b\yb4061516.d

Injection Date: 06-Apr-2015 15:16:00

Instrument ID: IC B

Operator ID: TestAmerica - Edison

Lims ID: STD 3

Worklist Smp#: 6

Client ID:

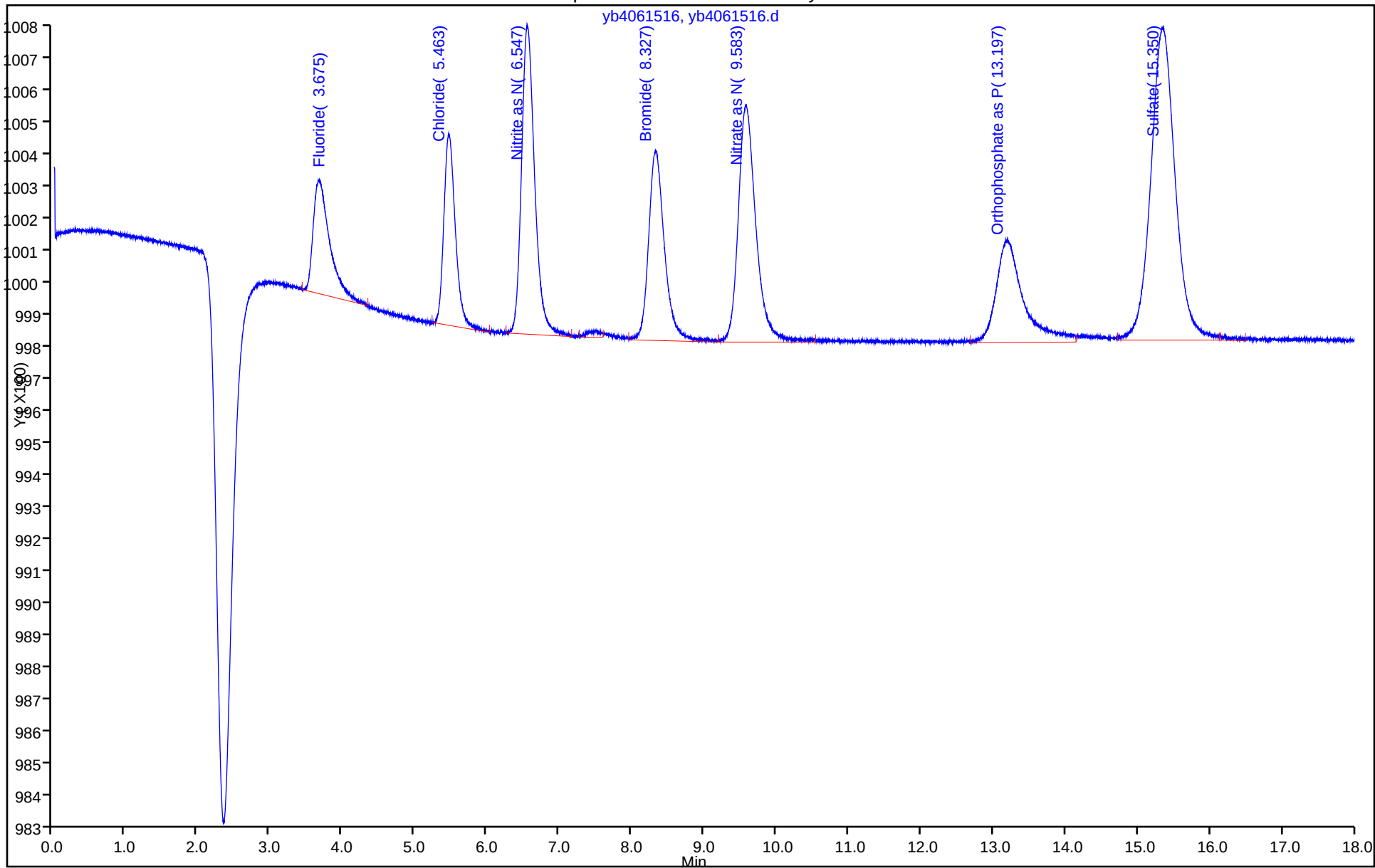
Injection Vol: 10.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 0

Method: anions-icb

Limit Group: SV - Anions 28 days



TestAmerica Edison

Data File: \\EDICHROM\ChromData\ICB\20150406-25916.b\yb4061516.d

Injection Date: 06-Apr-2015 15:16:00

Instrument ID: IC B

Lims ID: STD 3

Client ID:

Operator ID: TestAmerica - Edison

ALS Bottle#: 0 Worklist Smp#: 6

Injection Vol: 10.0 ul

Dil. Factor: 1.0000

Method: anions-icb

Limit Group: SV - Anions 28 days

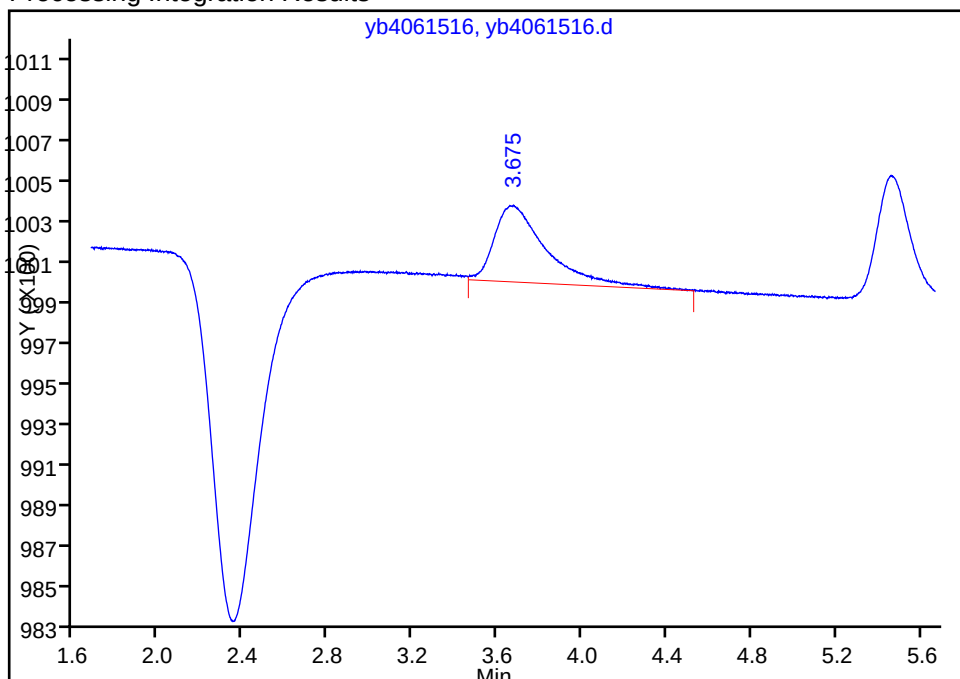
Column:

Detector GC IC0

7 Fluoride, CAS: 16984-48-8

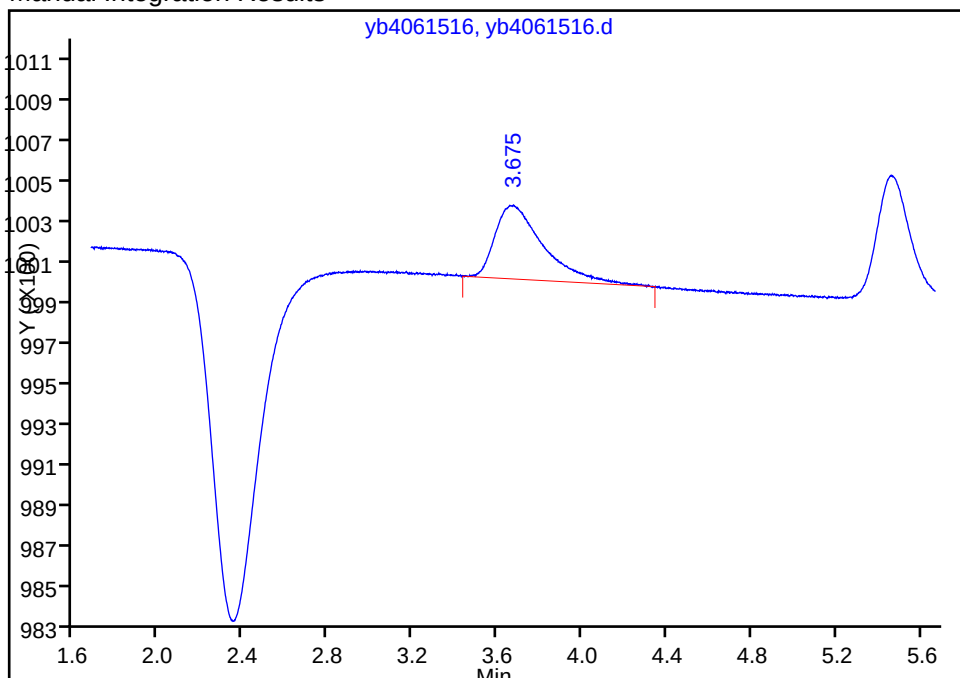
RT: 3.68
Area: 6324
Amount: 0.192004
Amount Units: ug/ml

Processing Integration Results



RT: 3.68
Area: 5622
Amount: 0.194795
Amount Units: ug/ml

Manual Integration Results



Reviewer: boykinc, 07-Apr-2015 18:57:31

Audit Action: Manually Integrated

Audit Reason: Baseline

TestAmerica Edison

Data File: \\EDICHROM\ChromData\ICB\20150406-25916.b\yb4061516.d

Injection Date: 06-Apr-2015 15:16:00

Instrument ID: IC B

Lims ID: STD 3

Client ID:

Operator ID: TestAmerica - Edison

ALS Bottle#:

0

Worklist Smp#: 6

Injection Vol: 10.0 ul

Dil. Factor: 1.0000

Method: anions-icb

Limit Group: SV - Anions 28 days

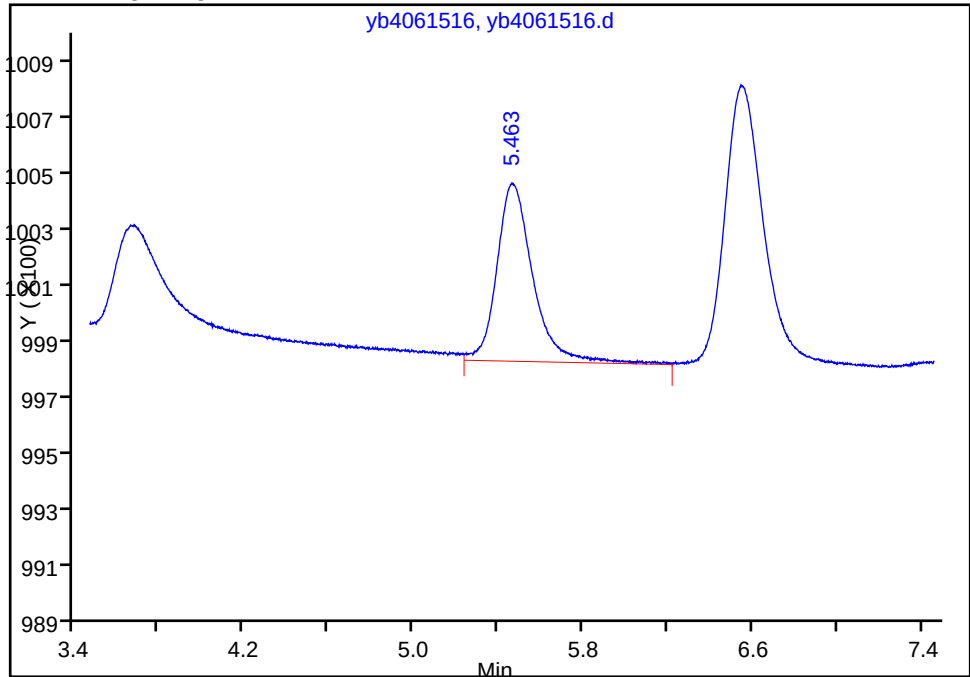
Column:

Detector GC IC0

2 Chloride, CAS: 16887-00-6

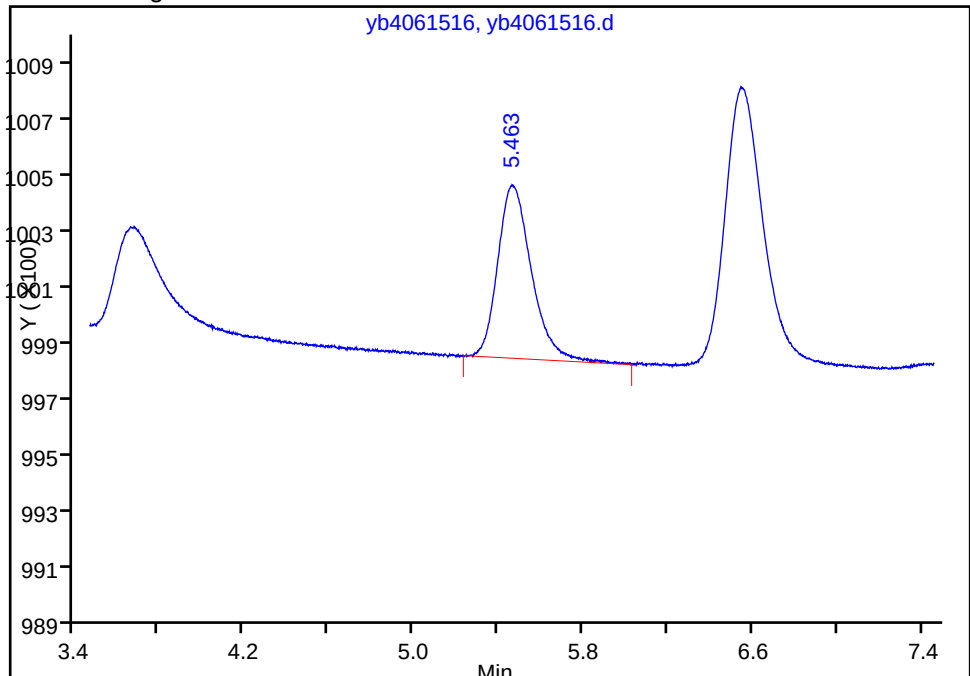
RT: 5.46
Area: 7272
Amount: 0.312208
Amount Units: ug/ml

Processing Integration Results



RT: 5.46
Area: 6612
Amount: 0.293504
Amount Units: ug/ml

Manual Integration Results



Reviewer: boykinc, 07-Apr-2015 18:57:31

Audit Action: Manually Integrated

Audit Reason: Baseline

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\ICB\20150406-25916.b\yb4061538.d
 Lims ID: STD4
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 06-Apr-2015 15:38:00 ALS Bottle#: 0 Worklist Smp#: 7
 Injection Vol: 10.0 ul Dil. Factor: 1.0000
 Sample Info: I4
 Operator ID: TestAmerica - Edison Instrument ID: IC B
 Sublist: chrom-anions-icb*sub6
 Method: \\EDICHROM\ChromData\ICB\20150406-25916.b\anions-icb.m
 Limit Group: SV - Anions 28 days
 Last Update: 08-Apr-2015 00:40:05 Calib Date: 06-Apr-2015 16:43:00
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\ICB\20150406-25916.b\yb4061643.d

Column 1 : Det: GC IC0
 Process Host: XAWRK024

First Level Reviewer: boykinc Date: 07-Apr-2015 18:57:49

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
7 Fluoride						M
3.660	3.660	0.000	33062	1.00	0.9686	M
2 Chloride						
5.462	5.462	0.000	32269	1.50	1.41	
8 Nitrite as N						
6.540	6.540	0.000	65391	NC	NC	
1 Bromide						
8.297	8.297	0.000	47683	5.00	4.79	
3 Nitrate as N						
9.523	9.523	0.000	65944	NC	NC	
9 Orthophosphate as P						
13.165	13.165	0.000	47553	NC	NC	
5 Sulfate						
15.330	15.330	0.000	121529	7.50	7.08	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SGANIONSL4_00054

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\EDICHROM\ChromData\ICB\20150406-25916.b\yb4061538.d

Injection Date: 06-Apr-2015 15:38:00

Instrument ID: IC B

Operator ID: TestAmerica - Edison

Lims ID: STD4

Worklist Smp#: 7

Client ID:

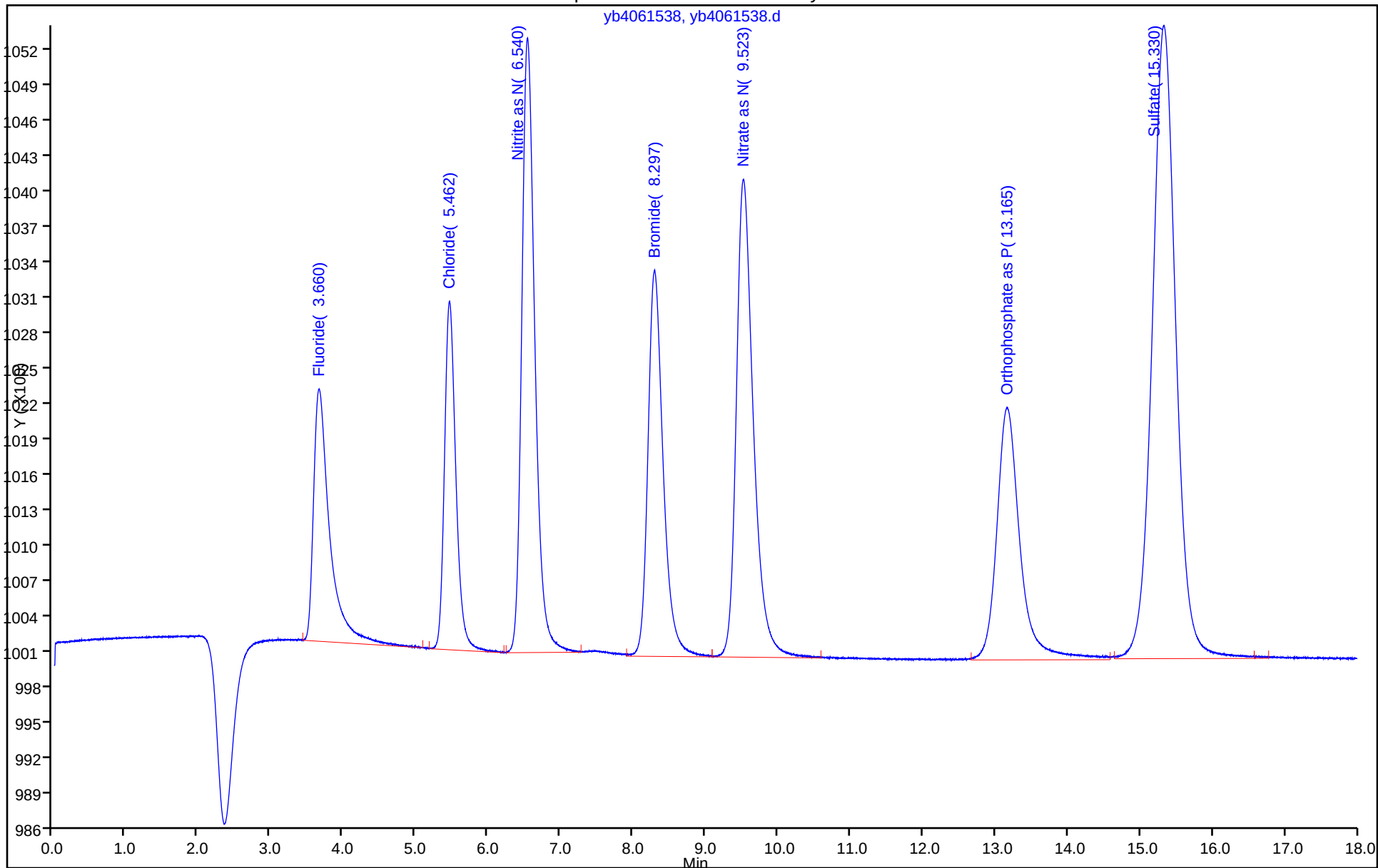
Injection Vol: 10.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 0

Method: anions-icb

Limit Group: SV - Anions 28 days



TestAmerica Edison

Data File: \\EDICHROM\ChromData\ICB\20150406-25916.b\yb4061538.d

Injection Date: 06-Apr-2015 15:38:00

Instrument ID: IC B

Lims ID: STD4

Client ID:

Operator ID: TestAmerica - Edison

ALS Bottle#: 0

Worklist Smp#: 7

Injection Vol: 10.0 ul

Dil. Factor: 1.0000

Method: anions-icb

Limit Group: SV - Anions 28 days

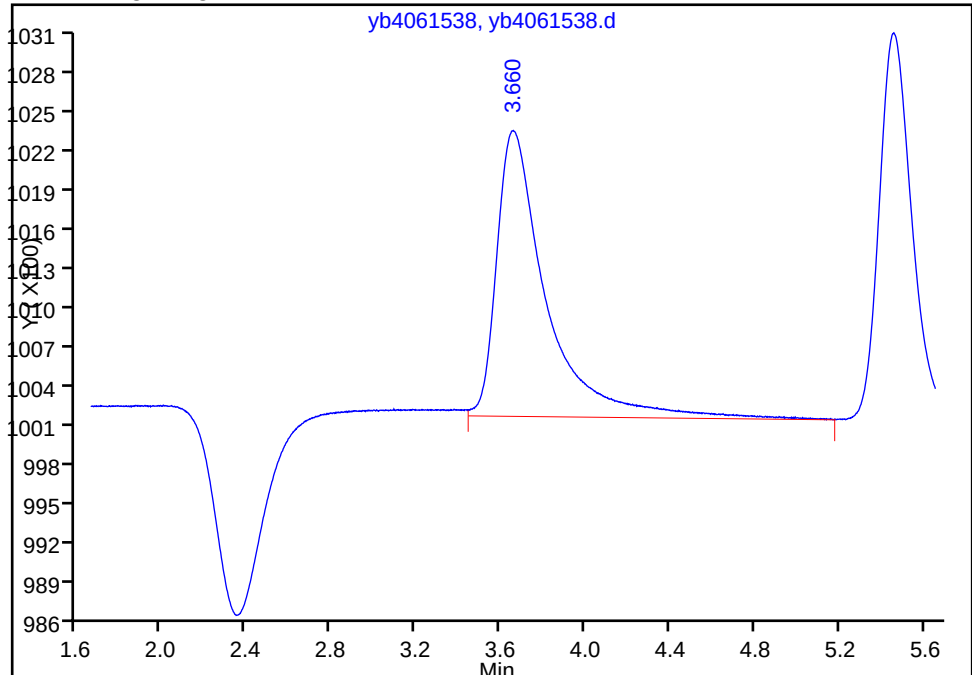
Column:

Detector GC IC0

7 Fluoride, CAS: 16984-48-8

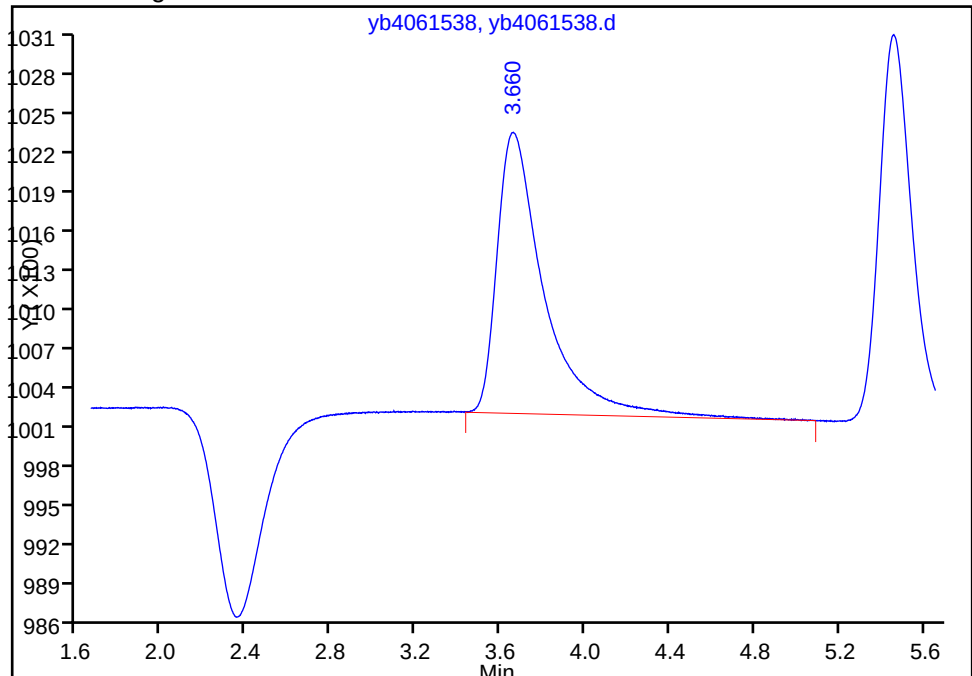
RT: 3.66
Area: 35405
Amount: 1.007152
Amount Units: ug/ml

Processing Integration Results



RT: 3.66
Area: 33062
Amount: 0.968575
Amount Units: ug/ml

Manual Integration Results



Reviewer: boykinc, 07-Apr-2015 18:57:49

Audit Action: Manually Integrated

Audit Reason: Baseline

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\ICB\20150406-25916.b\yb4061559.d
 Lims ID: STD5
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 06-Apr-2015 15:59:00 ALS Bottle#: 0 Worklist Smp#: 8
 Injection Vol: 10.0 ul Dil. Factor: 1.0000
 Sample Info: I5
 Operator ID: TestAmerica - Edison Instrument ID: IC B
 Sublist: chrom-anions-icb*sub6
 Method: \\EDICHROM\ChromData\ICB\20150406-25916.b\anions-icb.m
 Limit Group: SV - Anions 28 days
 Last Update: 08-Apr-2015 00:40:07 Calib Date: 06-Apr-2015 16:43:00
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\ICB\20150406-25916.b\yb4061643.d
 Column 1 : Det: GC IC0
 Process Host: XAWRK024

First Level Reviewer: boykinc

Date: 07-Apr-2015 18:58:05

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

7 Fluoride						M
3.662	3.660	0.002	69874	2.00	2.01	M
2 Chloride						
5.460	5.462	-0.002	68998	3.00	3.01	
8 Nitrite as N						
6.532	6.540	-0.008	137782	NC	NC	
1 Bromide						
8.282	8.297	-0.015	99679	10.0	9.83	
3 Nitrate as N						
9.493	9.523	-0.030	139849	NC	NC	
9 Orthophosphate as P						
13.155	13.165	-0.010	100497	NC	NC	
5 Sulfate						
15.332	15.330	0.002	259144	15.0	14.7	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SGANIONS5_00031

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\EDICHROM\ChromData\ICB\20150406-25916.b\yb4061559.d

Injection Date: 06-Apr-2015 15:59:00

Instrument ID: IC B

Operator ID: TestAmerica - Edison

Lims ID: STD5

Worklist Smp#: 8

Client ID:

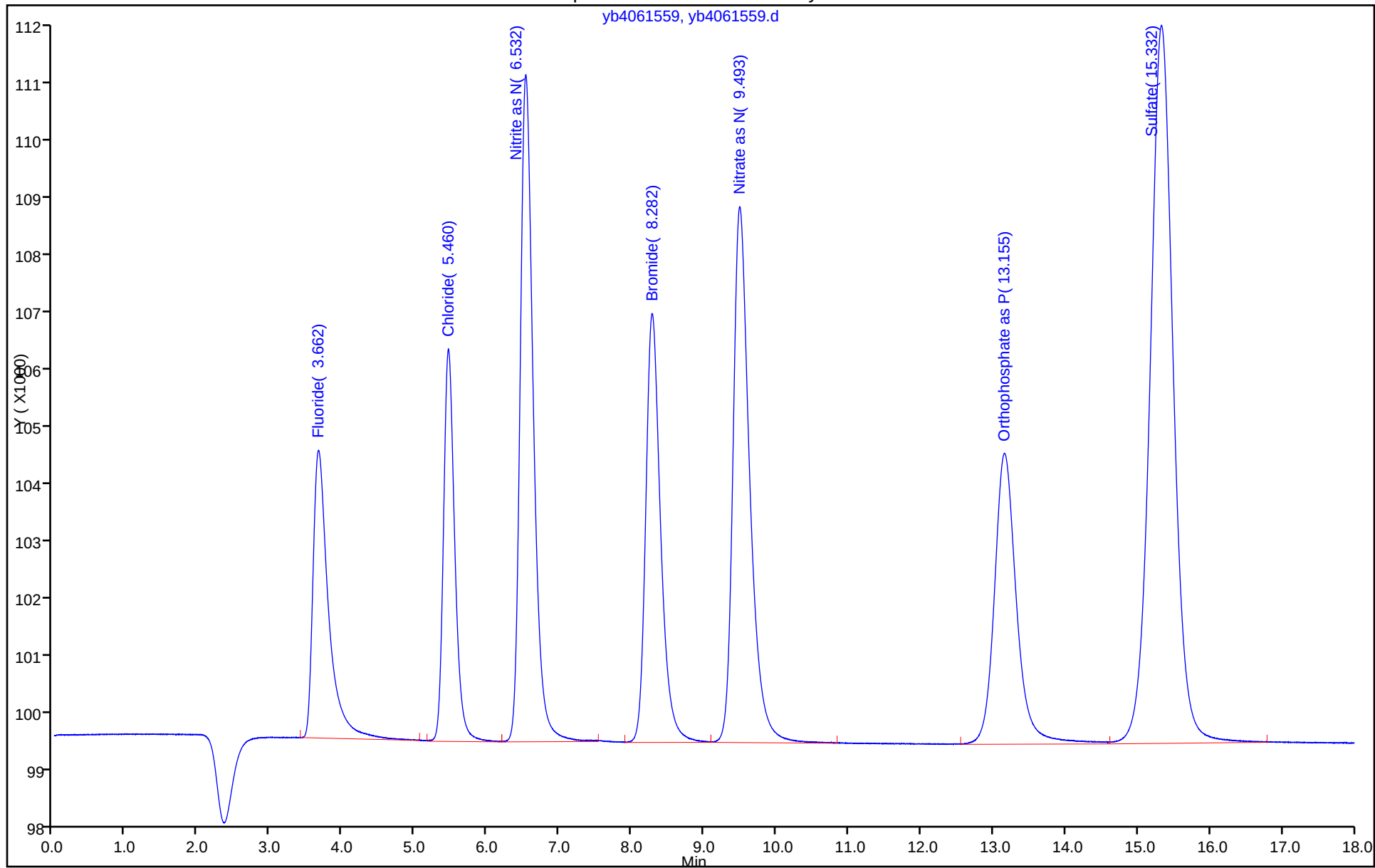
Injection Vol: 10.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 0

Method: anions-icb

Limit Group: SV - Anions 28 days



TestAmerica Edison

Data File: \\EDICHROM\ChromData\ICB\20150406-25916.b\yb4061559.d

Injection Date: 06-Apr-2015 15:59:00

Instrument ID: IC B

Lims ID: STD5

Client ID:

Operator ID: TestAmerica - Edison

ALS Bottle#: 0

Worklist Smp#: 8

Injection Vol: 10.0 ul

Dil. Factor: 1.0000

Method: anions-icb

Limit Group: SV - Anions 28 days

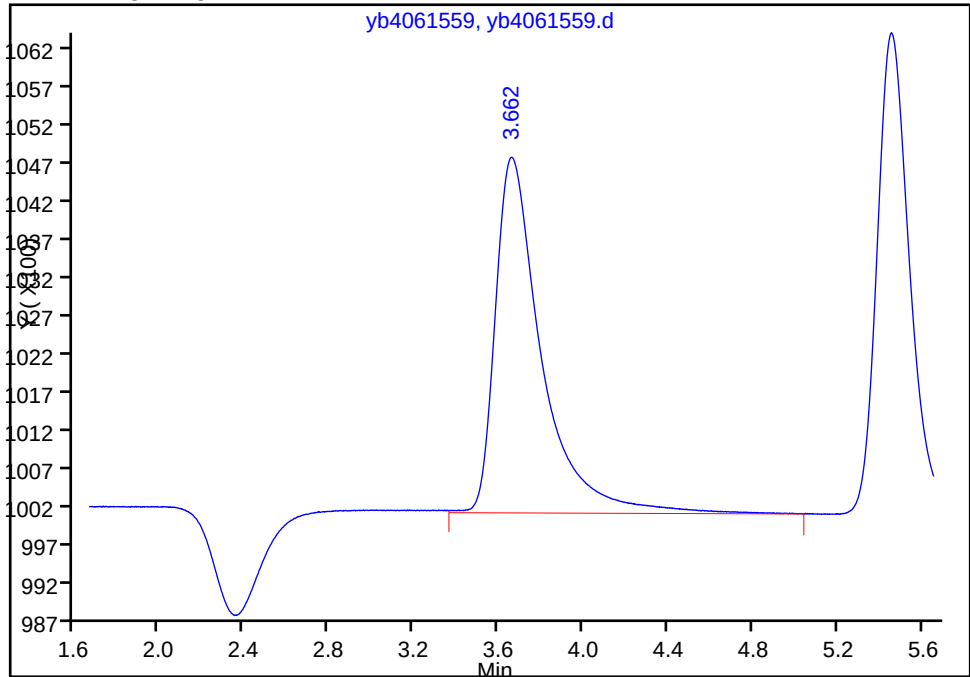
Column:

Detector GC IC0

7 Fluoride, CAS: 16984-48-8

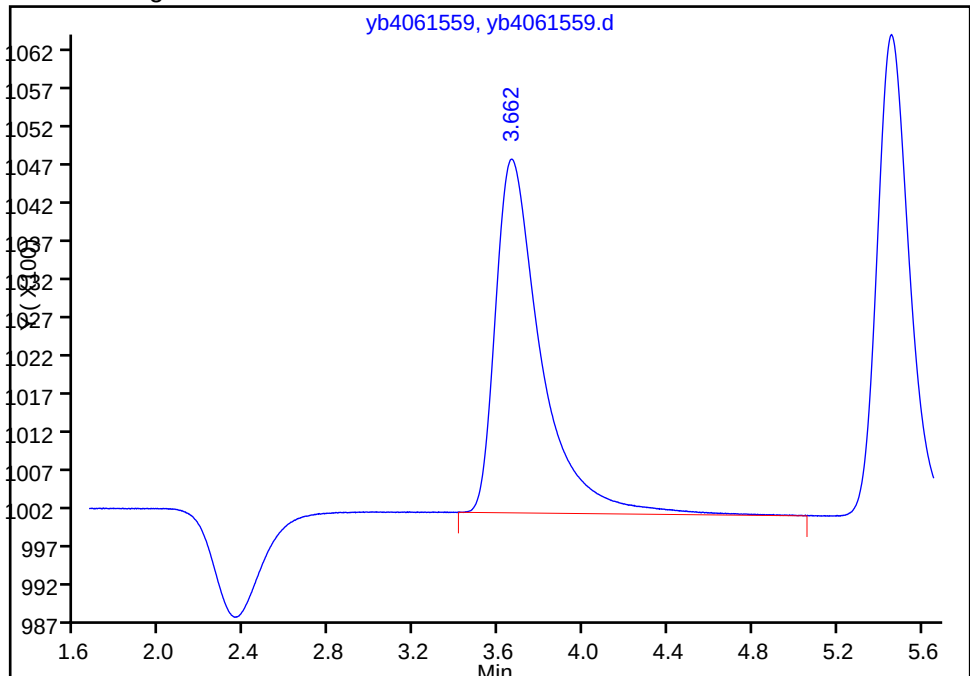
RT: 3.66
Area: 71365
Amount: 2.016353
Amount Units: ug/ml

Processing Integration Results



RT: 3.66
Area: 69874
Amount: 2.006636
Amount Units: ug/ml

Manual Integration Results



Reviewer: boykinc, 07-Apr-2015 18:58:05

Audit Action: Manually Integrated

Audit Reason: Baseline

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\ICB\20150406-25916.b\yb4061621.d
 Lims ID: STD 6
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 06-Apr-2015 16:21:00 ALS Bottle#: 0 Worklist Smp#: 9
 Injection Vol: 10.0 ul Dil. Factor: 1.0000
 Sample Info: I6
 Operator ID: TestAmerica - Edison Instrument ID: IC B
 Sublist: chrom-anions-icb*sub6
 Method: \\EDICHROM\ChromData\ICB\20150406-25916.b\anions-icb.m
 Limit Group: SV - Anions 28 days
 Last Update: 08-Apr-2015 00:40:08 Calib Date: 06-Apr-2015 16:43:00
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\ICB\20150406-25916.b\yb4061643.d

Column 1 : Det: GC IC0
 Process Host: XAWRK024

First Level Reviewer: boykinc Date: 07-Apr-2015 18:58:23

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

7 Fluoride						M
3.662	3.660	0.002	106049	3.00	3.03	M
2 Chloride						
5.458	5.462	-0.004	104498	4.50	4.56	
8 Nitrite as N						
6.523	6.540	-0.017	215104	NC	NC	
1 Bromide						
8.275	8.297	-0.022	154471	15.0	15.1	
3 Nitrate as N						
9.477	9.523	-0.046	216579	NC	NC	
9 Orthophosphate as P						
13.143	13.165	-0.022	155987	NC	NC	
5 Sulfate						
15.318	15.330	-0.012	402503	22.5	22.5	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SGANIONSL6_00032

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\EDICHROM\ChromData\ICB\20150406-25916.b\yb4061621.d

Injection Date: 06-Apr-2015 16:21:00

Instrument ID: IC B

Operator ID: TestAmerica - Edison

Lims ID: STD 6

Worklist Smp#: 9

Client ID:

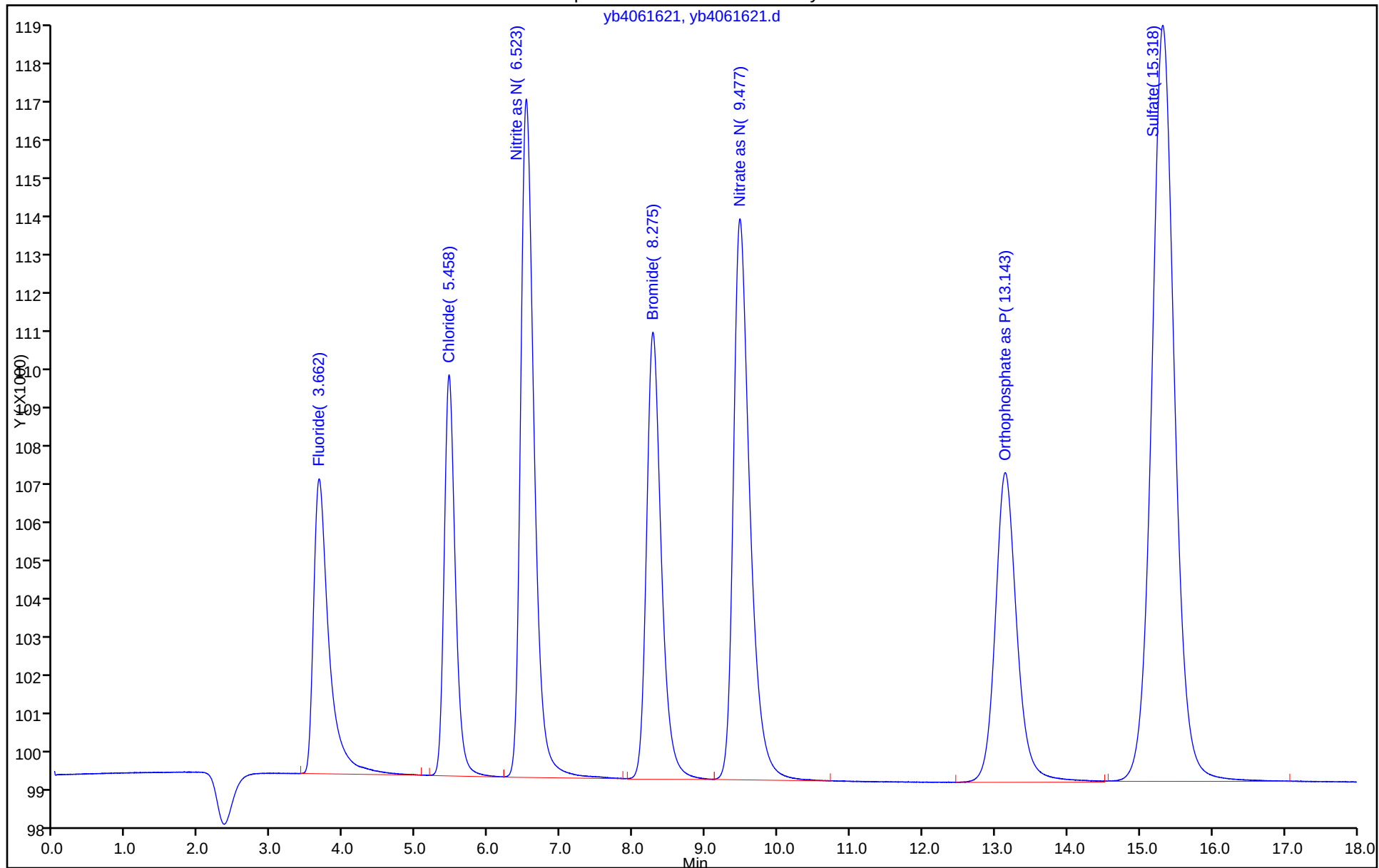
Injection Vol: 10.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 0

Method: anions-icb

Limit Group: SV - Anions 28 days



TestAmerica Edison

Data File: \\EDICHRON\ChromData\ICB\20150406-25916.b\yb4061621.d

Injection Date: 06-Apr-2015 16:21:00

Instrument ID: IC B

Lims ID: STD 6

Client ID:

Operator ID: TestAmerica - Edison

ALS Bottle#:

0

Worklist Smp#: 9

Injection Vol: 10.0 ul

Dil. Factor: 1.0000

Method: anions-icb

Limit Group: SV - Anions 28 days

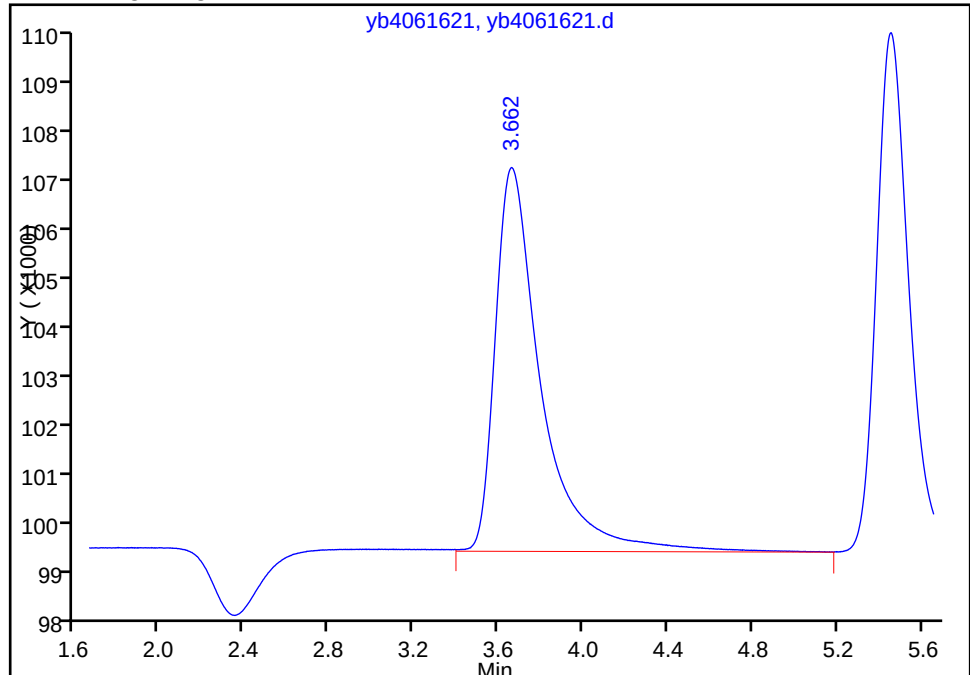
Column:

Detector GC IC0

7 Fluoride, CAS: 16984-48-8

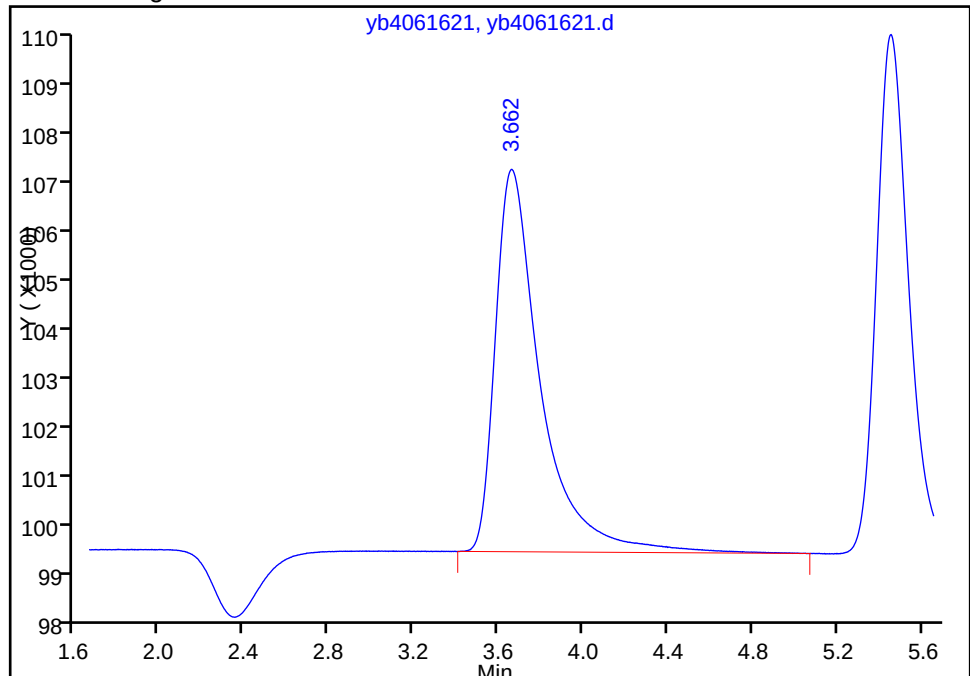
RT: 3.66
Area: 107997
Amount: 3.038863
Amount Units: ug/ml

Processing Integration Results



RT: 3.66
Area: 106049
Amount: 3.026734
Amount Units: ug/ml

Manual Integration Results



Reviewer: boykinc, 07-Apr-2015 18:58:23

Audit Action: Manually Integrated

Audit Reason: Baseline

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\ICB\20150406-25916.b\yb4061643.d
 Lims ID: STD7
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 06-Apr-2015 16:43:00 ALS Bottle#: 0 Worklist Smp#: 10
 Injection Vol: 10.0 ul Dil. Factor: 1.0000
 Sample Info: I7
 Misc. Info.: 10
 Operator ID: TestAmerica - Edison Instrument ID: IC B
 Sublist: chrom-anions-icb*sub6
 Method: \\EDICHROM\ChromData\ICB\20150406-25916.b\anions-icb.m
 Limit Group: SV - Anions 28 days
 Last Update: 08-Apr-2015 00:40:09 Calib Date: 06-Apr-2015 16:43:00
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\ICB\20150406-25916.b\yb4061643.d

Column 1 : Det: GC IC0

Process Host: XAWRK024

First Level Reviewer: boykinc

Date: 07-Apr-2015 18:58:48

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
7 Fluoride						M
3.660	3.660	0.000	140009	4.00	3.98	M
2 Chloride						
5.455	5.462	-0.007	136822	6.00	5.97	
8 Nitrite as N						
6.513	6.540	-0.027	284624	NC	NC	
1 Bromide						
8.263	8.297	-0.034	205067	20.0	20.0	
3 Nitrate as N						
9.457	9.523	-0.066	289944	NC	NC	
9 Orthophosphate as P						
13.133	13.165	-0.032	208190	NC	NC	
5 Sulfate						
15.310	15.330	-0.020	542461	30.0	30.2	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SGANIONS7_00030

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\EDICHROM\ChromData\ICB\20150406-25916.b\yb4061643.d

Injection Date: 06-Apr-2015 16:43:00

Instrument ID: IC B

Operator ID: TestAmerica - Edison

Lims ID: STD7

Worklist Smp#: 10

Client ID:

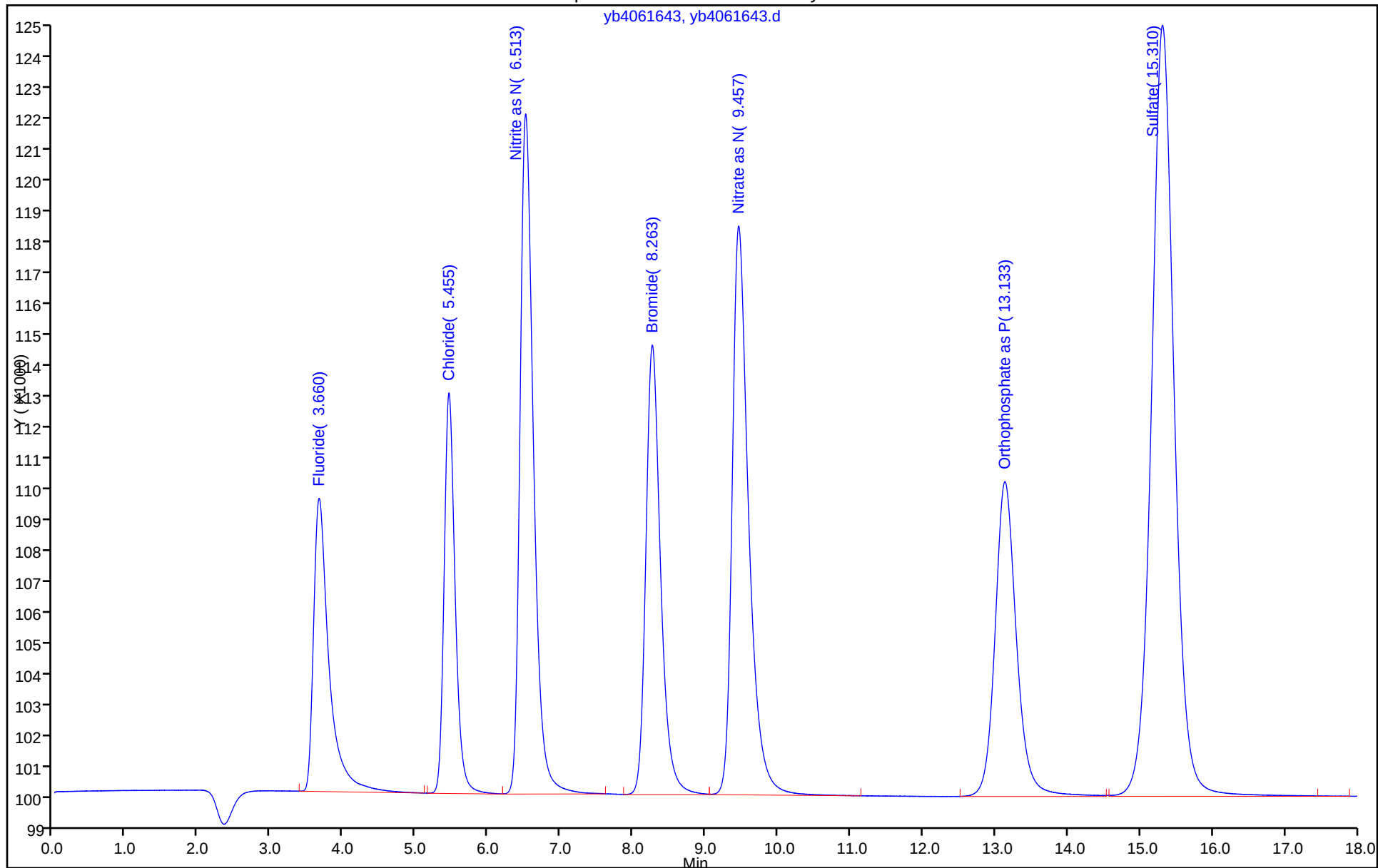
Injection Vol: 10.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 0

Method: anions-icb

Limit Group: SV - Anions 28 days



TestAmerica Edison

Data File: \\EDICHROM\ChromData\ICB\20150406-25916.b\yb4061643.d

Injection Date: 06-Apr-2015 16:43:00

Instrument ID: IC B

Lims ID: STD7

Client ID:

Operator ID: TestAmerica - Edison

ALS Bottle#:

0

Worklist Smp#: 10

Injection Vol: 10.0 ul

Dil. Factor: 1.0000

Method: anions-icb

Limit Group: SV - Anions 28 days

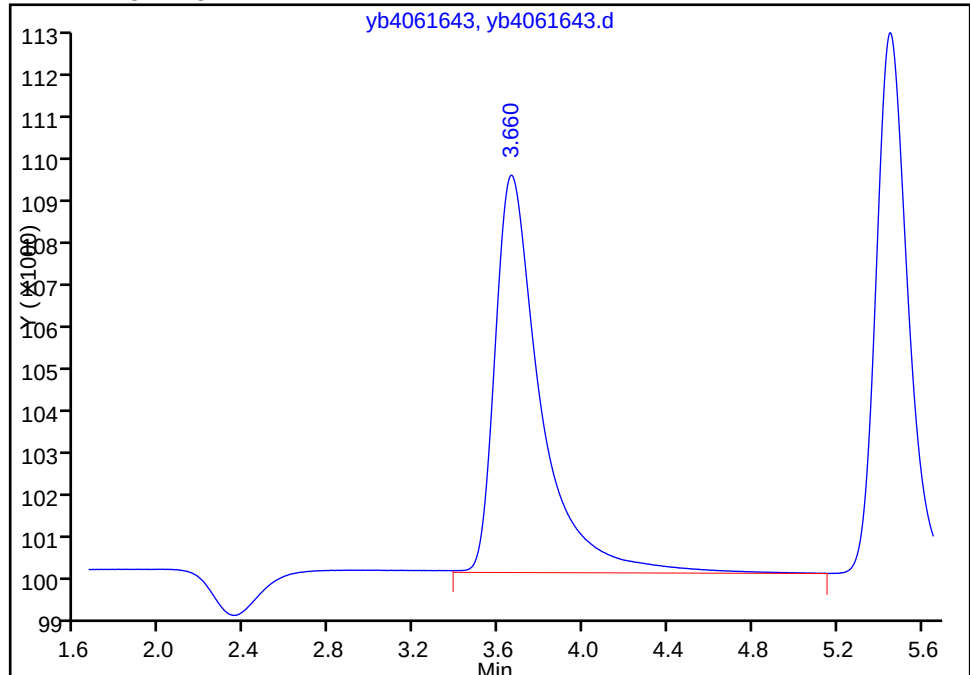
Column:

Detector GC IC0

7 Fluoride, CAS: 16984-48-8

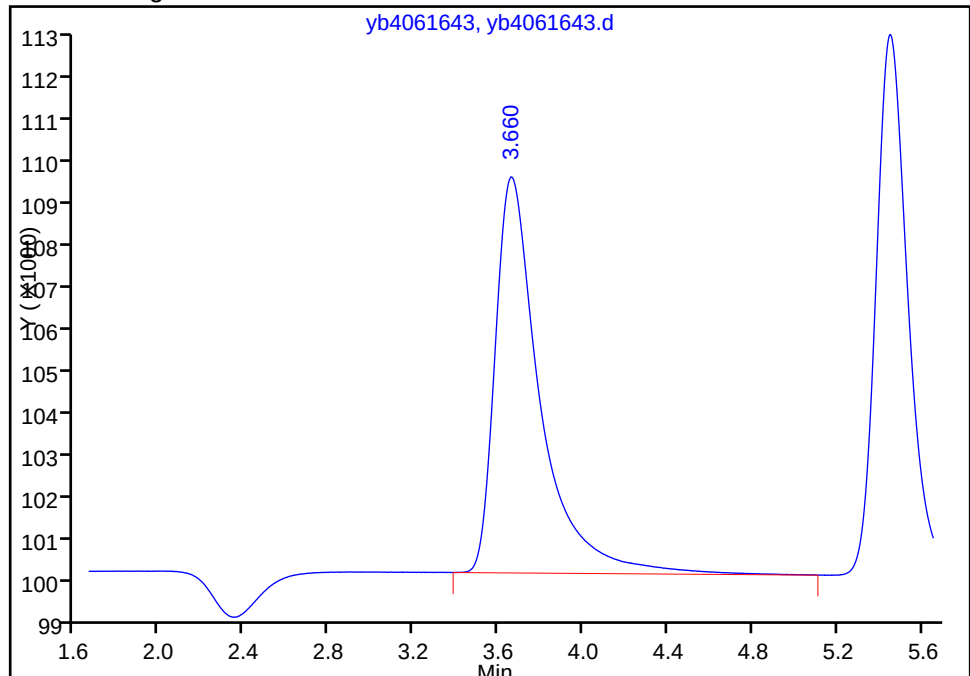
RT: 3.66
Area: 142265
Amount: 4.010508
Amount Units: ug/ml

Processing Integration Results



RT: 3.66
Area: 140009
Amount: 3.984371
Amount Units: ug/ml

Manual Integration Results



Reviewer: boykinc, 07-Apr-2015 18:58:48

Audit Action: Manually Integrated

Audit Reason: Baseline

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-94855-1
SDG No.: _____
Lab Sample ID: CCV 460-298769/4 Calibration Date: 05/15/2015 05:47
Instrument ID: IC B Calib Start Date: 04/06/2015 14:33
GC Column: _____ ID: _____ Calib End Date: 04/06/2015 16:43
Lab File ID: yb5150547.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin		34421		1.01	1.00	0.7	10.0
Chloride	Lin		21597		1.42	1.50	-5.5	10.0
Bromide	Lin		9596		4.82	5.00	-3.6	10.0
Sulfate	Lin		16258		7.10	7.50	-5.3	10.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-94855-1
SDG No.: _____
Lab Sample ID: CCV 460-298769/4 Calibration Date: 05/15/2015 05:47
Instrument ID: IC B Calib Start Date: 04/06/2015 14:33
GC Column: _____ ID: _____ Calib End Date: 04/06/2015 16:43
Lab File ID: yb5150547.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.83	3.58	4.08
Chloride	5.71	5.46	5.96
Bromide	8.61	8.36	8.86
Sulfate	16.19	15.94	16.44

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\ICB\20150515-27425.b\yb5150547.d
 Lims ID: CCV
 Client ID:
 Sample Type: CCV
 Inject. Date: 15-May-2015 05:47:00 ALS Bottle#: 0 Worklist Smp#: 4
 Injection Vol: 10.0 ul Dil. Factor: 1.0000
 Sample Info: CCV
 Operator ID: TestAmerica - Edison Instrument ID: IC B
 Sublist: chrom-anions-icb*sub6
 Method: \\ChromNA\G2\Edison\ChromData\ICB\20150515-27425.b\anions-icb.m
 Limit Group: SV - Anions 28 days
 Last Update: 17-May-2015 18:44:44 Calib Date: 06-Apr-2015 16:43:00
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\g2\Edison\ChromData\ICB\20150406-25916.b\yb4061643.d
 Column 1 : Det: GC IC0
 Process Host: XAWRK015

First Level Reviewer: adoum

Date: 15-May-2015 07:14:27

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

7 Fluoride

3.833	3.833	0.000	34421	1.00	1.01

2 Chloride

5.708	5.708	0.000	32396	1.50	1.42

8 Nitrite as N

6.820	6.820	0.000	67175	NC	NC

1 Bromide

8.610	8.610	0.000	47981	5.00	4.82

3 Nitrate as N

9.868	9.868	0.000	65609	NC	NC

9 Orthophosphate as P

13.813	13.813	0.000	62747	NC	NC

5 Sulfate

16.188	16.188	0.000	121938	7.50	7.10

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SGANIONSL4_00060

Amount Added: 1.00

Units: mL

Report Date: 17-May-2015 18:44:44

Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\ICB\20150515-27425.b\yb5150547.d

Injection Date: 15-May-2015 05:47:00

Instrument ID: IC B

Operator ID: TestAmerica - Edison

Lims ID: CCV

Worklist Smp#: 4

Client ID:

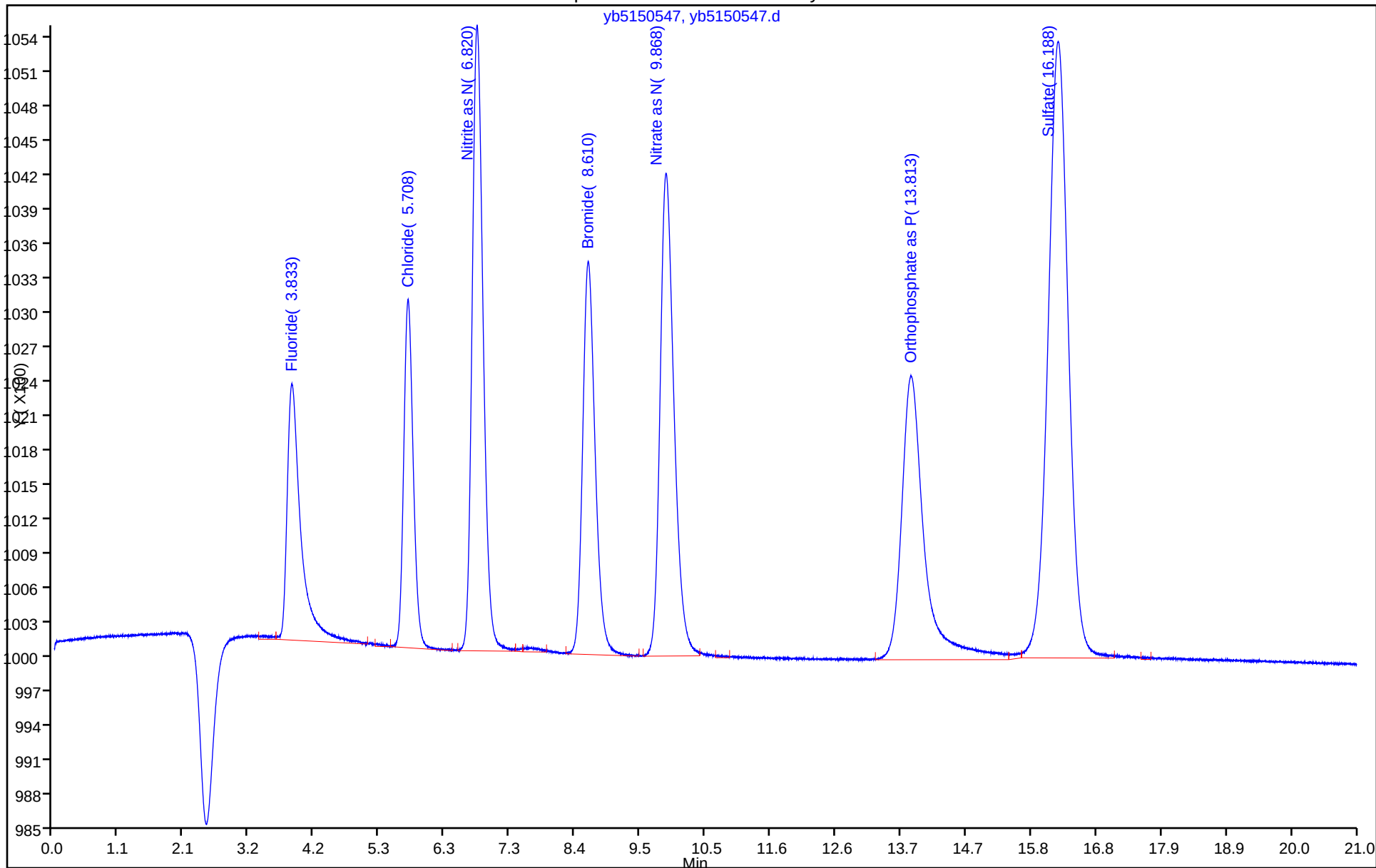
Injection Vol: 10.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 0

Method: anions-icb

Limit Group: SV - Anions 28 days



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-94855-1
SDG No.: _____
Lab Sample ID: CCV 460-298769/16 Calibration Date: 05/15/2015 10:43
Instrument ID: IC B Calib Start Date: 04/06/2015 14:33
GC Column: _____ ID: _____ Calib End Date: 04/06/2015 16:43
Lab File ID: yb5151043.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin		35704		1.04	1.00	4.3	10.0
Chloride	Lin		21701		1.42	1.50	-5.1	10.0
Bromide	Lin		9678		4.86	5.00	-2.8	10.0
Sulfate	Lin		16514		7.21	7.50	-3.9	10.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-94855-1
SDG No.: _____
Lab Sample ID: CCV 460-298769/16 Calibration Date: 05/15/2015 10:43
Instrument ID: IC B Calib Start Date: 04/06/2015 14:33
GC Column: _____ ID: _____ Calib End Date: 04/06/2015 16:43
Lab File ID: yb5151043.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.84	3.59	4.09
Chloride	5.71	5.46	5.96
Bromide	8.62	8.37	8.87
Sulfate	16.21	15.96	16.46

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\ICB\20150515-27425.b\yb5151043.d
 Lims ID: CCV
 Client ID:
 Sample Type: CCV
 Inject. Date: 15-May-2015 10:43:00 ALS Bottle#: 0 Worklist Smp#: 16
 Injection Vol: 10.0 ul Dil. Factor: 1.0000
 Sample Info: CCV
 Misc. Info.: 16
 Operator ID: TestAmerica - Edison Instrument ID: IC B
 Sublist: chrom-anions-icb*sub6
 Method: \\ChromNA\G2\Edison\ChromData\ICB\20150515-27425.b\anions-icb.m
 Limit Group: SV - Anions 28 days
 Last Update: 17-May-2015 18:44:53 Calib Date: 06-Apr-2015 16:43:00
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\g2\Edison\ChromData\ICB\20150406-25916.b\yb4061643.d

Column 1 : Det: GC IC0

Process Host: XAWRK015

First Level Reviewer: adoum

Date: 15-May-2015 12:17:56

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

7 Fluoride

3.842 3.842 0.000 35704 1.00 1.04

2 Chloride

5.713 5.713 0.000 32551 1.50 1.42

8 Nitrite as N

6.823 6.823 0.000 66928 NC NC

1 Bromide

8.615 8.615 0.000 48392 5.00 4.86

3 Nitrate as N

9.875 9.875 0.000 66208 NC NC

9 Orthophosphate as P

13.842 13.842 0.000 61895 NC NC

5 Sulfate

16.207 16.207 0.000 123856 7.50 7.21

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SGANIONSL4_00060

Amount Added: 1.00

Units: mL

Report Date: 17-May-2015 18:44:53

Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\ICB\20150515-27425.b\yb5151043.d

Injection Date: 15-May-2015 10:43:00

Instrument ID: IC B

Operator ID: TestAmerica - Edison

Lims ID: CCV

Worklist Smp#: 16

Client ID:

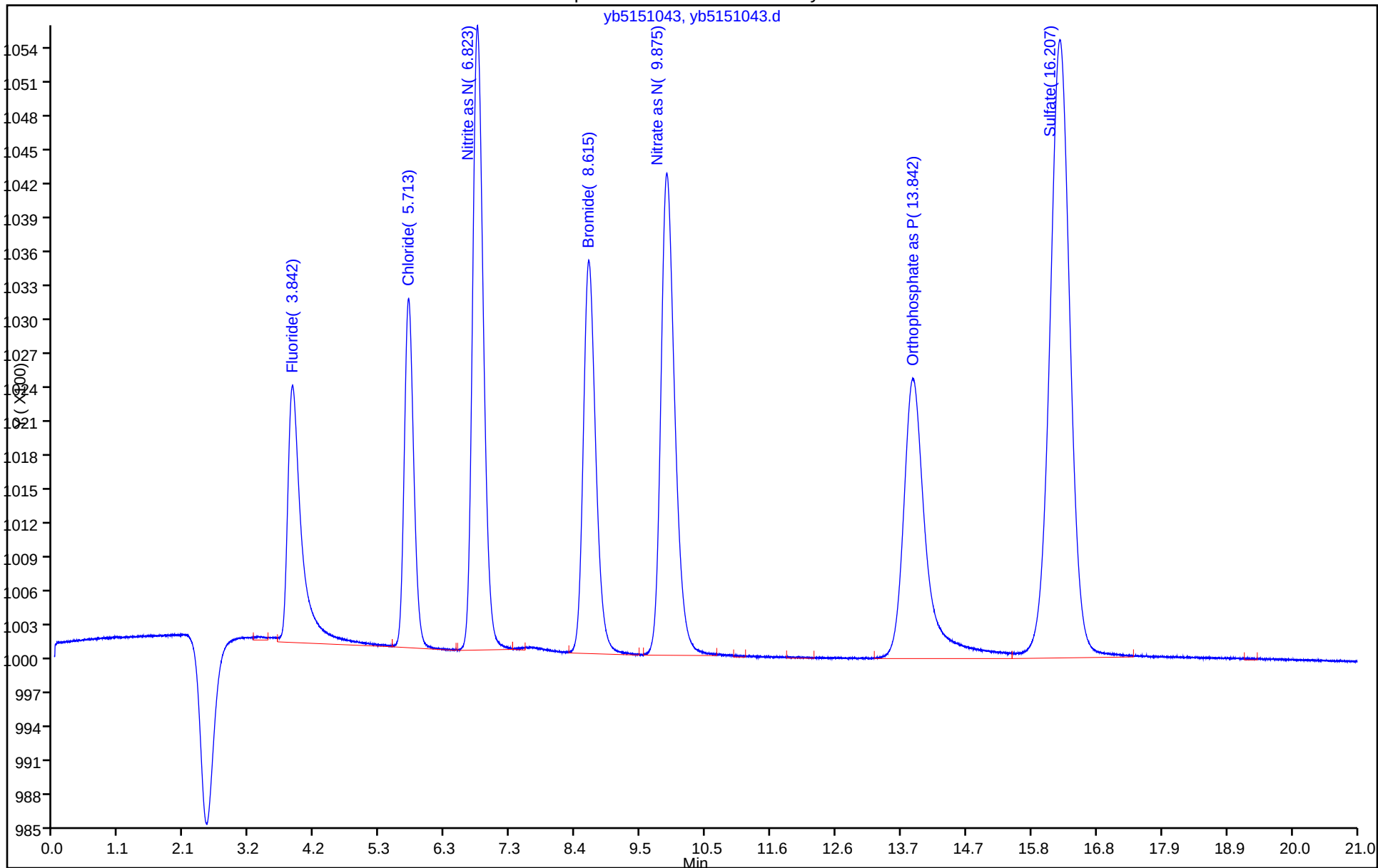
Injection Vol: 10.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 0

Method: anions-icb

Limit Group: SV - Anions 28 days



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-94855-1
SDG No.: _____
Lab Sample ID: CCV 460-298769/21 Calibration Date: 05/15/2015 12:47
Instrument ID: IC B Calib Start Date: 04/06/2015 14:33
GC Column: _____ ID: _____ Calib End Date: 04/06/2015 16:43
Lab File ID: ya5151247.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin		36688		1.07	1.00	7.1	10.0
Chloride	Lin		21870		1.44	1.50	-4.3	10.0
Bromide	Lin		9794		4.92	5.00	-1.6	10.0
Sulfate	Lin		16811		7.33	7.50	-2.3	10.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-94855-1
SDG No.: _____
Lab Sample ID: CCV 460-298769/21 Calibration Date: 05/15/2015 12:47
Instrument ID: IC B Calib Start Date: 04/06/2015 14:33
GC Column: _____ ID: _____ Calib End Date: 04/06/2015 16:43
Lab File ID: ya5151247.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.84	3.59	4.09
Chloride	5.71	5.46	5.96
Bromide	8.63	8.38	8.88
Sulfate	16.18	15.93	16.43

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\ICB\20150515-27425.b\ya5151247.d
 Lims ID: CCV
 Client ID:
 Sample Type: CCV
 Inject. Date: 15-May-2015 12:47:00 ALS Bottle#: 0 Worklist Smp#: 21
 Injection Vol: 10.0 ul Dil. Factor: 1.0000
 Sample Info: 460-94855-A-5 MSD
 Misc. Info.: 20
 Operator ID: TestAmerica - Edison Instrument ID: IC B
 Sublist: chrom-anions-icb*sub6
 Method: \\ChromNA\G2\Edison\ChromData\ICB\20150515-27425.b\anions-icb.m
 Limit Group: SV - Anions 28 days
 Last Update: 17-May-2015 18:44:56 Calib Date: 06-Apr-2015 16:43:00
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\g2\Edison\ChromData\ICB\20150406-25916.b\yb4061643.d

Column 1 : Det: GC IC0

Process Host: XAWRK015

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

7 Fluoride

3.835 3.835 0.000 36688 1.00 1.07

2 Chloride

5.705 5.705 0.000 32805 1.50 1.44

8 Nitrite as N

6.823 6.823 0.000 66669 NC NC

1 Bromide

8.625 8.625 0.000 48970 5.00 4.92

3 Nitrate as N

9.892 9.892 0.000 68181 NC NC

9 Orthophosphate as P

13.812 13.812 0.000 61846 NC NC

5 Sulfate

16.182 16.182 0.000 126080 7.50 7.33

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SGANIONS4_00060

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\ICB\20150515-27425.b\ya5151247.d

Injection Date: 15-May-2015 12:47:00

Instrument ID: IC B

Operator ID: TestAmerica - Edison

Lims ID: CCV

Worklist Smp#: 21

Client ID:

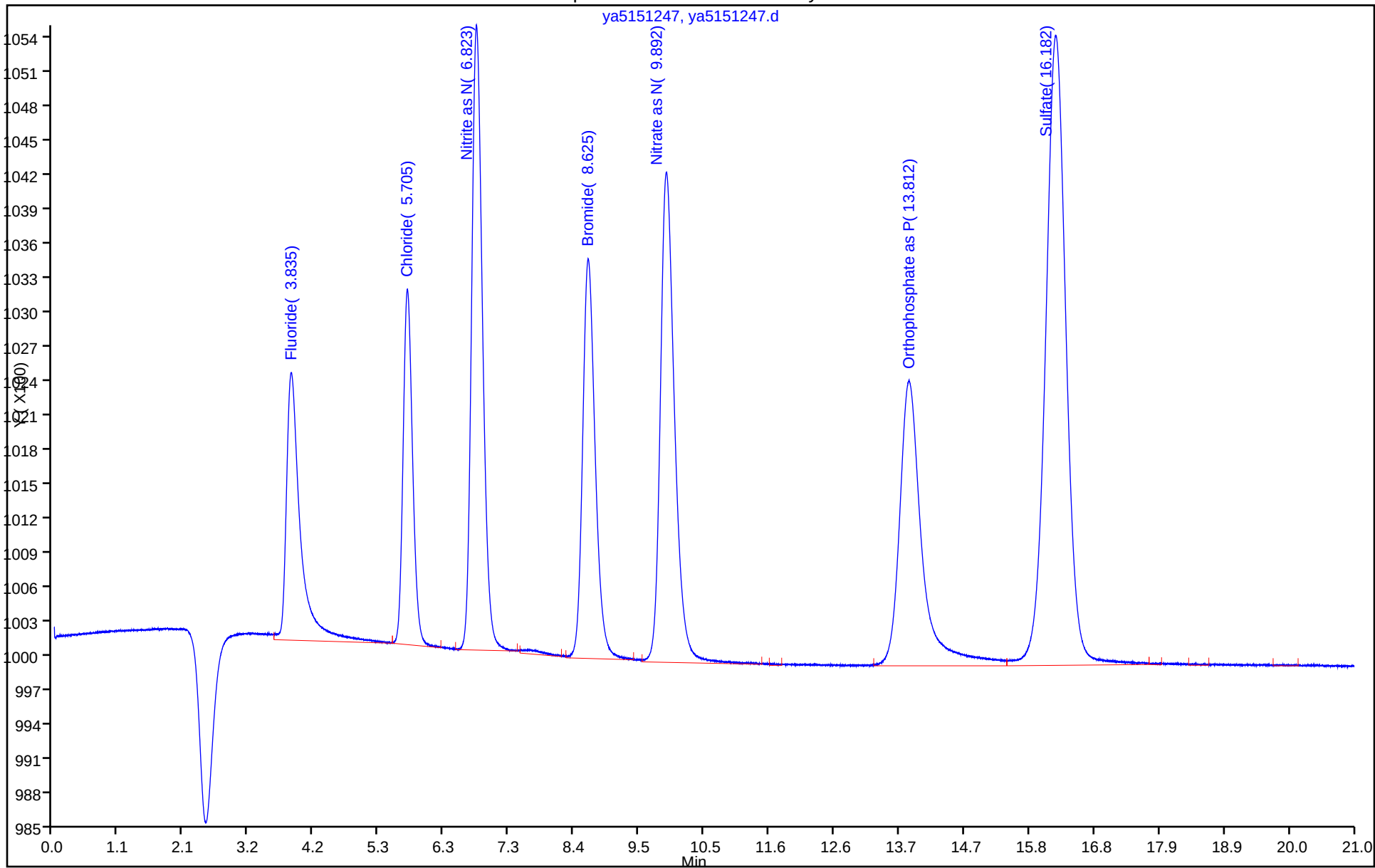
Injection Vol: 10.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 0

Method: anions-icb

Limit Group: SV - Anions 28 days



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-298769/7
Matrix: Water Lab File ID: yb5150701.d
Analysis Method: 300.0 Date Collected: _____
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 10 (mL) Date Analyzed: 05/15/2015 07:01
Con. Extract Vol.: _____ Dilution Factor: 1
Injection Volume: 10 (uL) GC Column: _____ ID: _____
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 298769 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
16984-48-8	Fluoride	0.080	U	0.080	0.015
16887-00-6	Chloride	0.12	U	0.12	0.030
14808-79-8	Sulfate	0.60	U	0.60	0.11

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\ICB\20150515-27425.b\yb5150701.d
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 15-May-2015 07:01:00 ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 10.0 ul Dil. Factor: 1.0000
Sample Info: MB
Operator ID: TestAmerica - Edison Instrument ID: IC B
Method: \\ChromNA\G2\Edison\ChromData\ICB\20150515-27425.b\anions-icb.m
Limit Group: SV - Anions 28 days
Last Update: 17-May-2015 18:44:45 Calib Date: 06-Apr-2015 16:43:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\ICB\20150406-25916.b\yb4061643.d
Column 1 : Det: GC IC0
Process Host: XAWRK015

First Level Reviewer: adoum

Date: 15-May-2015 08:57:22

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

Report Date: 17-May-2015 18:44:47

Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\ICB\20150515-27425.b\yb5150701.d

Injection Date: 15-May-2015 07:01:00

Instrument ID: IC B

Operator ID: TestAmerica - Edison

Lims ID: MB

Worklist Smp#: 7

Client ID:

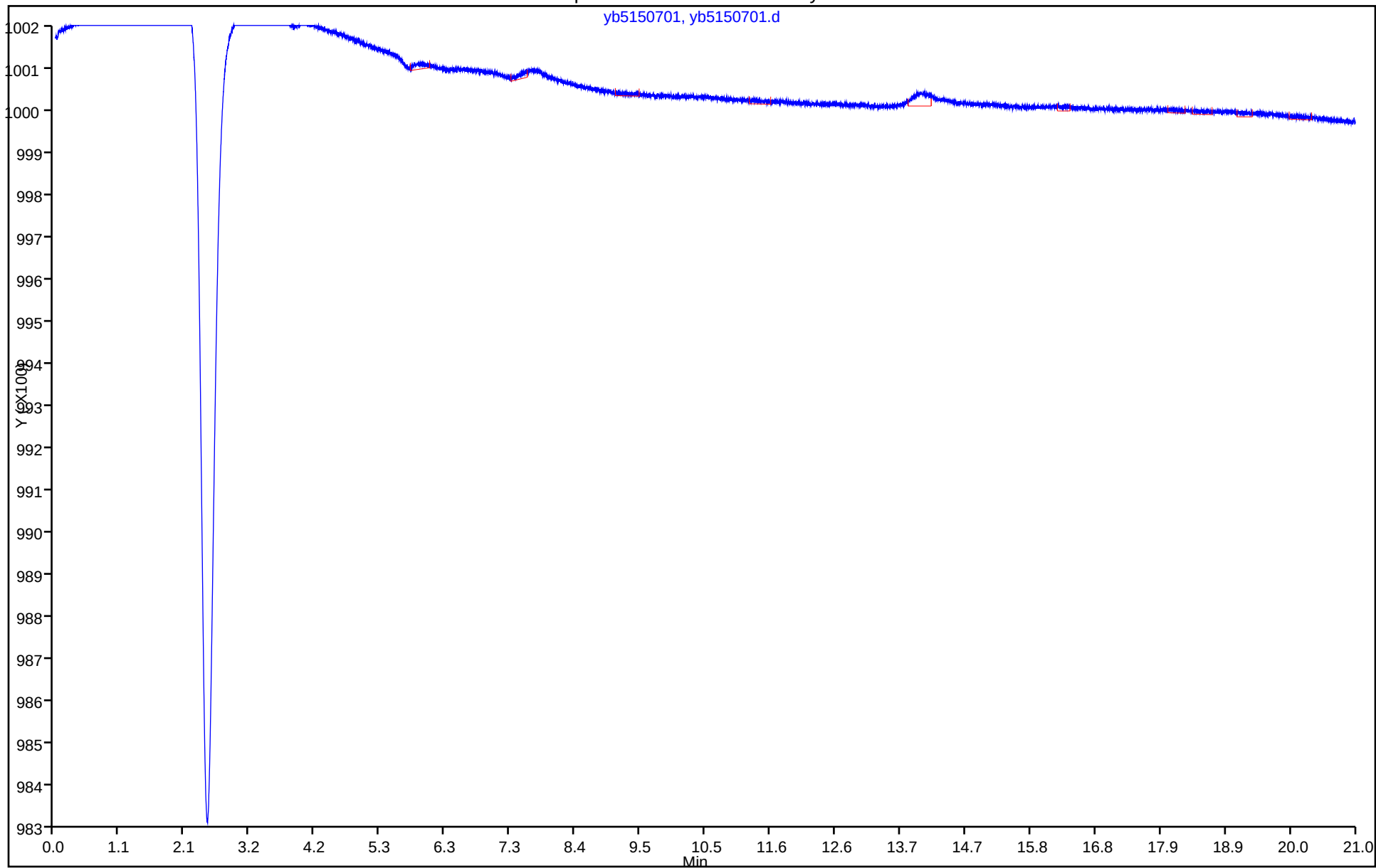
Injection Vol: 10.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 0

Method: anions-icb

Limit Group: SV - Anions 28 days



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-298769/8
 Matrix: Water Lab File ID: yb5150725.d
 Analysis Method: 300.0 Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: 10 (mL) Date Analyzed: 05/15/2015 07:25
 Con. Extract Vol.: _____ Dilution Factor: 1
 Injection Volume: 10 (uL) GC Column: _____ ID: _____
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 298769 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
16984-48-8	Fluoride	1.058		0.080	0.015
16887-00-6	Chloride	1.515		0.12	0.030
14808-79-8	Sulfate	7.612		0.60	0.11

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\ICB\20150515-27425.b\yb5150725.d
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 15-May-2015 07:25:00 ALS Bottle#: 0 Worklist Smp#: 8
 Injection Vol: 10.0 ul Dil. Factor: 1.0000
 Sample Info: LCS
 Operator ID: TestAmerica - Edison Instrument ID: IC B
 Method: \\ChromNA\G2\Edison\ChromData\ICB\20150515-27425.b\anions-icb.m
 Limit Group: SV - Anions 28 days
 Last Update: 17-May-2015 18:44:45 Calib Date: 06-Apr-2015 16:43:00
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\G2\Edison\ChromData\ICB\20150406-25916.b\yb4061643.d
 Column 1 : Det: GC IC0
 Process Host: XAWRK015

First Level Reviewer: adoum

Date: 15-May-2015 08:57:14

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

7 Fluoride

3.843	3.825	0.018	36219	1.00	1.06

2 Chloride

5.708	5.707	0.001	34639	1.50	1.52

8 Nitrite as N

6.817	6.823	-0.006	70362	NC	NC

1 Bromide

8.608	8.628	-0.020	50804	5.00	5.10

3 Nitrate as N

9.860	9.912	-0.052	70847	NC	NC

9 Orthophosphate as P

13.855	13.902	-0.047	66965	NC	NC

5 Sulfate

16.228	16.180	0.048	131201	7.50	7.61

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SGAnionsSS_00006

Amount Added: 0.50

Units: mL

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\ICB\20150515-27425.b\yb5150725.d

Injection Date: 15-May-2015 07:25:00

Instrument ID: IC B

Operator ID: TestAmerica - Edison

Lims ID: LCS

Worklist Smp#: 8

Client ID:

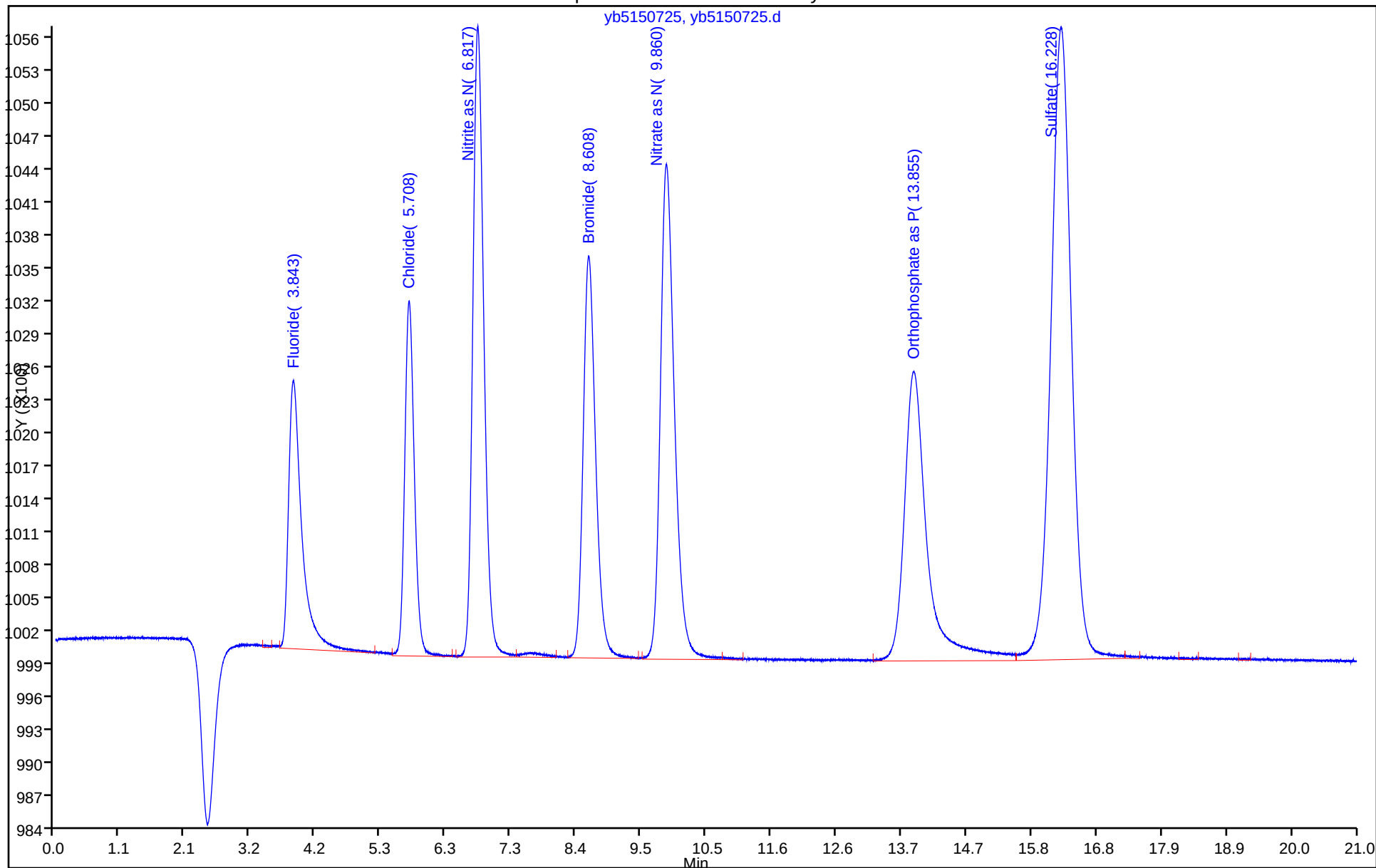
Injection Vol: 10.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 0

Method: anions-icb

Limit Group: SV - Anions 28 days



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCSD 460-298769/9
Matrix: Water Lab File ID: yb5150750.d
Analysis Method: 300.0 Date Collected: _____
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 10 (mL) Date Analyzed: 05/15/2015 07:50
Con. Extract Vol.: _____ Dilution Factor: 1
Injection Volume: 10 (uL) GC Column: _____ ID: _____
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 298769 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
16984-48-8	Fluoride	1.053		0.080	0.015
16887-00-6	Chloride	1.497		0.12	0.030
14808-79-8	Sulfate	7.533		0.60	0.11

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\ICB\20150515-27425.b\yb5150750.d
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 15-May-2015 07:50:00 ALS Bottle#: 0 Worklist Smp#: 9
 Injection Vol: 10.0 ul Dil. Factor: 1.0000
 Sample Info: LCSD
 Operator ID: TestAmerica - Edison Instrument ID: IC B
 Method: \\ChromNA\G2\Edison\ChromData\ICB\20150515-27425.b\anions-icb.m
 Limit Group: SV - Anions 28 days
 Last Update: 17-May-2015 18:44:45 Calib Date: 06-Apr-2015 16:43:00
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\g2\Edison\ChromData\ICB\20150406-25916.b\yb4061643.d

Column 1 : Det: GC IC0
 Process Host: XAWRK015

First Level Reviewer: adoum Date: 15-May-2015 09:19:38

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
7 Fluoride						
3.848	3.825	0.023	36071	1.00	1.05	
2 Chloride						
5.710	5.707	0.003	34210	1.50	1.50	
8 Nitrite as N						
6.823	6.823	0.000	68407	NC	NC	
1 Bromide						
8.613	8.628	-0.015	50846	5.00	5.10	
3 Nitrate as N						
9.862	9.912	-0.050	69654	NC	NC	
9 Orthophosphate as P						
13.855	13.902	-0.047	63767	NC	NC	
5 Sulfate						
16.232	16.180	0.052	129779	7.50	7.53	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SGAnionsSS_00006

Amount Added: 0.50

Units: mL

Report Date: 17-May-2015 18:44:49

Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\ICB\20150515-27425.b\yb5150750.d

Injection Date: 15-May-2015 07:50:00

Instrument ID: IC B

Operator ID: TestAmerica - Edison

Lims ID: LCSD

Worklist Smp#: 9

Client ID:

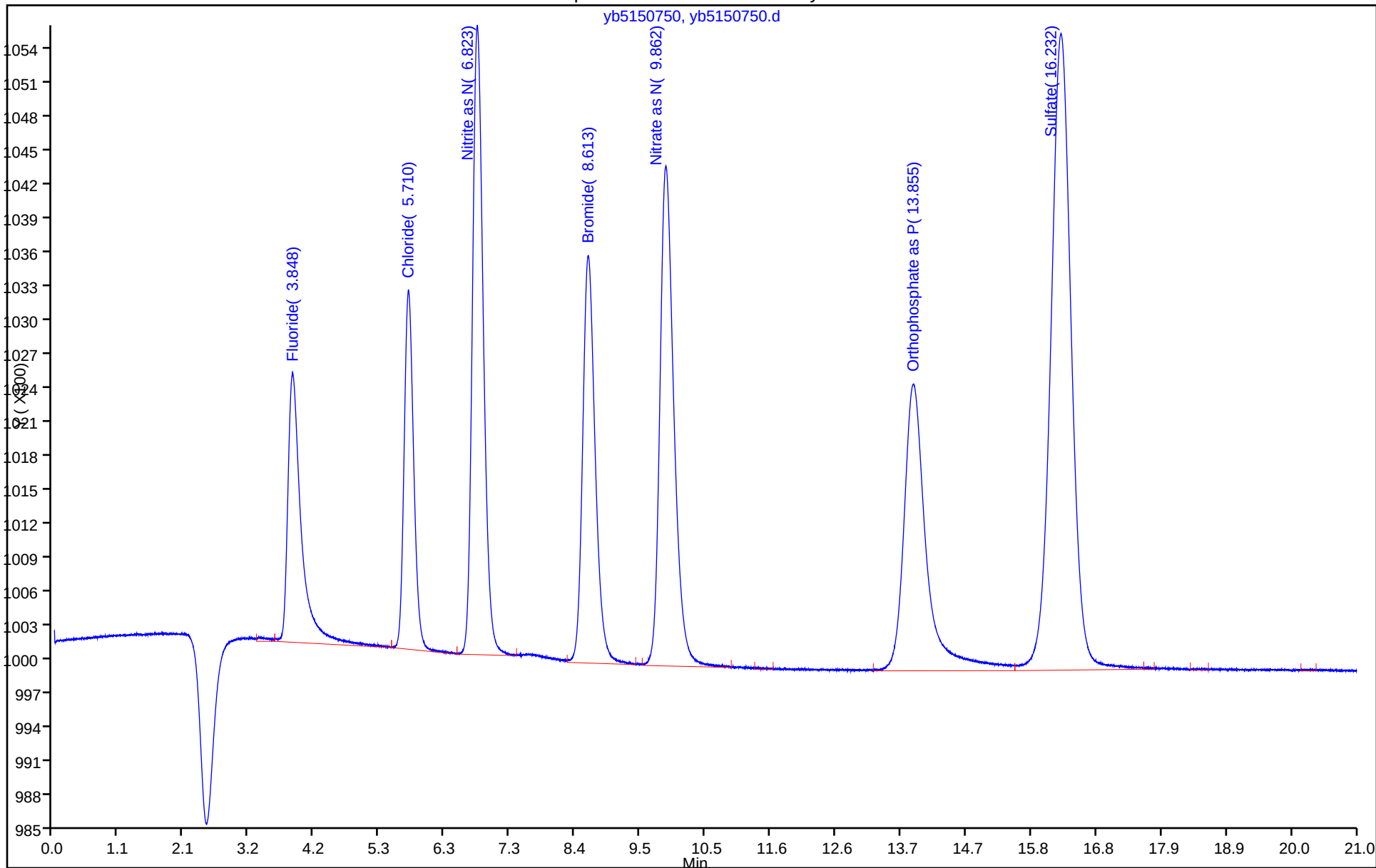
Injection Vol: 10.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 0

Method: anions-icb

Limit Group: SV - Anions 28 days



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1
SDG No.: _____
Client Sample ID: PD09-CP-00-051415 MS Lab Sample ID: 460-94855-5 MS
Matrix: Water Lab File ID: ya51511157.d
Analysis Method: 300.0 Date Collected: 05/14/2015 07:20
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 10 (mL) Date Analyzed: 05/15/2015 11:57
Con. Extract Vol.: _____ Dilution Factor: 50
Injection Volume: 10 (uL) GC Column: _____ ID: _____
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 298769 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	418.5		30.0	5.25
16984-48-8	Fluoride	51.40		4.00	0.75
16887-00-6	Chloride	213.9		6.00	1.50

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\ICB\20150515-27425.b\ya51511157.d
 Lims ID: 460-94855-B-5 MS
 Client ID: PD09-CP-00-051415
 Sample Type: MS
 Inject. Date: 15-May-2015 11:57:00 ALS Bottle#: 0 Worklist Smp#: 19
 Injection Vol: 10.0 ul Dil. Factor: 50.0000
 Sample Info: 460-94855-G-5 MD
 Misc. Info.: 18
 Operator ID: TestAmerica - Edison Instrument ID: IC B
 Method: \\ChromNA\G2\Edison\ChromData\ICB\20150515-27425.b\anions-icb.m
 Limit Group: SV - Anions 28 days
 Last Update: 17-May-2015 18:44:53 Calib Date: 06-Apr-2015 16:43:00
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\g2\Edison\ChromData\ICB\20150406-25916.b\yb4061643.d

Column 1 : Det: GC IC0

Process Host: XAWRK015

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

7 Fluoride

3.835 3.842 -0.007 35172 0.0200 1.03

2 Chloride

5.707 5.713 -0.006 98040 0.0300 4.28

8 Nitrite as N

6.822 6.823 -0.001 73588 NC NC

1 Bromide

8.618 8.615 0.003 51860 0.1000 5.20

3 Nitrate as N

9.877 9.875 0.002 76454 NC NC

9 Orthophosphate as P

13.827 13.842 -0.015 66239 NC NC

5 Sulfate

16.190 16.207 -0.017 144992 0.1500 8.37

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SGAnionsSS_00006

Amount Added: 0.50

Units: mL

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\ICB\20150515-27425.b\ya51511157.d

Injection Date: 15-May-2015 11:57:00

Instrument ID: IC B

Operator ID: TestAmerica - Edison

Lims ID: 460-94855-B-5 MS

Worklist Smp#: 19

Client ID: PD09-CP-00-051415

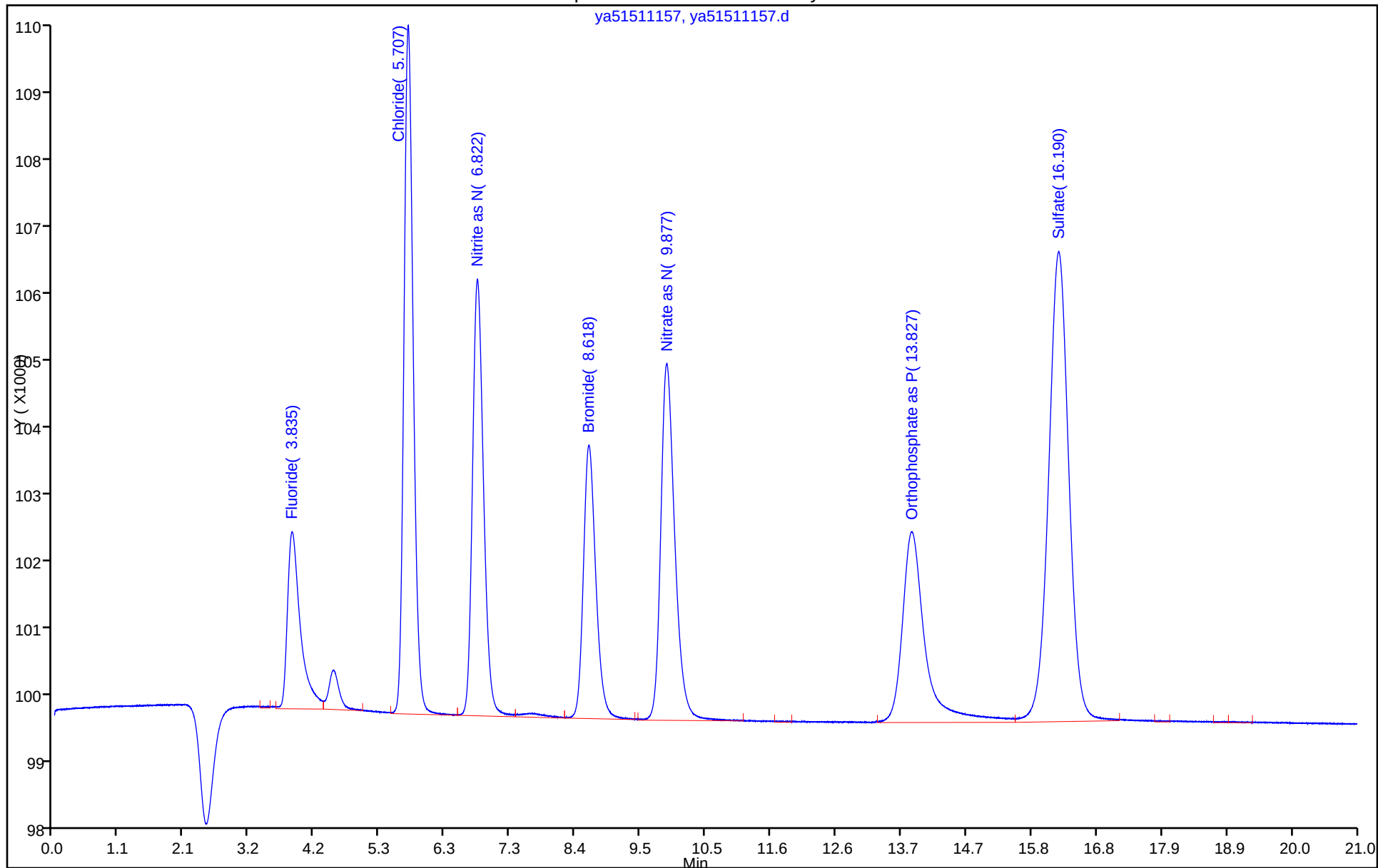
Injection Vol: 10.0 ul

Dil. Factor: 50.0000

ALS Bottle#: 0

Method: anions-icb

Limit Group: SV - Anions 28 days



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1
SDG No.: _____
Client Sample ID: PD09-CP-00-051415 MSD Lab Sample ID: 460-94855-5 MSD
Matrix: Water Lab File ID: ya5151222.d
Analysis Method: 300.0 Date Collected: 05/14/2015 07:20
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 10 (mL) Date Analyzed: 05/15/2015 12:22
Con. Extract Vol.: _____ Dilution Factor: 50
Injection Volume: 10 (uL) GC Column: _____ ID: _____
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 298769 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	418.2		30.0	5.25
16984-48-8	Fluoride	52.45		4.00	0.75
16887-00-6	Chloride	211.5		6.00	1.50

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\ICB\20150515-27425.b\ya5151222.d
 Lims ID: 460-94855-A-5 MSD
 Client ID: PD09-CP-00-051415
 Sample Type: MSD
 Inject. Date: 15-May-2015 12:22:00 ALS Bottle#: 0 Worklist Smp#: 20
 Injection Vol: 10.0 ul Dil. Factor: 50.0000
 Sample Info: 460-94855-B-5 MS
 Misc. Info.: 19
 Operator ID: TestAmerica - Edison Instrument ID: IC B
 Method: \\ChromNA\G2\Edison\ChromData\ICB\20150515-27425.b\anions-icb.m
 Limit Group: SV - Anions 28 days
 Last Update: 17-May-2015 18:44:53 Calib Date: 06-Apr-2015 16:43:00
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\g2\Edison\ChromData\ICB\20150406-25916.b\yb4061643.d

Column 1 : Det: GC IC0

Process Host: XAWRK015

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

7 Fluoride

3.838 3.842 -0.004 35917 0.0200 1.05

2 Chloride

5.710 5.713 -0.003 96900 0.0300 4.23

8 Nitrite as N

6.833 6.823 0.010 72829 NC NC

1 Bromide

8.633 8.615 0.018 52271 0.1000 5.24

3 Nitrate as N

9.892 9.875 0.017 76150 NC NC

9 Orthophosphate as P

13.830 13.842 -0.012 65948 NC NC

5 Sulfate

16.200 16.207 -0.007 144889 0.1500 8.36

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SGAnionsSS_00006

Amount Added: 0.50

Units: mL

TestAmerica Edison

Data File: \\ChromNAIG2\Edison\ChromData\ICB\20150515-27425.b\ya5151222.d

Injection Date: 15-May-2015 12:22:00

Instrument ID: IC B

Operator ID:

TestAmerica - Edison

Lims ID: 460-94855-A-5 MSD

Worklist Smp#:

20

Client ID: PD09-CP-00-051415

Injection Vol: 10.0 ul

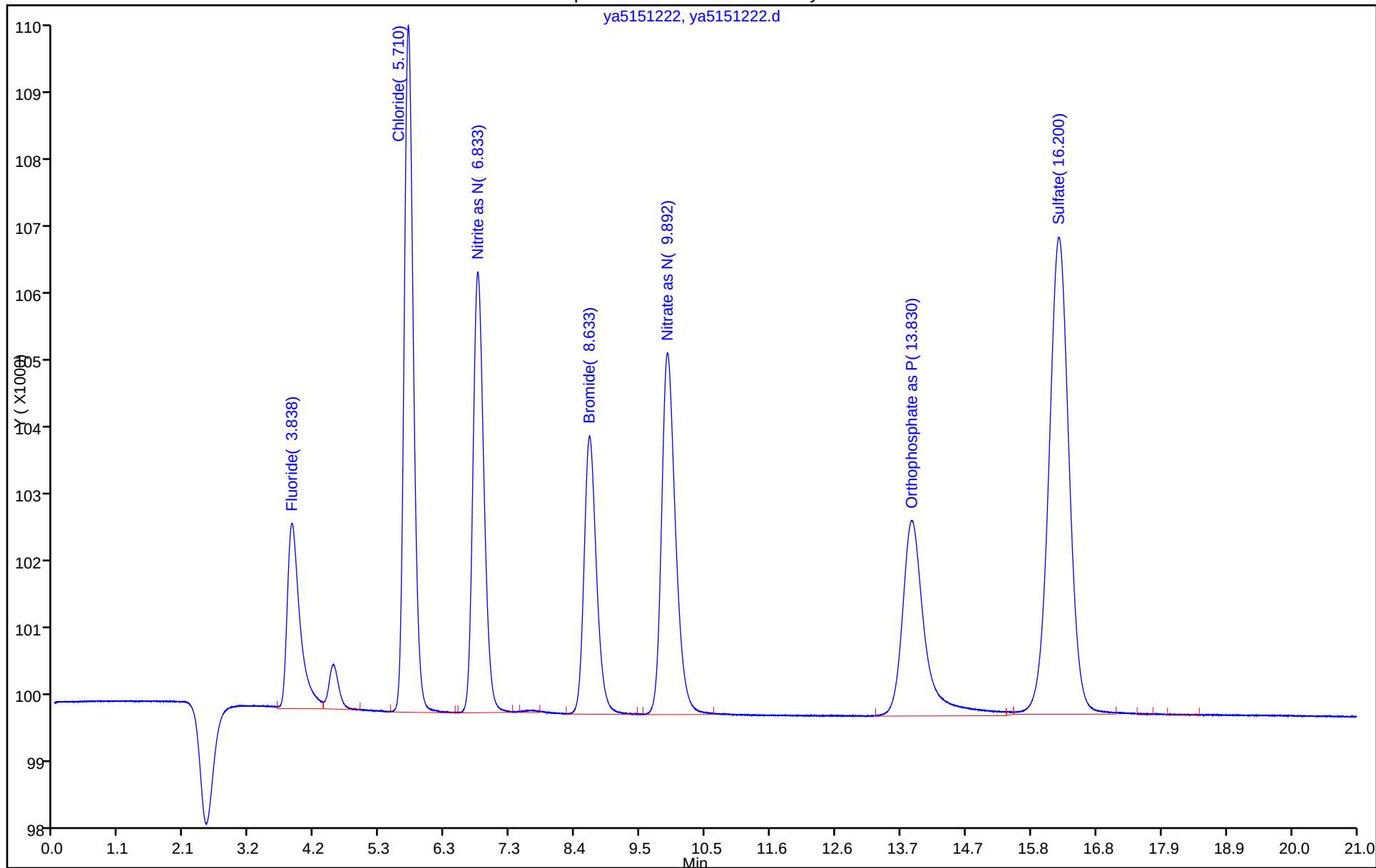
Dil. Factor: 50.0000

ALS Bottle#:

0

Method: anions-icb

Limit Group: SV - Anions 28 days



HPLC/IC ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Instrument ID: IC B Start Date: 04/06/2015 13:49Analysis Batch Number: 290624 End Date: 04/06/2015 18:31

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCB 460-290624/2		04/06/2015 13:49	1		
CCB 460-290624/3		04/06/2015 14:11	1		
IC 460-290624/4		04/06/2015 14:33	1		
IC 460-290624/5		04/06/2015 14:54	1	yb4061454.d	
IC 460-290624/6		04/06/2015 15:16	1	yb4061516.d	
IC 460-290624/7		04/06/2015 15:38	1	yb4061538.d	
IC 460-290624/8		04/06/2015 15:59	1	yb4061559.d	
IC 460-290624/9		04/06/2015 16:21	1	yb4061621.d	
IC 460-290624/10		04/06/2015 16:43	1	yb4061643.d	
ICV 460-290624/11		04/06/2015 18:31	1		

HPLC/IC ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Instrument ID: IC B Start Date: 05/15/2015 04:57Analysis Batch Number: 298769 End Date: 05/15/2015 12:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCB 460-298769/2		05/15/2015 04:57	1		
CCB 460-298769/3		05/15/2015 05:22	1		
CCV 460-298769/4		05/15/2015 05:47	1	yb5150547.d	
CCB 460-298769/5		05/15/2015 06:11	1	yb5150611.d	
ZZZZZ		05/15/2015 06:36	1		
MB 460-298769/7		05/15/2015 07:01	1	yb5150701.d	
LCS 460-298769/8		05/15/2015 07:25	1	yb5150725.d	
LCSD 460-298769/9		05/15/2015 07:50	1	yb5150750.d	
ZZZZZ		05/15/2015 08:15	1		
460-94855-5	PD09-CP-00-051415	05/15/2015 08:39	1	yb5150839.d	
460-94855-6	PD09-CP-01-051415	05/15/2015 09:04	1	yb5150904.d	
ZZZZZ		05/15/2015 09:29	50		
460-94855-5 DL	PD09-CP-00-051415 DL	05/15/2015 09:54	50	yb5150954.d	
460-94855-6 DL	PD09-CP-01-051415 DL	05/15/2015 10:18	50	yb5151018.d	
CCV 460-298769/16		05/15/2015 10:43	1	yb5151043.d	
CCB 460-298769/17		05/15/2015 11:08	1	yb5151108.d	
460-94855-5 MD	PD09-CP-00-051415 MD	05/15/2015 11:32	50	ya5151132.d	
460-94855-5 MS	PD09-CP-00-051415 MS	05/15/2015 11:57	50	ya51511157.d	
460-94855-5 MSD	PD09-CP-00-051415 MSD	05/15/2015 12:22	50	ya5151222.d	
CCV 460-298769/21		05/15/2015 12:47	1	ya5151247.d	

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Edison Job Number: 460-94855-1

SDG No.: _____

Project: DEC Claremont Polychemical- SiteNo130015

Client Sample ID	Lab Sample ID
<u>EX1-CP-00-051415</u>	<u>460-94855-1</u>
<u>EX1-CP-01-051415</u>	<u>460-94855-2</u>
<u>EX2-CP-00-051415</u>	<u>460-94855-3</u>
<u>EX3-CP-00-051415</u>	<u>460-94855-4</u>
<u>PD09-CP-00-051415</u>	<u>460-94855-5</u>
<u>PW02-CP-00-051415</u>	<u>460-94855-7</u>
<u>PW07B-CP-00-051415</u>	<u>460-94855-10</u>

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: EX1-CP-00-051415

Lab Sample ID: 460-94855-1

Lab Name: TestAmerica Edison

Job No.: 460-94855-1

SDG ID.:

Matrix: Water

Date Sampled: 05/13/2015 08:35

Reporting Basis: WET

Date Received: 05/14/2015 17:20

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	15.0	15.0	4.4	ug/L	U		1	6010C
7440-39-3	Barium	89.3	200	5.5	ug/L	J		1	6010C
7440-43-9	Cadmium	4.0	4.0	2.3	ug/L	U		1	6010C
7440-47-3	Chromium	10.0	10.0	4.5	ug/L	U		1	6010C
7439-89-6	Iron	1630	150	65.4	ug/L			1	6010C
7439-96-5	Manganese	423	15.0	4.9	ug/L			1	6010C
7439-92-1	Lead	10.0	10.0	4.2	ug/L	U		1	6010C
7440-36-0	Antimony	20.0	20.0	4.7	ug/L	U		1	6010C
7782-49-2	Selenium	20.0	20.0	6.8	ug/L	U		1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: EX1-CP-01-051415

Lab Sample ID: 460-94855-2

Lab Name: TestAmerica Edison

Job No.: 460-94855-1

SDG ID.:

Matrix: Water

Date Sampled: 05/13/2015 08:40

Reporting Basis: WET

Date Received: 05/14/2015 17:20

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	15.0	15.0	4.4	ug/L	U		1	6010C
7440-39-3	Barium	90.1	200	5.5	ug/L	J		1	6010C
7440-43-9	Cadmium	4.0	4.0	2.3	ug/L	U		1	6010C
7440-47-3	Chromium	10.0	10.0	4.5	ug/L	U		1	6010C
7439-89-6	Iron	1410	150	65.4	ug/L			1	6010C
7439-96-5	Manganese	427	15.0	4.9	ug/L			1	6010C
7439-92-1	Lead	10.0	10.0	4.2	ug/L	U		1	6010C
7440-36-0	Antimony	20.0	20.0	4.7	ug/L	U		1	6010C
7782-49-2	Selenium	20.0	20.0	6.8	ug/L	U		1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: EX2-CP-00-051415

Lab Sample ID: 460-94855-3

Lab Name: TestAmerica Edison

Job No.: 460-94855-1

SDG ID.:

Matrix: Water

Date Sampled: 05/13/2015 10:05

Reporting Basis: WET

Date Received: 05/14/2015 17:20

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	15.0	15.0	4.4	ug/L	U		1	6010C
7440-39-3	Barium	66.9	200	5.5	ug/L	J		1	6010C
7440-43-9	Cadmium	4.0	4.0	2.3	ug/L	U		1	6010C
7440-47-3	Chromium	10.0	10.0	4.5	ug/L	U		1	6010C
7439-89-6	Iron	366	150	65.4	ug/L			1	6010C
7439-96-5	Manganese	140	15.0	4.9	ug/L			1	6010C
7439-92-1	Lead	10.0	10.0	4.2	ug/L	U		1	6010C
7440-36-0	Antimony	20.0	20.0	4.7	ug/L	U		1	6010C
7782-49-2	Selenium	7.1	20.0	6.8	ug/L	J		1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: EX3-CP-00-051415

Lab Sample ID: 460-94855-4

Lab Name: TestAmerica Edison

Job No.: 460-94855-1

SDG ID.:

Matrix: Water

Date Sampled: 05/13/2015 11:10

Reporting Basis: WET

Date Received: 05/14/2015 17:20

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	15.0	15.0	4.4	ug/L	U		1	6010C
7440-39-3	Barium	89.6	200	5.5	ug/L	J		1	6010C
7440-43-9	Cadmium	4.0	4.0	2.3	ug/L	U		1	6010C
7440-47-3	Chromium	10.0	10.0	4.5	ug/L	U		1	6010C
7439-89-6	Iron	1460	150	65.4	ug/L			1	6010C
7439-96-5	Manganese	218	15.0	4.9	ug/L			1	6010C
7439-92-1	Lead	15.5	10.0	4.2	ug/L			1	6010C
7440-36-0	Antimony	20.0	20.0	4.7	ug/L	U		1	6010C
7782-49-2	Selenium	20.0	20.0	6.8	ug/L	U		1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: PD09-CP-00-051415

Lab Sample ID: 460-94855-5

Lab Name: TestAmerica Edison

Job No.: 460-94855-1

SDG ID.:

Matrix: Water

Date Sampled: 05/14/2015 07:20

Reporting Basis: WET

Date Received: 05/14/2015 17:20

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	15.0	15.0	4.4	ug/L	U		1	6010C
7440-39-3	Barium	84.3	200	5.5	ug/L	J		1	6010C
7440-43-9	Cadmium	4.0	4.0	2.3	ug/L	U		1	6010C
7440-47-3	Chromium	10.0	10.0	4.5	ug/L	U		1	6010C
7439-89-6	Iron	150	150	65.4	ug/L	U		1	6010C
7439-96-5	Manganese	151	15.0	4.9	ug/L			1	6010C
7439-92-1	Lead	10.0	10.0	4.2	ug/L	U		1	6010C
7440-36-0	Antimony	20.0	20.0	4.7	ug/L	U		1	6010C
7782-49-2	Selenium	20.0	20.0	6.8	ug/L	U		1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: PW02-CP-00-051415

Lab Sample ID: 460-94855-7

Lab Name: TestAmerica Edison

Job No.: 460-94855-1

SDG ID.:

Matrix: Water

Date Sampled: 05/14/2015 06:45

Reporting Basis: WET

Date Received: 05/14/2015 17:20

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	15.0	15.0	4.4	ug/L	U		1	6010C
7440-39-3	Barium	86.4	200	5.5	ug/L	J		1	6010C
7440-43-9	Cadmium	4.0	4.0	2.3	ug/L	U		1	6010C
7440-47-3	Chromium	10.0	10.0	4.5	ug/L	U		1	6010C
7439-89-6	Iron	293	150	65.4	ug/L			1	6010C
7439-96-5	Manganese	263	15.0	4.9	ug/L			1	6010C
7439-92-1	Lead	10.0	10.0	4.2	ug/L	U		1	6010C
7440-36-0	Antimony	20.0	20.0	4.7	ug/L	U		1	6010C
7782-49-2	Selenium	20.0	20.0	6.8	ug/L	U		1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: PW07B-CP-00-051415

Lab Sample ID: 460-94855-10

Lab Name: TestAmerica Edison

Job No.: 460-94855-1

SDG ID.:

Matrix: Water

Date Sampled: 05/14/2015 07:00

Reporting Basis: WET

Date Received: 05/14/2015 17:20

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	15.0	15.0	4.4	ug/L	U		1	6010C
7440-39-3	Barium	83.5	200	5.5	ug/L	J		1	6010C
7440-43-9	Cadmium	4.0	4.0	2.3	ug/L	U		1	6010C
7440-47-3	Chromium	10.0	10.0	4.5	ug/L	U		1	6010C
7439-89-6	Iron	150	150	65.4	ug/L	U		1	6010C
7439-96-5	Manganese	155	15.0	4.9	ug/L			1	6010C
7439-92-1	Lead	10.0	10.0	4.2	ug/L	U		1	6010C
7440-36-0	Antimony	20.0	20.0	4.7	ug/L	U		1	6010C
7782-49-2	Selenium	20.0	20.0	6.8	ug/L	U		1	6010C

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

ICV Source: ME_CCv_DUO_00138 Concentration Units: ug/L

CCV Source: ME_CCv_DUO_00138

Analyte	ICV 460-300654/7 05/23/2015 11:16				CCV 460-300654/150 05/23/2015 20:14				CCV 460-300654/163 05/23/2015 21:03			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Antimony	1032		1000	103	991.7		1000	99	996.8		1000	100
Arsenic	2587		2500	103	2486		2500	99	2502		2500	100
Barium	10510		10000	105	9914		10000	99	10070		10000	101
Cadmium	1310		1250	105	1235		1250	99	1250		1250	100
Chromium	5274		5000	105	4887		5000	98	4966		5000	99
Iron	105900		100000	106	98100		100000	98	100000		100000	100
Lead	7891		7500	105	7448		7500	99	7525		7500	100
Manganese	5315		5000	106	4927		5000	99	5031		5000	101
Selenium	2574		2500	103	2481		2500	99	2488		2500	100

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

ICV Source: ME_CCV_DUO_00138 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00138

Analyte	CCV 460-300654/169 05/23/2015 21:26											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Antimony	976.6		1000	98								
Arsenic	2466		2500	99								
Barium	9933		10000	99								
Cadmium	1236		1250	99								
Chromium	4908		5000	98								
Iron	98810		100000	99								
Lead	7461		7500	99								
Manganese	4978		5000	100								
Selenium	2439		2500	98								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

ICV Source: ME_Call_6010C_00036 Concentration Units: ug/L

CCV Source: ME_Call_6010C_00036

Analyte	ICVL 460-300654/9 05/23/2015 11:23				CCVL 460-300654/152 05/23/2015 20:22				CCVL 460-300654/165 05/23/2015 21:10			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Antimony	18.74	J	20.0	94	18.76	J	20.0	94	18.56	J	20.0	93
Arsenic	17.72		15.0	118	15.81		15.0	105	15.76		15.0	105
Barium	214.6		200	107	204.1		200	102	204.7		200	102
Cadmium	4.52		4.00	113	3.99	J	4.00	100	4.25		4.00	106
Chromium	10.50		10.0	105	9.74	J	10.0	97	10.04		10.0	100
Iron	191.5		150	128	185.7		150	124	187.0		150	125
Lead	12.47		10.0	125	9.86	J	10.0	99	10.08		10.0	101
Manganese	16.30		15.0	109	15.53		15.0	104	15.81		15.0	105
Selenium	19.93	J	20.0	100	23.23		20.0	116	23.60		20.0	118

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

ICV Source: ME_Call_6010C_00036 Concentration Units: ug/L

CCV Source: ME_Call_6010C_00036

Analyte	CCVL 460-300654/171 05/23/2015 21:33											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Antimony	17.84	J	20.0	89								
Arsenic	16.33		15.0	109								
Barium	202.9		200	101								
Cadmium	4.19		4.00	105								
Chromium	9.59	J	10.0	96								
Iron	179.3		150	120								
Lead	10.73		10.0	107								
Manganese	15.48		15.0	103								
Selenium	22.80		20.0	114								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	ICB 460-300654/8 05/23/2015 11:20		CCB 460-300654/151 05/23/2015 20:18		CCB 460-300654/164 05/23/2015 21:06		CCB 460-300654/170 05/23/2015 21:29	
		Found	C	Found	C	Found	C	Found	C
Antimony	20.0	20.0	U	20.0	U	20.0	U	20.0	U
Arsenic	15.0	15.0	U	15.0	U	15.0	U	15.0	U
Barium	200	200	U	200	U	200	U	200	U
Cadmium	4.0	4.0	U	4.0	U	4.0	U	4.0	U
Chromium	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Iron	150	150	U	150	U	150	U	150	U
Lead	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Manganese	15.0	15.0	U	15.0	U	15.0	U	15.0	U
Selenium	20.0	20.0	U	20.0	U	20.0	U	20.0	U

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Concentration Units: ug/L Lab Sample ID: MB 460-300521/1-A

Instrument Code: ICP5 Batch No.: 300654

CAS No.	Analyte	Concentration	C	Q	Method
7440-38-2	Arsenic	15.0	U		6010C
7440-39-3	Barium	200	U		6010C
7440-43-9	Cadmium	4.0	U		6010C
7440-47-3	Chromium	10.0	U		6010C
7439-89-6	Iron	150	U		6010C
7439-96-5	Manganese	15.0	U		6010C
7439-92-1	Lead	10.0	U		6010C
7440-36-0	Antimony	20.0	U		6010C
7782-49-2	Selenium	20.0	U		6010C

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Lab Sample ID: ICSA 460-300654/10 Instrument ID: ICP5
 Lab File ID: 05232015.asc ICS Source: ME_ICSA_Duo_00063
 Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Antimony		-10.4	
Arsenic		-1.96	
Barium		-5.60	
Cadmium		0.539	
Chromium		-3.13	
Iron	200000	204700	102
Lead		-3.48	
Manganese		-1.08	
Selenium		-0.577	
<i>Aluminum</i>	<i>500000</i>	<i>531500</i>	<i>106</i>
<i>Beryllium</i>		<i>-0.0444</i>	
<i>Boron</i>		<i>-0.174</i>	
<i>Calcium</i>	<i>500000</i>	<i>526300</i>	<i>105</i>
<i>Cobalt</i>		<i>-2.57</i>	
<i>Copper</i>		<i>-2.84</i>	
<i>Magnesium</i>	<i>500000</i>	<i>538300</i>	<i>108</i>
<i>Molybdenum</i>		<i>0.608</i>	
<i>Nickel</i>		<i>4.37</i>	
<i>Potassium</i>		<i>-65.3</i>	
<i>Silver</i>		<i>-1.50</i>	
<i>Sodium</i>		<i>-34.2</i>	
<i>Strontium</i>		<i>1.11</i>	
<i>Thallium</i>		<i>-2.57</i>	
<i>Tin</i>		<i>0.434</i>	
<i>Titanium</i>		<i>-0.804</i>	
<i>Vanadium</i>		<i>-3.74</i>	
<i>Zinc</i>		<i>-0.481</i>	

Calculations are performed before rounding to avoid round-off errors in calculated results.

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 Lab Sample ID: ICSAB 460-300654/11 Instrument ID: ICP5
 Lab File ID: 05232015.asc ICS Source: ME_ICSAB_DUO_00075
 Concentration Units: ug/L

Analyte	True	Found	
	Solution AB	Solution AB	Percent Recovery
Antimony	100	87.8	88
Arsenic	100	97.8	98
Barium	100	97.4	97
Cadmium	100	96.5	97
Chromium	100	98.6	99
Iron	200000	196800	98
Lead	100	95.3	95
Manganese	100	103	103
Selenium	100	88.4	88
<i>Aluminum</i>	<i>500000</i>	<i>508400</i>	<i>102</i>
<i>Beryllium</i>	<i>100</i>	<i>101</i>	<i>101</i>
<i>Boron</i>	<i>100</i>	<i>99.6</i>	<i>100</i>
<i>Calcium</i>	<i>500000</i>	<i>504700</i>	<i>101</i>
<i>Cobalt</i>	<i>100</i>	<i>94.5</i>	<i>95</i>
<i>Copper</i>	<i>100</i>	<i>104</i>	<i>104</i>
<i>Magnesium</i>	<i>500000</i>	<i>522000</i>	<i>104</i>
<i>Molybdenum</i>	<i>100</i>	<i>96.4</i>	<i>96</i>
<i>Nickel</i>	<i>100</i>	<i>99.7</i>	<i>100</i>
<i>Potassium</i>	<i>10000</i>	<i>10340</i>	<i>103</i>
<i>Silver</i>	<i>100</i>	<i>105</i>	<i>105</i>
<i>Sodium</i>	<i>10000</i>	<i>10480</i>	<i>105</i>
<i>Strontium</i>	<i>100</i>	<i>105</i>	<i>105</i>
<i>Thallium</i>	<i>100</i>	<i>96.2</i>	<i>96</i>
<i>Tin</i>	<i>100</i>	<i>100</i>	<i>100</i>
<i>Titanium</i>	<i>100</i>	<i>105</i>	<i>105</i>
<i>Vanadium</i>	<i>100</i>	<i>99.6</i>	<i>100</i>
<i>Zinc</i>	<i>100</i>	<i>97.0</i>	<i>97</i>

Calculations are performed before rounding to avoid round-off errors in calculated results.

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: EX1-CP-00-051415 MS

Lab ID: 460-94855-1 MS

Lab Name: TestAmerica Edison

Job No.: 460-94855-1

SDG No.: _____

Matrix: Water

Concentration Units: ug/L

% Solids: _____

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Arsenic	2086	15.0 U	2000	104	75-125		6010C
Barium	2192	89.3 J	2000	105	75-125		6010C
Cadmium	52.98	4.0 U	50.0	106	75-125		6010C
Chromium	215.5	10.0 U	200	108	75-125		6010C
Iron	2663	1630	1000	103	75-125		6010C
Manganese	941.9	423	500	104	75-125		6010C
Lead	538.4	10.0 U	500	108	75-125		6010C
Antimony	491.0	20.0 U	500	98	75-125		6010C
Selenium	2075	20.0 U	2000	104	75-125		6010C

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: EX1-CP-00-051415 PDS

Lab ID: 460-94855-1 PDS

Lab Name: TestAmerica Edison

Job No.: 460-94855-1

SDG No.: _____

Matrix: Water

Concentration Units: ug/L

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Arsenic	1982	15.0 U	2000	99	80-120		6010C
Barium	2107	89.3 J	2000	101	80-120		6010C
Cadmium	51.21	4.0 U	50.0	102	80-120		6010C
Chromium	207.2	10.0 U	200	104	80-120		6010C
Iron	2635	1630	1000	100	80-120		6010C
Manganese	924.5	423	500	100	80-120		6010C
Lead	517.6	10.0 U	500	104	80-120		6010C
Antimony	463.5	20.0 U	500	93	80-120		6010C
Selenium	1991	20.0 U	2000	100	80-120		6010C

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

6-IN
DUPLICATES
METALS

Client ID: EX1-CP-00-051415 DU Lab ID: 460-94855-1 DU
 Lab Name: TestAmerica Edison Job No.: 460-94855-1
 SDG No.: _____
 % Solids for Sample: _____ % Solids for Duplicate: _____
 Matrix: Water Concentration Units: ug/L

Analyte	Control Limit	Sample (S) C	Duplicate (D) C	RPD	Q	Method
Arsenic	15.0	15.0 U	15.0 U	NC		6010C
Barium	200	89.3 J	87.06 J	3		6010C
Cadmium	4.0	4.0 U	4.0 U	NC		6010C
Chromium	10.0	10.0 U	10.0 U	NC		6010C
Iron	150	1630	1592	3		6010C
Manganese	15.0	423	412.7	2		6010C
Lead	10.0	10.0 U	10.0 U	NC		6010C
Antimony	20.0	20.0 U	20.0 U	NC		6010C
Selenium	20.0	20.0 U	20.0 U	NC		6010C

Calculations are performed before rounding to avoid round-off errors in calculated results.

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-300521/2-A

Lab Name: TestAmerica Edison

Job No.: 460-94855-1

Sample Matrix: Water

LCS Source: ME_LCS-int_00052

Analyte	Water (ug/L)							
	True	Found	C	%R	Limits		Q	Method
Arsenic	2000	2087		104	80	120		6010C
Barium	2000	2173		109	80	120		6010C
Cadmium	50.0	54.71		109	80	120		6010C
Chromium	200	222.5		111	80	120		6010C
Iron	1000	1105		111	80	120		6010C
Manganese	500	549.4		110	80	120		6010C
Lead	500	563.4		113	80	120		6010C
Antimony	500	498.9		100	80	120		6010C
Selenium	2000	2104		105	80	120		6010C

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-94855-1

SDG No:

Lab Name: TestAmerica Edison

Job No: 460-94855-1

Matrix: Water

Concentration Units: ug/L

Analyte	Initial Sample Result (I) C		Serial Dilution Result (S) C		% Difference	Q	Method
Arsenic	15.0	U	75.0	U	NC		6010C
Barium	89.3	J	89.25	J	NC		6010C
Cadmium	4.0	U	20.0	U	NC		6010C
Chromium	10.0	U	50.0	U	NC		6010C
Iron	1630		1716		NC		6010C
Manganese	423		436.3		3.2		6010C
Lead	10.0	U	50.0	U	NC		6010C
Antimony	20.0	U	100	U	NC		6010C
Selenium	20.0	U	100	U	NC		6010C

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison

Job Number: 460-94855-1

SDG Number: _____

Matrix: Water

Instrument ID: ICP5

Method: 6010C

MDL Date: 05/05/2015 12:16

Prep Method: 3010A

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Antimony		20	4.7
Arsenic		15	4.41
Barium		200	5.49
Cadmium		4	2.32
Chromium		10	4.5
Iron		150	65.4
Lead		10	4.16
Manganese		15	4.88
Selenium		20	6.76

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-94855-1
SDG Number: _____
Matrix: Water Instrument ID: ICP5
Method: 6010C XMDL Date: 05/05/2015 12:19

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Antimony		20	4.7
Arsenic		15	4.41
Barium		200	5.49
Cadmium		4	2.32
Chromium		10	4.5
Iron		150	65.4
Lead		10	4.16
Manganese		15	4.88
Selenium		20	6.76

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison

Job No.: 460-94855-1

SDG No.: _____

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-300521/1-A	05/22/2015 19:27	300521		100	100
LCS 460-300521/2-A	05/22/2015 19:27	300521		100	100
460-94855-1	05/22/2015 19:27	300521		100	100
460-94855-1 DU	05/22/2015 19:27	300521		100	100
460-94855-1 MS	05/22/2015 19:27	300521		100	100
460-94855-2	05/22/2015 19:27	300521		100	100
460-94855-3	05/22/2015 19:27	300521		100	100
460-94855-4	05/22/2015 19:27	300521		100	100
460-94855-5	05/22/2015 19:27	300521		100	100
460-94855-7	05/22/2015 19:27	300521		100	100
460-94855-10	05/22/2015 19:27	300521		100	100

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010C

Start Date: 05/23/2015 10:53 End Date: 05/23/2015 21:33

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				A s	B a	C d	C r	F e	M n	P b	S b	S e									
ICIS 460-300654/1	1		10:53	X	X	X	X	X	X	X	X	X									
ZZZZZZ			10:57																		
ZZZZZZ			11:01																		
ZZZZZZ			11:05																		
ZZZZZZ			11:08																		
ZZZZZZ			11:12																		
ICV 460-300654/7	1		11:16	X	X	X	X	X	X	X	X	X									
ICB 460-300654/8	1		11:20	X	X	X	X	X	X	X	X	X									
ICVL 460-300654/9	1		11:23	X	X	X	X	X	X	X	X	X									
ICSA 460-300654/10	1		11:27	X	X	X	X	X	X	X	X	X									
ICSAB 460-300654/11	1		11:31	X	X	X	X	X	X	X	X	X									
ZZZZZZ			11:35																		
ZZZZZZ			11:39																		
ZZZZZZ			11:43																		
ZZZZZZ			11:47																		
ZZZZZZ			11:51																		
ZZZZZZ			11:54																		
ZZZZZZ			11:58																		
ZZZZZZ			12:02																		
CCV 460-300654/20			12:05																		
CCB 460-300654/21			12:09																		
CCVL 460-300654/22			12:13																		
ZZZZZZ			12:17																		
ZZZZZZ			12:20																		
ZZZZZZ			12:24																		
ZZZZZZ			12:28																		
ZZZZZZ			12:32																		
ZZZZZZ			12:35																		
ZZZZZZ			12:39																		
ZZZZZZ			12:43																		
ZZZZZZ			12:47																		
ZZZZZZ			12:50																		
CCV 460-300654/33			12:54																		
CCB 460-300654/34			12:58																		
CCVL 460-300654/35			13:01																		
ZZZZZZ			13:05																		
ZZZZZZ			13:09																		
ZZZZZZ			13:13																		
ZZZZZZ			13:17																		
ZZZZZZ			13:20																		
ZZZZZZ			13:24																		
ZZZZZZ			13:28																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010C

Start Date: 05/23/2015 10:53 End Date: 05/23/2015 21:33

Lab Sample ID	D / F	T y p e	Time	Analytes															
				A s	B a	C d	C r	F e	M n	P b	S b	S e							
ZZZZZZ			13:32																
ZZZZZZ			13:35																
ZZZZZZ			13:39																
CCV 460-300654/46			13:43																
CCB 460-300654/47			13:46																
CCVL 460-300654/48			13:50																
ZZZZZZ			13:54																
ZZZZZZ			13:58																
ZZZZZZ			14:02																
ZZZZZZ			14:05																
ZZZZZZ			14:09																
ZZZZZZ			14:13																
ZZZZZZ			14:16																
ZZZZZZ			14:20																
ZZZZZZ			14:24																
ZZZZZZ			14:28																
CCV 460-300654/59			14:32																
CCB 460-300654/60			14:35																
CCVL 460-300654/61			14:39																
ZZZZZZ			14:43																
ZZZZZZ			14:47																
ZZZZZZ			14:50																
ZZZZZZ			14:54																
ZZZZZZ			14:58																
ZZZZZZ			15:02																
ZZZZZZ			15:05																
ZZZZZZ			15:09																
ZZZZZZ			15:13																
ZZZZZZ			15:16																
CCV 460-300654/72			15:20																
CCB 460-300654/73			15:24																
CCVL 460-300654/74			15:28																
ZZZZZZ			15:31																
ZZZZZZ			15:35																
ZZZZZZ			15:39																
ZZZZZZ			15:43																
ZZZZZZ			15:46																
ZZZZZZ			15:50																
ZZZZZZ			15:54																
ZZZZZZ			15:58																
ZZZZZZ			16:01																
ZZZZZZ			16:05																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010C

Start Date: 05/23/2015 10:53 End Date: 05/23/2015 21:33

Lab Sample ID	D / F	T y p e	Time	Analytes															
				A s	B a	C d	C r	F e	M n	P b	S b	S e							
CCV 460-300654/85			16:09																
CCB 460-300654/86			16:13																
CCVL 460-300654/87			16:16																
ZZZZZZ			16:20																
ZZZZZZ			16:24																
ZZZZZZ			16:28																
ZZZZZZ			16:32																
ZZZZZZ			16:36																
ZZZZZZ			16:39																
ZZZZZZ			16:43																
ZZZZZZ			16:47																
ZZZZZZ			16:50																
ZZZZZZ			16:54																
CCV 460-300654/98			16:58																
CCB 460-300654/99			17:01																
CCVL 460-300654/100			17:05																
ZZZZZZ			17:09																
ZZZZZZ			17:13																
ZZZZZZ			17:17																
ZZZZZZ			17:21																
ZZZZZZ			17:25																
ZZZZZZ			17:28																
ZZZZZZ			17:32																
ZZZZZZ			17:36																
ZZZZZZ			17:40																
ZZZZZZ			17:44																
CCV 460-300654/111			17:48																
CCB 460-300654/112			17:51																
CCVL 460-300654/113			17:55																
ZZZZZZ			17:59																
ZZZZZZ			18:03																
ZZZZZZ			18:07																
ZZZZZZ			18:11																
ZZZZZZ			18:14																
ZZZZZZ			18:18																
ZZZZZZ			18:22																
ZZZZZZ			18:26																
ZZZZZZ			18:29																
ZZZZZZ			18:33																
CCV 460-300654/124			18:36																
CCB 460-300654/125			18:40																
CCVL 460-300654/126			18:44																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010C

Start Date: 05/23/2015 10:53 End Date: 05/23/2015 21:33

Lab Sample ID	D / F	T y p e	Time	Analytes																
				A s	B a	C d	C r	F e	M n	P b	S b	S e								
ZZZZZZ			18:48																	
ZZZZZZ			18:52																	
ZZZZZZ			18:55																	
ZZZZZZ			18:59																	
ZZZZZZ			19:03																	
ZZZZZZ			19:07																	
ZZZZZZ			19:10																	
ZZZZZZ			19:14																	
ZZZZZZ			19:18																	
ZZZZZZ			19:22																	
CCV 460-300654/137			19:25																	
CCB 460-300654/138			19:29																	
CCVL 460-300654/139			19:33																	
ZZZZZZ			19:37																	
ZZZZZZ			19:41																	
ZZZZZZ			19:44																	
ZZZZZZ			19:48																	
ZZZZZZ			19:52																	
ZZZZZZ			19:55																	
ZZZZZZ			19:59																	
ZZZZZZ			20:03																	
ZZZZZZ			20:07																	
ZZZZZZ			20:10																	
CCV 460-300654/150	1		20:14	X	X	X	X	X	X	X	X	X								
CCB 460-300654/151	1		20:18	X	X	X	X	X	X	X	X	X								
CCVL 460-300654/152	1		20:22	X	X	X	X	X	X	X	X	X								
MB 460-300521/1-A	1	T	20:25	X	X	X	X	X	X	X	X	X								
LCS 460-300521/2-A	1	T	20:29	X	X	X	X	X	X	X	X	X								
460-94855-1 DU	1	T	20:33	X	X	X	X	X	X	X	X	X								
460-94855-1	1	T	20:37	X	X	X	X	X	X	X	X	X								
460-94855-1 SD	5	T	20:40	X	X	X	X	X	X	X	X	X								
460-94855-1 MS	1	T	20:44	X	X	X	X	X	X	X	X	X								
460-94855-1 PDS	1	T	20:48	X	X	X	X	X	X	X	X	X								
460-94855-2	1	T	20:51	X	X	X	X	X	X	X	X	X								
460-94855-3	1	T	20:55	X	X	X	X	X	X	X	X	X								
460-94855-4	1	T	20:59	X	X	X	X	X	X	X	X	X								
CCV 460-300654/163	1		21:03	X	X	X	X	X	X	X	X	X								
CCB 460-300654/164	1		21:06	X	X	X	X	X	X	X	X	X								
CCVL 460-300654/165	1		21:10	X	X	X	X	X	X	X	X	X								
460-94855-5	1	T	21:14	X	X	X	X	X	X	X	X	X								
460-94855-7	1	T	21:18	X	X	X	X	X	X	X	X	X								
460-94855-10	1	T	21:22	X	X	X	X	X	X	X	X	X								

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

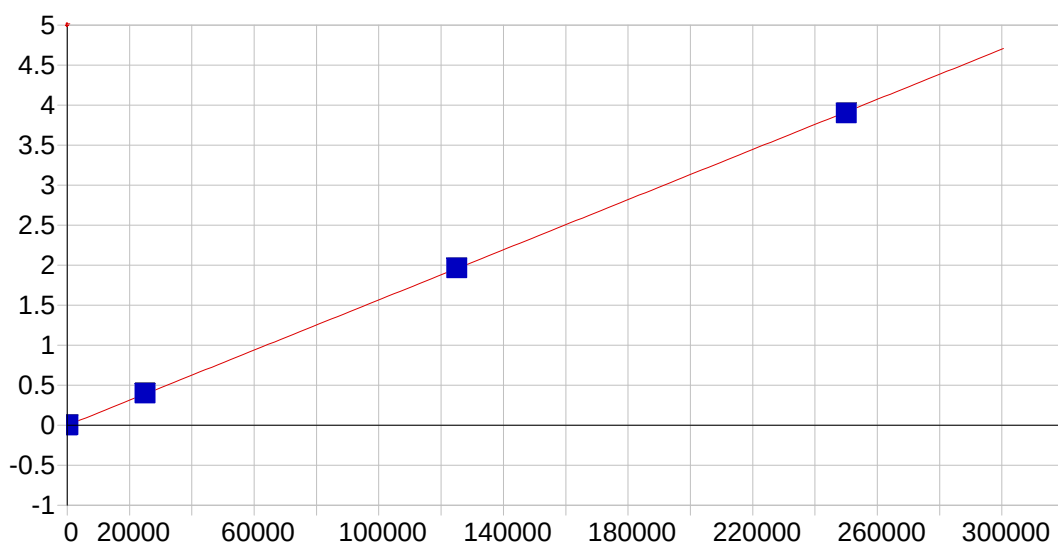
Instrument ID: ICP5 Method: 6010C

Start Date: 05/23/2015 10:53 End Date: 05/23/2015 21:33

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				A s	B a	C d	C r	F e	M n	P b	S b	S e									
CCV 460-300654/169	1		21:26	X	X	X	X	X	X	X	X	X									
CCB 460-300654/170	1		21:29	X	X	X	X	X	X	X	X	X									
CCVL 460-300654/171	1		21:33	X	X	X	X	X	X	X	X	X									

Prep Types

T = Total/NA

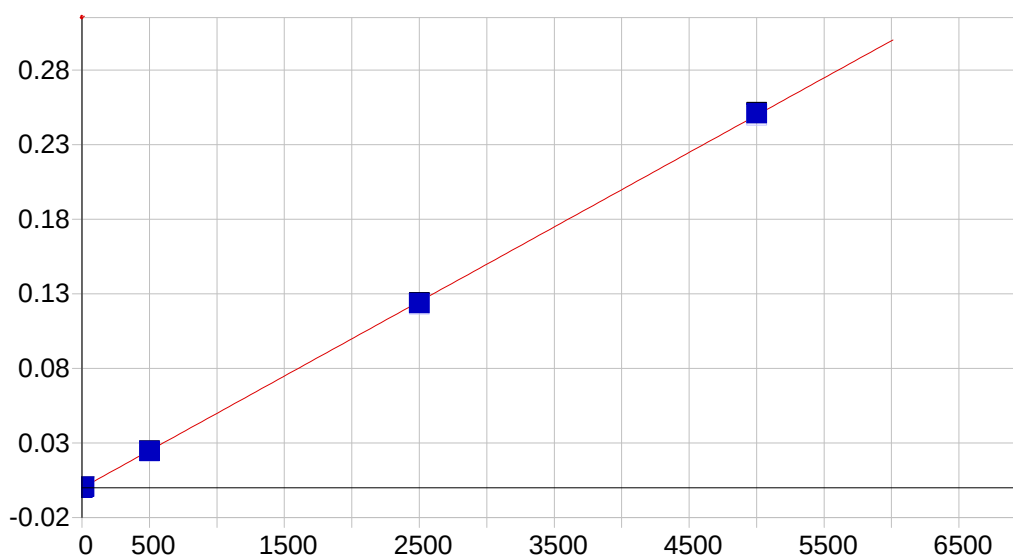


AI 396.152 { 85}

Date of Fit: 5/23/2015 11:16:21 Type of Fit: Linear Weighting: 1/Conc

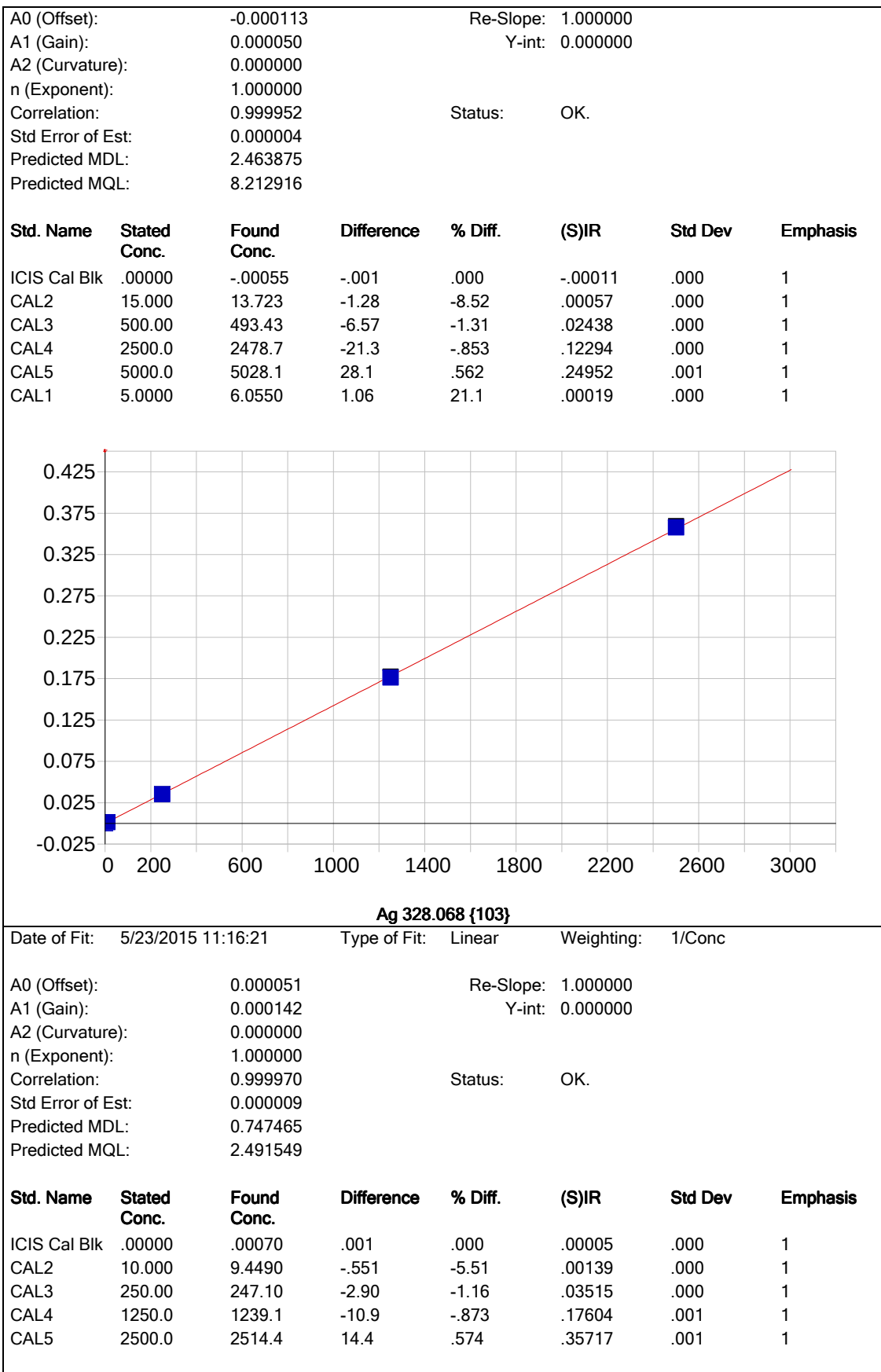
A0 (Offset): -0.000817 Re-Slope: 1.000000
 A1 (Gain): 0.000016 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976 Status: OK.
 Std Error of Est: 0.000039
 Predicted MDL: 14.392076
 Predicted MQL: 47.973587

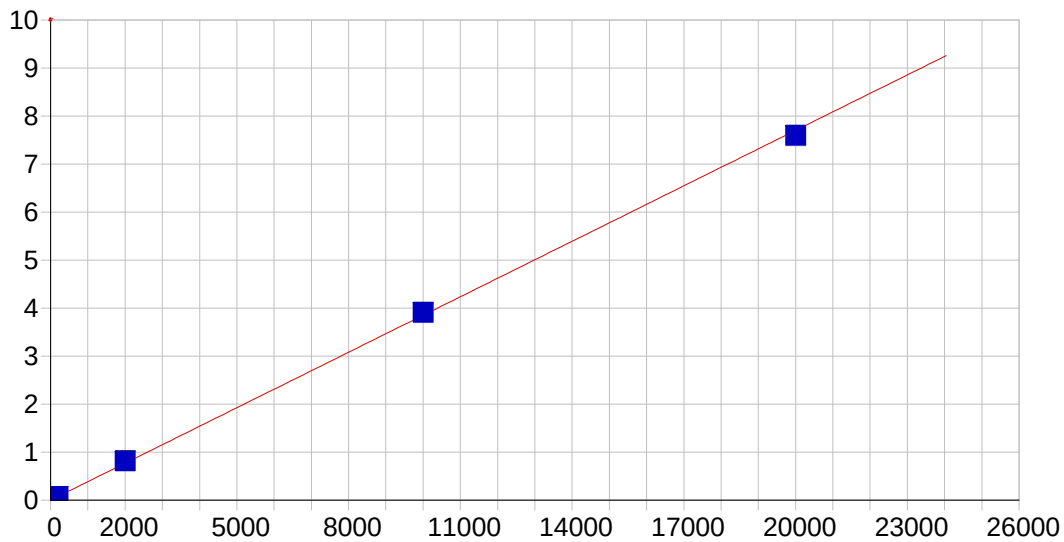
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
ICIS Cal Blk	.00000	-.02386	-.024	.000	-.00082	.000	1
CAL2	200.00	219.73	19.7	9.87	.00264	.000	1
CAL3	25000.	25521.	521.	2.09	.39929	.002	1
CAL4	125000.	125480.	481.	.385	1.9664	.003	1
CAL5	250000.	248980.	-1020.	-.409	3.9025	.007	1



As 189.042 {478}

Date of Fit: 5/23/2015 11:16:21 Type of Fit: Linear Weighting: 1/Conc



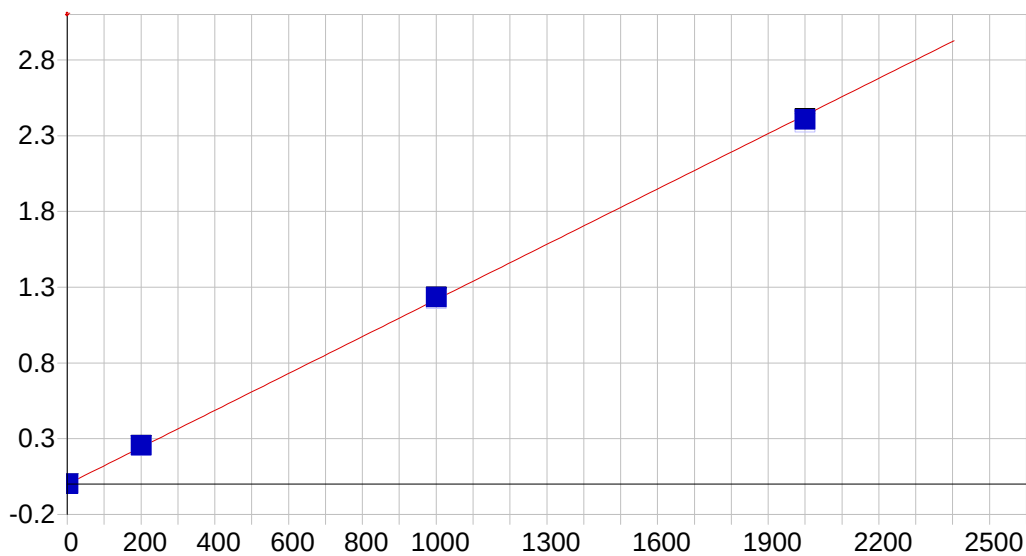


Ba 233.527 {445}

Date of Fit: 5/23/2015 11:16:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000073 Re-Slope: 1.000000
 A1 (Gain): 0.000385 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999790 Status: OK.
 Std Error of Est: 0.000815
 Predicted MDL: 0.322447
 Predicted MQL: 1.074824

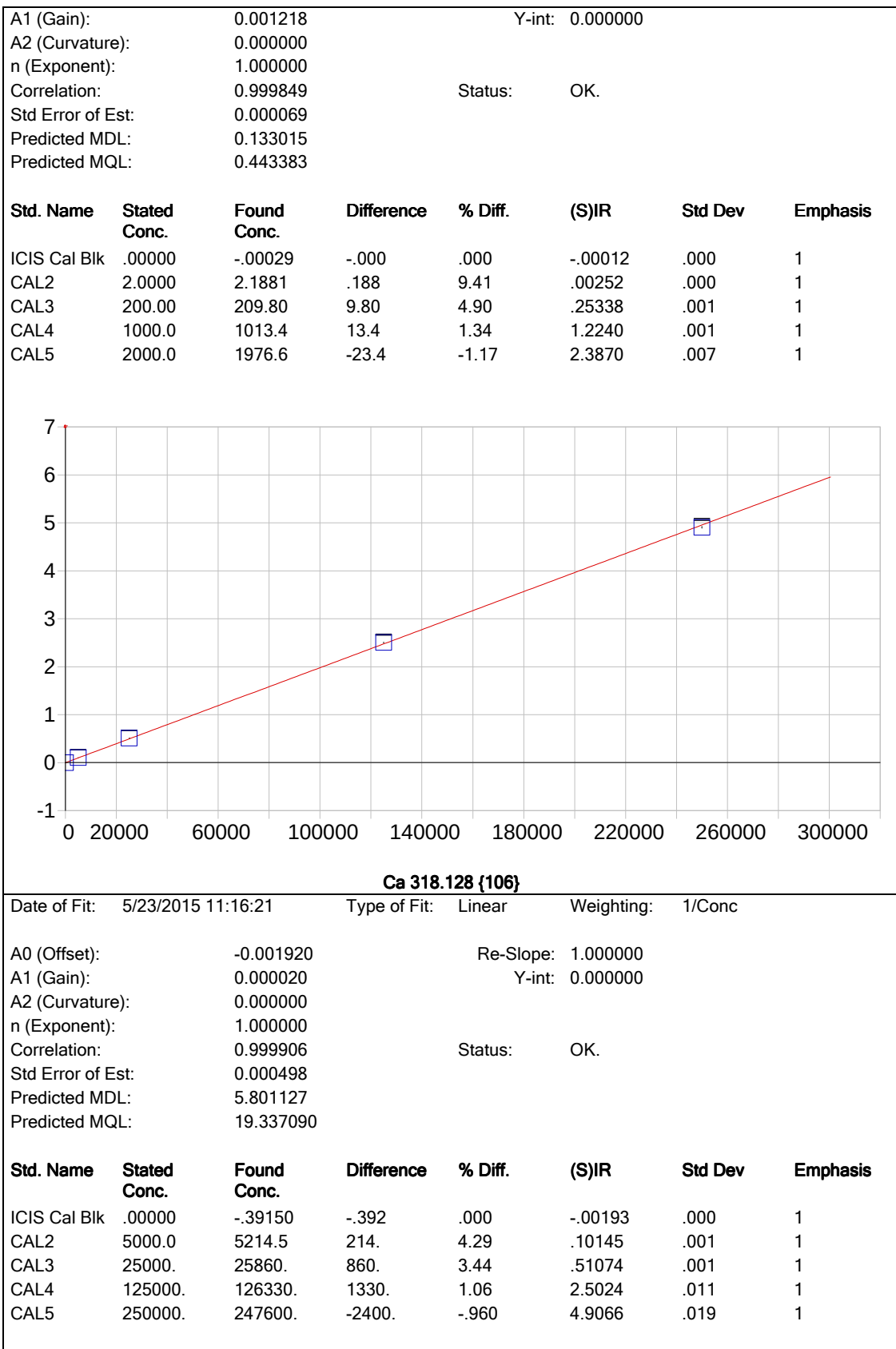
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
ICIS Cal Blk	.00000	-.02752	-.028	.000	.00006	.000	1
CAL2	200.00	216.28	16.3	8.14	.08334	.000	1
CAL3	2000.0	2110.0	110.	5.50	.81123	.001	1
CAL4	10000.	10150.	150.	1.50	3.9020	.002	1
CAL5	20000.	19723.	-277.	-1.38	7.5816	.004	1

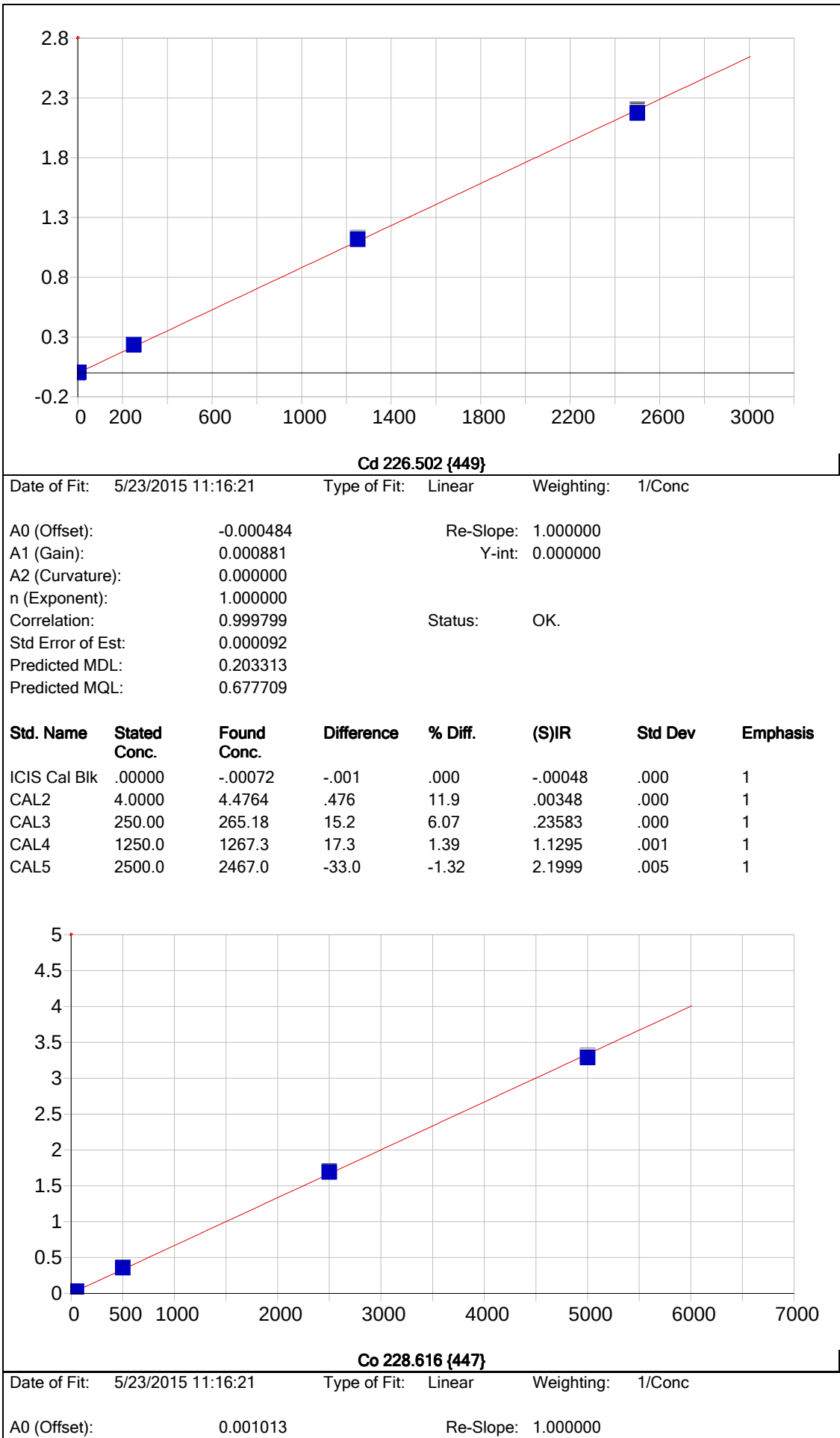


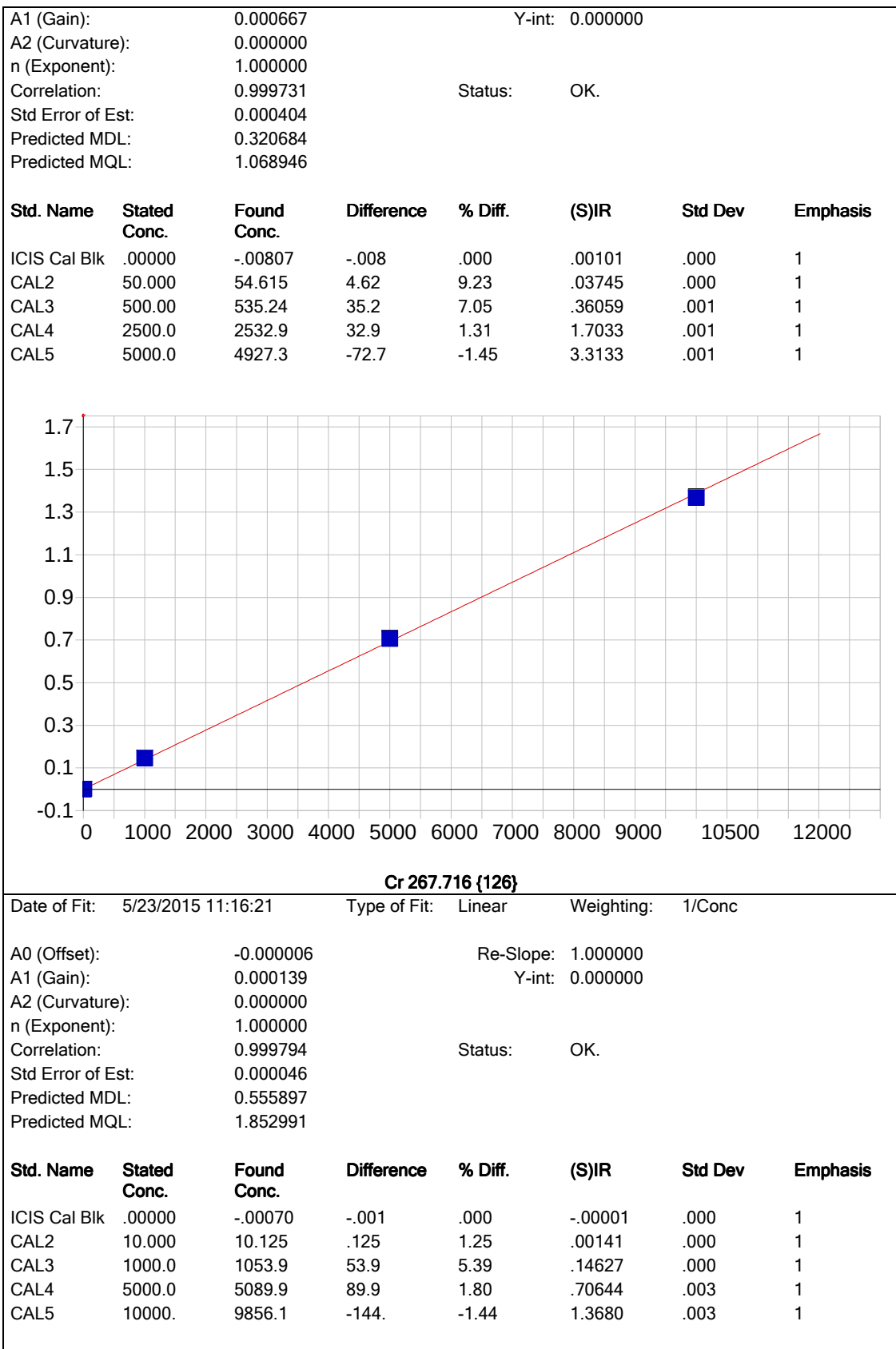
Be 313.042 {108}

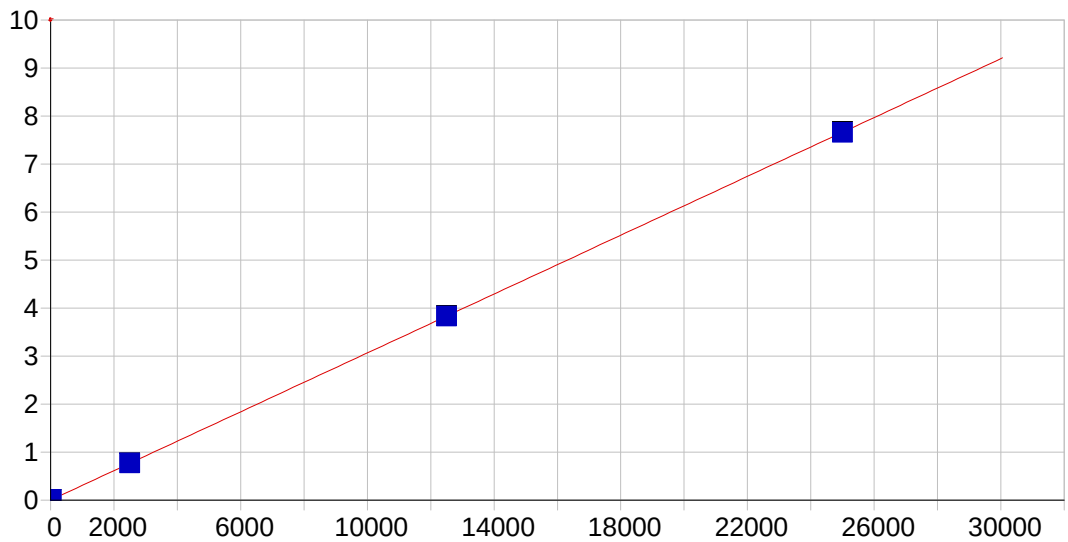
Date of Fit: 5/23/2015 11:16:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000121 Re-Slope: 1.000000







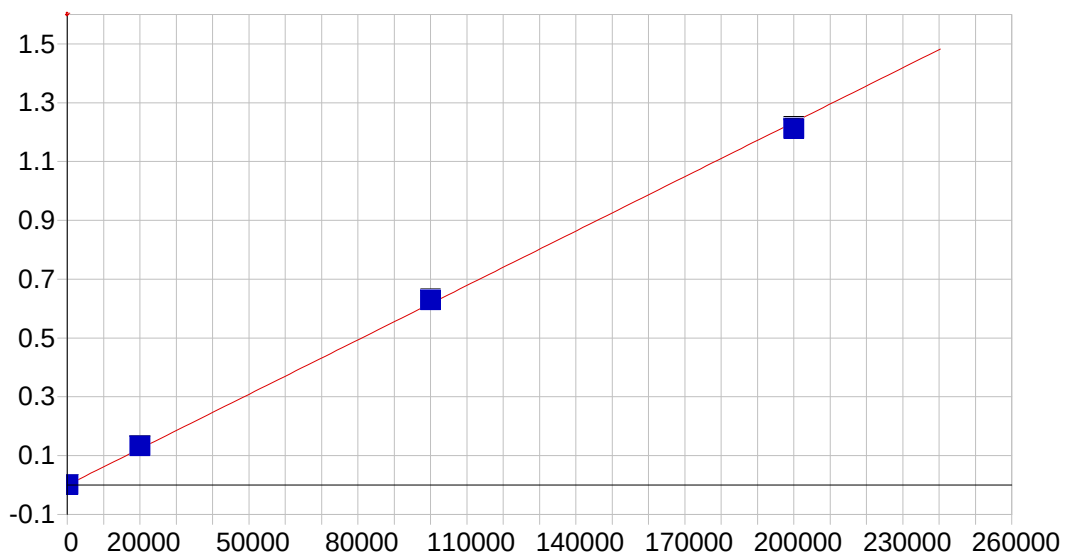


Cu 324.754 {104}

Date of Fit: 5/23/2015 11:16:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002349 Re-Slope: 1.000000
 A1 (Gain): 0.000306 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999999 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.334646
 Predicted MQL: 1.115487

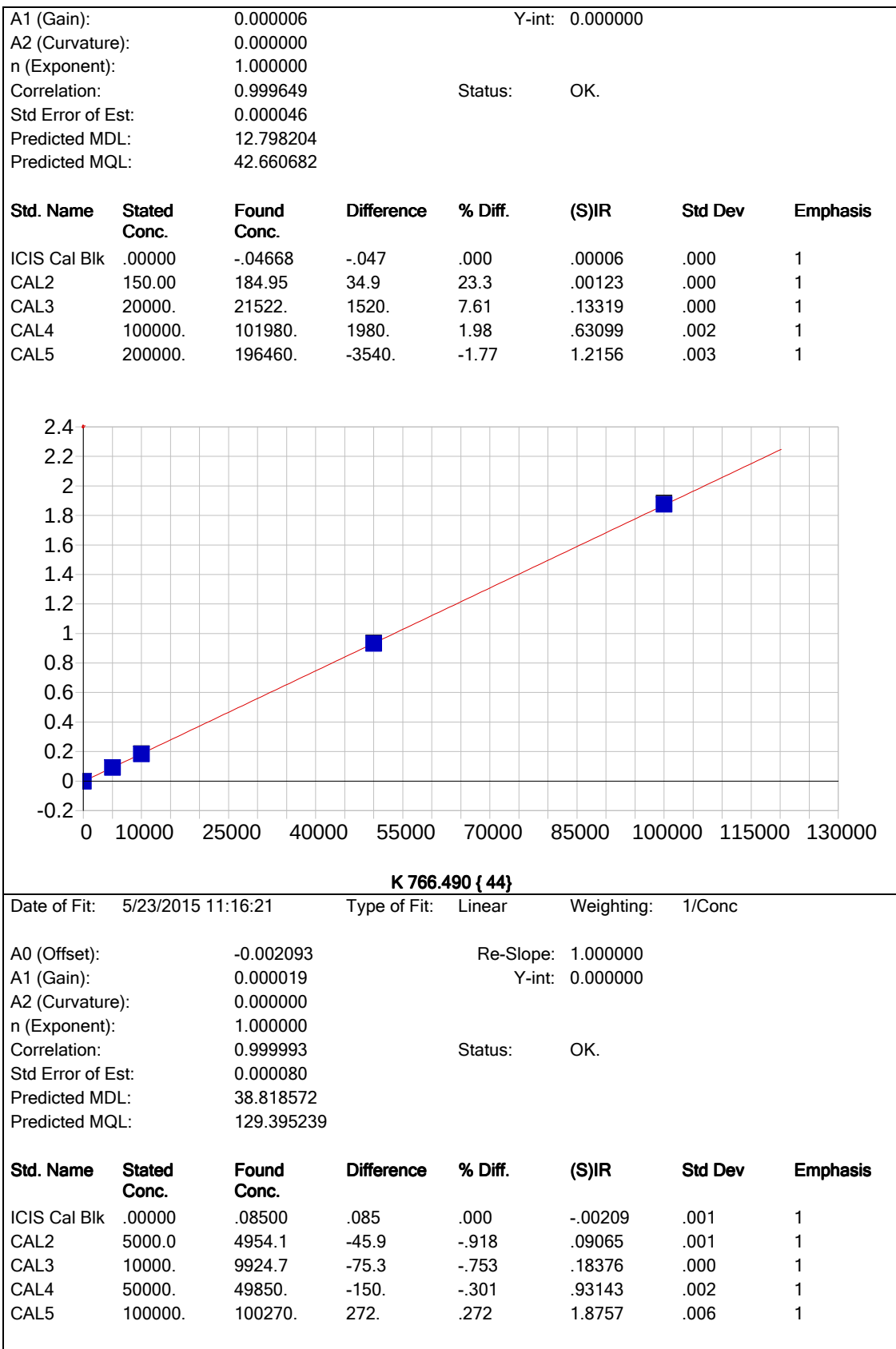
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
ICIS Cal Blk	.00000	-.00073	-.001	.000	.00235	.000	1
CAL2	25.000	25.597	.597	2.39	.01018	.000	1
CAL3	2500.0	2515.2	15.2	.608	.77265	.001	1
CAL4	12500.	12493.	-6.62	-.053	3.8285	.010	1
CAL5	25000.	24991.	-9.19	-.037	7.6559	.018	1

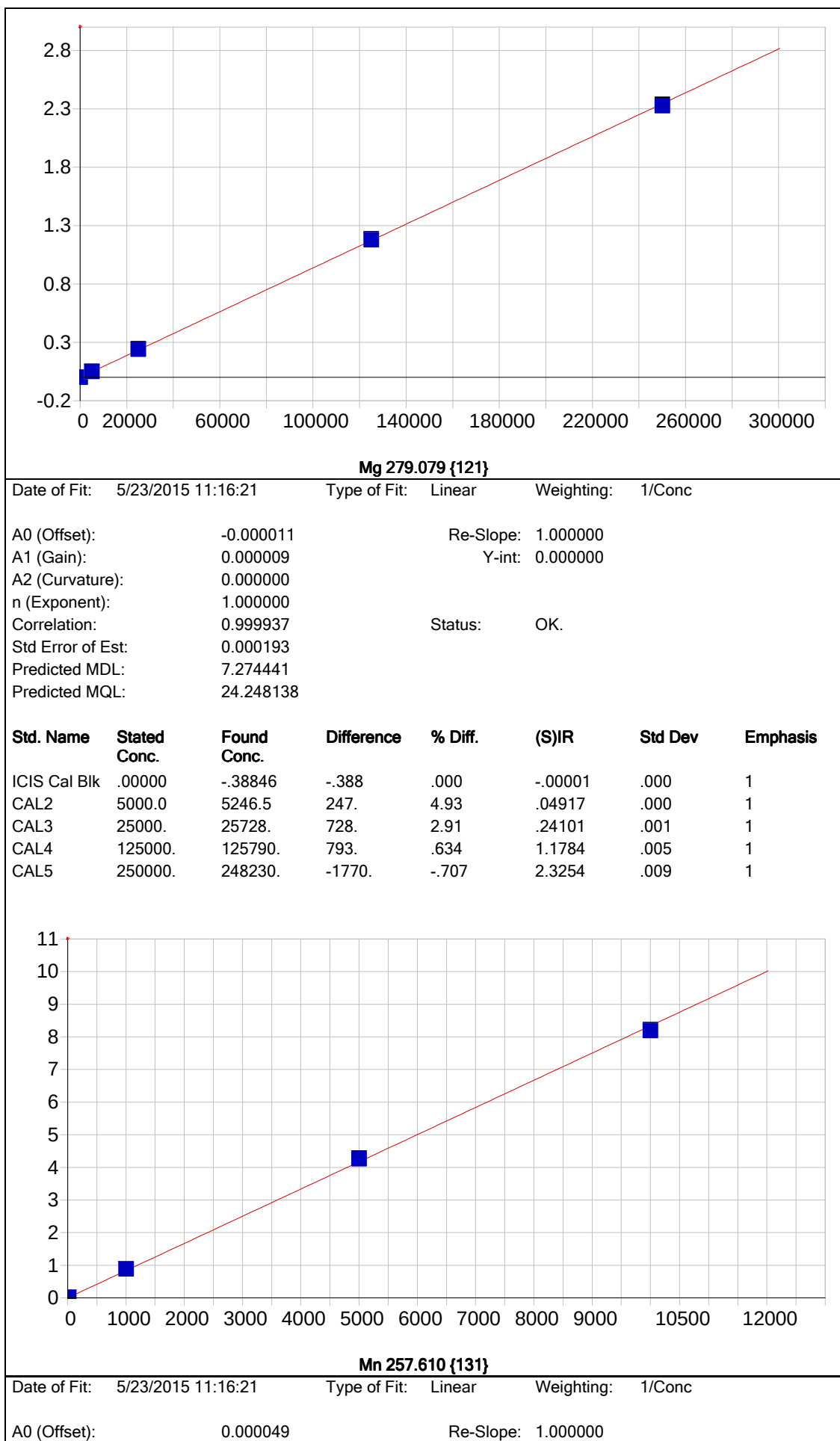


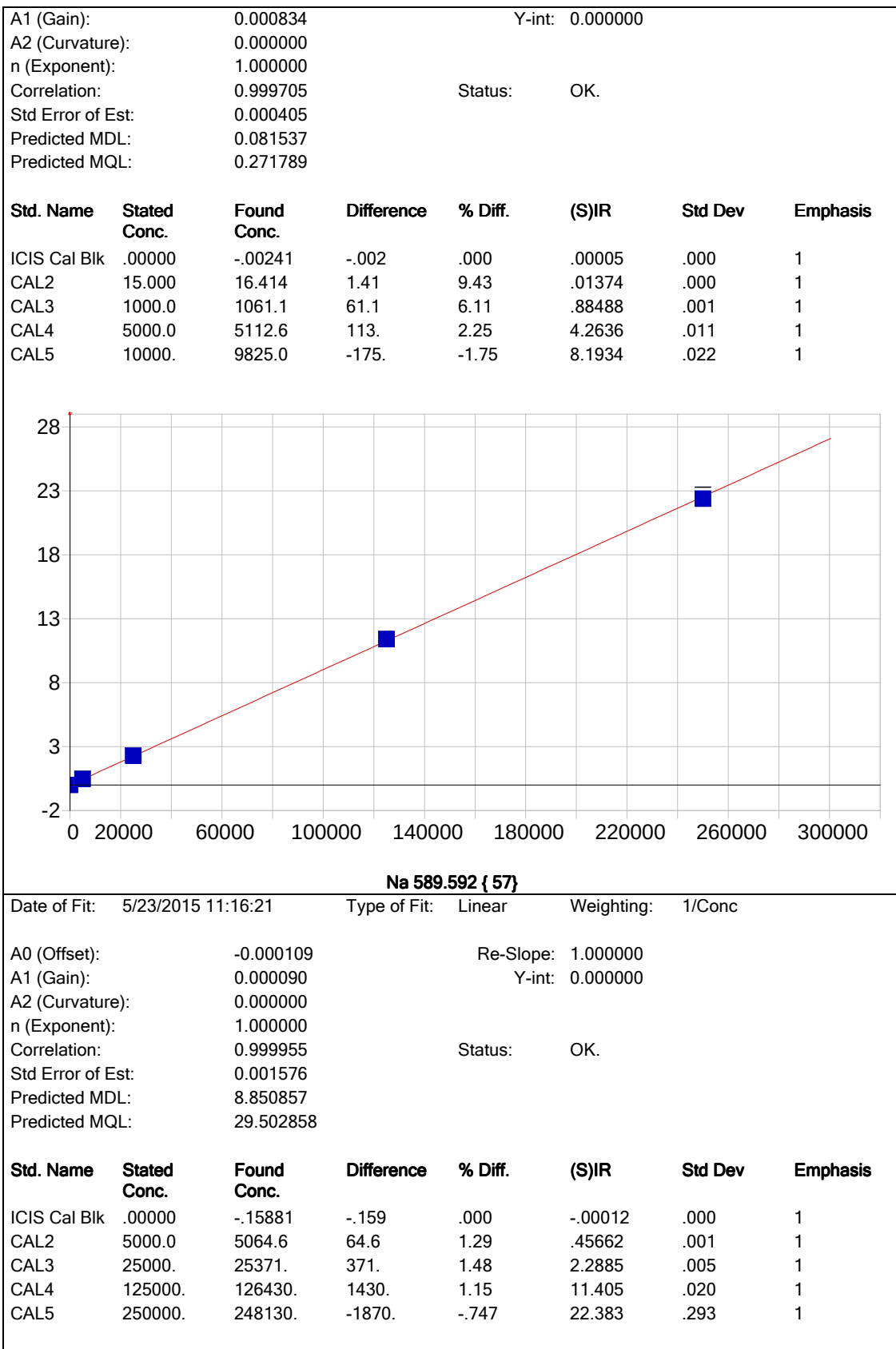
Fe 271.441 {124}

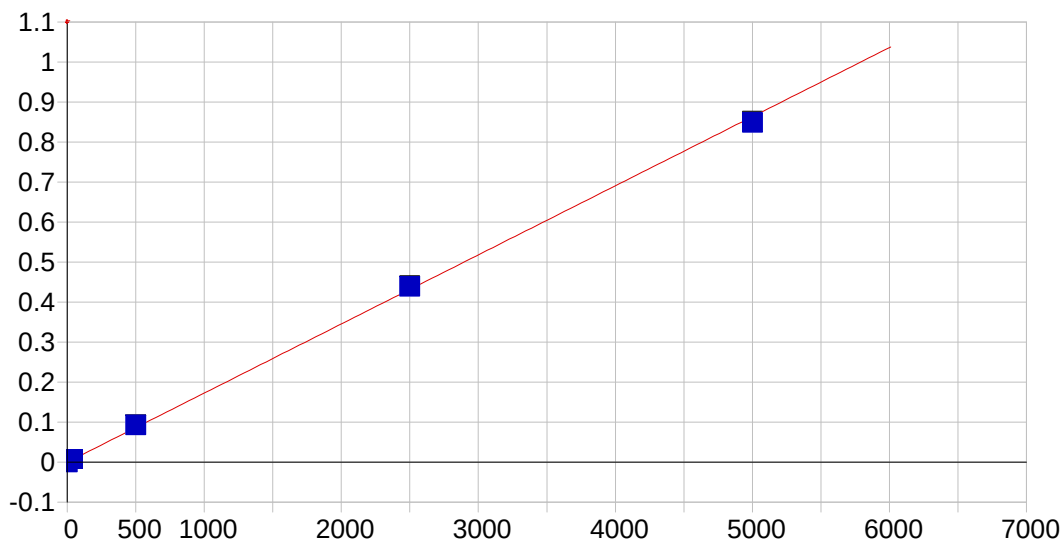
Date of Fit: 5/23/2015 11:16:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000063 Re-Slope: 1.000000







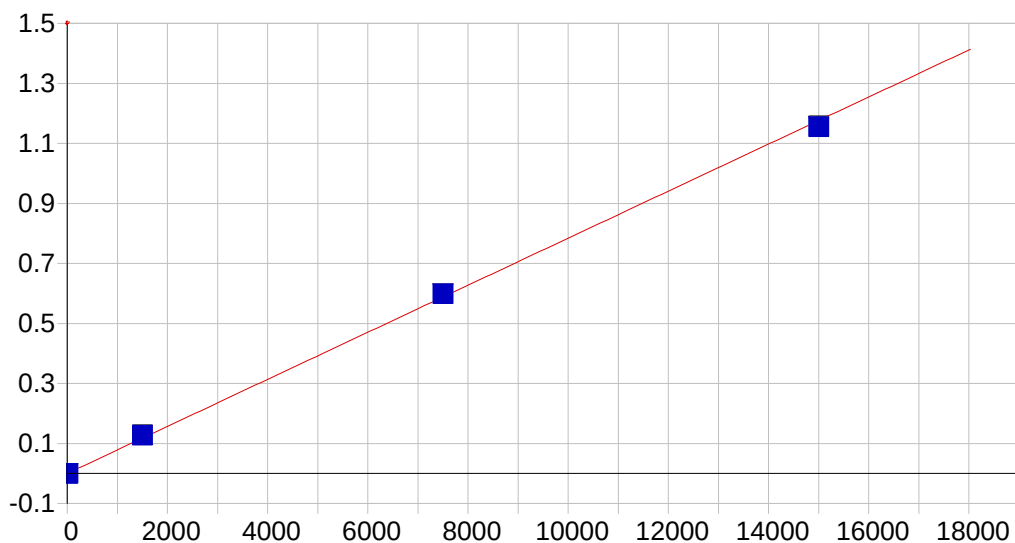


Ni 231.604 {446}

Date of Fit: 5/23/2015 11:16:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000035 Re-Slope: 1.000000
 A1 (Gain): 0.000173 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999656 Status: OK.
 Std Error of Est: 0.000105
 Predicted MDL: 0.886661
 Predicted MQL: 2.955538

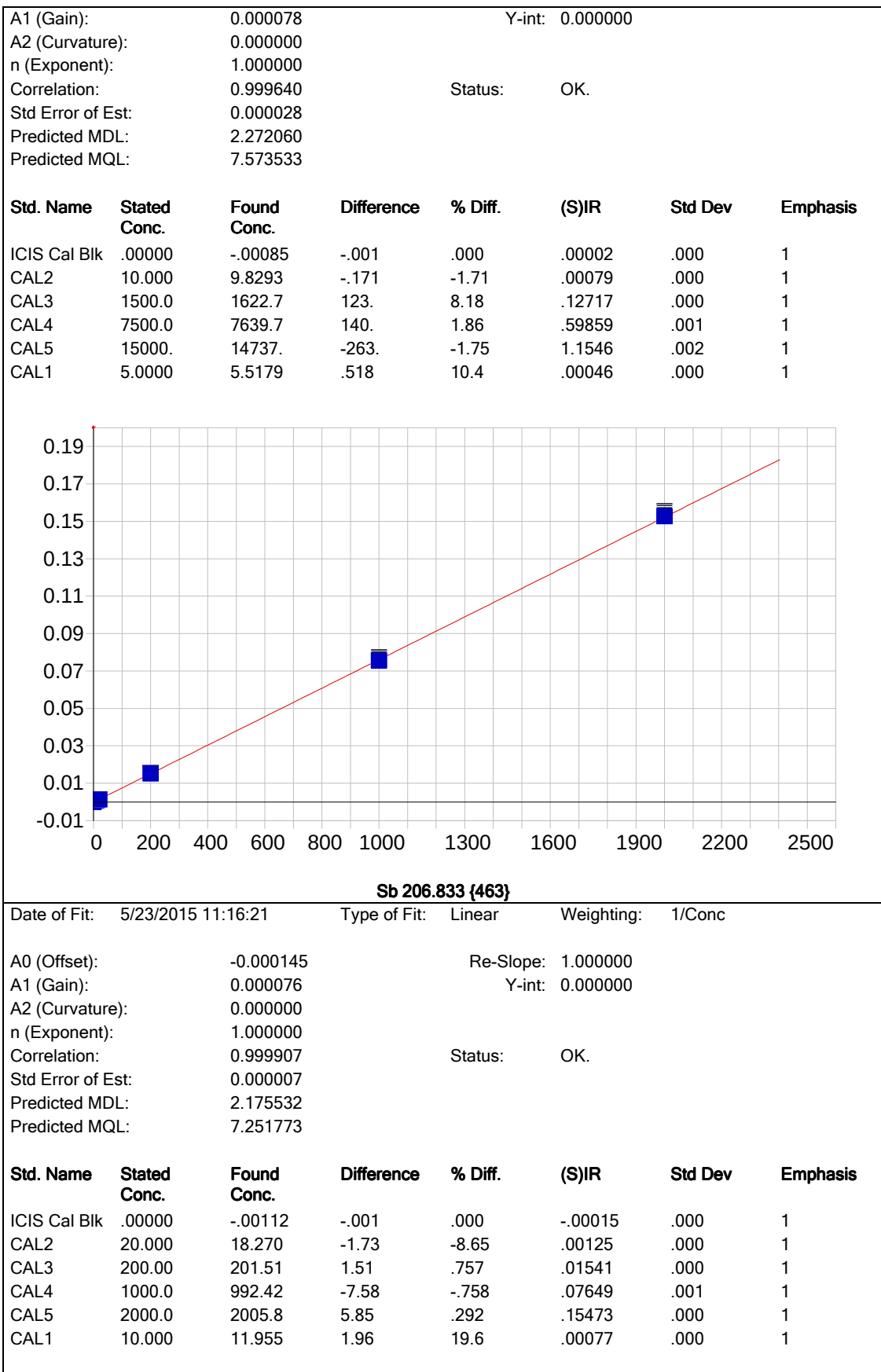
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
ICIS Cal Blk	.00000	-.00759	-.008	.000	-.00004	.000	1
CAL2	40.000	44.563	4.56	11.4	.00766	.000	1
CAL3	500.00	537.81	37.8	7.56	.09293	.000	1
CAL4	2500.0	2542.5	42.5	1.70	.43947	.001	1
CAL5	5000.0	4915.2	-84.8	-1.70	.84965	.002	1

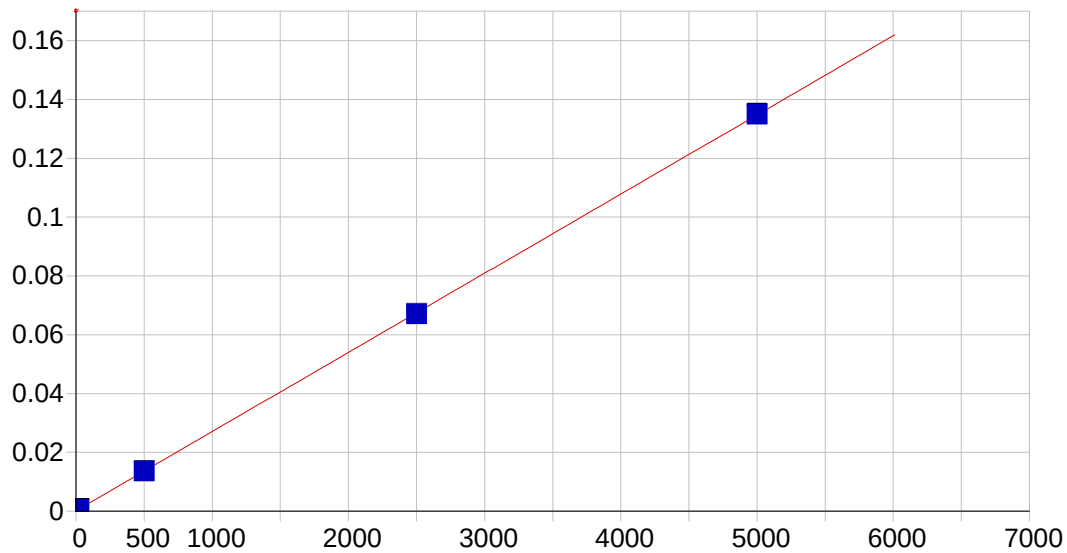


Pb 220.353 {453}

Date of Fit: 5/23/2015 11:16:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000025 Re-Slope: 1.000000



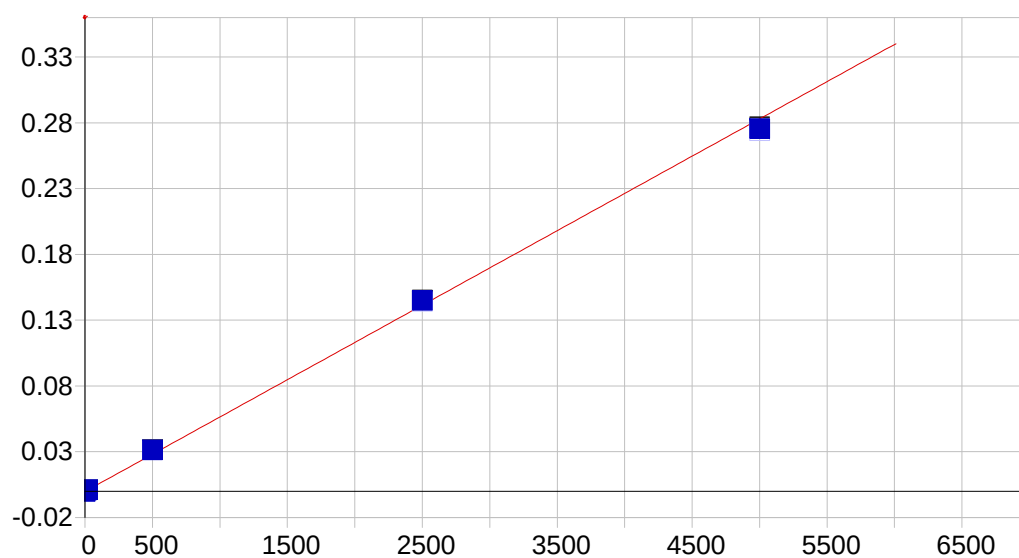


Se 196.090 {472}

Date of Fit: 5/23/2015 11:16:21 Type of Fit: Linear Weighting: 1/Conc

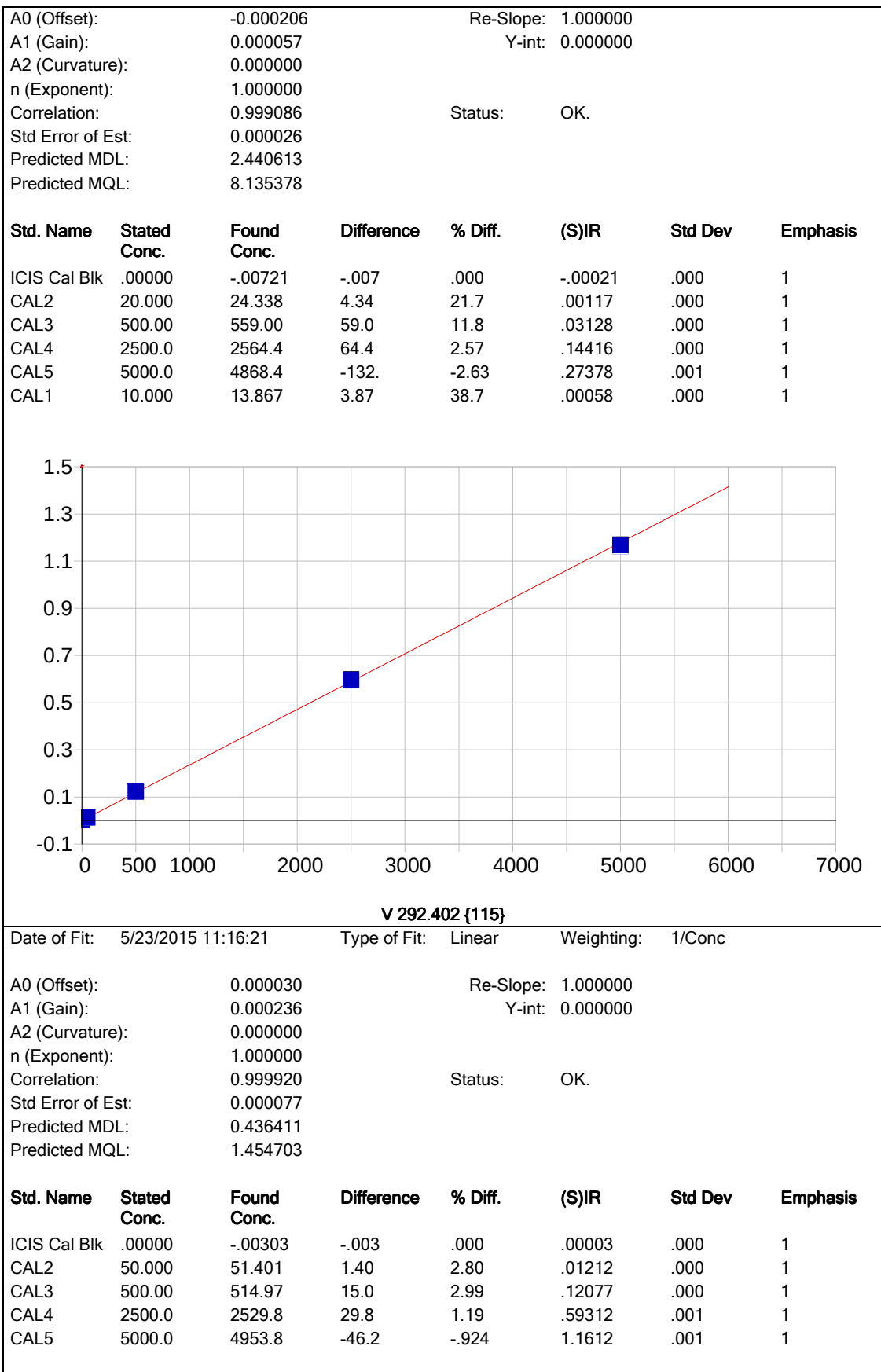
A0 (Offset): 0.000152 Re-Slope: 1.000000
 A1 (Gain): 0.000027 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999869 Status: OK.
 Std Error of Est: 0.000003
 Predicted MDL: 4.626279
 Predicted MQL: 15.420930

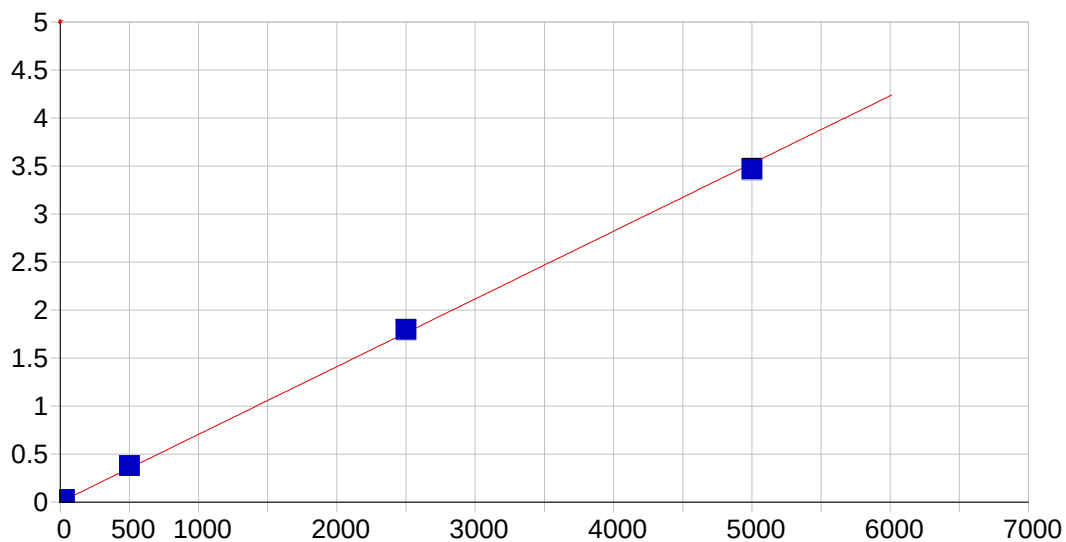
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
ICIS Cal Blk	.00000	-.00339	-.003	.000	.00015	.000	1
CAL2	20.000	21.214	1.21	6.07	.00072	.000	1
CAL3	500.00	498.91	-1.09	-.218	.01357	.000	1
CAL4	2500.0	2487.1	-12.9	-.517	.06705	.000	1
CAL5	5000.0	5009.7	9.70	.194	.13490	.000	1
CAL1	5.0000	8.1091	3.11	62.2	.00037	.000	1



TI 190.856 {477}

Date of Fit: 5/23/2015 11:16:21 Type of Fit: Linear Weighting: 1/Conc



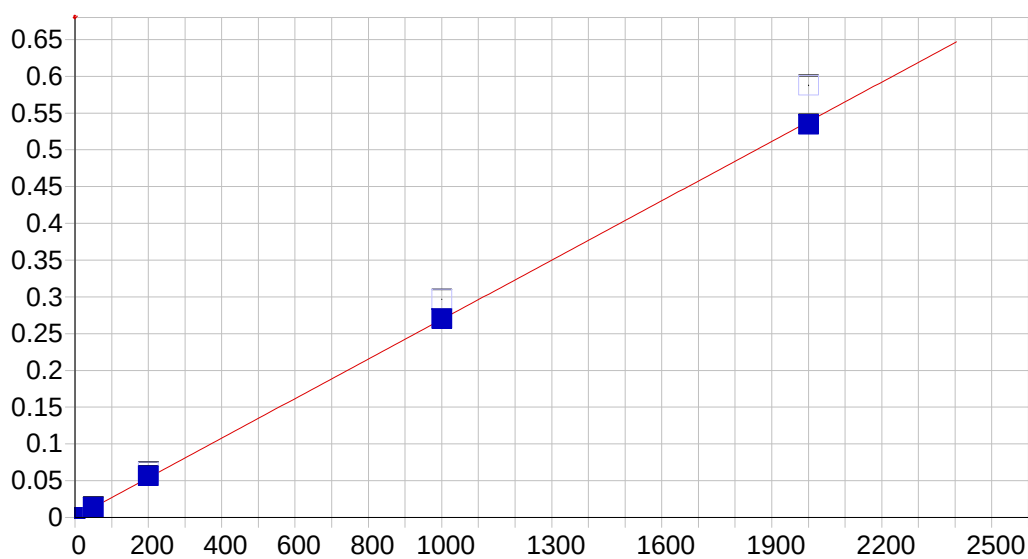


Zn 206.200 {463}

Date of Fit: 5/23/2015 11:16:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001212 Re-Slope: 1.000000
 A1 (Gain): 0.000705 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999645 Status: OK.
 Std Error of Est: 0.000375
 Predicted MDL: 0.229627
 Predicted MQL: 0.765422

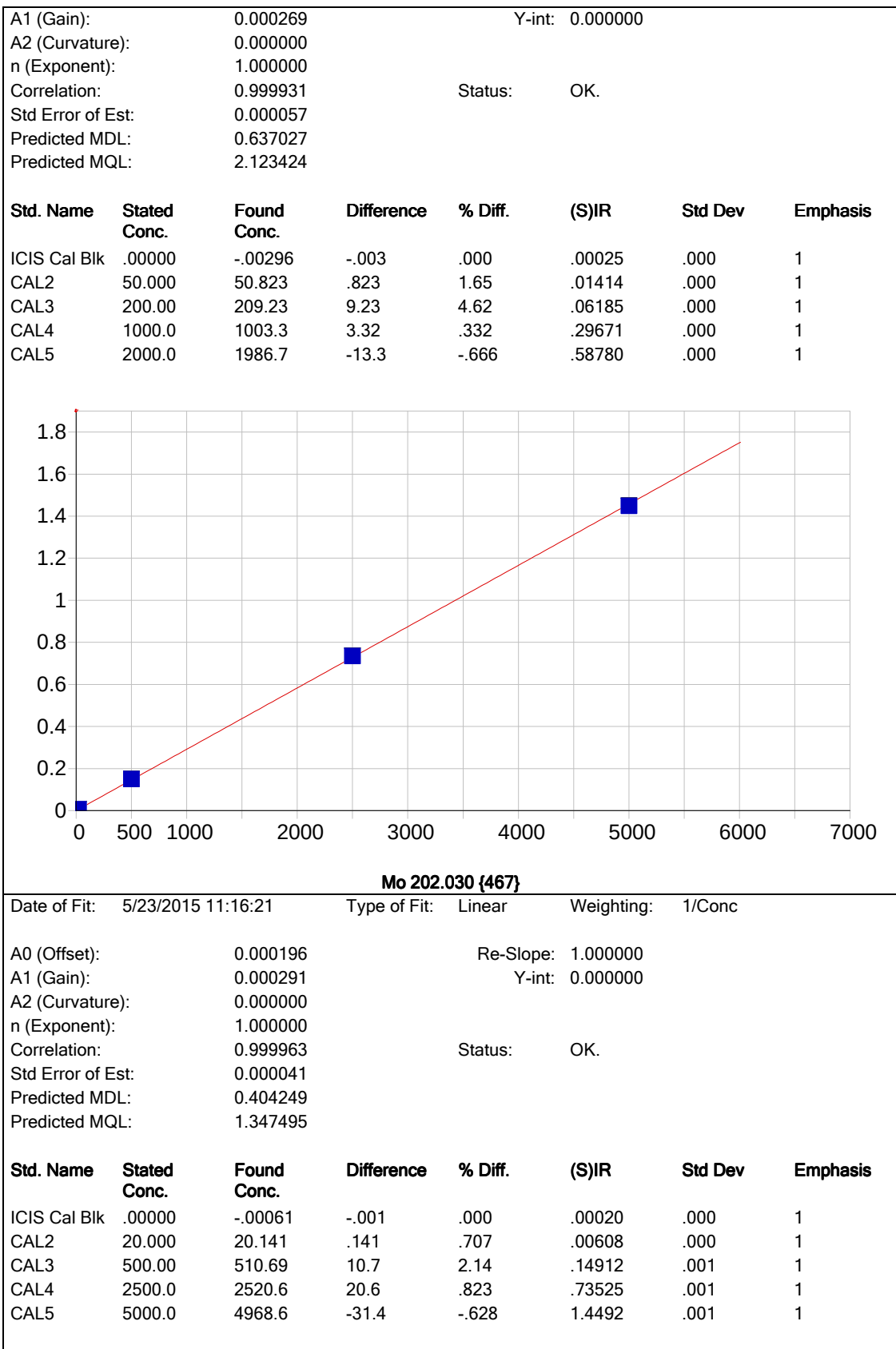
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
ICIS Cal Blk	.00000	-.00693	-.007	.000	.00121	.000	1
CAL2	30.000	34.738	4.74	15.8	.02568	.000	1
CAL3	500.00	536.01	36.0	7.20	.37755	.001	1
CAL4	2500.0	2545.4	45.4	1.81	1.7880	.005	1
CAL5	5000.0	4913.9	-86.1	-1.72	3.4500	.012	1

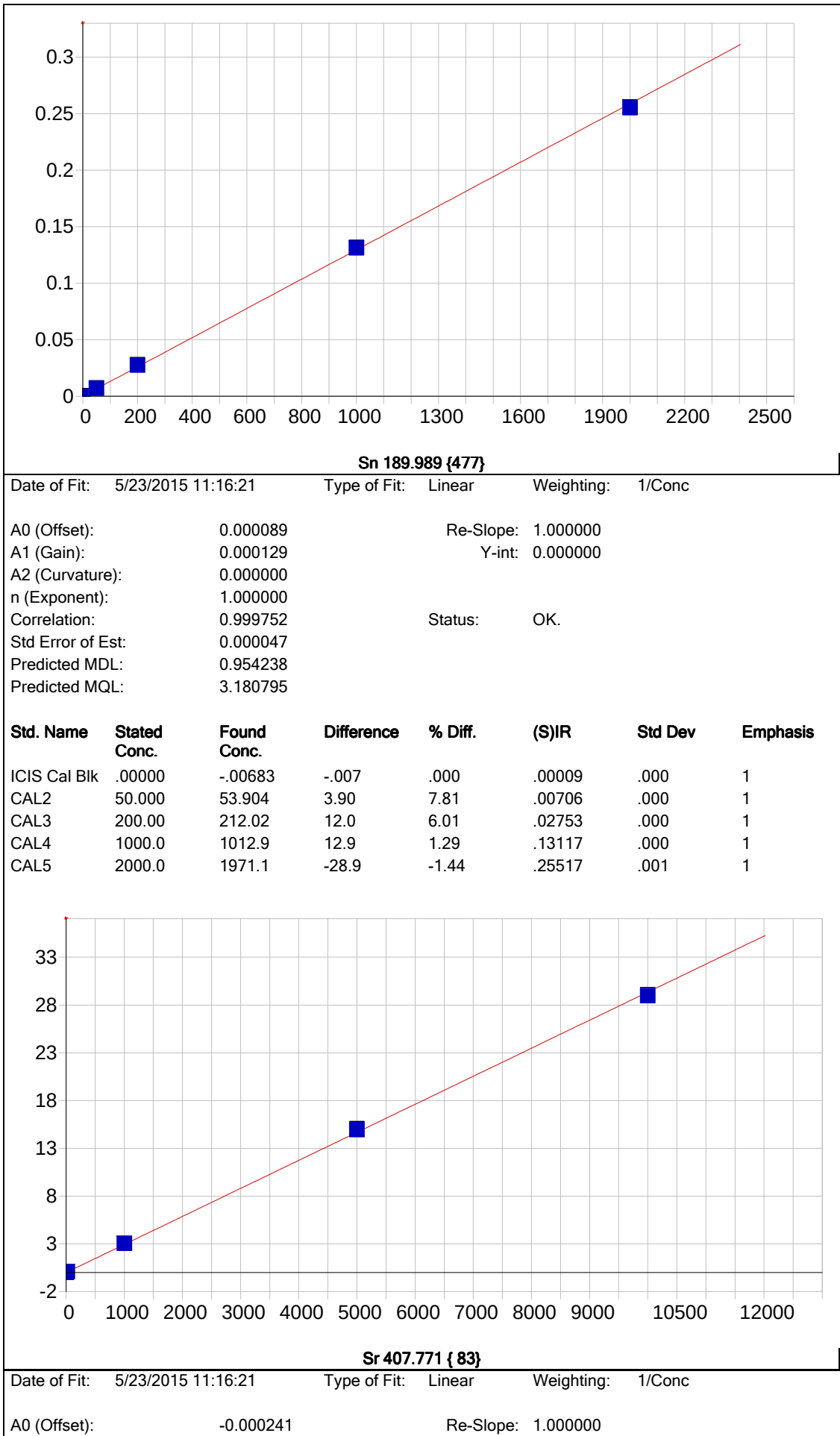


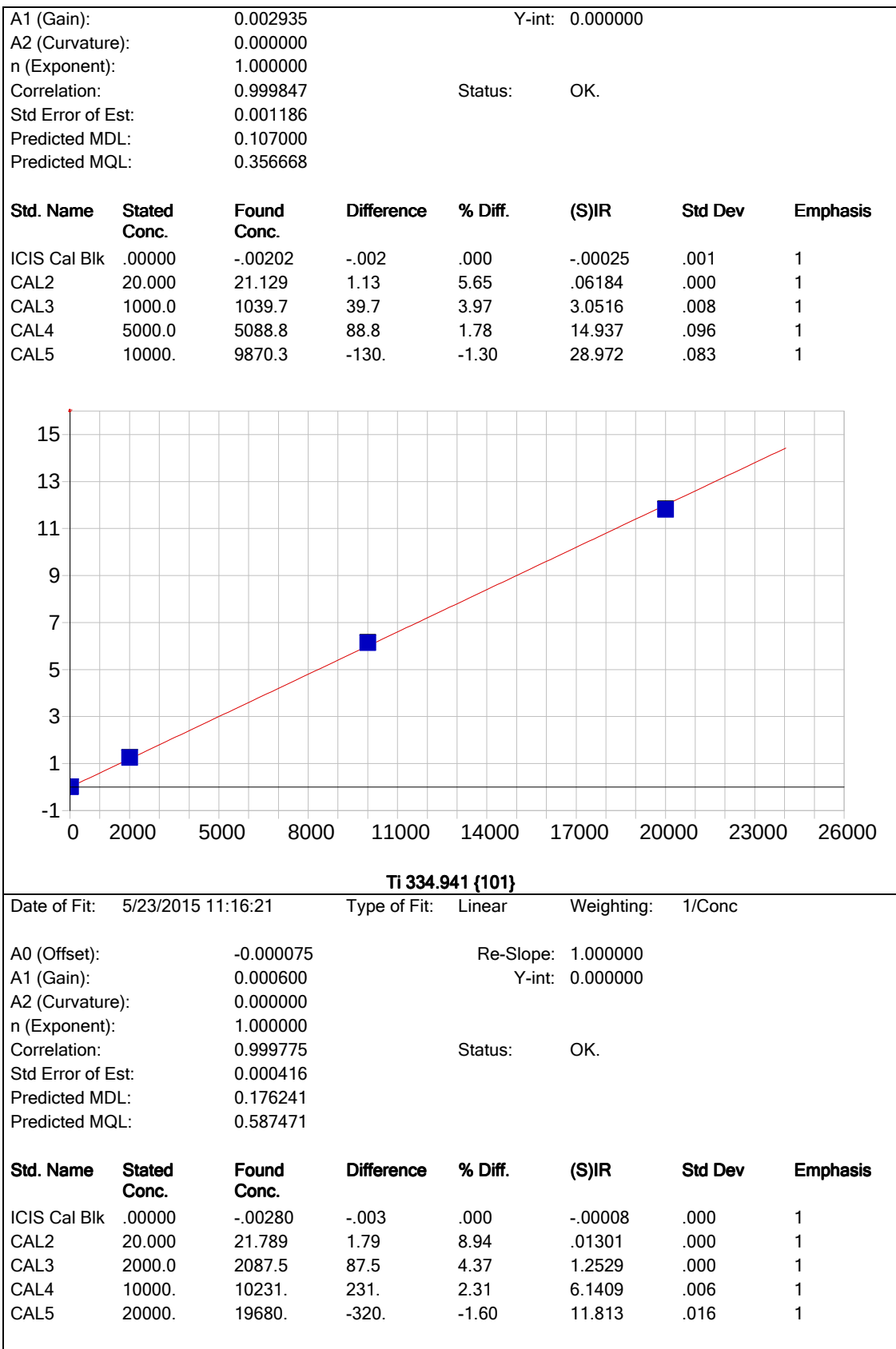
B 208.959 {461}

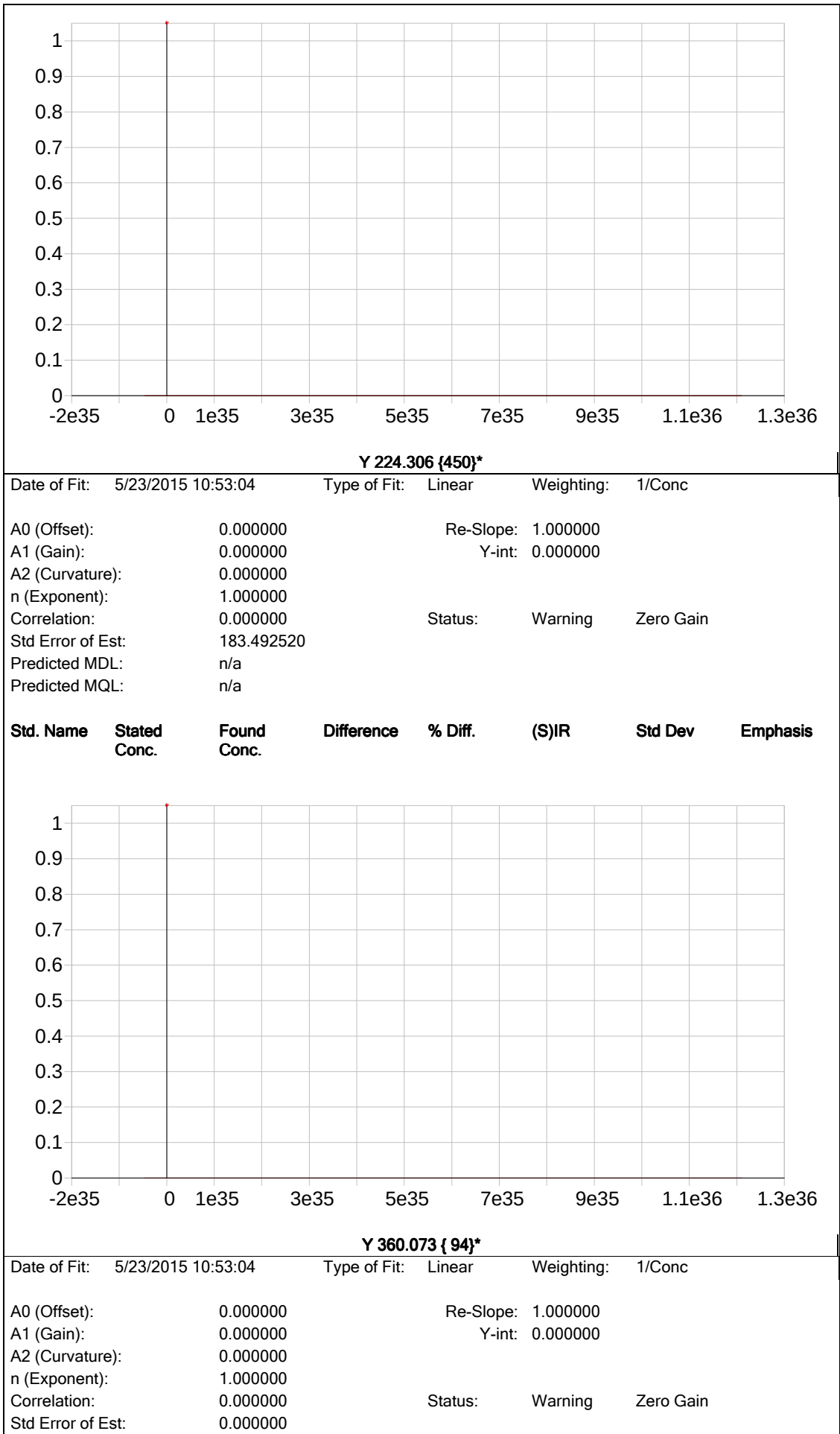
Date of Fit: 5/23/2015 11:16:21 Type of Fit: Linear Weighting: 1/Conc

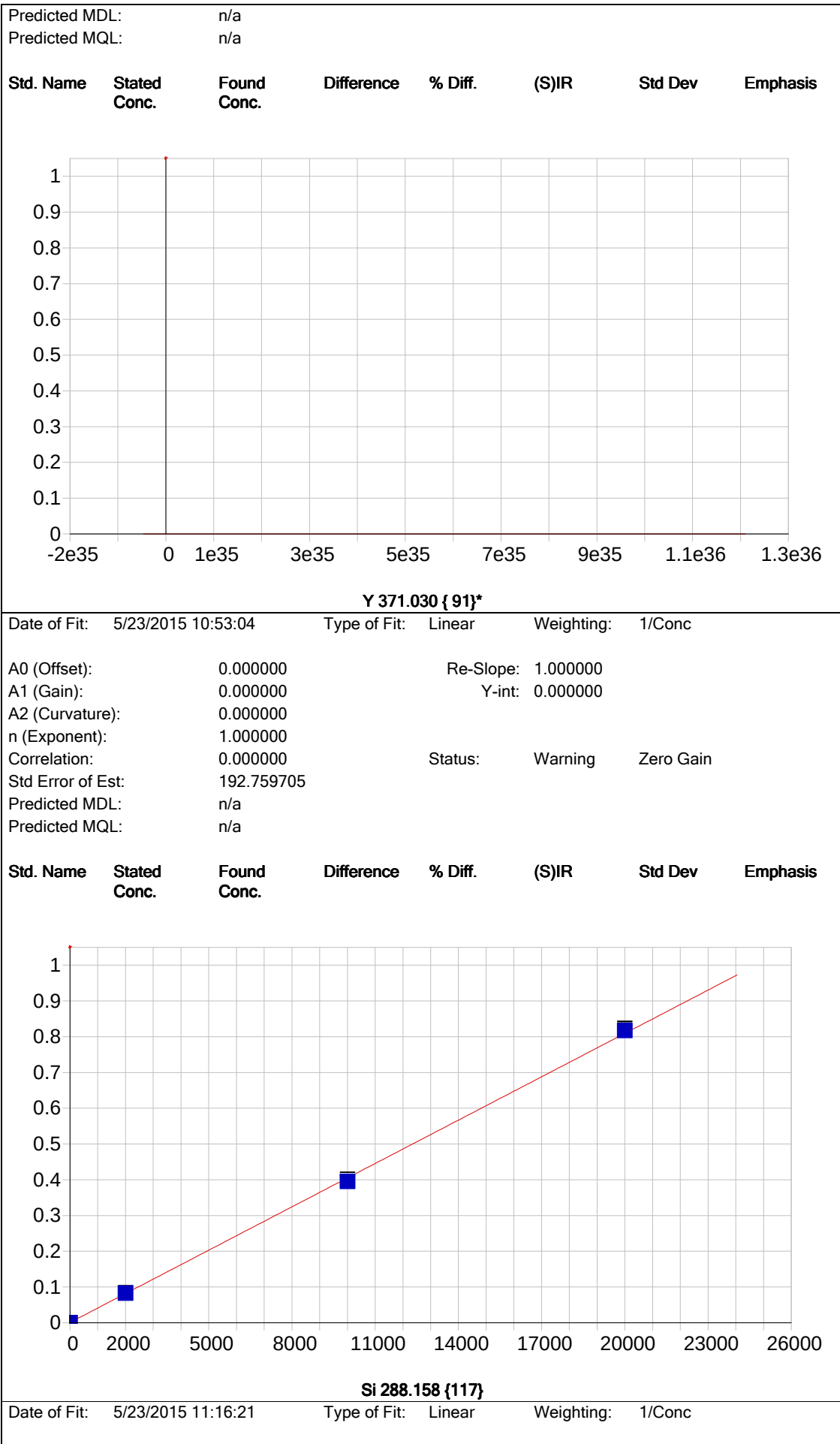
A0 (Offset): 0.000253 Re-Slope: 1.000000











A0 (Offset):	0.000867	Re-Slope:	1.000000
A1 (Gain):	0.000040	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999869	Status:	OK.
Std Error of Est:	0.000233		
Predicted MDL:	14.912878		
Predicted MQL:	49.709593		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
ICIS Cal Blk	.00000	-.00236	-.002	.000	.00087	.000	1
CAL5	20000.	20210.	210.	1.05	.81617	.005	1
CAL3	2000.0	2029.1	29.1	1.46	.08273	.000	1
CAL4	10000.	9761.3	-239.	-2.39	.39464	.005	1

Sample Name: ICIS Cal Blk Acquired: 5/23/2015 10:53:49 Type: Cal
Method: BC042282015(v10) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0008	-.0001	.0001	.0001	-.0001	-.0019
Stddev	.0003	.0001	.0001	.0000	.0001	.0000
%RSD	33.16	79.54	188.8	36.13	90.45	1.276

#1	-.0008	-.0002	.0000	.0000	-.0001	-.0019
#2	-.0011	-.0001	.0002	.0001	-.0000	-.0019
#3	-.0005	-.0000	-.0000	.0001	-.0002	-.0019

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0005	.0010	-.0000	.0023	.0001	-.0021
Stddev	.0001	.0000	.0000	.0001	.0001	.0008
%RSD	10.33	4.667	464.4	4.882	106.2	38.18

#1	-.0005	.0010	.0000	.0025	.0000	-.0012
#2	-.0005	.0010	.0000	.0023	.0001	-.0025
#3	-.0004	.0010	-.0000	.0022	.0000	-.0026

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0000	.0000	-.0001	-.0000	.0000	-.0001
Stddev	.0001	.0000	.0004	.0001	.0001	.0001
%RSD	479.2	73.15	328.7	174.8	501.3	91.05

#1	.0001	.0001	.0001	.0000	.0000	-.0000
#2	-.0001	.0000	-.0006	-.0001	-.0001	-.0003
#3	-.0000	.0001	.0001	-.0001	.0002	-.0002

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0002	-.0002	.0000	.0012	.0003	.0002
Stddev	.0001	.0001	.0001	.0001	.0000	.0001
%RSD	53.10	40.73	379.2	10.60	16.94	49.44

#1	.0002	-.0003	-.0001	.0011	.0003	.0002
#2	.0001	-.0002	.0001	.0013	.0002	.0001
#3	.0001	-.0001	.0001	.0012	.0003	.0003

Sample Name: ICIS Cal Blk Acquired: 5/23/2015 10:53:49 Type: Cal
Method: BC042282015(v10) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0001	-.0002	-.0001	.0009
Stddev	.0000	.0005	.0000	.0002
%RSD	49.09	206.9	61.53	26.05

#1	.0001	-.0008	-.0001	.0009
#2	.0000	.0002	-.0001	.0006
#3	.0001	-.0001	-.0000	.0011

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3766.3	37976.	14683.
Stddev	6.8	282.	276.
%RSD	.18091	.74303	1.8798

#1	3764.4	37972.	14604.
#2	3760.6	37696.	14455.
#3	3773.8	38261.	14990.

Sample Name: CAL1 Acquired: 5/23/2015 10:57:41 Type: Cal
Method: BC042282015(v10) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Pb2203	Sb2068	Se196	Tl1908
Line	189.042 {478}	220.353 {453}	206.833 {463}	196.090 {472}	190.856 {477}
IS Ref	(Y_2243)	(Y_2243)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0002	.0005	.0008	.0004	.0006
Stddev	.0001	.0001	.0001	.0001	.0001
%RSD	47.29	13.58	15.90	24.80	22.12

#1	.0001	.0005	.0009	.0005	.0006
#2	.0002	.0005	.0008	.0003	.0007
#3	.0003	.0004	.0006	.0004	.0004

Int. Std.	Y_2243
Line	224.306 {450}
Units	Cts/S
Avg	3815.7
Stddev	14.3
%RSD	.37598

#1	3802.0
#2	3830.6
#3	3814.6

Sample Name: CAL2 Acquired: 5/23/2015 11:01:32 Type: Cal
Method: BC042282015(v10) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0026	.0006	.0014	.0833	.0025	.1015
Stddev	.0001	.0001	.0001	.0001	.0001	.0005
%RSD	2.930	10.84	5.737	.1240	3.907	.5151

#1	.0026	.0006	.0014	.0832	.0026	.1009
#2	.0027	.0005	.0013	.0834	.0024	.1020
#3	.0026	.0005	.0015	.0834	.0026	.1015

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0035	.0375	.0014	.0102	.0012	.0906
Stddev	.0000	.0001	.0000	.0001	.0001	.0008
%RSD	1.352	.3043	2.379	.8047	4.089	.8314

#1	.0034	.0374	.0014	.0103	.0012	.0898
#2	.0035	.0374	.0014	.0101	.0012	.0910
#3	.0035	.0376	.0014	.0102	.0013	.0911

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0492	.0137	.4566	.0077	.0008	.0012
Stddev	.0004	.0002	.0010	.0000	.0002	.0000
%RSD	.8871	1.277	.2243	.2933	25.24	3.230

#1	.0487	.0136	.4557	.0077	.0010	.0012
#2	.0495	.0139	.4577	.0077	.0007	.0013
#3	.0493	.0137	.4565	.0076	.0007	.0013

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0007	.0012	.0121	.0257	.0141	.0061
Stddev	.0001	.0001	.0001	.0001	.0001	.0001
%RSD	20.66	11.57	.6665	.5543	.6830	1.547

#1	.0009	.0010	.0122	.0255	.0140	.0062
#2	.0006	.0012	.0120	.0258	.0142	.0060
#3	.0007	.0013	.0122	.0257	.0141	.0061

Sample Name: CAL2 Acquired: 5/23/2015 11:01:32 Type: Cal
Method: BC042282015(v10) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S
Avg	.0071	.0618	.0130
Stddev	.0002	.0001	.0000
%RSD	2.821	.1308	.1909

#1	.0071	.0619	.0130
#2	.0073	.0618	.0130
#3	.0069	.0618	.0130

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3842.7	38920.	15264.
Stddev	2.9	267.	230.
%RSD	.07623	.68482	1.5089

#1	3844.4	39073.	15405.
#2	3839.3	38613.	14998.
#3	3844.4	39075.	15388.

Sample Name: CAL3 Acquired: 5/23/2015 11:05:22 Type: Cal
Method: BC042282015(v10) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.3993	.0244	.0351	.8112	.2534	.5107
Stddev	.0016	.0001	.0002	.0009	.0009	.0010
%RSD	.4126	.3105	.4921	.1144	.3474	.2024

#1	.4011	.0243	.0353	.8102	.2542	.5119
#2	.3979	.0245	.0350	.8120	.2534	.5105
#3	.3988	.0243	.0351	.8116	.2525	.5099

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.2358	.3606	.1463	.7726	.1332	.1838
Stddev	.0001	.0010	.0002	.0008	.0003	.0002
%RSD	.0605	.2793	.1509	.1077	.2299	.1158

#1	.2357	.3596	.1464	.7736	.1335	.1840
#2	.2358	.3616	.1464	.7720	.1330	.1837
#3	.2360	.3606	.1460	.7723	.1330	.1836

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.2410	.8849	2.289	.0929	.1272	.0154
Stddev	.0006	.0009	.005	.0001	.0003	.0001
%RSD	.2414	.1008	.2148	.1129	.2257	.4583

#1	.2417	.8859	2.293	.0928	.1273	.0153
#2	.2408	.8847	2.289	.0930	.1268	.0154
#3	.2405	.8841	2.283	.0930	.1274	.0155

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0136	.0313	.1208	.3776	.0618	.1491
Stddev	.0001	.0001	.0003	.0012	.0002	.0006
%RSD	.7952	.2531	.2087	.3220	.3673	.4066

#1	.0134	.0313	.1208	.3780	.0616	.1487
#2	.0136	.0312	.1205	.3762	.0619	.1498
#3	.0136	.0313	.1210	.3785	.0620	.1489

Sample Name: CAL3 Acquired: 5/23/2015 11:05:22 Type: Cal
Method: BC042282015(v10) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0275	3.052	1.253	.0827
Stddev	.0001	.008	.000	.0001
%RSD	.4451	.2733	.0233	.1040

#1	.0277	3.061	1.253	.0827
#2	.0275	3.050	1.253	.0828
#3	.0275	3.044	1.253	.0827

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3770.5	37586.	14815.
Stddev	9.2	130.	62.
%RSD	.24329	.34672	.41941

#1	3761.3	37450.	14764.
#2	3779.6	37597.	14796.
#3	3770.5	37710.	14884.

Sample Name: CAL4 Acquired: 5/23/2015 11:08:57 Type: Cal
Method: BC042282015(v10) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.966	.1229	.1760	3.902	1.224	2.502
Stddev	.003	.0005	.0007	.002	.001	.011
%RSD	.1287	.3812	.3741	.0453	.0765	.4265

#1	1.965	.1234	.1764	3.904	1.225	2.491
#2	1.969	.1230	.1764	3.900	1.224	2.512
#3	1.965	.1224	.1753	3.902	1.223	2.505

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.129	1.703	.7064	3.829	.6310	.9314
Stddev	.001	.002	.0026	.010	.0016	.0023
%RSD	.0919	.0875	.3649	.2614	.2474	.2451

#1	1.129	1.705	.7037	3.840	.6293	.9302
#2	1.129	1.704	.7089	3.822	.6324	.9341
#3	1.131	1.702	.7067	3.824	.6312	.9300

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.178	4.264	11.40	.4395	.5986	.0765
Stddev	.005	.011	.02	.0007	.0005	.0006
%RSD	.4069	.2615	.1722	.1480	.0897	.7874

#1	1.173	4.251	11.42	.4402	.5980	.0769
#2	1.182	4.271	11.42	.4394	.5990	.0758
#3	1.180	4.269	11.38	.4389	.5988	.0768

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0670	.1442	.5931	1.788	.2967	.7353
Stddev	.0002	.0003	.0010	.005	.0003	.0008
%RSD	.2508	.1802	.1681	.2807	.1123	.1124

#1	.0672	.1440	.5921	1.782	.2971	.7361
#2	.0671	.1445	.5941	1.791	.2967	.7345
#3	.0669	.1440	.5932	1.790	.2964	.7351

Sample Name: CAL4 Acquired: 5/23/2015 11:08:57 Type: Cal
Method: BC042282015(v10) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1312	14.94	6.141	.3946
Stddev	.0002	.10	.006	.0050
%RSD	.1266	.6429	.0981	1.258

#1	.1310	14.96	6.134	.4000
#2	.1311	15.02	6.146	.3902
#3	.1314	14.83	6.142	.3936

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3546.6	35263.	14558.
Stddev	11.6	281.	255.
%RSD	.32601	.79665	1.7505

#1	3559.9	35576.	14839.
#2	3541.0	35032.	14341.
#3	3538.9	35182.	14493.

Sample Name: CAL5 Acquired: 5/23/2015 11:12:34 Type: Cal
Method: BC042282015(v10) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.903	.2495	.3572	7.582	2.387	4.907
Stddev	.007	.0005	.0010	.004	.007	.019
%RSD	.1834	.2172	.2757	.0521	.2839	.3944

#1	3.897	.2489	.3579	7.577	2.383	4.904
#2	3.900	.2499	.3575	7.585	2.383	4.888
#3	3.911	.2498	.3561	7.583	2.395	4.927

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.200	3.313	1.368	7.656	1.216	1.876
Stddev	.005	.001	.003	.018	.003	.006
%RSD	.2263	.0353	.2409	.2292	.2794	.3163

#1	2.194	3.314	1.369	7.665	1.215	1.872
#2	2.202	3.314	1.364	7.667	1.212	1.873
#3	2.204	3.312	1.371	7.636	1.219	1.882

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.325	8.193	22.38	.8497	1.155	.1547
Stddev	.009	.022	.29	.0022	.002	.0004
%RSD	.3912	.2717	1.309	.2583	.1775	.2876

#1	2.324	8.187	22.40	.8472	1.153	.1552
#2	2.317	8.175	22.08	.8505	1.154	.1548
#3	2.335	8.218	22.67	.8513	1.157	.1543

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1349	.2738	1.161	3.450	.5878	1.449
Stddev	.0002	.0013	.001	.012	.0005	.001
%RSD	.1853	.4804	.1089	.3471	.0786	.0503

#1	.1350	.2734	1.161	3.437	.5874	1.450
#2	.1346	.2752	1.160	3.452	.5883	1.449
#3	.1351	.2727	1.163	3.461	.5877	1.448

Sample Name: CAL5 Acquired: 5/23/2015 11:12:34 Type: Cal
Method: BC042282015(v10) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.2552	28.97	11.81	.8162
Stddev	.0007	.08	.02	.0049
%RSD	.2600	.2880	.1373	.5969

#1	.2556	28.89	11.80	.8135
#2	.2544	28.98	11.83	.8218
#3	.2555	29.05	11.81	.8133

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3425.8	34391.	14793.
Stddev	4.3	208.	162.
%RSD	.12655	.60395	1.0944

#1	3429.6	34320.	14793.
#2	3426.8	34625.	14955.
#3	3421.1	34228.	14631.

Sample Name: CCV Acquired: 5/23/2015 11:16:26 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	130100.	2587.	1275.	10510.	1056.	131100.
Stddev	380.	10.	2.	5.	4.	252.
%RSD	.2917	.3708	.1950	.0463	.3462	.1920

#1	130000.	2576.	1272.	10510.	1058.	131200.
#2	129800.	2590.	1275.	10510.	1051.	130800.
#3	130500.	2594.	1277.	10520.	1058.	131300.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1310.	2623.	5274.	12890.	105900.	51500.
Stddev	2.	2.	7.	21.	255.	165.
%RSD	.1261	.0769	.1321	.1647	.2405	.3194

#1	1310.	2621.	5279.	12870.	106100.	51530.
#2	1311.	2623.	5266.	12910.	105600.	51320.
#3	1308.	2625.	5278.	12870.	106100.	51640.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	130900.	5315.	130600.	2636.	7891.	1032.
Stddev	205.	7.	267.	3.	14.	3.
%RSD	.1566	.1366	.2041	.1016	.1748	.2692

#1	130900.	5319.	130600.	2634.	7895.	1035.
#2	130700.	5306.	130400.	2639.	7903.	1031.
#3	131100.	5319.	130900.	2634.	7876.	1029.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 5/23/2015 11:16:26 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2574.	2650.	2623.	2636.	1045.	2591.
Stddev	10.	10.	5.	15.	3.	3.
%RSD	.3932	.3647	.1902	.5601	.2890	.1127

#1	2577.	2641.	2629.	2643.	1044.	2589.
#2	2562.	2648.	2621.	2646.	1043.	2590.
#3	2582.	2660.	2620.	2619.	1048.	2595.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1050.	5320.	10610.	10070.
Stddev	1.	64.	9.	179.
%RSD	.1088	1.211	.0824	1.778

#1	1051.	5318.	10620.	10000.
#2	1050.	5257.	10600.	10280.
#3	1049.	5385.	10610.	9943.

Check ?	Chk Pass	Chk Pass	Chk Pass	None
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3474.0	34322.	14195.
Stddev	20.9	134.	242.
%RSD	.60189	.38960	1.7043

#1	3466.9	34250.	14123.
#2	3457.6	34477.	14464.
#3	3497.5	34240.	13997.

Sample Name: CCB Acquired: 5/23/2015 11:20:03 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18.03	-.9034	-.2113	.3764	-.0057	13.07
Stddev	8.38	2.262	.4765	.1712	.0618	.79
%RSD	46.46	250.4	225.5	45.47	1093.	6.042

#1	13.61	.5970	.3165	.5048	-.0683	13.03
#2	27.69	.1979	-.3407	.4423	.0552	12.30
#3	12.79	-3.505	-.6098	.1821	-.0039	13.88

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2492	-.0853	-.0849	.1961	16.57	-5.555
Stddev	.1562	.1322	.4439	.1993	6.06	11.94
%RSD	62.66	154.9	522.7	101.7	36.55	214.9

#1	.3364	-.0456	-.1498	.2852	22.57	-17.67
#2	.0689	-.2328	-.4929	.3354	10.46	6.198
#3	.3423	.0224	.3879	-.0323	16.68	-5.194

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.958	.1200	5.937	.7797	.2432	1.126
Stddev	4.840	.0932	11.87	.3884	1.157	1.199
%RSD	163.6	77.69	199.9	49.81	475.5	106.5

#1	-2.617	.2269	18.49	1.180	.9680	2.453
#2	5.402	.0553	-5.106	.7552	.8522	.1210
#3	6.088	.0779	4.426	.4041	-1.090	.8038

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 5/23/2015 11:20:03 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.202	1.350	.1591	.0320	2.210	.1847
Stddev	3.396	1.386	.2920	.0151	.526	.2974
%RSD	282.4	102.6	183.6	47.16	23.79	161.0
#1	.2337	2.058	.4819	.0483	2.704	.5234
#2	-5.080	-.2461	-.0866	.0186	2.267	.0641
#3	1.239	2.239	.0819	.0290	1.657	-.0334

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.5118	.1496	.4524	-.2447
Stddev	.3779	.0942	.1391	7.034
%RSD	73.82	62.94	30.75	2874.
#1	.2584	.2213	.6130	7.877
#2	.3310	.1846	.3720	-4.208
#3	.9461	.0430	.3722	-4.403

Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3836.9	38887.	15011.
Stddev	17.3	134.	103.
%RSD	.45160	.34357	.68630
#1	3850.5	39041.	15098.
#2	3842.7	38810.	14898.
#3	3817.4	38808.	15038.

Sample Name: CCVL Acquired: 5/23/2015 11:23:55 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	209.1	17.72	10.00	214.6	2.091	5191.
Stddev	7.0	1.47	.70	3.3	.086	19.
%RSD	3.339	8.318	6.969	1.548	4.130	.3640

#1	209.6	17.62	10.76	218.4	2.169	5172.
#2	215.9	19.24	9.866	212.8	1.998	5209.
#3	201.9	16.30	9.387	212.5	2.105	5193.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.523	54.33	10.50	25.37	191.5	4888.
Stddev	.629	1.35	.54	.34	3.1	46.
%RSD	13.92	2.480	5.160	1.356	1.620	.9347

#1	5.233	55.76	10.14	25.06	190.1	4861.
#2	4.303	54.13	11.12	25.31	195.1	4861.
#3	4.033	53.09	10.23	25.74	189.3	4940.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5208.	16.30	5009.	44.46	12.47	18.74
Stddev	29.	.01	24.	1.19	2.69	2.33
%RSD	.5493	.0692	.4802	2.672	21.57	12.44

#1	5175.	16.29	4986.	45.81	15.48	18.38
#2	5226.	16.31	5034.	43.97	10.29	21.23
#3	5224.	16.30	5008.	43.59	11.65	16.61

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCVL Acquired: 5/23/2015 11:23:55 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19.93	22.89	50.95	35.50	49.75	20.64
Stddev	2.94	1.35	.50	1.27	.74	1.16
%RSD	14.78	5.912	.9843	3.563	1.487	5.642
#1	19.36	24.13	50.99	36.91	50.48	21.90
#2	17.31	21.45	50.43	35.15	49.00	19.60
#3	23.12	23.08	51.44	34.45	49.78	20.41

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	53.43	20.76	22.03	F -7.763
Stddev	.78	.06	.11	7.596
%RSD	1.467	.3044	.4875	97.85
#1	53.43	20.82	21.99	-11.34
#2	54.21	20.75	22.15	-12.91
#3	52.64	20.69	21.96	.9613

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				200.0
Range				-30.50%

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3709.7	37358.	14349.
Stddev	30.8	515.	334.
%RSD	.83042	1.3793	2.3285
#1	3725.4	37578.	14734.
#2	3674.2	36769.	14148.
#3	3729.5	37727.	14163.

Sample Name: IC5A 3669293 Acquired: 5/23/2015 11:27:45 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	531500.	-1.956	-1.501	-5.601	-.0444	526300.
Stddev	2755.	3.844	.279	.121	.1143	2533.
%RSD	.5183	196.5	18.61	2.163	257.3	.4813

#1	530800.	-1.315	-1.570	-5.729	.0357	525200.
#2	534500.	-6.080	-1.193	-5.586	.0064	524600.
#3	529200.	1.527	-1.739	-5.488	-.1754	529300.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5389	-2.574	-3.128	-2.842	204700.	-65.26
Stddev	.3122	.165	.320	.574	379.	15.27
%RSD	57.92	6.397	10.24	20.19	.1854	23.40

#1	.8758	-2.399	-3.040	-2.284	204300.	-69.77
#2	.2594	-2.726	-2.860	-2.813	204600.	-48.24
#3	.4815	-2.596	-3.483	-3.430	205100.	-77.77

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	538300.	-1.084	-34.17	4.367	-3.484	-10.41
Stddev	2163.	.151	16.09	1.174	2.663	2.72
%RSD	.4018	13.93	47.09	26.88	76.43	26.13

#1	540400.	-.9156	-51.37	4.078	-1.821	-10.31
#2	536100.	-1.207	-31.68	3.364	-2.077	-7.739
#3	538400.	-1.131	-19.47	5.658	-6.556	-13.17

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: IC5A 3669293 Acquired: 5/23/2015 11:27:45 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-5.767	-2.567	-3.741	-4.810	-1.736	.6077
Stddev	6.696	2.598	.182	.5262	.6573	.9988
%RSD	1161.	101.2	4.873	109.4	378.7	164.4
#1	-5.951	-5.472	-3.531	-8.526	.4747	.2345
#2	-2.704	-.4645	-3.851	.1211	-.8395	-.1507
#3	6.924	-1.765	-3.841	-.7116	-.1560	1.739

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.4339	1.113	-.8043	7.069
Stddev	1.441	.039	.3007	4.223
%RSD	332.1	3.462	37.39	59.73
#1	2.039	1.105	-.4624	10.85
#2	.0123	1.079	-.9227	2.512
#3	-.7494	1.155	-1.028	7.846

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3365.1	33012.	14333.
Stddev	5.0	125.	97.
%RSD	.14922	.37853	.67609
#1	3362.0	32994.	14270.
#2	3370.9	33145.	14283.
#3	3362.5	32897.	14444.

Sample Name: ICSAB 3669313 Acquired: 5/23/2015 11:31:54 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	508400.	97.84	104.5	97.39	101.3	504700.
Stddev	4442.	2.68	1.4	.28	.3	4028.
%RSD	.8739	2.743	1.330	.2881	.2884	.7982

#1	505500.	94.85	104.9	97.10	100.9	500200.
#2	506100.	100.0	103.0	97.66	101.4	507900.
#3	513500.	98.66	105.7	97.41	101.4	505900.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	96.51	94.53	98.56	103.5	196800.	10340.
Stddev	.51	.30	.81	1.3	1299.	50.
%RSD	.5244	.3159	.8248	1.214	.6602	.4842

#1	96.84	94.39	97.97	103.4	195900.	10370.
#2	95.93	94.88	99.49	102.3	198200.	10370.
#3	96.76	94.34	98.23	104.8	196200.	10290.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	522000.	103.3	10480.	99.68	95.32	87.84
Stddev	4507.	.6	23.	1.04	1.94	5.13
%RSD	.8633	.5870	.2217	1.044	2.040	5.845

#1	518500.	102.6	10460.	100.6	95.49	91.62
#2	527100.	103.8	10500.	98.56	93.29	81.99
#3	520500.	103.4	10480.	99.85	97.17	89.90

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 3669313 Acquired: 5/23/2015 11:31:54 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	88.37	96.15	99.64	96.99	99.62	96.43
Stddev	9.46	2.24	.80	.16	1.38	.90
%RSD	10.71	2.330	.8073	.1602	1.388	.9284
#1	99.29	98.21	99.02	96.91	99.14	95.51
#2	83.29	93.76	100.5	97.16	98.54	97.30
#3	82.53	96.47	99.35	96.88	101.2	96.48

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	100.2	104.5	104.5	69.82
Stddev	1.4	.3	.7	6.28
%RSD	1.412	.2576	.6474	8.997
#1	99.96	104.3	103.9	72.24
#2	101.7	104.8	105.2	74.52
#3	98.94	104.5	104.3	62.68

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3426.3	33212.	14146.
Stddev	18.3	383.	134.
%RSD	.53436	1.1533	.94631
#1	3410.4	33545.	14049.
#2	3422.0	32793.	14090.
#3	3446.3	33297.	14299.

Sample Name: INT-10 3676362 Acquired: 5/23/2015 11:35:48 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31.76	3.211	-5.409	-2.432	7.476	-20.47
Stddev	7.62	.564	.538	.166	.179	9.55
%RSD	23.99	17.56	9.956	6.821	2.395	46.64
#1	39.65	3.310	-4.862	-2.584	7.492	-15.76
#2	31.18	3.719	-5.938	-2.255	7.647	-14.19
#3	24.45	2.604	-5.427	-2.458	7.290	-31.46

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3088	10890.	10260.	-1.053	-83.75	-.7393
Stddev	.1190	4.	31.	.199	8.58	2.160
%RSD	38.54	.0362	.3026	18.92	10.24	292.1
#1	.4305	10890.	10260.	-1.031	-77.17	1.695
#2	.1927	10890.	10240.	-.8655	-93.45	-1.488
#3	.3032	10900.	10300.	-1.262	-80.62	-2.425

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-63.18	10200.	60.26	10930.	-3.161	12.50
Stddev	10.74	47.	5.71	17.	.045	2.17
%RSD	17.00	.4562	9.481	.1534	1.414	17.32
#1	-52.03	10240.	64.43	10940.	-3.128	10.00
#2	-64.07	10150.	62.61	10920.	-3.212	13.71
#3	-73.45	10230.	53.75	10950.	-3.143	13.80

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: INT-10 3676362 Acquired: 5/23/2015 11:35:48 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.011	-1.919	5052.	-7.322	41.57	4996.
Stddev	2.954	3.456	10.	.144	.22	3.
%RSD	73.64	180.1	.2038	1.971	.5224	.0511
#1	3.360	.3555	5051.	-7.272	41.33	4994.
#2	1.437	-5.896	5042.	-7.209	41.75	4994.
#3	7.235	-.2163	5062.	-7.484	41.62	4999.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	10580.	10050.	10110.	9891.
Stddev	15.	68.	11.	93.
%RSD	.1426	.6807	.1065	.9442
#1	10570.	10110.	10110.	9869.
#2	10560.	10040.	10100.	9811.
#3	10590.	9977.	10130.	9994.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3773.7	39052.	15203.
Stddev	15.7	246.	82.
%RSD	.41542	.62960	.53958
#1	3780.5	39109.	15288.
#2	3784.8	39264.	15125.
#3	3755.7	38782.	15195.

Sample Name: 460-94877-a-32-b du@ Acquired: 5/23/2015 11:39:47 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31550.	9.608	-8929	274.0	.9923	2226.
Stddev	86.	.913	.3998	.0	.1521	3.
%RSD	.2722	9.508	44.77	.0157	15.33	.1504
#1	31480.	10.12	-1.237	274.0	.9677	2223.
#2	31530.	8.553	-.9882	274.1	.8540	2225.
#3	31650.	10.16	-.4541	274.0	1.155	2230.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3048	4.475	32.89	47.13	41170.	508.5
Stddev	.0860	.657	.18	.41	170.	43.9
%RSD	28.23	14.69	.5556	.8692	.4135	8.634
#1	-.4041	4.950	32.68	46.96	41320.	553.9
#2	-.2519	4.750	32.96	46.83	41190.	466.3
#3	-.2584	3.725	33.03	47.59	40990.	505.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1781.	106.4	85.79	13.94	26.77	.0844
Stddev	3.	.2	5.86	.08	1.83	1.958
%RSD	.1469	.1981	6.836	.5828	6.824	2319.
#1	1784.	106.6	92.22	13.88	25.08	-1.782
#2	1779.	106.2	84.41	14.04	28.71	-.0874
#3	1780.	106.5	80.73	13.91	26.53	2.123

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-32-b du@ Acquired: 5/23/2015 11:39:47 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.635	2.714	51.24	126.9	4.296	2.754
Stddev	2.336	2.712	.42	.5	.524	.380
%RSD	50.41	99.93	.8222	.3705	12.20	13.79

#1	6.322	.0776	51.41	127.1	4.127	2.347
#2	1.968	5.495	51.56	126.4	3.878	2.815
#3	5.614	2.568	50.77	127.3	4.884	3.099

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	7.191	17.93	780.9	1284.
Stddev	1.166	.08	.3	4.
%RSD	16.22	.4394	.0396	.2745

#1	8.199	17.97	781.1	1285.
#2	5.913	17.84	780.9	1281.
#3	7.461	17.98	780.5	1288.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3885.5	38927.	15367.
Stddev	19.9	410.	77.
%RSD	.51219	1.0534	.50259

#1	3862.9	38544.	15393.
#2	3900.4	38877.	15280.
#3	3893.2	39360.	15427.

Sample Name: 460-94877-a-32-a@4 Acquired: 5/23/2015 11:43:32 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31080.	9.394	-8696	116.9	1.080	1949.
Stddev	225.	.199	.5650	.7	.050	17.
%RSD	.7247	2.115	64.98	.6087	4.602	.8666

#1	30920.	9.485	-1.034	116.6	1.102	1933.
#2	30990.	9.532	-1.334	116.4	1.023	1947.
#3	31340.	9.167	-2.406	117.7	1.115	1966.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-4433	4.070	32.02	20.45	41570.	505.3
Stddev	.2931	.138	.10	.17	402.	11.8
%RSD	66.12	3.392	.3077	.8089	.9661	2.342

#1	-1.730	3.914	32.06	20.53	41260.	496.3
#2	-4.021	4.121	31.91	20.56	41430.	500.9
#3	-.7549	4.175	32.09	20.26	42020.	518.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1730.	103.9	52.10	13.04	18.91	-2.574
Stddev	27.	1.1	3.77	.55	.73	.210
%RSD	1.562	1.097	7.233	4.185	3.859	8.161

#1	1704.	102.9	54.17	13.63	18.52	-2.782
#2	1729.	103.8	47.75	12.93	19.75	-2.362
#3	1758.	105.1	54.38	12.56	18.46	-2.580

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-32-a@4 Acquired: 5/23/2015 11:43:32 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.348	1.648	50.98	77.52	4.178	2.485
Stddev	3.908	1.700	.14	.94	.529	.223
%RSD	73.06	103.1	.2832	1.219	12.66	8.967
#1	4.132	.0419	50.82	76.64	4.632	2.239
#2	2.193	1.474	51.05	77.39	4.305	2.674
#3	9.719	3.429	51.08	78.52	3.597	2.543

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.730	14.13	735.0	1182.
Stddev	.715	.04	3.2	3.
%RSD	12.48	.2548	.4377	.2821
#1	5.588	14.09	732.3	1179.
#2	5.096	14.16	734.1	1184.
#3	6.505	14.13	738.6	1184.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3866.5	38825.	15315.
Stddev	20.5	380.	232.
%RSD	.53044	.97961	1.5167
#1	3888.9	38954.	15519.
#2	3862.0	39125.	15365.
#3	3848.7	38398.	15063.

Sample Name: sd 460-94877-a-32-a@ Acquired: 5/23/2015 11:47:20 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6383.	2.010	-.5313	24.07	.1650	403.0
Stddev	27.	3.247	.4381	.54	.0805	6.0
%RSD	.4219	161.5	82.46	2.246	48.80	1.477

#1	6372.	.9609	-.5886	24.67	.2492	408.7
#2	6363.	5.653	-.0674	23.62	.0887	396.8
#3	6413.	-.5824	-.9379	23.91	.1571	403.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0278	.6103	6.218	3.945	8645.	108.2
Stddev	.0779	.1225	.287	.424	25.	32.8
%RSD	279.9	20.06	4.619	10.74	.2856	30.31

#1	-.1131	.4716	6.505	3.493	8665.	83.97
#2	-.0101	.7035	5.930	4.334	8617.	145.6
#3	.0396	.6560	6.219	4.007	8652.	95.16

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	364.8	21.29	10.15	2.413	2.777	.8830
Stddev	8.6	.17	2.97	.625	2.618	.8477
%RSD	2.360	.8090	29.32	25.90	94.28	95.99

#1	371.6	21.38	11.57	3.064	5.390	1.266
#2	355.1	21.09	6.727	2.360	2.789	1.471
#3	367.7	21.39	12.14	1.817	.1532	-.0886

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-94877-a-32-a@ Acquired: 5/23/2015 11:47:20 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.602	.9297	10.52	16.07	.9352	.3069
Stddev	.227	2.729	.39	.26	.6473	.4716
%RSD	14.15	293.5	3.747	1.590	69.21	153.7
#1	1.347	2.781	10.97	16.32	.6060	.8100
#2	1.681	-2.204	10.23	15.81	1.681	-.1251
#3	1.779	2.212	10.36	16.07	.5186	.2357

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.324	2.907	150.6	241.4
Stddev	.631	.039	.3	4.9
%RSD	47.66	1.349	.1663	2.010
#1	1.740	2.929	150.6	239.0
#2	.5980	2.861	150.3	247.0
#3	1.634	2.929	150.8	238.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3809.6	38458.	14910.
Stddev	27.2	360.	131.
%RSD	.71355	.93479	.87696
#1	3826.0	38267.	14858.
#2	3824.5	38873.	15059.
#3	3778.2	38235.	14813.

Sample Name: 460-94877-a-32-c ms Acquired: 5/23/2015 11:51:09 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	37480.	986.9	25.70	1218.	27.99	12130.
Stddev	196.	7.7	.68	6.	.17	86.
%RSD	.5224	.7817	2.633	.4934	.5954	.7096

#1	37300.	978.3	25.29	1212.	27.87	12040.
#2	37450.	993.1	25.33	1219.	28.18	12160.
#3	37690.	989.5	26.48	1224.	27.92	12200.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25.46	268.5	141.9	155.0	42020.	10070.
Stddev	.10	1.5	.6	2.0	260.	37.
%RSD	.4030	.5605	.4121	1.313	.6197	.3689

#1	25.47	266.8	141.4	152.8	41770.	10040.
#2	25.35	269.1	141.8	155.4	42010.	10060.
#3	25.55	269.6	142.5	156.8	42290.	10110.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12090.	376.0	10120.	283.2	292.3	165.1
Stddev	90.	2.3	41.	.6	1.6	.5
%RSD	.7404	.6065	.4028	.2124	.5629	.2824

#1	12000.	373.8	10080.	282.8	293.8	165.0
#2	12100.	375.7	10130.	282.9	290.5	164.7
#3	12180.	378.4	10160.	283.9	292.7	165.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-32-c.ms Acquired: 5/23/2015 11:51:09 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	973.1	1108.	315.2	353.7	248.8	245.5
Stddev	4.4	5.	2.8	1.0	1.5	2.4
%RSD	.4504	.4416	.8835	.2765	.5875	.9611
#1	968.4	1104.	312.3	353.4	247.1	242.8
#2	973.9	1114.	315.5	353.0	249.5	246.7
#3	977.1	1107.	317.8	354.8	249.8	247.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	249.4	278.1	1170.	1850.
Stddev	1.2	1.1	7.	13.
%RSD	.4917	.3818	.5784	.7191
#1	248.1	276.9	1163.	1836.
#2	249.4	278.4	1171.	1862.
#3	250.6	278.9	1176.	1853.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3849.1	38793.	15406.
Stddev	15.6	71.	100.
%RSD	.40443	.18183	.64993
#1	3831.7	38728.	15293.
#2	3854.0	38868.	15482.
#3	3861.7	38783.	15444.

Sample Name: pds 460-94877-a-32-a Acquired: 5/23/2015 11:54:51 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	34330.	1953.	53.38	2180.	53.93	22160.
Stddev	26.	5.	.90	2.	.23	126.
%RSD	.0771	.2652	1.691	.0813	.4331	.5704
#1	34330.	1950.	52.89	2178.	53.74	22030.
#2	34300.	1959.	52.83	2182.	54.19	22160.
#3	34360.	1951.	54.42	2181.	53.86	22280.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50.82	528.9	243.2	275.7	43480.	18990.
Stddev	.09	.4	2.4	.5	179.	26.
%RSD	.1759	.0704	.9795	.1777	.4117	.1356
#1	50.92	528.7	240.5	275.9	43300.	18990.
#2	50.82	528.7	244.2	276.0	43490.	19020.
#3	50.74	529.3	245.0	275.1	43660.	18970.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21610.	629.4	20120.	544.2	545.7	460.2
Stddev	125.	2.9	11.	2.0	1.7	3.3
%RSD	.5770	.4555	.0556	.3613	.3195	.7101
#1	21460.	626.5	20110.	544.1	545.9	463.1
#2	21660.	629.6	20130.	542.2	543.9	460.9
#3	21690.	632.2	20120.	546.2	547.3	456.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-94877-a-32-a Acquired: 5/23/2015 11:54:51 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1944.	2183.	567.9	600.9	500.6	490.7
Stddev	8.	7.	1.8	.8	.8	.8
%RSD	.3860	.3142	.3116	.1402	.1578	.1714
#1	1951.	2175.	566.4	599.9	501.5	491.4
#2	1945.	2188.	567.4	601.5	500.5	489.8
#3	1936.	2186.	569.8	601.3	499.9	490.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	518.4	530.9	1282.	1298.
Stddev	1.0	1.1	3.	8.
%RSD	.1976	.2060	.2053	.6398
#1	517.2	531.9	1279.	1307.
#2	519.0	531.1	1283.	1298.
#3	519.0	529.7	1284.	1290.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3711.7	37291.	14820.
Stddev	6.9	171.	134.
%RSD	.18712	.45883	.90427
#1	3704.1	37365.	14952.
#2	3713.3	37414.	14825.
#3	3717.7	37096.	14684.

Sample Name: 460-94877-a-31-a@4 Acquired: 5/23/2015 11:58:25 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	44230.	12.14	.2558	17670.	1.682	9603.
Stddev	195.	2.44	.5309	9.	.042	47.
%RSD	.4413	20.14	207.5	.0530	2.522	.4891
#1	44010.	9.680	-.2487	17670.	1.634	9575.
#2	44330.	12.17	.8096	17660.	1.697	9577.
#3	44360.	14.57	.2065	17680.	1.715	9657.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.245	11.43	169.1	3066.	36450.	1881.
Stddev	.128	.17	.6	5.	169.	9.
%RSD	5.712	1.491	.3769	.1554	.4623	.4845
#1	2.303	11.29	169.5	3065.	36310.	1876.
#2	2.334	11.39	168.4	3071.	36410.	1875.
#3	2.098	11.62	169.5	3062.	36640.	1891.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4770.	450.6	635.7	34.67	1420.	.4113
Stddev	38.	1.2	3.1	.57	7.	1.301
%RSD	.7924	.2615	.4894	1.640	.5201	316.3
#1	4760.	450.0	635.1	35.15	1420.	1.913
#2	4739.	449.9	639.1	34.04	1413.	-.3233
#3	4812.	452.0	633.0	34.81	1428.	-.3561

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-31-a@4 Acquired: 5/23/2015 11:58:25 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.669	.5567	62.99	F 8078.	33.63	3.817
Stddev	4.429	2.576	.38	57.	1.22	.134
%RSD	265.4	462.8	.6050	.7116	3.639	3.504
#1	2.034	-1.809	63.41	8043.	34.01	3.760
#2	-2.931	.1772	62.66	8046.	34.62	3.970
#3	5.904	3.301	62.89	8144.	32.26	3.722
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5000.		
Low Limit				-50.00		

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	109.6	321.5	670.3	1886.
Stddev	1.6	1.0	.5	14.
%RSD	1.491	.3230	.0691	.7448
#1	109.6	320.4	670.2	1893.
#2	108.0	322.5	669.9	1894.
#3	111.2	321.5	670.8	1869.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3757.6	37674.	14889.
Stddev	21.1	294.	180.
%RSD	.56122	.78019	1.2082
#1	3767.0	37765.	14986.
#2	3772.4	37912.	14999.
#3	3733.5	37345.	14681.

Sample Name: lcssrm 460-300298/2- Acquired: 5/23/2015 12:02:07 Type: QC

Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	32260.	665.6	184.4	1011.	471.6	30710.
Stddev	91.	.6	1.7	2.	.9	21.
%RSD	.2814	.0904	.9413	.1936	.1901	.0695

#1	32160.	666.3	183.5	1009.	470.5	30690.
#2	32260.	665.4	186.4	1013.	472.0	30730.
#3	32350.	665.1	183.4	1011.	472.1	30720.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	510.0	809.5	697.8	816.0	80050.	11790.
Stddev	.9	1.4	.3	1.0	51.	51.
%RSD	.1815	.1773	.0450	.1240	.0636	.4363

#1	509.0	807.9	697.9	817.1	80080.	11730.
#2	510.1	810.1	697.4	816.0	80070.	11820.
#3	510.9	810.5	698.0	815.1	79990.	11820.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13330.	1590.	3703.	669.4	681.8	762.3
Stddev	51.	2.	11.	1.6	2.5	2.2
%RSD	.3805	.1076	.2952	.2428	.3663	.2923

#1	13300.	1589.	3691.	667.5	679.9	764.7
#2	13390.	1592.	3710.	670.6	684.6	760.3
#3	13300.	1590.	3709.	670.0	680.9	761.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-300298/2- Acquired: 5/23/2015 12:02:07 Type: QC

Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	850.9	794.4	557.7	963.7	682.2	572.6
Stddev	2.3	5.4	1.0	1.5	1.8	1.6
%RSD	.2707	.6858	.1706	.1570	.2581	.2867

#1	848.8	790.4	557.0	962.4	680.4	572.1
#2	853.3	800.6	557.4	963.3	683.9	574.4
#3	850.5	792.1	558.8	965.4	682.5	571.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	672.5	520.8	1404.	1877.
Stddev	1.3	.5	2.	30.
%RSD	.1981	.1006	.1233	1.608

#1	673.5	521.1	1405.	1912.
#2	671.0	520.2	1402.	1856.
#3	673.1	521.0	1403.	1863.

Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3813.8	38343.	15433.
Stddev	4.0	93.	220.
%RSD	.10449	.24374	1.4237

#1	3818.3	38423.	15685.
#2	3810.6	38240.	15327.
#3	3812.5	38366.	15286.

Sample Name: CCV Acquired: 5/23/2015 12:05:42 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	127200.	2551.	1250.	10320.	1036.	128200.
Stddev	397.	1.	5.	17.	3.	1143.
%RSD	.3124	.0548	.4392	.1626	.2831	.8915

#1	127300.	2549.	1256.	10340.	1036.	128400.
#2	127500.	2551.	1245.	10320.	1039.	129300.
#3	126700.	2552.	1248.	10310.	1033.	127000.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1284.	2573.	5170.	12620.	103700.	50470.
Stddev	4.	6.	42.	91.	677.	169.
%RSD	.3484	.2174	.8214	.7192	.6530	.3355

#1	1289.	2579.	5173.	12670.	103700.	50440.
#2	1280.	2570.	5210.	12520.	104400.	50650.
#3	1284.	2569.	5125.	12680.	103000.	50310.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	128200.	5211.	128000.	2586.	7747.	1018.
Stddev	974.	34.	216.	9.	29.	2.
%RSD	.7597	.6523	.1691	.3663	.3794	.1975

#1	128200.	5215.	128000.	2596.	7780.	1018.
#2	129100.	5242.	128200.	2583.	7733.	1017.
#3	127200.	5175.	127700.	2578.	7726.	1021.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 5/23/2015 12:05:42 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2528.	2594.	2571.	2588.	1022.	2535.
Stddev	9.	10.	8.	18.	3.	1.
%RSD	.3686	.3699	.3100	.7109	.3247	.0435

#1	2518.	2603.	2572.	2609.	1018.	2534.
#2	2537.	2584.	2578.	2579.	1023.	2536.
#3	2528.	2595.	2562.	2575.	1025.	2535.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1031.	5263.	10410.	9879.
Stddev	4.	16.	27.	193.
%RSD	.3725	.2990	.2594	1.951

#1	1035.	5252.	10430.	9981.
#2	1028.	5281.	10430.	9657.
#3	1029.	5257.	10380.	9999.

Check ?	Chk Pass	Chk Pass	Chk Pass	None
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3508.6	34824.	14413.
Stddev	28.6	552.	370.
%RSD	.81436	1.5856	2.5700

#1	3476.1	34703.	14396.
#2	3519.9	34342.	14052.
#3	3529.7	35427.	14792.

Sample Name: CCB Acquired: 5/23/2015 12:09:19 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.547	-1.380	-.4289	.4887	-.0225	15.18
Stddev	14.73	4.213	.7278	.3402	.1326	4.24
%RSD	415.3	305.3	169.7	69.61	588.1	27.95

#1	14.22	3.025	.3837	.8793	.1304	20.02
#2	-13.26	-1.795	-1.021	.3294	-.1048	12.13
#3	9.675	-5.370	-.6495	.2574	-.0932	13.38

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2214	.0041	.1178	.3806	7.945	17.40
Stddev	.1094	.2082	.4668	.2991	10.50	6.69
%RSD	49.44	5062.	396.3	78.58	132.2	38.46

#1	.3161	.0232	.1803	.5799	4.956	23.61
#2	.1016	-.2130	.5502	.5254	-.7414	10.31
#3	.2464	.2022	-.3771	.0367	19.62	18.29

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.136	.1819	7.550	.4239	.2619	1.376
Stddev	10.49	.1205	8.142	.3213	1.096	2.595
%RSD	491.0	66.24	107.8	75.79	418.6	188.6

#1	8.762	.3184	16.82	.3002	1.515	3.882
#2	-12.16	.0906	4.243	.1829	-.2104	1.545
#3	-3.011	.1365	1.581	.7887	-.5192	-1.299

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 5/23/2015 12:09:19 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5242	-.2596	.4756	.1291	2.221	.2842
Stddev	2.075	1.023	.0164	.3704	.770	.3728
%RSD	395.7	394.1	3.439	287.0	34.68	131.2
#1	-1.277	.8849	.4910	.5303	2.985	.2517
#2	.0567	-.5784	.4584	.0568	2.233	.6723
#3	2.793	-1.085	.4773	-.1999	1.445	-.0712

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.5380	.2254	.5204	-.2030
Stddev	.0282	.1806	.3505	17.00
%RSD	5.236	80.13	67.35	8371.
#1	.5566	.4313	.8964	16.67
#2	.5056	.1508	.2027	-17.32
#3	.5517	.0940	.4622	.0381

Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3790.5	38365.	14720.
Stddev	30.0	125.	81.
%RSD	.79123	.32682	.55317
#1	3790.0	38503.	14743.
#2	3820.8	38335.	14629.
#3	3760.8	38258.	14787.

Sample Name: CCVL Acquired: 5/23/2015 12:13:12 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	191.6	17.35	8.591	198.7	1.870	4807.
Stddev	8.2	3.22	.760	5.8	.118	36.
%RSD	4.255	18.59	8.848	2.938	6.317	.7524

#1	189.9	14.13	8.178	195.1	1.859	4768.
#2	200.5	17.33	9.468	195.4	1.758	4812.
#3	184.4	20.58	8.127	205.4	1.994	4840.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.490	50.48	9.670	22.93	179.4	4492.
Stddev	1.001	1.96	.425	.21	6.5	24.
%RSD	22.30	3.878	4.392	.9264	3.635	.5361

#1	3.966	49.08	9.376	23.03	181.3	4507.
#2	3.860	49.65	9.478	22.69	184.8	4464.
#3	5.645	52.72	10.16	23.08	172.2	4504.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4806.	15.05	4599.	41.55	12.86	15.81
Stddev	30.	.04	19.	1.99	5.57	.74
%RSD	.6187	.2517	.4042	4.784	43.32	4.687

#1	4776.	15.09	4618.	40.49	9.159	15.23
#2	4806.	15.01	4597.	40.32	10.15	16.65
#3	4835.	15.05	4581.	43.84	19.26	15.57

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCVL Acquired: 5/23/2015 12:13:12 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23.97	22.45	47.09	33.81	45.99	19.03
Stddev	4.66	1.81	.07	1.81	.46	1.56
%RSD	19.43	8.046	.1549	5.359	.9920	8.182
#1	29.31	21.59	47.15	32.72	46.27	18.14
#2	21.76	21.24	47.11	32.81	45.46	18.12
#3	20.82	24.53	47.01	35.90	46.24	20.83

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	49.15	19.12	20.17	F -.5044
Stddev	1.34	.05	.03	8.231
%RSD	2.728	.2471	.1350	1632.
#1	47.68	19.18	20.20	3.996
#2	49.48	19.09	20.15	4.495
#3	50.30	19.10	20.16	-10.00

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				200.0
Range				-30.50%

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3762.5	37525.	14380.
Stddev	27.4	331.	180.
%RSD	.72792	.88176	1.2536
#1	3792.5	37857.	14558.
#2	3756.2	37522.	14383.
#3	3738.8	37196.	14197.

Sample Name: mb 460-300298/1-a@2 Acquired: 5/23/2015 12:17:02 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.783	1.716	-6696	.1797	.0597	7.463
Stddev	7.163	.710	.4142	.2245	.0955	.346
%RSD	149.7	41.38	61.86	124.9	160.0	4.639
#1	-1.899	2.493	-.6111	.4147	.1652	7.699
#2	12.34	1.100	-1.110	.1571	.0345	7.065
#3	3.903	1.555	-.2878	-.0326	-.0207	7.623

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1147	-.1381	-.6236	-.0626	8.351	14.15
Stddev	.1294	.0866	.1575	.1944	4.517	10.55
%RSD	112.8	62.73	25.25	310.5	54.09	74.55
#1	.1600	-.2148	-.5564	-.2072	12.77	25.42
#2	-.0312	-.0441	-.8036	.1584	8.549	12.53
#3	.2154	-.1554	-.5109	-.1391	3.738	4.509

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.920	.0014	-8.035	.6055	-.7044	.1951
Stddev	1.796	.0121	7.000	.2220	1.461	1.834
%RSD	45.80	883.7	87.12	36.66	207.5	939.9
#1	-5.650	-.0099	-16.02	.4276	.7365	2.262
#2	-4.045	.0141	-5.155	.5347	-.6644	-.4419
#3	-2.066	-.0002	-2.934	.8543	-2.185	-1.235

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Sample Name: mb 460-300298/1-a@2 Acquired: 5/23/2015 12:17:02 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1184	-1.615	-.3305	-.0398	.4018	-.0086
Stddev	1.253	.784	.2556	.1056	.4035	.3005
%RSD	1058.	48.59	77.35	265.0	100.4	3482.
#1	-1.137	-2.476	-.2826	.0563	.7380	.3378
#2	.1233	-1.428	-.1022	-.0229	-.0456	-.1653
#3	1.369	-.9402	-.6067	-.1529	.5131	-.1984

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.5819	-.0320	-.0682	-5.734
Stddev	1.232	.0540	.1015	13.45
%RSD	211.8	168.5	148.9	234.6
#1	1.725	.0143	-.1455	1.425
#2	.7447	-.0913	.0468	2.621
#3	-.7239	-.0191	-.1059	-21.25

Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3868.5	39041.	15091.
Stddev	10.3	802.	610.
%RSD	.26660	2.0530	4.0449
#1	3880.4	38119.	14409.
#2	3863.2	39434.	15586.
#3	3861.9	39570.	15278.

Sample Name: 460-94877-a-33-b@4 Acquired: 5/23/2015 12:20:55 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22760.	10.19	-6501	1532.	1.020	2079.
Stddev	17.	2.07	.5542	1.	.142	4.
%RSD	.0762	20.31	85.25	.0646	13.94	.1988
#1	22760.	12.37	-1.093	1531.	1.069	2075.
#2	22780.	9.932	-.0286	1533.	.8601	2082.
#3	22740.	8.255	-.8288	1532.	1.131	2082.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2193	7.731	42.49	124.1	31160.	936.7
Stddev	.1952	.173	.41	.9	76.	16.2
%RSD	89.02	2.239	.9599	.7107	.2433	1.730
#1	-.0046	7.803	42.42	123.2	31150.	922.1
#2	.3540	7.534	42.12	125.0	31080.	954.1
#3	.3086	7.857	42.93	124.2	31230.	933.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3038.	310.4	89.19	20.97	228.5	-.4345
Stddev	20.	1.2	2.56	.60	1.3	.7328
%RSD	.6580	.3898	2.865	2.841	.5813	168.6
#1	3017.	311.5	86.34	20.48	229.3	-.2394
#2	3056.	309.1	91.27	20.81	227.0	-1.245
#3	3041.	310.7	89.97	21.63	229.3	.1810

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-33-b@4 Acquired: 5/23/2015 12:20:55 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.393	1.662	46.12	830.3	6.979	1.881
Stddev	3.016	1.842	.29	.2	.719	.234
%RSD	216.6	110.8	.6294	.0225	10.30	12.44
#1	2.750	-.0019	46.07	830.3	6.753	1.611
#2	3.491	3.641	45.86	830.2	7.784	2.023
#3	-2.064	1.346	46.43	830.5	6.400	2.009

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	9.286	25.43	692.8	1098.
Stddev	.281	.07	1.2	13.
%RSD	3.026	.2561	.1687	1.152
#1	9.514	25.39	693.3	1084.
#2	9.374	25.40	691.5	1110.
#3	8.972	25.51	693.7	1099.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3889.5	39248.	15401.
Stddev	11.5	168.	58.
%RSD	.29470	.42760	.37910
#1	3877.1	39056.	15344.
#2	3891.8	39320.	15461.
#3	3899.7	39368.	15399.

Sample Name: 460-94877-a-34-d@4 Acquired: 5/23/2015 12:24:40 Type: Unk

Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31290.	12.66	-.6176	2223.	1.289	8100.
Stddev	16.	1.41	.1019	3.	.056	126.
%RSD	.0520	11.16	16.50	.1338	4.341	1.549

#1	31300.	12.48	-.6187	2226.	1.294	8161.
#2	31300.	11.34	-.7190	2223.	1.231	8184.
#3	31270.	14.15	-.5152	2220.	1.342	7956.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1843	9.816	86.52	234.2	46570.	1054.
Stddev	.0873	.216	.97	1.4	678.	11.
%RSD	47.36	2.198	1.124	.5873	1.457	1.007

#1	.0971	9.793	86.94	235.0	46980.	1047.
#2	.1842	10.04	87.22	232.7	46940.	1049.
#3	.2717	9.613	85.41	235.1	45790.	1066.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3824.	367.9	218.4	39.82	241.8	-.7141
Stddev	57.	4.8	4.8	1.29	1.6	.8185
%RSD	1.501	1.295	2.180	3.243	.6499	114.6

#1	3850.	370.4	220.0	41.24	242.7	-1.209
#2	3864.	370.9	213.1	39.50	240.0	.2307
#3	3758.	362.4	222.3	38.72	242.7	-1.164

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-34-d@4 Acquired: 5/23/2015 12:24:40 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.645	1.943	68.25	1257.	20.16	3.834
Stddev	1.979	1.389	.47	17.	.20	.515
%RSD	120.4	71.48	.6892	1.356	1.010	13.43
#1	-6269	1.165	68.52	1269.	19.94	4.352
#2	3.000	3.546	68.52	1265.	20.35	3.323
#3	2.560	1.118	67.71	1238.	20.18	3.826

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	8.532	56.43	923.2	1073.
Stddev	.280	.13	5.9	13.
%RSD	3.282	.2224	.6375	1.228
#1	8.771	56.38	927.7	1081.
#2	8.601	56.34	925.5	1081.
#3	8.224	56.57	916.5	1058.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3797.5	37860.	14626.
Stddev	63.8	1191.	164.
%RSD	1.6788	3.1465	1.1207
#1	3752.9	37288.	14572.
#2	3769.1	37063.	14496.
#3	3870.5	39229.	14810.

Sample Name: 460-94877-a-35-b@4 Acquired: 5/23/2015 12:28:24 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22760.	10.86	.0851	953.0	1.225	13800.
Stddev	51.	1.10	.0227	2.8	.094	56.
%RSD	.2227	10.10	26.72	.2916	7.710	.4038
#1	22730.	10.17	.0864	951.3	1.323	13790.
#2	22740.	12.13	.0617	951.4	1.135	13750.
#3	22820.	10.30	.1072	956.2	1.217	13860.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5184	18.74	383.1	168.9	49250.	1102.
Stddev	.0609	.02	1.2	.8	165.	10.
%RSD	11.74	.1286	.3005	.4758	.3358	.9046
#1	.5779	18.75	382.4	169.8	49180.	1107.
#2	.4563	18.75	382.4	168.2	49130.	1090.
#3	.5210	18.71	384.4	168.8	49430.	1108.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11560.	454.5	443.3	224.9	229.4	2.675
Stddev	53.	1.9	3.4	.8	1.3	1.287
%RSD	.4606	.4152	.7703	.3739	.5495	48.13
#1	11540.	454.0	445.7	224.5	230.7	2.600
#2	11530.	452.9	444.9	225.9	228.1	3.998
#3	11630.	456.5	439.4	224.4	229.4	1.427

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-35-b@4 Acquired: 5/23/2015 12:28:24 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.177	1.248	180.5	665.5	46.80	8.223
Stddev	2.879	.348	.8	3.1	.58	.499
%RSD	132.2	27.90	.4284	.4666	1.249	6.071
#1	-0.6630	1.559	180.5	662.2	46.40	7.688
#2	2.101	1.315	179.7	665.8	47.47	8.304
#3	5.093	.8715	181.3	668.4	46.53	8.676

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	13.97	61.35	1148.	1040.
Stddev	.57	.11	2.	14.
%RSD	4.055	.1870	.1935	1.304
#1	14.00	61.23	1148.	1041.
#2	14.51	61.34	1145.	1026.
#3	13.38	61.46	1150.	1053.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3905.8	39708.	15917.
Stddev	5.1	175.	49.
%RSD	.13046	.44043	.31017
#1	3909.3	39780.	15962.
#2	3908.3	39835.	15925.
#3	3900.0	39508.	15864.

Sample Name: 460-94877-a-36-b@4 Acquired: 5/23/2015 12:32:07 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18750.	11.96	-4324	2161.	1.048	4003.
Stddev	36.	2.07	.3438	1.	.060	24.
%RSD	.1941	17.28	79.52	.0590	5.743	.5929

#1	18710.	14.34	-.2791	2160.	.9942	3984.
#2	18770.	10.68	-.1919	2161.	1.113	3995.
#3	18770.	10.85	-.8262	2163.	1.036	4029.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4047	7.376	50.00	286.7	27700.	1084.
Stddev	.0949	.222	.19	.8	111.	20.
%RSD	23.45	3.013	.3722	.2622	.4016	1.812

#1	.4576	7.146	49.79	286.1	27590.	1062.
#2	.4612	7.590	50.16	286.5	27720.	1088.
#3	.2951	7.392	50.04	287.5	27810.	1101.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3008.	346.3	117.9	19.34	333.9	-.0150
Stddev	11.	1.1	.8	.85	1.9	2.260
%RSD	.3542	.3287	.6744	4.378	.5693	15100.

#1	2997.	345.0	116.9	19.67	334.2	-.7721
#2	3018.	346.6	118.3	18.38	335.6	2.526
#3	3009.	347.2	118.3	19.97	331.8	-1.799

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-36-b@4 Acquired: 5/23/2015 12:32:07 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8502	.9140	43.82	1064.	5.556	1.516
Stddev	4.046	.8626	.35	2.	.544	.322
%RSD	475.9	94.37	.8055	.2294	9.797	21.23
#1	-2.600	.4904	43.58	1061.	5.126	1.327
#2	5.304	.3452	43.66	1065.	6.168	1.888
#3	-.1532	1.907	44.23	1065.	5.374	1.333

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	15.80	55.76	653.1	933.3
Stddev	.58	.19	.3	12.6
%RSD	3.652	.3474	.0452	1.355
#1	15.19	55.59	653.4	938.5
#2	15.87	55.72	652.9	942.5
#3	16.34	55.97	653.0	918.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3863.8	39002.	15395.
Stddev	4.7	81.	154.
%RSD	.12094	.20847	.99710
#1	3862.0	39030.	15540.
#2	3860.2	39065.	15411.
#3	3869.1	38910.	15234.

Sample Name: 460-94877-a-37-b@4 Acquired: 5/23/2015 12:35:51 Type: Unk

Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16880.	8.085	-7494	493.1	1.140	9224.
Stddev	83.	1.602	.4905	.8	.022	49.
%RSD	.4935	19.82	65.45	.1652	1.907	.5274

#1	16980.	9.908	-.7878	492.2	1.157	9184.
#2	16830.	7.444	-1.220	493.8	1.147	9210.
#3	16840.	6.903	-.2409	493.3	1.116	9278.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5920	10.65	41.45	80.92	28640.	1300.
Stddev	.0934	.33	.16	.38	95.	15.
%RSD	15.78	3.065	.3880	.4725	.3308	1.168

#1	.6560	10.41	41.59	80.52	28590.	1299.
#2	.6352	10.52	41.28	81.29	28590.	1315.
#3	.4848	11.02	41.49	80.95	28750.	1285.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6545.	485.7	189.4	29.42	311.7	-.7426
Stddev	20.	.6	3.1	.51	2.1	.6954
%RSD	.3110	.1255	1.615	1.748	.6607	93.65

#1	6533.	485.5	185.9	28.83	310.7	-1.513
#2	6533.	485.3	191.4	29.78	314.1	-.5547
#3	6569.	486.4	191.0	29.66	310.3	-.1604

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-37-b@4 Acquired: 5/23/2015 12:35:51 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3192	.9358	44.05	365.2	5.036	.9814
Stddev	4.807	.8440	.05	2.1	.204	.2228
%RSD	1506.	90.20	.1216	.5638	4.046	22.70
#1	5.857	.6944	44.10	363.3	4.953	.9598
#2	-2.779	1.874	44.05	364.9	4.887	.7702
#3	-2.120	.2387	44.00	367.4	5.268	1.214

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	11.06	59.59	738.8	914.9
Stddev	.67	.22	1.3	24.0
%RSD	6.100	.3675	.1743	2.623
#1	11.48	59.75	737.8	887.2
#2	11.42	59.34	738.3	930.1
#3	10.28	59.67	740.3	927.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3916.5	39906.	15601.
Stddev	13.5	50.	349.
%RSD	.34573	.12427	2.2364
#1	3931.0	39949.	15198.
#2	3914.5	39918.	15788.
#3	3904.1	39852.	15815.

Sample Name: 460-94877-a-38-b@4 Acquired: 5/23/2015 12:39:36 Type: Unk

Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	28650.	12.52	-.5309	1324.	1.735	19950.
Stddev	84.	1.44	.4853	4.	.148	115.
%RSD	.2929	11.51	91.41	.3063	8.508	.5738

#1	28590.	11.77	-.0736	1329.	1.801	19830.
#2	28620.	11.60	-.4791	1322.	1.839	19950.
#3	28750.	14.18	-1.040	1322.	1.566	20060.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4420	19.58	119.4	136.4	51220.	2385.
Stddev	.1191	.27	1.2	.2	198.	9.
%RSD	26.95	1.382	.9764	.1414	.3872	.3830

#1	.3496	19.60	118.4	136.2	51070.	2377.
#2	.5764	19.85	119.2	136.5	51160.	2383.
#3	.3999	19.31	120.7	136.6	51450.	2395.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10680.	840.7	540.9	54.92	595.0	.4889
Stddev	48.	3.5	7.0	.82	1.2	1.024
%RSD	.4535	.4204	1.286	1.495	.2095	209.4

#1	10640.	838.5	534.0	54.17	594.1	.5146
#2	10670.	839.0	547.9	55.80	596.4	-.5473
#3	10740.	844.8	540.8	54.80	594.5	1.499

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-38-b@4 Acquired: 5/23/2015 12:39:36 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.394	-.4565	76.55	824.2	13.41	6.311
Stddev	3.987	1.665	.27	5.6	.45	.204
%RSD	166.5	364.7	.3559	.6836	3.370	3.236
#1	-6.843	.4579	76.38	818.5	13.66	6.101
#2	-1.195	-2.378	76.86	824.2	12.89	6.323
#3	.8560	.5507	76.40	829.8	13.68	6.509

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	15.23	94.53	1151.	1292.
Stddev	.80	.16	2.	24.
%RSD	5.247	.1699	.1824	1.832
#1	16.11	94.69	1148.	1265.
#2	15.00	94.37	1151.	1305.
#3	14.57	94.53	1152.	1306.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3888.6	39386.	15681.
Stddev	19.9	204.	102.
%RSD	.51300	.51844	.64969
#1	3907.4	39498.	15760.
#2	3890.8	39510.	15717.
#3	3867.6	39151.	15566.

Sample Name: 460-94877-a-39-b@4 Acquired: 5/23/2015 12:43:19 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18820.	14.11	-8133	2808.	1.098	1505.
Stddev	45.	1.39	.2847	10.	.052	14.
%RSD	.2410	9.840	35.01	.3634	4.754	.9616
#1	18780.	15.16	-.5855	2799.	1.061	1517.
#2	18830.	12.53	-.7219	2807.	1.157	1489.
#3	18870.	14.62	-1.132	2819.	1.075	1508.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4178	8.284	54.06	260.0	36940.	906.2
Stddev	.0939	.309	.29	2.2	139.	10.6
%RSD	22.47	3.725	.5375	.8295	.3765	1.168
#1	.3786	8.139	54.36	258.2	36820.	895.3
#2	.3498	8.074	54.05	259.3	36910.	906.8
#3	.5249	8.638	53.78	262.4	37090.	916.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2376.	358.1	83.58	16.46	324.6	.5920
Stddev	10.	.8	5.78	.70	2.7	.4544
%RSD	.4015	.2265	6.919	4.283	.8303	76.77
#1	2365.	358.0	77.85	17.22	322.1	.9038
#2	2381.	357.3	83.49	16.32	324.3	.0706
#3	2382.	358.9	89.42	15.83	327.4	.8016

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-39-b@4 Acquired: 5/23/2015 12:43:19 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.659	1.731	40.88	1033.	3.807	2.578
Stddev	2.778	.108	.39	3.	.233	.074
%RSD	167.4	6.214	.9658	.2869	6.109	2.867
#1	-.3467	1.736	40.43	1032.	3.549	2.495
#2	-4.850	1.621	41.17	1031.	3.870	2.635
#3	.2197	1.836	41.03	1036.	4.001	2.605

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	9.259	28.80	720.3	1207.
Stddev	.555	.14	2.1	14.
%RSD	5.996	.4758	.2938	1.134
#1	9.150	28.88	718.3	1191.
#2	8.767	28.64	720.0	1217.
#3	9.861	28.89	722.5	1211.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3867.6	39145.	15412.
Stddev	14.5	290.	158.
%RSD	.37385	.73994	1.0273
#1	3850.9	38813.	15230.
#2	3876.8	39345.	15482.
#3	3875.1	39276.	15523.

Sample Name: 460-94877-a-40-b@4 Acquired: 5/23/2015 12:47:02 Type: Unk

Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22180.	14.50	-.6344	5536.	1.070	3186.
Stddev	100.	2.36	.9332	4.	.170	15.
%RSD	.4508	16.25	147.1	.0665	15.84	.4643

#1	22100.	12.24	-1.262	5541.	1.034	3169.
#2	22290.	14.31	-1.079	5535.	1.255	3193.
#3	22160.	16.94	.4380	5533.	.9220	3196.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2642	7.235	60.59	766.7	32500.	1054.
Stddev	.1292	.124	.24	.6	116.	24.
%RSD	48.89	1.711	.3975	.0828	.3578	2.269

#1	.2144	7.274	60.63	766.0	32490.	1027.
#2	.4109	7.097	60.81	767.0	32380.	1067.
#3	.1674	7.335	60.34	767.1	32620.	1069.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2082.	324.0	187.0	18.43	274.0	.6869
Stddev	17.	.2	2.3	.53	2.3	1.450
%RSD	.8043	.0687	1.231	2.900	.8334	211.0

#1	2071.	323.9	188.8	17.82	275.3	2.359
#2	2074.	323.8	184.4	18.82	271.4	-.2139
#3	2101.	324.2	187.9	18.65	275.4	-.0846

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-40-b@4 Acquired: 5/23/2015 12:47:02 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.868	.3593	37.16	2858.	7.627	1.861
Stddev	3.413	1.353	.27	12.	.242	.368
%RSD	88.24	376.5	.7377	.4136	3.169	19.78
#1	.6159	1.703	36.96	2861.	7.884	1.754
#2	7.421	.3784	37.48	2845.	7.403	2.271
#3	3.566	-1.003	37.05	2868.	7.595	1.559

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	28.88	100.1	660.4	1249.
Stddev	.87	.2	.7	12.
%RSD	3.003	.1660	.1052	.9680
#1	29.33	100.3	660.1	1256.
#2	29.42	99.96	659.9	1235.
#3	27.88	100.2	661.2	1256.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3816.5	38246.	14729.
Stddev	17.9	68.	17.
%RSD	.46839	.17754	.11670
#1	3806.1	38318.	14737.
#2	3837.1	38237.	14740.
#3	3806.2	38183.	14709.

Sample Name: 460-94877-a-41-b@4 Acquired: 5/23/2015 12:50:47 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	44200.	13.45	-9568	428.2	1.492	2709.
Stddev	148.	2.37	.6160	1.0	.084	2.
%RSD	.3339	17.60	64.38	.2250	5.614	.0874

#1	44370.	11.69	-.6635	428.7	1.448	2712.
#2	44080.	16.14	-1.665	428.8	1.588	2708.
#3	44160.	12.52	-.5423	427.1	1.439	2707.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4439	8.387	52.83	57.90	47830.	966.4
Stddev	.0963	.224	.24	.19	54.	15.9
%RSD	21.70	2.669	.4501	.3282	.1138	1.643

#1	-.3371	8.628	53.01	57.84	47860.	959.8
#2	-.4706	8.349	52.92	58.12	47770.	984.5
#3	-.5241	8.185	52.56	57.75	47860.	954.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3125.	289.5	92.74	23.05	46.98	1.139
Stddev	7.	.4	6.10	.19	1.28	.675
%RSD	.2338	.1289	6.582	.8399	2.716	59.25

#1	3121.	289.8	91.31	23.11	47.32	1.102
#2	3120.	289.1	99.43	23.21	45.57	.4834
#3	3133.	289.5	87.48	22.84	48.06	1.832

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-41-b@4 Acquired: 5/23/2015 12:50:47 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-5732	.3548	71.57	217.8	4.916	2.241
Stddev	1.359	.7079	.26	.2	.202	.401
%RSD	237.2	199.5	.3616	.1038	4.114	17.91
#1	-1.064	.6054	71.52	217.5	4.779	2.577
#2	.9636	.9032	71.34	217.8	4.820	2.349
#3	-1.619	-.4443	71.85	218.0	5.148	1.797

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	7.491	24.10	1099.	1306.
Stddev	1.483	.06	.	30.
%RSD	19.80	.2444	.0222	2.318
#1	5.783	24.08	1098.	1271.
#2	8.453	24.05	1099.	1326.
#3	8.238	24.16	1099.	1322.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3944.7	39363.	15539.
Stddev	9.3	442.	401.
%RSD	.23697	1.1230	2.5835
#1	3937.7	38858.	15076.
#2	3941.2	39546.	15770.
#3	3955.3	39683.	15772.

Sample Name: CCV Acquired: 5/23/2015 12:54:33 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126300.	2549.	1250.	10290.	1027.	126400.
Stddev	249.	3.	2.	1.	2.	341.
%RSD	.1971	.1141	.1497	.0143	.2089	.2697

#1	126000.	2547.	1250.	10290.	1025.	126100.
#2	126300.	2552.	1251.	10300.	1028.	126400.
#3	126500.	2547.	1248.	10290.	1029.	126700.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1278.	2564.	5113.	12720.	102600.	50120.
Stddev	2.	4.	4.	43.	245.	141.
%RSD	.1428	.1654	.0821	.3370	.2388	.2820

#1	1276.	2559.	5109.	12740.	102300.	49960.
#2	1277.	2567.	5114.	12740.	102600.	50170.
#3	1280.	2565.	5117.	12670.	102800.	50230.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126300.	5147.	127100.	2573.	7717.	1018.
Stddev	437.	11.	194.	2.	5.	6.
%RSD	.3465	.2151	.1525	.0826	.0624	.5595

#1	125800.	5136.	126900.	2573.	7722.	1019.
#2	126200.	5149.	127300.	2575.	7715.	1024.
#3	126700.	5158.	127300.	2571.	7713.	1012.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 5/23/2015 12:54:33 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2528.	2599.	2556.	2556.	1023.	2531.
Stddev	15.	10.	2.	9.	5.	2.
%RSD	.5876	.3873	.0692	.3522	.4850	.0937

#1	2525.	2604.	2554.	2558.	1021.	2528.
#2	2545.	2606.	2556.	2546.	1029.	2533.
#3	2516.	2588.	2557.	2563.	1020.	2531.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1025.	5136.	10360.	10050.
Stddev	2.	91.	5.	57.
%RSD	.2301	1.768	.0477	.5688

#1	1027.	5032.	10370.	10100.
#2	1024.	5181.	10370.	10060.
#3	1022.	5196.	10360.	9986.

Check ?	Chk Pass	Chk Pass	Chk Pass	None
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3528.1	35517.	14900.
Stddev	9.2	128.	126.
%RSD	.26039	.36176	.84753

#1	3526.0	35656.	14981.
#2	3538.2	35493.	14963.
#3	3520.2	35402.	14754.

Sample Name: CCB Acquired: 5/23/2015 12:58:07 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18.86	1.716	-.4479	.3224	.0435	10.60
Stddev	11.87	1.499	.5907	.1208	.0230	7.00
%RSD	62.94	87.37	131.9	37.48	52.93	66.11

#1	32.57	2.196	-.7564	.1914	.0602	17.54
#2	11.77	2.917	.2331	.3462	.0529	3.529
#3	12.25	.0355	-.8206	.4296	.0172	10.72

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0154	-.0498	-.1275	.2659	13.52	-25.88
Stddev	.0578	.0607	.3824	.3330	9.47	29.35
%RSD	375.1	121.9	299.8	125.2	70.07	113.4

#1	.0817	-.0993	-.0866	.6432	23.42	.7027
#2	-.0111	.0179	-.5287	.1416	12.60	-57.37
#3	-.0244	-.0679	.2327	.0129	4.542	-20.98

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2051	.1278	.7516	-.0676	-2.116	-.0179
Stddev	3.592	.1567	20.29	1.236	.964	1.791
%RSD	1751.	122.7	2699.	1828.	45.57	9987.

#1	.3225	.3048	20.22	1.340	-1.692	-2.068
#2	-3.444	.0716	2.296	-.9759	-3.220	1.245
#3	3.737	.0069	-20.26	-.5669	-1.437	.7691

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 5/23/2015 12:58:07 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.182	.8888	.1482	.1673	1.199	-.0876
Stddev	3.276	1.232	.2863	.0356	.987	.2764
%RSD	277.0	138.6	193.2	21.28	82.32	315.6
#1	3.085	-.0961	.3693	.1802	2.324	.2316
#2	3.062	.4925	.2506	.1270	.7976	-.2477
#3	-2.600	2.270	-.1752	.1946	.4763	-.2466

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.5971	.2933	.2656	-3.934
Stddev	1.073	.3680	.2159	15.36
%RSD	179.8	125.5	81.28	390.4
#1	.9794	.7145	.5105	-12.32
#2	-.6152	.0340	.1030	13.79
#3	1.427	.1314	.1833	-13.27

Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3820.6	38766.	14901.
Stddev	19.6	218.	229.
%RSD	.51307	.56275	1.5392
#1	3843.0	39001.	15100.
#2	3812.6	38725.	14954.
#3	3806.3	38571.	14650.

Sample Name: CCVL Acquired: 5/23/2015 13:01:59 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	186.6	14.58	8.706	188.8	1.840	4559.
Stddev	6.4	1.22	.176	.1	.043	17.
%RSD	3.449	8.347	2.025	.0496	2.321	.3643

#1	180.1	13.34	8.723	188.9	1.826	4540.
#2	192.9	15.77	8.523	188.9	1.806	4573.
#3	186.9	14.63	8.874	188.7	1.888	4563.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.805	47.46	9.118	22.63	175.9	4343.
Stddev	.178	.27	.450	.25	5.9	38.
%RSD	4.686	.5641	4.933	1.103	3.383	.8656

#1	3.693	47.18	9.377	22.45	182.4	4302.
#2	4.010	47.48	8.598	22.92	174.6	4375.
#3	3.711	47.71	9.378	22.53	170.7	4352.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4586.	14.49	4426.	39.10	9.902	15.86
Stddev	32.	.09	11.	.60	2.176	.56
%RSD	.6974	.5925	.2560	1.533	21.98	3.506

#1	4550.	14.40	4436.	39.62	12.28	16.25
#2	4613.	14.57	4414.	38.44	9.410	16.10
#3	4594.	14.52	4428.	39.24	8.015	15.22

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCVL Acquired: 5/23/2015 13:01:59 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16.22	20.34	45.22	31.01	44.93	17.90
Stddev	7.51	.34	.30	.12	1.12	.24
%RSD	46.29	1.668	.6569	.3841	2.485	1.338
#1	15.23	20.73	44.94	31.02	43.87	18.09
#2	9.253	20.12	45.17	30.89	44.83	17.98
#3	24.17	20.17	45.53	31.13	46.10	17.63

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	47.35	18.57	19.47	F -3.190
Stddev	.90	.12	.13	6.380
%RSD	1.899	.6562	.6618	200.0
#1	48.39	18.70	19.56	-6.377
#2	46.76	18.46	19.33	-7.349
#3	46.91	18.54	19.53	4.156

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				200.0
Range				-30.50%

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3805.1	38699.	15178.
Stddev	11.9	74.	54.
%RSD	.31313	.19068	.35690
#1	3804.4	38760.	15117.
#2	3817.3	38617.	15219.
#3	3793.5	38720.	15200.

Sample Name: 460-94877-c-42-a@4 Acquired: 5/23/2015 13:05:49 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21820.	11.99	-.4431	437.4	1.266	29900.
Stddev	156.	1.81	.3382	2.6	.078	196.
%RSD	.7165	15.13	76.31	.5948	6.167	.6545

#1	21660.	10.26	-.8126	435.0	1.266	29680.
#2	21840.	11.83	-.3678	437.1	1.188	29990.
#3	21970.	13.88	-.1490	440.2	1.345	30040.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3519	11.97	50.61	68.80	35620.	1851.
Stddev	.1302	.18	.49	.54	265.	25.
%RSD	37.01	1.515	.9664	.7834	.7445	1.337

#1	.2454	12.00	50.07	68.29	35330.	1827.
#2	.4970	11.77	51.03	68.74	35690.	1851.
#3	.3131	12.13	50.73	69.36	35850.	1876.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18600.	553.4	163.5	31.77	271.8	-.2042
Stddev	84.	2.9	9.1	.86	3.6	.4893
%RSD	.4525	.5268	5.575	2.705	1.312	239.6

#1	18510.	550.2	153.1	31.22	267.7	.2759
#2	18600.	554.2	169.8	32.76	273.1	-.7021
#3	18680.	555.9	167.7	31.32	274.4	-.1863

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-c-42-a@4 Acquired: 5/23/2015 13:05:49 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.575	2.011	57.81	343.8	8.164	1.032
Stddev	3.524	1.088	.92	4.9	.564	.491
%RSD	77.03	54.10	1.588	1.426	6.909	47.54
#1	3.979	1.377	56.81	339.6	8.805	.5902
#2	8.359	3.267	58.61	342.8	7.742	.9463
#3	1.387	1.389	58.02	349.2	7.945	1.560

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	10.85	40.40	887.4	1139.
Stddev	.70	.43	7.2	28.
%RSD	6.444	1.053	.8060	2.430
#1	10.35	40.06	880.7	1109.
#2	10.56	40.26	886.6	1146.
#3	11.65	40.88	894.9	1163.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3871.5	39344.	15735.
Stddev	14.1	279.	77.
%RSD	.36349	.70909	.49095
#1	3871.2	39165.	15650.
#2	3885.8	39201.	15801.
#3	3857.6	39665.	15752.

Sample Name: 460-94877-a-43-b@4 Acquired: 5/23/2015 13:09:33 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	28700.	14.24	-.3135	1381.	1.811	26800.
Stddev	115.	.46	.8245	7.	.062	181.
%RSD	.4017	3.198	263.0	.5379	3.444	.6734
#1	28580.	14.76	-.5771	1376.	1.874	26640.
#2	28810.	13.89	-.9740	1377.	1.808	26750.
#3	28690.	14.08	.6106	1389.	1.750	27000.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5735	14.89	106.1	173.8	46960.	2110.
Stddev	.1151	.17	.6	.5	237.	20.
%RSD	20.07	1.112	.6109	.2610	.5053	.9518
#1	.7037	14.70	105.9	173.7	46750.	2103.
#2	.4855	15.01	105.6	174.3	46920.	2094.
#3	.5312	14.95	106.8	173.4	47220.	2132.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12140.	679.7	382.5	44.38	726.4	-.4860
Stddev	63.	3.2	5.4	.14	2.4	1.007
%RSD	.5188	.4719	1.419	.3242	.3283	207.2
#1	12090.	676.7	383.5	44.44	725.5	.4255
#2	12110.	679.3	376.6	44.48	724.6	-1.567
#3	12210.	683.1	387.3	44.21	729.1	-.3164

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-43-b@4 Acquired: 5/23/2015 13:09:33 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.673	-1.397	85.58	933.4	13.08	3.663
Stddev	1.841	.666	1.24	3.8	.64	.369
%RSD	68.88	47.70	1.454	.4025	4.885	10.07
#1	4.698	-1.997	84.48	931.5	13.15	3.531
#2	1.100	-.6801	85.32	931.0	13.68	4.079
#3	2.221	-1.513	86.93	937.8	12.41	3.378

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	18.32	91.20	1487.	1220.
Stddev	.60	.47	3.	23.
%RSD	3.303	.5186	.2132	1.918
#1	17.63	91.22	1484.	1246.
#2	18.76	91.66	1486.	1200.
#3	18.56	90.71	1490.	1215.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3758.8	37714.	14833.
Stddev	9.0	294.	198.
%RSD	.24048	.77935	1.3370
#1	3754.7	37857.	15037.
#2	3769.1	37909.	14641.
#3	3752.5	37376.	14821.

Sample Name: 460-94877-a-44-b@4 Acquired: 5/23/2015 13:13:17 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	39190.	12.27	-1.123	43.20	1.240	895.4
Stddev	112.	.83	1.082	.50	.034	14.9
%RSD	.2844	6.756	96.40	1.147	2.761	1.669

#1	39080.	11.41	-.3183	42.66	1.202	912.2
#2	39180.	13.06	-2.353	43.63	1.268	883.4
#3	39300.	12.35	-.6967	43.32	1.250	890.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2692	3.665	41.20	12.86	39230.	621.2
Stddev	.2602	.139	.57	.21	214.	42.8
%RSD	96.65	3.781	1.395	1.625	.5451	6.893

#1	-.5696	3.744	41.64	12.69	39470.	637.9
#2	-.1174	3.505	40.55	13.09	39060.	572.6
#3	-.1206	3.747	41.42	12.78	39160.	653.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2128.	108.5	57.83	15.31	23.21	.2560
Stddev	11.	.3	7.94	.33	1.51	.2620
%RSD	.5171	.2956	13.74	2.133	6.498	102.3

#1	2140.	108.9	66.71	15.67	21.92	.4767
#2	2120.	108.2	55.35	15.04	24.87	-.0335
#3	2123.	108.6	51.42	15.22	22.85	.3247

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-44-b@4 Acquired: 5/23/2015 13:13:17 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.414	.7826	64.17	38.61	10.70	1.763
Stddev	1.525	.8660	.10	.72	.22	.122
%RSD	63.17	110.7	.1621	1.875	2.091	6.903
#1	2.821	.6748	64.22	39.44	10.47	1.732
#2	3.693	1.697	64.05	38.08	10.91	1.660
#3	.7266	-.0244	64.25	38.32	10.71	1.897

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	6.718	5.986	954.5	1329.
Stddev	1.793	.102	3.5	18.
%RSD	26.69	1.710	.3681	1.342
#1	5.823	5.872	950.7	1309.
#2	8.782	6.070	955.2	1336.
#3	5.548	6.016	957.7	1342.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3780.4	37922.	14934.
Stddev	79.3	1016.	491.
%RSD	2.0985	2.6785	3.2907
#1	3688.8	36749.	14370.
#2	3828.4	38492.	15164.
#3	3823.9	38525.	15269.

Sample Name: 460-94877-a-45-a@4 Acquired: 5/23/2015 13:17:04 Type: Unk

Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	28170.	18.73	-6516	620.1	1.852	23430.
Stddev	114.	1.04	.9864	.5	.104	319.
%RSD	.4044	5.558	151.4	.0822	5.612	1.360

#1	28100.	18.15	.4829	619.8	1.883	23120.
#2	28120.	19.93	-1.306	620.7	1.936	23410.
#3	28300.	18.10	-1.132	619.9	1.736	23750.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4324	22.39	85.93	124.8	90530.	2793.
Stddev	.1738	.09	.89	.7	890.	46.
%RSD	40.19	.3884	1.030	.5312	.9828	1.642

#1	.4652	22.36	84.97	125.5	89610.	2763.
#2	.5874	22.49	86.09	124.2	90590.	2771.
#3	.2446	22.32	86.72	124.7	91390.	2846.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15100.	1112.	285.7	61.08	676.3	-.8378
Stddev	207.	9.	3.1	.11	3.4	2.441
%RSD	1.369	.8064	1.083	.1738	.5003	291.3

#1	14890.	1102.	286.0	61.19	675.9	.9574
#2	15110.	1114.	282.5	61.09	673.1	.1463
#3	15300.	1119.	288.7	60.97	679.8	-3.617

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-45-a@4 Acquired: 5/23/2015 13:17:04 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	- .8737	.4485	89.94	603.3	9.407	3.234
Stddev	1.754	.7042	1.03	3.7	.370	.426
%RSD	200.7	157.0	1.150	.6153	3.928	13.17
#1	-2.866	1.159	89.07	599.3	9.833	2.817
#2	-.1904	-.2492	89.66	604.2	9.210	3.217
#3	.4356	.4357	91.08	606.5	9.178	3.668

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	17.11	52.89	1309.	1255.
Stddev	.62	.12	4.	15.
%RSD	3.609	.2322	.2831	1.230
#1	16.47	53.03	1307.	1252.
#2	17.71	52.82	1308.	1273.
#3	17.14	52.82	1314.	1242.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3756.5	37787.	15092.
Stddev	11.6	587.	383.
%RSD	.31009	1.5538	2.5390
#1	3765.1	38389.	15502.
#2	3761.2	37758.	15030.
#3	3743.3	37216.	14743.

Sample Name: 460-94877-a-46-a@4 Acquired: 5/23/2015 13:20:48 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	24170.	42.58	-.1788	4062.	2.309	17500.
Stddev	33.	2.52	.1576	2.	.140	93.
%RSD	.1379	5.914	88.12	.0418	6.082	.5291
#1	24200.	45.25	-.2951	4060.	2.204	17390.
#2	24140.	42.26	-.2420	4064.	2.469	17560.
#3	24190.	40.24	.0005	4061.	2.255	17550.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4556	12.23	93.11	569.0	56130.	1347.
Stddev	.1435	.30	.60	2.2	199.	42.
%RSD	31.50	2.480	.6425	.3860	.3547	3.131
#1	.3716	12.33	92.63	570.7	55920.	1395.
#2	.3739	12.47	92.91	566.5	56170.	1331.
#3	.6214	11.89	93.78	569.6	56310.	1315.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3476.	411.6	216.3	44.16	642.4	.3837
Stddev	23.	1.0	6.1	.48	.9	1.155
%RSD	.6615	.2403	2.824	1.096	.1421	301.1
#1	3451.	410.4	223.2	43.95	642.2	-.4930
#2	3484.	412.0	213.9	44.71	643.4	1.693
#3	3495.	412.3	211.8	43.81	641.6	-.0487

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-46-a@4 Acquired: 5/23/2015 13:20:48 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.238	3.539	74.19	520.9	9.454	6.363
Stddev	3.298	1.139	.44	2.8	.597	.330
%RSD	147.4	32.18	.5881	.5388	6.313	5.189
#1	5.965	3.864	74.38	519.0	9.538	6.169
#2	1.048	2.273	74.49	524.2	10.00	6.744
#3	-.2999	4.480	73.69	519.7	8.819	6.175

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	44.97	191.5	911.0	1655.
Stddev	.44	.5	1.5	19.
%RSD	.9691	.2624	.1657	1.139
#1	45.18	191.9	910.9	1674.
#2	45.26	191.5	909.6	1655.
#3	44.47	190.9	912.6	1636.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3822.2	38004.	14972.
Stddev	29.1	338.	344.
%RSD	.76047	.88847	2.2973
#1	3828.6	38394.	15180.
#2	3790.4	37806.	15161.
#3	3847.5	37812.	14575.

Sample Name: 460-94877-a-47-a@4 Acquired: 5/23/2015 13:24:32 Type: Unk

Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	32280.	7.998	-.9734	162.5	.8741	2952.
Stddev	91.	2.871	.2376	.6	.0853	11.
%RSD	.2819	35.89	24.41	.3686	9.754	.3862

#1	32270.	5.063	-.9561	161.8	.9059	2945.
#2	32190.	8.133	-1.219	162.9	.9389	2945.
#3	32380.	10.80	-.7449	162.8	.7775	2965.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0086	3.574	41.68	39.55	32050.	692.8
Stddev	.1426	.155	.46	.44	78.	5.3
%RSD	1664.	4.331	1.114	1.107	.2428	.7660

#1	.1007	3.735	41.20	39.06	32000.	695.4
#2	-.1556	3.427	41.73	39.91	32010.	696.3
#3	.0807	3.559	42.13	39.68	32130.	686.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1741.	229.7	74.67	22.27	51.95	-.7357
Stddev	3.	.9	4.79	.46	1.05	2.270
%RSD	.1763	.3718	6.421	2.056	2.021	308.5

#1	1738.	229.0	77.62	22.12	51.55	.0544
#2	1741.	229.5	77.25	21.91	51.16	-3.295
#3	1744.	230.7	69.14	22.79	53.14	1.033

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-47-a@4 Acquired: 5/23/2015 13:24:32 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.514	-.1567	54.32	137.7	3.729	2.387
Stddev	3.164	1.359	.59	.8	.685	.146
%RSD	125.9	867.3	1.091	.5523	18.36	6.107
#1	3.035	-1.693	53.69	137.2	3.788	2.452
#2	5.385	.3357	54.43	137.4	4.382	2.220
#3	-.8788	.8871	54.86	138.6	3.017	2.488

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	6.179	22.24	788.2	1494.
Stddev	.710	.11	2.4	9.
%RSD	11.49	.5054	.3035	.5790
#1	5.861	22.11	786.2	1484.
#2	6.993	22.27	787.6	1500.
#3	5.684	22.33	790.9	1499.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3910.8	39417.	15657.
Stddev	14.4	224.	96.
%RSD	.36699	.56911	.61002
#1	3895.2	39184.	15589.
#2	3923.5	39631.	15766.
#3	3913.6	39437.	15616.

Sample Name: 460-94877-a-48-a@4 Acquired: 5/23/2015 13:28:17 Type: Unk

Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	33570.	16.15	-3727	2721.	1.209	7278.
Stddev	99.	1.42	.4617	1.	.060	19.
%RSD	.2937	8.811	123.9	.0449	4.928	.2575

#1	33670.	15.18	.0254	2720.	1.141	7258.
#2	33570.	17.79	-.8789	2720.	1.239	7283.
#3	33480.	15.49	-.2647	2722.	1.248	7294.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8895	7.991	65.36	175.8	45140.	1290.
Stddev	.0585	.066	.07	.7	14.	16.
%RSD	6.572	.8275	.1117	.4072	.0315	1.239

#1	.9431	8.024	65.35	175.1	45150.	1309.
#2	.8984	8.033	65.43	176.5	45130.	1283.
#3	.8271	7.914	65.29	175.7	45160.	1280.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2818.	194.5	310.3	42.41	775.5	1.642
Stddev	9.	.4	4.2	.67	1.3	1.820
%RSD	.3226	.2171	1.346	1.574	.1674	110.9

#1	2821.	194.0	310.9	42.66	774.1	3.678
#2	2808.	194.8	305.9	42.91	776.7	.1733
#3	2826.	194.7	314.2	41.65	775.5	1.073

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-48-a@4 Acquired: 5/23/2015 13:28:17 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.204	1.332	149.1	595.0	16.11	8.324
Stddev	3.261	1.423	.5	3.6	.25	.511
%RSD	148.0	106.8	.3104	.6092	1.560	6.139
#1	2.875	-3.026	149.2	595.0	16.38	8.085
#2	-1.340	2.295	149.5	598.6	16.07	8.911
#3	5.076	2.003	148.6	591.4	15.88	7.977

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	17.12	71.09	899.4	1792.
Stddev	1.56	.14	.4	9.
%RSD	9.130	.1945	.0424	.5253
#1	15.70	70.95	899.2	1792.
#2	16.87	71.23	899.9	1801.
#3	18.80	71.08	899.3	1783.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3922.1	39772.	15844.
Stddev	23.0	136.	102.
%RSD	.58517	.34131	.64671
#1	3907.8	39617.	15757.
#2	3909.9	39870.	15957.
#3	3948.5	39828.	15818.

Sample Name: 460-94877-a-49-a@4 Acquired: 5/23/2015 13:32:00 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	61240.	14.81	-9064	268.8	1.573	947.1
Stddev	171.	1.60	.2224	.3	.129	16.6
%RSD	.2791	10.78	24.53	.1154	8.205	1.756

#1	61440.	13.03	-.8548	268.8	1.722	958.6
#2	61120.	16.12	-.7144	269.2	1.498	928.0
#3	61180.	15.28	-1.150	268.6	1.500	954.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.6933	8.144	60.23	38.60	64970.	970.6
Stddev	.1892	.094	1.11	.36	476.	12.6
%RSD	27.28	1.157	1.835	.9442	.7320	1.297

#1	-.8753	8.224	61.45	38.19	65510.	970.0
#2	-.7070	8.168	59.29	38.73	64620.	983.4
#3	-.4977	8.040	59.94	38.88	64770.	958.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3583.	208.2	82.19	27.76	54.38	-3.206
Stddev	18.	.9	10.12	.21	1.27	1.617
%RSD	.5160	.4344	12.31	.7570	2.330	50.45

#1	3598.	208.9	74.77	27.60	55.05	-1.945
#2	3562.	207.2	93.72	28.00	55.18	-5.029
#3	3589.	208.4	78.08	27.68	52.92	-2.644

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-49-a@4 Acquired: 5/23/2015 13:32:00 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.203	1.261	98.55	259.8	4.199	2.217
Stddev	2.073	1.581	.18	1.9	.607	.236
%RSD	64.72	125.4	.1816	.7199	14.46	10.67
#1	4.651	2.349	98.35	261.9	4.406	2.361
#2	.8284	1.987	98.64	258.3	4.675	2.346
#3	4.129	-.5532	98.67	259.4	3.515	1.944

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	6.327	9.929	1165.	1385.
Stddev	.738	.093	3.	18.
%RSD	11.67	.9396	.2885	1.319
#1	6.369	10.01	1169.	1364.
#2	5.569	9.826	1163.	1399.
#3	7.044	9.951	1163.	1393.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3823.9	38240.	15000.
Stddev	40.5	676.	234.
%RSD	1.0591	1.7678	1.5614
#1	3777.2	37521.	14744.
#2	3849.9	38863.	15203.
#3	3844.5	38336.	15052.

Sample Name: 460-94877-a-50-a@4 Acquired: 5/23/2015 13:35:45 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	55350.	15.77	-1.029	180.9	1.945	594.7
Stddev	84.	2.40	.285	.4	.164	2.7
%RSD	.1521	15.26	27.74	.2120	8.452	.4552

#1	55410.	13.59	-1.350	180.5	1.894	597.6
#2	55250.	18.35	-.9295	181.2	1.813	594.1
#3	55390.	15.36	-.8060	181.1	2.129	592.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.7496	14.01	57.06	23.55	64370.	1049.
Stddev	.2279	.15	.13	.16	381.	20.
%RSD	30.40	1.101	.2249	.6599	.5920	1.912

#1	-.7533	13.85	57.20	23.73	64640.	1072.
#2	-.9757	14.15	56.94	23.47	64550.	1033.
#3	-.5200	14.03	57.03	23.45	63940.	1043.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5235.	357.2	79.42	30.46	38.72	-2.702
Stddev	21.	1.7	3.29	.18	1.67	1.679
%RSD	.3983	.4887	4.147	.6040	4.322	62.14

#1	5244.	358.2	83.18	30.36	37.97	-4.156
#2	5250.	358.1	77.05	30.67	40.64	-.8644
#3	5211.	355.1	78.03	30.34	37.56	-3.085

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-50-a@4 Acquired: 5/23/2015 13:35:45 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.789	2.513	92.14	142.2	3.800	2.077
Stddev	4.651	2.350	.75	.9	.294	.311
%RSD	97.10	93.51	.8180	.6640	7.747	14.98
#1	2.034	4.490	92.23	141.9	3.880	1.791
#2	10.16	-.0850	92.84	143.2	4.047	2.031
#3	2.175	3.134	91.34	141.4	3.475	2.408

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	6.056	6.867	1401.	1456.
Stddev	.312	.063	4.	29.
%RSD	5.152	.9140	.3194	1.990
#1	6.094	6.932	1405.	1488.
#2	5.726	6.807	1402.	1450.
#3	6.347	6.862	1397.	1431.

Check ? Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3884.5	38609.	14851.
Stddev	47.5	519.	55.
%RSD	1.2223	1.3434	.36787
#1	3860.6	38326.	14912.
#2	3853.6	38294.	14806.
#3	3939.1	39208.	14835.

Sample Name: lcssrm 460-300299/2- Acquired: 5/23/2015 13:39:30 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	33280.	692.3	193.8	1036.	490.9	31580.
Stddev	179.	3.5	1.1	5.	2.9	147.
%RSD	.5384	.4996	.5792	.4356	.5902	.4649

#1	33450.	693.7	193.7	1031.	494.2	31750.
#2	33090.	688.4	194.9	1037.	489.7	31500.
#3	33290.	694.9	192.7	1039.	488.9	31500.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	537.8	853.7	740.5	864.5	82620.	12050.
Stddev	1.6	1.3	3.4	.8	357.	91.
%RSD	.3057	.1557	.4591	.0936	.4324	.7524

#1	536.0	852.8	744.4	865.4	83030.	12150.
#2	539.2	853.0	738.8	864.2	82440.	12000.
#3	538.2	855.2	738.3	863.9	82390.	11980.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13650.	1639.	3889.	716.6	704.1	807.5
Stddev	100.	8.	15.	2.4	4.6	4.6
%RSD	.7350	.5146	.3863	.3327	.6576	.5740

#1	13750.	1649.	3906.	713.9	699.0	802.3
#2	13650.	1635.	3880.	718.0	707.9	811.3
#3	13550.	1634.	3881.	718.0	705.5	808.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-300299/2- Acquired: 5/23/2015 13:39:30 Type: QC

Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	906.1	830.9	586.3	997.7	718.0	608.8
Stddev	7.9	6.2	3.4	1.0	4.0	2.2
%RSD	.8771	.7410	.5726	.0977	.5556	.3688

#1	897.2	829.2	589.5	998.1	713.6	606.3
#2	908.8	837.7	582.8	998.4	719.4	610.6
#3	912.4	825.8	586.8	996.6	721.2	609.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	695.3	553.4	1413.	1856.
Stddev	1.4	2.5	6.	9.
%RSD	.2046	.4445	.3928	.4772

#1	693.7	555.8	1419.	1846.
#2	696.5	550.9	1409.	1862.
#3	695.6	553.7	1410.	1861.

Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3889.6	39032.	15818.
Stddev	2.7	183.	146.
%RSD	.06892	.46977	.92193

#1	3890.9	38831.	15650.
#2	3886.5	39074.	15904.
#3	3891.3	39190.	15901.

Sample Name: CCV Acquired: 5/23/2015 13:43:04 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	127300.	2529.	1252.	10320.	1030.	128500.
Stddev	23.	8.	2.	5.	1.	378.
%RSD	.0179	.3095	.1683	.0522	.1171	.2939

#1	127300.	2531.	1253.	10320.	1029.	128500.
#2	127300.	2536.	1249.	10320.	1031.	128100.
#3	127400.	2520.	1253.	10310.	1032.	128800.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1284.	2568.	5190.	12600.	104100.	50180.
Stddev	1.	1.	12.	7.	371.	70.
%RSD	.0405	.0579	.2222	.0541	.3562	.1402

#1	1284.	2568.	5191.	12600.	104100.	50210.
#2	1283.	2570.	5178.	12610.	103800.	50100.
#3	1283.	2567.	5201.	12600.	104500.	50230.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	127900.	5212.	127700.	2583.	7738.	1012.
Stddev	458.	10.	29.	2.	16.	7.
%RSD	.3582	.1953	.0228	.0896	.2035	.6767

#1	127700.	5208.	127700.	2583.	7739.	1013.
#2	127500.	5204.	127700.	2586.	7754.	1018.
#3	128400.	5224.	127700.	2581.	7722.	1005.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 5/23/2015 13:43:04 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2513.	2604.	2580.	2593.	1018.	2535.
Stddev	11.	1.	5.	4.	1.	4.
%RSD	.4276	.0420	.1931	.1512	.1240	.1553

#1	2502.	2604.	2582.	2591.	1017.	2539.
#2	2524.	2606.	2574.	2590.	1019.	2537.
#3	2514.	2603.	2583.	2597.	1017.	2531.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1032.	5176.	10440.	9879.
Stddev	.	84.	5.	35.
%RSD	.0456	1.620	.0516	.3512

#1	1032.	5115.	10430.	9891.
#2	1033.	5142.	10430.	9905.
#3	1032.	5272.	10440.	9839.

Check ?	Chk Pass	Chk Pass	Chk Pass	None
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3473.6	34567.	14253.
Stddev	12.5	218.	89.
%RSD	.36049	.62941	.62456

#1	3485.7	34629.	14292.
#2	3474.4	34747.	14316.
#3	3460.7	34325.	14151.

Sample Name: CCB Acquired: 5/23/2015 13:46:40 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.428	.3724	-.3314	.4400	.0768	7.249
Stddev	14.24	1.479	.2646	.2821	.0385	2.744
%RSD	586.4	397.1	79.83	64.11	50.12	37.85

#1	12.93	.4900	-.6368	.7270	.0677	10.39
#2	-13.78	1.789	-.1706	.1631	.1190	6.059
#3	8.132	-1.162	-.1869	.4299	.0436	5.302

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1952	.1227	-.0664	.2920	7.234	-14.21
Stddev	.0204	.4554	.6751	.2885	10.88	31.83
%RSD	10.45	371.1	1017.	98.80	150.5	224.0

#1	.1840	.6369	.6928	.5975	18.01	1.430
#2	.2188	-.0389	-.5995	.0241	-3.755	-50.83
#3	.1829	-.2298	-.2924	.2545	7.444	6.780

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0480	.2046	-2.194	1.036	-.5539	2.080
Stddev	7.171	.1977	13.04	.458	1.239	1.464
%RSD	14950.	96.62	594.3	44.19	223.6	70.38

#1	8.043	.4328	12.22	.5260	.8082	3.238
#2	-5.619	.0846	-13.16	1.412	-.8573	2.569
#3	-2.569	.0965	-5.645	1.170	-1.613	.4344

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 5/23/2015 13:46:40 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.698	.5246	.2626	.1393	1.810	.0439
Stddev	.679	1.372	.2285	.0643	.793	.2222
%RSD	25.17	261.5	87.02	46.19	43.78	506.3
#1	3.441	-.2613	.5265	.1609	2.593	-.1991
#2	2.108	2.109	.1330	.1901	1.830	.0940
#3	2.546	-.2736	.1283	.0669	1.008	.2368

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.9091	.2298	.4669	1.481
Stddev	.0730	.2647	.5217	11.87
%RSD	8.032	115.2	111.7	801.4
#1	.9909	.5311	1.044	-6.436
#2	.8859	.1241	.3277	15.13
#3	.8505	.0343	.0290	-4.252

Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3801.6	38403.	14868.
Stddev	37.4	442.	384.
%RSD	.98308	1.1514	2.5801
#1	3758.5	37898.	14437.
#2	3823.5	38724.	15171.
#3	3822.9	38585.	14995.

Sample Name: CCVL Acquired: 5/23/2015 13:50:33 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	197.4	14.07	8.666	193.3	1.846	4689.
Stddev	13.7	1.79	.195	.4	.082	30.
%RSD	6.956	12.75	2.252	.1957	4.421	.6423

#1	187.7	12.77	8.873	193.1	1.807	4681.
#2	191.4	16.12	8.485	193.0	1.792	4664.
#3	213.1	13.33	8.640	193.7	1.940	4723.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.018	48.73	10.04	23.68	190.0	4406.
Stddev	.031	.18	.13	.69	14.7	22.
%RSD	.7737	.3692	1.251	2.930	7.733	.5072

#1	3.984	48.53	9.898	22.91	180.7	4420.
#2	4.028	48.88	10.08	23.87	182.4	4380.
#3	4.043	48.79	10.14	24.25	207.0	4418.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4703.	15.28	4502.	40.15	9.993	16.74
Stddev	23.	.23	18.	.45	2.527	.56
%RSD	.4842	1.498	.4043	1.126	25.28	3.363

#1	4696.	15.02	4482.	39.73	7.484	16.09
#2	4685.	15.38	4517.	40.63	12.54	17.11
#3	4729.	15.45	4507.	40.09	9.957	17.01

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCVL Acquired: 5/23/2015 13:50:33 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19.85	21.28	46.58	31.89	45.30	18.62
Stddev	2.92	1.52	.18	.17	.43	.34
%RSD	14.72	7.123	.3942	.5269	.9479	1.802

#1	22.82	20.83	46.47	31.87	45.63	18.97
#2	19.74	20.04	46.47	31.73	44.82	18.30
#3	16.98	22.97	46.79	32.06	45.46	18.59

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	47.35	19.10	20.67	F 11.23
Stddev	.14	.22	.31	14.07
%RSD	.2984	1.144	1.494	125.2

#1	47.20	18.86	20.32	5.803
#2	47.37	19.15	20.77	27.21
#3	47.49	19.29	20.91	.6892

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				200.0
Range				-30.50%

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3745.0	37814.	14907.
Stddev	4.0	105.	50.
%RSD	.10646	.27794	.33802

#1	3746.4	37703.	14965.
#2	3740.5	37912.	14878.
#3	3748.1	37827.	14877.

Sample Name: mb 460-300299/1-a@2 Acquired: 5/23/2015 13:54:25 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.511	1.410	-.4546	.1261	.0046	5.582
Stddev	10.12	1.793	.5482	.0896	.0772	4.984
%RSD	402.9	127.1	120.6	71.08	1666.	89.29
#1	14.15	1.089	.0940	.0846	.0887	10.89
#2	-2.508	3.342	-.4552	.2289	-.0631	4.853
#3	-4.114	-.2003	-1.002	.0647	-.0118	1.002

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1446	.1276	-.3587	-.1425	4.657	-16.30
Stddev	.0982	.3492	.3302	.4520	11.44	8.62
%RSD	67.93	273.6	92.06	317.2	245.6	52.91
#1	.2272	-.2415	-.6068	.3745	12.93	-11.65
#2	.1705	.1715	.0161	-.3389	9.443	-10.99
#3	.0360	.4529	-.4852	-.4631	-8.398	-26.25

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.841	.0716	-8.531	.0255	-.5870	-1.351
Stddev	9.720	.2098	12.17	.5127	.3585	1.694
%RSD	253.1	293.1	142.7	2014.	61.07	125.4
#1	11.56	.3072	-10.19	-.3918	-.5761	-3.307
#2	-7.075	.0028	-19.79	-.1296	-.9509	-.3581
#3	7.036	-.0952	4.383	.5978	-.2342	-.3883

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-300299/1-a@2 Acquired: 5/23/2015 13:54:25 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.890	.2398	.1817	.0205	.2509	-.4207
Stddev	4.481	1.729	.2952	.0621	.1359	.3105
%RSD	115.2	720.9	162.4	303.2	54.16	73.79
#1	4.739	2.075	.5172	.0285	.3222	-.2606
#2	-.9543	-1.358	-.0381	-.0453	.3363	-.7786
#3	7.886	.0028	.0661	.0782	.0942	-.2230

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.8672	-.0143	-.0081	-4.602
Stddev	.2699	.1951	.1152	8.021
%RSD	31.13	1365.	1426.	174.3
#1	1.076	.2109	.1137	-13.45
#2	.5623	-.1236	-.1153	-2.550
#3	.9638	-.1302	-.0226	2.194

Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3718.0	37403.	14527.
Stddev	26.7	507.	292.
%RSD	.71943	1.3547	2.0108
#1	3742.4	37888.	14804.
#2	3722.2	37443.	14553.
#3	3689.4	36877.	14222.

Sample Name: 460-94877-a-54-b du@ Acquired: 5/23/2015 13:58:16 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10570.	9.704	-7.7193	92.89	.8062	277.1
Stddev	111.	3.220	.6889	.65	.0778	3.5
%RSD	1.045	33.18	95.78	.7010	9.651	1.260
#1	10450.	12.89	-.4738	92.16	.7773	273.9
#2	10590.	6.448	-.1867	93.12	.8943	276.7
#3	10670.	9.779	-1.497	93.40	.7469	280.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2603	5.263	17.16	20.43	24050.	750.9
Stddev	.0635	.052	.34	.20	262.	34.2
%RSD	24.38	.9820	1.956	.9924	1.089	4.560
#1	-.2209	5.299	16.91	20.26	23810.	762.0
#2	-.2264	5.203	17.04	20.39	24010.	712.5
#3	-.3335	5.285	17.54	20.66	24330.	778.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1512.	286.7	13.01	9.624	18.35	-.0697
Stddev	27.	2.9	4.07	.124	1.16	1.957
%RSD	1.784	1.025	31.29	1.287	6.315	2809.
#1	1493.	284.4	17.13	9.621	17.06	.8645
#2	1500.	285.7	12.93	9.750	18.70	1.245
#3	1543.	290.0	8.982	9.502	19.29	-2.318

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-54-b du@ Acquired: 5/23/2015 13:58:16 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.261	.1880	25.86	72.56	2.585	1.266
Stddev	3.536	1.766	.56	.53	.126	.432
%RSD	280.5	939.2	2.171	.7309	4.889	34.11
#1	2.531	-1.850	25.90	71.96	2.441	.7681
#2	-1.844	1.272	25.29	72.74	2.636	1.534
#3	-4.469	1.142	26.41	72.98	2.678	1.497

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.096	2.789	539.5	928.1
Stddev	.568	.134	3.7	20.9
%RSD	11.15	4.797	.6862	2.253
#1	4.742	2.881	535.5	937.0
#2	5.752	2.635	540.3	943.2
#3	4.795	2.850	542.8	904.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3684.8	36788.	14000.
Stddev	15.6	447.	340.
%RSD	.42437	1.2154	2.4261
#1	3690.3	36854.	14268.
#2	3696.9	37199.	14114.
#3	3667.2	36312.	13618.

Sample Name: 460-94877-a-54-a@4 Acquired: 5/23/2015 14:02:05 Type: Unk

Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10410.	8.928	-.6477	89.55	.7740	252.1
Stddev	50.	3.538	.1882	.22	.1270	1.7
%RSD	.4819	39.63	29.06	.2505	16.41	.6815

#1	10380.	8.979	-.8012	89.67	.8777	253.1
#2	10380.	12.44	-.7043	89.69	.8120	253.1
#3	10470.	5.365	-.4377	89.29	.6324	250.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0863	5.278	16.64	22.82	24540.	750.6
Stddev	.0380	.215	.41	.29	30.	54.6
%RSD	44.00	4.076	2.484	1.264	.1215	7.280

#1	-.0672	5.094	16.25	23.00	24520.	695.5
#2	-.1301	5.224	16.61	22.48	24580.	804.8
#3	-.0617	5.515	17.07	22.97	24520.	751.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1494.	305.7	12.32	10.02	17.96	.8841
Stddev	13.	.3	7.03	.23	2.10	.7206
%RSD	.8444	.1074	57.09	2.319	11.71	81.50

#1	1480.	305.4	4.211	9.752	15.55	1.154
#2	1499.	306.1	15.96	10.16	18.95	.0675
#3	1503.	305.6	16.78	10.15	19.39	1.431

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-54-a@4 Acquired: 5/23/2015 14:02:05 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.159	.1776	27.11	76.69	1.967	1.503
Stddev	4.711	.7766	.13	.48	.464	.286
%RSD	218.2	437.3	.4855	.6253	23.57	19.02
#1	1.859	-.6722	26.96	76.36	1.731	1.766
#2	-2.395	.3546	27.18	77.24	2.500	1.545
#3	7.013	.8504	27.18	76.47	1.668	1.199

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	6.288	2.723	524.5	938.8
Stddev	.936	.072	1.3	8.4
%RSD	14.88	2.634	.2509	.8960
#1	5.470	2.648	523.1	938.5
#2	6.086	2.792	525.7	930.6
#3	7.308	2.729	524.7	947.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3781.8	38194.	14984.
Stddev	10.7	59.	98.
%RSD	.28390	.15471	.65330
#1	3774.1	38128.	15088.
#2	3777.2	38240.	14970.
#3	3794.0	38214.	14894.

Sample Name: sd 460-94877-a-54-a@ Acquired: 5/23/2015 14:05:54 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2009.	1.586	-.1475	17.24	.2104	66.02
Stddev	30.	2.632	.5237	.15	.0970	2.85
%RSD	1.498	165.9	354.9	.8886	46.09	4.324
#1	2036.	4.376	-.5528	17.36	.2927	69.26
#2	2015.	1.234	.4437	17.28	.1035	63.90
#3	1976.	-.8522	-.3336	17.07	.2351	64.89

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1717	.8420	3.438	4.058	4860.	147.3
Stddev	.1475	.0738	.449	.143	16.	9.5
%RSD	85.90	8.769	13.07	3.525	.3194	6.435
#1	.2441	.8292	3.659	3.940	4842.	140.8
#2	.0020	.9214	2.921	4.016	4867.	158.2
#3	.2690	.7754	3.735	4.217	4870.	142.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	296.0	60.27	-8.252	2.566	3.461	.1517
Stddev	6.5	.37	6.569	.611	1.968	.9692
%RSD	2.200	.6137	79.61	23.83	56.87	639.0
#1	288.5	59.84	-2.518	3.266	1.347	-.5740
#2	300.2	60.46	-15.42	2.295	5.240	1.252
#3	299.3	60.50	-6.819	2.136	3.796	-.2233

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-94877-a-54-a@ Acquired: 5/23/2015 14:05:54 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.751	.3509	5.225	15.40	.2557	.3057
Stddev	2.074	2.478	.103	.22	.3471	.2855
%RSD	118.5	706.1	1.980	1.431	135.7	93.40
#1	4.146	2.463	5.327	15.25	-.1190	.0084
#2	.5772	.9663	5.229	15.65	.5662	.3308
#3	.5288	-2.377	5.120	15.30	.3199	.5777

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.824	.4683	102.1	179.9
Stddev	1.738	.0761	.5	14.0
%RSD	95.32	16.25	.4662	7.766
#1	-.1745	.4969	101.6	163.8
#2	2.988	.3821	102.3	186.9
#3	2.658	.5260	102.5	188.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3757.2	37950.	14734.
Stddev	22.1	351.	199.
%RSD	.58710	.92485	1.3490
#1	3782.7	38344.	14875.
#2	3745.4	37839.	14821.
#3	3743.7	37669.	14507.

Sample Name: 460-94877-a-54-c.ms Acquired: 5/23/2015 14:09:43 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15030.	992.8	26.45	1159.	27.67	10770.
Stddev	39.	4.8	.46	1.	.08	85.
%RSD	.2566	.4829	1.748	.1263	.2929	.7896
#1	14990.	990.8	25.95	1158.	27.57	10670.
#2	15040.	989.4	26.85	1161.	27.73	10800.
#3	15070.	998.3	26.56	1159.	27.70	10830.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26.03	274.7	130.9	151.8	28560.	10290.
Stddev	.09	.5	1.0	.7	228.	82.
%RSD	.3552	.1917	.7865	.4646	.7996	.8006
#1	25.93	274.2	129.7	152.6	28290.	10200.
#2	26.12	274.9	131.4	151.2	28670.	10340.
#3	26.03	275.2	131.6	151.7	28710.	10340.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12120.	597.6	10170.	285.7	291.3	202.8
Stddev	75.	3.8	46.	.5	1.3	1.7
%RSD	.6185	.6367	.4494	.1831	.4586	.8587
#1	12040.	593.2	10120.	285.1	291.6	200.9
#2	12130.	600.1	10170.	286.1	289.9	204.4
#3	12190.	599.4	10210.	285.9	292.5	203.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-54-c.ms Acquired: 5/23/2015 14:09:43 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	975.5	1130.	293.5	359.1	250.3	248.4
Stddev	5.8	5.	2.1	2.2	.6	.3
%RSD	.5986	.4471	.7125	.6001	.2444	.1373
#1	973.7	1124.	291.7	356.7	251.0	248.5
#2	982.1	1133.	292.9	359.7	250.1	248.6
#3	970.8	1133.	295.8	360.9	249.8	248.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	265.9	265.0	856.3	1834.
Stddev	1.8	.2	1.6	37.
%RSD	.6774	.0903	.1818	2.033
#1	263.8	264.9	854.5	1818.
#2	266.7	264.9	857.2	1876.
#3	267.1	265.3	857.3	1807.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3630.4	36154.	14041.
Stddev	13.9	349.	246.
%RSD	.38333	.96399	1.7554
#1	3646.4	36556.	14257.
#2	3621.8	35966.	14094.
#3	3622.9	35939.	13773.

Sample Name: pds 460-94877-a-54-a Acquired: 5/23/2015 14:13:23 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12310.	1993.	54.12	2179.	53.87	20650.
Stddev	24.	2.	.70	4.	.11	48.
%RSD	.1918	.0991	1.287	.1663	.2005	.2324

#1	12310.	1993.	54.10	2177.	53.78	20630.
#2	12280.	1991.	54.83	2176.	53.99	20710.
#3	12330.	1995.	53.44	2183.	53.83	20620.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	52.02	537.5	231.3	278.5	24970.	19280.
Stddev	.15	1.2	1.2	.6	90.	57.
%RSD	.2813	.2159	.5376	.2326	.3612	.2961

#1	51.97	537.7	230.0	278.1	24870.	19240.
#2	51.92	538.6	232.5	279.3	25040.	19250.
#3	52.19	536.3	231.3	278.2	24990.	19350.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21560.	827.4	20240.	548.7	556.4	467.9
Stddev	56.	2.7	23.	2.3	1.9	2.8
%RSD	.2601	.3299	.1148	.4141	.3382	.5911

#1	21520.	824.3	20220.	548.3	555.2	469.2
#2	21620.	828.5	20240.	551.1	555.4	464.8
#3	21540.	829.4	20260.	546.6	558.6	469.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-94877-a-54-a Acquired: 5/23/2015 14:13:23 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1986.	2247.	551.1	606.3	507.9	500.5
Stddev	10.	10.	2.4	.4	1.5	1.9
%RSD	.5155	.4432	.4323	.0608	.3021	.3785
#1	1975.	2238.	548.5	605.9	506.3	498.8
#2	1988.	2257.	553.1	606.3	507.9	500.1
#3	1995.	2245.	551.6	606.7	509.4	502.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	529.9	521.8	1047.	1030.
Stddev	2.3	.5	1.	8.
%RSD	.4386	.0989	.1413	.7395
#1	528.0	522.3	1046.	1021.
#2	529.3	521.9	1048.	1034.
#3	532.5	521.3	1048.	1035.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3720.5	37454.	14977.
Stddev	7.5	71.	49.
%RSD	.20138	.18947	.32937
#1	3713.0	37535.	15016.
#2	3720.6	37403.	14922.
#3	3728.0	37425.	14994.

Sample Name: 460-94877-a-51-a@4 Acquired: 5/23/2015 14:16:57 Type: Unk

Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18740.	14.78	-1.1890	1441.	1.058	5396.
Stddev	63.	1.28	.2936	1.	.057	36.
%RSD	.3336	8.668	155.3	.0799	5.421	.6649

#1	18670.	16.22	-1.1206	1442.	1.013	5371.
#2	18770.	13.76	-5.108	1440.	1.039	5380.
#3	18790.	14.37	.0643	1440.	1.123	5437.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.596	13.20	77.52	202.5	80010.	1155.
Stddev	.145	.34	.31	1.1	224.	10.
%RSD	5.589	2.548	.3958	.5343	.2800	.8456

#1	2.705	12.99	77.47	201.7	79820.	1157.
#2	2.431	13.02	77.85	202.0	79960.	1144.
#3	2.651	13.59	77.24	203.7	80250.	1163.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6862.	498.7	150.4	83.23	321.5	1.631
Stddev	44.	1.6	7.8	.48	1.2	2.621
%RSD	.6458	.3289	5.179	.5754	.3836	160.7

#1	6830.	497.9	159.3	83.78	322.3	4.625
#2	6844.	497.6	144.8	83.01	322.2	-.2481
#3	6913.	500.6	147.0	82.91	320.1	.5162

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-51-a@4 Acquired: 5/23/2015 14:16:57 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.224	2.019	125.3	969.0	13.77	4.393
Stddev	.443	.711	.2	4.4	.21	.334
%RSD	36.22	35.21	.1904	.4562	1.498	7.602
#1	-1.396	2.813	125.0	965.5	13.90	4.736
#2	-1.556	1.801	125.3	967.6	13.53	4.069
#3	-.7204	1.442	125.5	973.9	13.88	4.373

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	46.89	38.25	672.7	1094.
Stddev	.93	.07	.8	10.
%RSD	1.980	.1759	.1135	.9553
#1	47.21	38.18	672.8	1087.
#2	45.85	38.26	671.9	1106.
#3	47.62	38.32	673.4	1090.

Check ? Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3774.1	38094.	15087.
Stddev	9.6	198.	142.
%RSD	.25383	.51882	.94226
#1	3778.8	38089.	15091.
#2	3780.5	38294.	15227.
#3	3763.1	37899.	14943.

Sample Name: 460-94877-a-52-a@4 Acquired: 5/23/2015 14:20:40 Type: Unk

Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25110.	13.12	-.4986	1627.	1.102	1893.
Stddev	184.	.93	.1452	2.	.030	15.
%RSD	.7308	7.051	29.11	.1070	2.711	.7868

#1	24910.	13.07	-.5098	1628.	1.113	1876.
#2	25270.	12.22	-.6378	1627.	1.125	1900.
#3	25160.	14.07	-.3482	1625.	1.068	1903.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0050	9.966	41.68	138.0	34490.	962.0
Stddev	.2570	.108	.06	1.0	161.	7.4
%RSD	5132.	1.087	.1343	.7312	.4678	.7734

#1	.1399	9.959	41.68	138.8	34310.	960.2
#2	.1665	10.08	41.62	138.2	34630.	970.2
#3	-.2914	9.861	41.73	136.9	34530.	955.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2232.	420.2	109.8	19.54	198.6	-.7450
Stddev	18.	1.3	8.2	.36	2.6	.4400
%RSD	.7991	.3205	7.436	1.827	1.303	59.06

#1	2217.	418.7	117.4	19.83	196.3	-.4441
#2	2252.	421.4	101.2	19.14	198.1	-.5409
#3	2227.	420.5	110.9	19.64	201.4	-1.250

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-52-a@4 Acquired: 5/23/2015 14:20:40 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2428	.9933	44.02	941.6	8.809	2.455
Stddev	3.201	.4837	.41	5.1	.521	.225
%RSD	1318.	48.69	.9311	.5394	5.917	9.157
#1	-2.642	1.015	43.55	938.9	8.798	2.705
#2	-.3155	.4990	44.28	938.4	9.336	2.392
#3	3.686	1.466	44.24	947.5	8.294	2.269

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.186	30.78	512.9	561.7
Stddev	.413	.12	1.0	10.8
%RSD	7.960	.3968	.1958	1.916
#1	5.604	30.69	512.1	568.9
#2	5.175	30.92	514.0	549.3
#3	4.779	30.73	512.6	566.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3768.6	37864.	14827.
Stddev	20.0	302.	320.
%RSD	.53031	.79765	2.1566
#1	3777.2	38206.	15195.
#2	3782.8	37633.	14617.
#3	3745.8	37752.	14669.

Sample Name: 460-94877-a-53-a@4 Acquired: 5/23/2015 14:24:24 Type: Unk

Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1850.	5.464	-8325	113.3	.1714	1922.
Stddev	24.	1.035	.6262	.1	.1198	21.
%RSD	1.319	18.95	75.22	.0937	69.87	1.092

#1	1877.	6.570	-1.550	113.2	.3040	1926.
#2	1830.	4.517	-.3971	113.3	.0709	1941.
#3	1843.	5.307	-.5502	113.4	.1395	1900.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7433	1.517	15.14	25.58	5042.	249.3
Stddev	.0920	.193	.18	.34	27.	22.5
%RSD	12.37	12.75	1.197	1.315	.5287	9.030

#1	.8397	1.576	15.00	25.47	5062.	243.5
#2	.6565	1.674	15.06	25.31	5052.	230.2
#3	.7336	1.301	15.34	25.96	5011.	274.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	698.5	93.94	55.92	5.379	266.5	1.109
Stddev	2.4	.24	6.04	.895	3.1	2.106
%RSD	.3468	.2589	10.81	16.64	1.165	190.0

#1	701.3	94.19	51.99	4.657	266.7	-.7537
#2	697.1	93.93	52.90	6.381	263.3	.6848
#3	697.1	93.70	62.88	5.099	269.4	3.395

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-53-a@4 Acquired: 5/23/2015 14:24:24 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.069	-.3217	12.49	227.9	2.710	.1736
Stddev	1.883	.2390	.20	3.3	.166	.2519
%RSD	91.01	74.29	1.567	1.435	6.112	145.1
#1	.0940	-.5899	12.42	230.4	2.685	.3664
#2	3.845	-.1312	12.34	229.0	2.558	-.1114
#3	2.269	-.2441	12.71	224.2	2.887	.2660

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	3.698	8.215	288.2	300.1
Stddev	.979	.006	.3	3.3
%RSD	26.47	.0735	.0923	1.091
#1	3.192	8.221	288.5	301.2
#2	4.826	8.209	288.1	296.4
#3	3.075	8.216	288.0	302.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3817.5	38473.	14948.
Stddev	71.4	970.	553.
%RSD	1.8715	2.5209	3.6997
#1	3767.3	37831.	14501.
#2	3785.9	37999.	14775.
#3	3899.3	39588.	15566.

Sample Name: 460-94877-a-55-a@4 Acquired: 5/23/2015 14:28:12 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8450.	9.107	-4855	38.03	.6457	213.5
Stddev	106.	.968	.3151	.12	.0535	1.6
%RSD	1.253	10.63	64.90	.3107	8.288	.7610
#1	8356.	9.468	-.2150	37.94	.6684	215.4
#2	8431.	8.010	-.8315	37.99	.6842	212.9
#3	8565.	9.843	-.4100	38.16	.5846	212.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1741	4.661	15.31	13.63	19450.	665.3
Stddev	.3100	.356	.77	.33	257.	24.4
%RSD	178.1	7.631	5.042	2.403	1.321	3.674
#1	-.0390	4.415	14.91	13.28	19170.	648.8
#2	.0454	4.499	14.83	13.68	19510.	653.8
#3	-.5287	5.069	16.21	13.93	19670.	693.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1293.	248.3	38.08	9.138	8.374	.7436
Stddev	15.	2.3	2.88	.791	1.257	1.631
%RSD	1.166	.9095	7.568	8.661	15.01	219.4
#1	1278.	245.8	35.07	9.956	9.224	.2281
#2	1292.	248.8	38.36	8.376	6.930	2.571
#3	1308.	250.2	40.81	9.082	8.968	-.5678

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-55-a@4 Acquired: 5/23/2015 14:28:12 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.331	.4725	21.65	24.65	1.126	.8943
Stddev	2.387	1.870	.35	.26	.330	.0759
%RSD	71.68	395.9	1.624	1.056	29.28	8.483
#1	1.194	2.288	21.47	24.61	1.289	.9394
#2	2.890	-1.449	21.42	24.41	1.343	.9368
#3	5.907	.5785	22.05	24.92	.7468	.8068

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.029	1.985	401.8	481.9
Stddev	.280	.054	1.9	6.4
%RSD	27.17	2.721	.4809	1.329
#1	.7615	1.925	399.7	482.5
#2	1.006	1.998	402.3	475.2
#3	1.319	2.031	403.5	488.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3903.4	39712.	15714.
Stddev	2.8	415.	272.
%RSD	.07078	1.0453	1.7298
#1	3906.6	40185.	16016.
#2	3901.7	39546.	15637.
#3	3902.0	39406.	15489.

Sample Name: CCV Acquired: 5/23/2015 14:32:03 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	119700.	2407.	1190.	9730.	974.0	121900.
Stddev	388.	4.	2.	3.	3.1	712.
%RSD	.3239	.1590	.1828	.0323	.3214	.5844

#1	119300.	2411.	1192.	9731.	970.8	121300.
#2	119700.	2405.	1191.	9733.	974.4	121600.
#3	120100.	2405.	1188.	9727.	977.0	122700.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1215.	2416.	4918.	11890.	98880.	47550.
Stddev	1.	3.	23.	26.	620.	187.
%RSD	.0844	.1402	.4623	.2160	.6273	.3921

#1	1215.	2416.	4898.	11910.	98340.	47340.
#2	1217.	2420.	4913.	11900.	98740.	47630.
#3	1215.	2413.	4942.	11860.	99560.	47680.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122100.	4946.	120400.	2432.	7343.	948.0
Stddev	683.	21.	238.	4.	10.	6.9
%RSD	.5590	.4337	.1975	.1763	.1392	.7266

#1	121600.	4930.	120200.	2434.	7354.	948.5
#2	121900.	4937.	120400.	2434.	7341.	954.6
#3	122900.	4970.	120600.	2427.	7334.	940.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 5/23/2015 14:32:03 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2383.	2489.	2432.	2464.	960.5	2352.
Stddev	10.	8.	7.	5.	1.3	4.
%RSD	.4286	.3246	.2838	.2128	.1336	.1694

#1	2395.	2482.	2430.	2458.	959.0	2354.
#2	2377.	2487.	2427.	2469.	960.9	2354.
#3	2378.	2498.	2440.	2464.	961.4	2348.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	976.5	4827.	9861.	9165.
Stddev	.9	40.	19.	141.
%RSD	.0883	.8259	.1957	1.543

#1	975.5	4795.	9851.	9292.
#2	977.0	4815.	9849.	9191.
#3	976.9	4872.	9883.	9013.

Check ?	Chk Pass	Chk Pass	Chk Pass	None
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3576.0	35382.	14587.
Stddev	13.8	425.	319.
%RSD	.38669	1.2007	2.1855

#1	3591.9	35706.	14907.
#2	3568.9	35539.	14584.
#3	3567.2	34901.	14270.

Sample Name: CCB Acquired: 5/23/2015 14:35:39 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.597	1.677	-.2285	.7793	.0355	9.645
Stddev	11.03	2.330	.2926	.9619	.1014	4.055
%RSD	690.5	138.9	128.1	123.4	285.5	42.04

#1	9.946	3.367	-.5126	1.890	.1103	14.06
#2	-2.711	2.646	.0719	.2418	.0760	6.097
#3	-12.03	-.9812	-.2448	.2063	-.0798	8.775

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3328	.2381	.0908	-.2820	19.45	2.422
Stddev	.1076	.5191	.3948	.2706	10.49	36.02
%RSD	32.34	218.1	434.9	95.95	53.93	1487.

#1	.4132	.7851	.5109	.0122	29.73	15.00
#2	.3747	.1768	-.2725	-.3379	8.765	30.47
#3	.2105	-.2477	.0339	-.5203	19.85	-38.20

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.358	.1260	-4.532	.9689	-.3317	.6447
Stddev	6.173	.2105	10.07	.8770	3.450	.7668
%RSD	261.8	167.1	222.2	90.51	1040.	118.9

#1	9.480	.3687	7.089	1.614	3.644	.6178
#2	-.9555	-.0079	-10.74	-.0296	-2.528	1.425
#3	-1.450	.0173	-9.949	1.322	-2.112	-.1083

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 5/23/2015 14:35:39 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1767	1.732	-.2851	.2013	1.327	.0049
Stddev	2.905	1.389	.1510	.3208	.992	.3578
%RSD	1644.	80.24	52.95	159.4	74.73	7263.
#1	3.530	2.613	-.3880	.4771	2.399	.2819
#2	-1.410	.1298	-.3555	.2776	1.141	-.3990
#3	-1.590	2.452	-.1118	-.1508	.4417	.1319

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.6859	.2857	.2886	-14.26
Stddev	1.013	.1486	.3336	19.82
%RSD	147.8	52.00	115.6	139.0
#1	.1232	.4545	.6698	7.750
#2	.0787	.2282	.1463	-19.85
#3	1.856	.1746	.0498	-30.70

Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3791.0	37237.	13995.
Stddev	67.1	253.	28.
%RSD	1.7703	.67962	.19723
#1	3745.6	37296.	13986.
#2	3759.3	37455.	13973.
#3	3868.1	36960.	14026.

Sample Name: CCVL Acquired: 5/23/2015 14:39:31 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	177.8	15.00	8.337	186.9	1.724	4551.
Stddev	3.6	.50	.087	.6	.102	15.
%RSD	2.015	3.318	1.050	.3244	5.915	.3218

#1	181.5	14.97	8.284	186.2	1.714	4542.
#2	177.4	15.51	8.288	187.2	1.628	4544.
#3	174.4	14.52	8.438	187.3	1.831	4568.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.955	46.89	9.372	21.88	165.3	4248.
Stddev	.058	.22	.321	.10	11.8	21.
%RSD	1.471	.4753	3.426	.4740	7.152	.4899

#1	3.999	46.74	9.670	22.00	161.6	4249.
#2	3.889	46.78	9.032	21.80	155.8	4268.
#3	3.978	47.14	9.415	21.84	178.6	4226.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4553.	14.29	4350.	38.49	8.357	14.68
Stddev	11.	.09	11.	1.09	1.671	.93
%RSD	.2483	.6623	.2507	2.825	20.00	6.323

#1	4540.	14.22	4355.	37.31	7.210	15.00
#2	4560.	14.26	4357.	38.72	10.27	15.40
#3	4559.	14.40	4338.	39.45	7.587	13.63

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCVL Acquired: 5/23/2015 14:39:31 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23.14	22.28	45.13	31.00	43.00	17.79
Stddev	4.37	1.96	.47	.33	.63	.26
%RSD	18.90	8.801	1.043	1.069	1.460	1.481
#1	19.86	22.90	44.59	30.66	42.84	18.01
#2	21.46	20.09	45.35	31.04	42.47	17.50
#3	28.11	23.86	45.44	31.32	43.70	17.84

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	47.65	18.22	19.36	F 2.675
Stddev	.29	.08	.07	19.02
%RSD	.6181	.4257	.3733	711.0
#1	47.50	18.30	19.28	-12.59
#2	47.99	18.14	19.41	-3.365
#3	47.47	18.21	19.39	23.98

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				200.0
Range				-30.50%

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3848.9	38754.	15214.
Stddev	5.8	116.	91.
%RSD	.14982	.29986	.59500
#1	3854.4	38713.	15200.
#2	3849.3	38885.	15311.
#3	3842.9	38663.	15132.

Sample Name: 460-94877-a-56-a@4 Acquired: 5/23/2015 14:43:21 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	36320.	12.15	-1.967	9073.	1.338	2317.
Stddev	10.	.08	.1197	12.	.067	14.
%RSD	.0265	.6253	60.88	.1353	4.983	.6049
#1	36330.	12.22	-.1028	9087.	1.283	2301.
#2	36310.	12.15	-.1557	9067.	1.318	2329.
#3	36320.	12.07	-.3315	9064.	1.412	2320.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5771	6.951	123.6	767.9	28270.	1058.
Stddev	.1449	.178	.7	2.9	77.	46.
%RSD	25.11	2.556	.5928	.3733	.2713	4.357
#1	.4419	7.156	123.0	769.9	28190.	1112.
#2	.5591	6.837	124.4	769.1	28340.	1034.
#3	.7301	6.861	123.3	764.6	28280.	1030.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1577.	263.7	590.1	26.43	839.5	.0406
Stddev	5.	.6	3.2	.93	3.7	2.577
%RSD	.3460	.2195	.5410	3.518	.4402	6348.
#1	1573.	263.0	587.7	25.83	835.5	-2.298
#2	1583.	264.0	588.9	27.50	842.7	2.804
#3	1576.	264.0	593.8	25.96	840.2	-.3843

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-56-a@4 Acquired: 5/23/2015 14:43:21 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.147	.2308	38.46	4491.	32.62	5.355
Stddev	2.666	.4247	.26	14.	.07	.149
%RSD	232.4	184.0	.6775	.3068	.2007	2.791
#1	-6155	-0852	38.21	4475.	32.59	5.454
#2	4.214	.7135	38.73	4501.	32.57	5.183
#3	-1573	.0640	38.45	4496.	32.69	5.427

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	22.25	156.9	409.2	865.5
Stddev	1.47	.2	.3	11.2
%RSD	6.595	.1405	.0695	1.293
#1	20.67	156.9	409.0	867.6
#2	22.51	156.7	409.5	875.4
#3	23.56	157.1	409.1	853.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3802.0	37785.	14890.
Stddev	5.8	97.	91.
%RSD	.15231	.25795	.61318
#1	3798.7	37686.	14809.
#2	3798.7	37789.	14989.
#3	3808.7	37881.	14871.

Sample Name: 460-94877-a-57-a@4 Acquired: 5/23/2015 14:47:05 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23890.	10.85	-.0009	4643.	.7074	7299.
Stddev	38.	1.62	.4229	4.	.0404	22.
%RSD	.1580	14.88	48320.	.0944	5.708	.3006
#1	23930.	9.056	.0150	4639.	.6640	7277.
#2	23880.	12.18	-.4315	4643.	.7439	7298.
#3	23850.	11.33	.4139	4647.	.7142	7321.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.132	4.515	56.64	231.7	24660.	1273.
Stddev	.062	.260	.35	1.8	32.	43.
%RSD	5.465	5.767	.6111	.7808	.1317	3.341
#1	1.116	4.391	56.24	230.5	24660.	1302.
#2	1.079	4.814	56.81	230.8	24630.	1292.
#3	1.200	4.340	56.87	233.8	24690.	1224.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2280.	168.6	257.6	26.65	787.0	.4595
Stddev	12.	.6	3.3	.27	.4	.6391
%RSD	.5226	.3569	1.281	1.014	.0489	139.1
#1	2268.	168.1	259.3	26.96	787.4	1.019
#2	2292.	168.4	253.8	26.54	786.9	.5972
#3	2280.	169.3	259.7	26.45	786.7	-.2372

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-57-a@4 Acquired: 5/23/2015 14:47:05 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.538	.2398	78.60	820.6	18.94	6.351
Stddev	1.823	1.119	.46	1.6	.25	.421
%RSD	71.82	466.7	.5887	.1991	1.306	6.636
#1	3.684	.2723	78.10	821.1	19.20	6.807
#2	3.493	1.342	78.68	818.8	18.92	6.269
#3	.4361	-.8953	79.01	821.9	18.70	5.976

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	10.32	103.4	459.6	827.3
Stddev	.64	.1	.9	28.1
%RSD	6.206	.1436	.2000	3.397
#1	11.06	103.3	459.0	803.2
#2	9.924	103.4	459.1	858.2
#3	9.972	103.6	460.6	820.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3884.3	39350.	15648.
Stddev	16.0	206.	193.
%RSD	.41280	.52427	1.2308
#1	3866.2	39134.	15426.
#2	3896.8	39373.	15765.
#3	3889.8	39544.	15754.

Sample Name: 460-94877-a-58-a@4 Acquired: 5/23/2015 14:50:48 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	60490.	13.68	-8183	660.6	1.427	1203.
Stddev	107.	.69	.1706	2.4	.077	4.
%RSD	.1762	5.031	20.85	.3675	5.370	.3603

#1	60390.	13.87	-.6213	658.6	1.341	1207.
#2	60470.	12.91	-.9173	659.9	1.452	1198.
#3	60600.	14.25	-.9163	663.3	1.489	1203.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1551	7.715	64.35	55.83	59300.	1179.
Stddev	.1859	.227	.15	.48	196.	21.
%RSD	119.8	2.935	.2332	.8655	.3306	1.784

#1	-.3517	7.560	64.18	55.28	59520.	1161.
#2	-.1315	7.975	64.47	56.14	59210.	1202.
#3	.0178	7.611	64.41	56.09	59160.	1173.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3472.	214.4	83.05	27.21	117.4	-.5470
Stddev	3.	2.1	3.98	.30	1.1	.8415
%RSD	.0934	1.003	4.791	1.120	.9070	153.8

#1	3475.	216.8	79.53	27.39	118.1	.2847
#2	3471.	212.7	82.27	26.86	116.2	-.5279
#3	3469.	213.6	87.37	27.39	118.0	-1.398

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-58-a@4 Acquired: 5/23/2015 14:50:48 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.345	-.3672	99.85	347.8	6.956	2.535
Stddev	4.863	.3673	.24	1.1	.374	.103
%RSD	111.9	100.0	.2435	.3204	5.376	4.063
#1	9.411	-.6636	99.91	346.6	7.220	2.516
#2	3.908	.0436	99.59	348.1	6.528	2.443
#3	-.2853	-.4818	100.1	348.8	7.119	2.646

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	4.314	18.69	801.6	1152.
Stddev	.951	.18	1.3	28.
%RSD	22.04	.9846	.1676	2.444
#1	5.409	18.49	800.1	1120.
#2	3.700	18.85	802.3	1165.
#3	3.832	18.72	802.5	1172.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3914.8	39429.	15769.
Stddev	21.2	670.	357.
%RSD	.54096	1.6993	2.2666
#1	3891.4	38658.	15365.
#2	3920.4	39756.	15898.
#3	3932.6	39873.	16044.

Sample Name: 460-94877-a-59-a@4 Acquired: 5/23/2015 14:54:33 Type: Unk

Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	43540.	12.13	-.9350	123.7	1.376	386.9
Stddev	156.	3.34	.6482	.4	.125	7.4
%RSD	.3585	27.55	69.32	.3328	9.075	1.902

#1	43360.	14.49	-.5418	123.3	1.507	378.5
#2	43580.	8.307	-1.683	124.1	1.258	389.8
#3	43670.	13.60	-.5800	123.7	1.363	392.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3895	11.60	45.49	18.70	47680.	953.5
Stddev	.2893	.02	.74	.33	201.	.7
%RSD	74.27	.2051	1.626	1.757	.4204	.0747

#1	-.4444	11.62	44.68	18.77	47460.	953.8
#2	-.0767	11.60	46.12	18.98	47740.	954.0
#3	-.6474	11.57	45.66	18.34	47850.	952.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4303.	279.5	64.66	25.16	30.13	-.0926
Stddev	34.	1.0	5.92	.14	1.07	1.439
%RSD	.7955	.3511	9.159	.5591	3.565	1554.

#1	4265.	278.5	70.13	25.31	31.37	-1.754
#2	4314.	280.4	65.47	25.13	29.56	.6907
#3	4331.	279.5	58.37	25.04	29.47	.7851

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-59-a@4 Acquired: 5/23/2015 14:54:33 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.298	1.290	71.11	94.34	4.539	1.416
Stddev	5.077	1.080	.31	.51	.109	.206
%RSD	153.9	83.78	.4371	.5422	2.404	14.56
#1	.2243	2.299	71.04	93.89	4.600	1.201
#2	9.158	.1502	71.45	94.23	4.605	1.436
#3	.5127	1.419	70.83	94.90	4.413	1.612

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.584	5.818	743.7	621.7
Stddev	.727	.164	1.5	16.0
%RSD	28.12	2.820	.2041	2.575
#1	3.395	6.001	742.2	625.7
#2	1.992	5.769	745.2	604.1
#3	2.364	5.684	743.5	635.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3957.6	39838.	16013.
Stddev	9.6	188.	164.
%RSD	.24376	.47186	1.0223
#1	3958.7	40012.	16142.
#2	3966.6	39862.	16069.
#3	3947.4	39639.	15829.

Sample Name: 460-94877-a-60-b@4 Acquired: 5/23/2015 14:58:19 Type: Unk

Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11250.	4.182	-7816	1562.	.6247	5203.
Stddev	64.	2.139	.3732	2.	.1138	15.
%RSD	.5725	51.13	47.75	.1108	18.22	.2925

#1	11330.	1.816	-.4032	1561.	.7398	5203.
#2	11200.	5.976	-1.149	1560.	.5122	5219.
#3	11230.	4.756	-.7920	1564.	.6223	5189.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2201	15.56	27.72	185.9	34280.	491.8
Stddev	.2069	.30	.82	.1	107.	27.7
%RSD	94.00	1.931	2.974	.0606	.3130	5.625

#1	.3332	15.30	28.06	185.9	34370.	519.1
#2	.3459	15.89	28.32	185.8	34310.	492.4
#3	-.0187	15.49	26.78	186.0	34160.	463.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6888.	228.1	225.5	12.41	303.2	-.0079
Stddev	18.	.3	10.0	.66	.8	1.696
%RSD	.2559	.1319	4.416	5.340	.2740	21390.

#1	6895.	228.1	218.8	12.04	304.1	.5501
#2	6900.	228.3	237.0	13.18	302.5	1.339
#3	6868.	227.8	220.9	12.02	303.1	-1.913

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-60-b@4 Acquired: 5/23/2015 14:58:19 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.444	3.938	83.47	750.7	17.18	.9894
Stddev	2.003	.009	.25	2.4	.77	.2081
%RSD	81.97	.2292	.3046	.3242	4.486	21.04
#1	3.945	3.929	83.22	752.9	16.51	1.167
#2	3.218	3.947	83.73	748.1	17.01	.7602
#3	.1691	3.939	83.47	751.2	18.02	1.042

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	4.622	33.56	297.5	425.3
Stddev	.667	.10	.3	11.6
%RSD	14.44	.2965	.0930	2.725
#1	4.586	33.52	297.8	438.0
#2	3.974	33.49	297.3	415.4
#3	5.307	33.67	297.3	422.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3869.0	38959.	15352.
Stddev	3.6	234.	129.
%RSD	.09236	.60015	.84182
#1	3869.5	38747.	15204.
#2	3872.3	38921.	15441.
#3	3865.2	39210.	15411.

Sample Name: 460-94877-a-61-b@4 Acquired: 5/23/2015 15:02:03 Type: Unk

Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	48630.	19.33	-.0808	10620.	1.485	8401.
Stddev	119.	1.50	.2864	15.	.019	10.
%RSD	.2448	7.752	354.7	.1428	1.307	.1200

#1	48740.	19.76	-.0324	10640.	1.475	8410.
#2	48640.	20.56	.1785	10620.	1.507	8403.
#3	48510.	17.66	-.3883	10610.	1.472	8390.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4279	13.13	121.0	1407.	56710.	1271.
Stddev	.1981	.41	1.1	5.	117.	9.
%RSD	46.29	3.121	.8816	.3330	.2063	.7195

#1	.2477	12.87	121.2	1404.	56840.	1276.
#2	.3960	12.92	122.1	1405.	56660.	1260.
#3	.6400	13.61	119.9	1413.	56630.	1276.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5874.	351.0	434.7	30.29	519.0	-1.293
Stddev	7.	.8	8.5	.56	1.2	1.615
%RSD	.1187	.2239	1.951	1.864	.2219	124.9

#1	5866.	351.7	433.3	29.77	519.1	-2.266
#2	5879.	351.1	443.8	30.89	517.9	.5714
#3	5877.	350.1	427.0	30.22	520.2	-2.186

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-61-b@4 Acquired: 5/23/2015 15:02:03 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-0.8280	1.437	105.1	F 5681.	60.85	2.801
Stddev	2.216	2.198	.4	37.	.21	.163
%RSD	267.7	153.0	.4054	.6509	.3389	5.822
#1	-3.075	3.759	105.5	5721.	60.81	2.892
#2	1.357	-.6111	105.1	5673.	61.07	2.612
#3	-.7659	1.162	104.7	5648.	60.66	2.897
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5000.		
Low Limit				-50.00		

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	40.13	209.6	772.7	1017.
Stddev	.47	.7	1.3	5.
%RSD	1.165	.3112	.1732	.4955
#1	39.67	209.8	774.2	1016.
#2	40.60	210.1	771.5	1012.
#3	40.14	208.8	772.5	1022.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3861.9	38733.	15435.
Stddev	29.6	258.	144.
%RSD	.76598	.66582	.93278
#1	3829.3	38456.	15284.
#2	3869.2	38778.	15450.
#3	3887.1	38966.	15571.

Sample Name: 460-94877-a-62-b@4 Acquired: 5/23/2015 15:05:46 Type: Unk

Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	49520.	12.17	-1.457	272.5	1.667	1912.
Stddev	84.	1.29	.442	.3	.039	2.
%RSD	.1706	10.60	30.35	.1052	2.341	.0847

#1	49480.	10.94	-.9480	272.8	1.622	1913.
#2	49620.	13.52	-1.679	272.3	1.696	1912.
#3	49470.	12.06	-1.745	272.3	1.682	1910.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4542	11.56	60.56	40.67	59270.	903.8
Stddev	.1421	.48	.48	.21	199.	16.3
%RSD	31.28	4.176	.8008	.5182	.3351	1.800

#1	-.4649	11.29	60.31	40.70	59490.	890.2
#2	-.5906	11.29	60.24	40.86	59220.	921.8
#3	-.3071	12.12	61.12	40.44	59100.	899.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4620.	289.6	81.67	30.60	41.06	-2.079
Stddev	20.	1.5	5.41	.51	1.55	2.192
%RSD	.4325	.5094	6.620	1.661	3.774	105.4

#1	4641.	291.3	81.50	30.90	41.13	.0216
#2	4619.	289.2	87.17	30.01	42.58	-4.353
#3	4601.	288.4	76.36	30.89	39.48	-1.906

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-62-b@4 Acquired: 5/23/2015 15:05:46 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.224	2.023	80.80	249.4	7.049	1.556
Stddev	3.218	.821	.19	1.1	.031	.262
%RSD	76.19	40.59	.2405	.4582	.4391	16.81
#1	7.928	1.741	80.66	250.4	7.084	1.750
#2	2.631	1.380	81.02	248.1	7.036	1.259
#3	2.113	2.948	80.72	249.7	7.027	1.660

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	3.607	18.33	896.2	630.1
Stddev	.949	.05	.9	4.0
%RSD	26.30	.2838	.1015	.6361
#1	4.632	18.36	896.5	625.4
#2	2.758	18.27	896.9	632.5
#3	3.432	18.35	895.2	632.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3907.1	39064.	15684.
Stddev	27.4	457.	182.
%RSD	.70101	1.1689	1.1622
#1	3875.8	38569.	15497.
#2	3927.0	39154.	15692.
#3	3918.3	39469.	15862.

Sample Name: 460-94877-a-63-b@4 Acquired: 5/23/2015 15:09:31 Type: Unk

Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21840.	12.35	-.2572	12980.	1.090	5587.
Stddev	67.	2.27	.1456	9.	.168	9.
%RSD	.3054	18.37	56.61	.0724	15.37	.1663

#1	21890.	13.19	-.3000	12970.	1.281	5576.
#2	21760.	9.787	-.3766	12980.	.9679	5594.
#3	21850.	14.09	-.0950	12980.	1.021	5590.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6718	10.53	240.9	1202.	33310.	1010.
Stddev	.0389	.26	.3	1.	112.	17.
%RSD	5.797	2.447	.1258	.0469	.3352	1.708

#1	.6973	10.82	240.6	1201.	33400.	989.9
#2	.6270	10.42	241.2	1202.	33180.	1019.
#3	.6912	10.34	240.9	1202.	33340.	1020.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3373.	421.6	147.7	21.37	1634.	1.879
Stddev	12.	.7	8.2	.71	3.	1.961
%RSD	.3529	.1712	5.526	3.318	.1874	104.4

#1	3362.	422.5	151.1	21.37	1631.	2.592
#2	3371.	421.2	138.4	22.07	1633.	-.3385
#3	3386.	421.2	153.7	20.66	1637.	3.384

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-63-b@4 Acquired: 5/23/2015 15:09:31 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.382	2.557	52.87	3288.	9.835	6.075
Stddev	1.566	2.799	.32	1.	.400	.343
%RSD	113.3	109.5	.6117	.0435	4.065	5.649
#1	1.455	5.368	52.63	3287.	10.29	6.289
#2	-.2192	2.531	52.74	3290.	9.645	6.257
#3	2.910	-.2288	53.23	3288.	9.565	5.679

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	7.381	146.1	557.7	742.1
Stddev	.349	.1	.7	10.4
%RSD	4.723	.0962	.1304	1.397
#1	7.014	145.9	558.4	744.7
#2	7.424	146.2	557.9	751.0
#3	7.707	146.1	556.9	730.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3898.5	39607.	15726.
Stddev	16.0	320.	192.
%RSD	.41031	.80777	1.2240
#1	3883.5	39251.	15504.
#2	3896.8	39701.	15842.
#3	3915.3	39869.	15833.

Sample Name: 460-94877-a-64-b@4 Acquired: 5/23/2015 15:13:13 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19820.	12.04	-.5201	8793.	.9381	8310.
Stddev	93.	.45	.8333	11.	.1722	50.
%RSD	.4683	3.754	160.2	.1280	18.36	.6014
#1	19750.	12.54	-1.431	8803.	.7452	8257.
#2	19790.	11.67	-.3346	8795.	1.077	8356.
#3	19930.	11.90	.2048	8781.	.9924	8319.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5783	8.940	193.3	772.1	27920.	734.3
Stddev	.1201	.201	1.4	2.0	74.	17.0
%RSD	20.76	2.245	.7042	.2552	.2649	2.318
#1	.4706	8.747	191.8	774.3	27850.	728.4
#2	.7078	9.148	194.4	770.6	27900.	721.1
#3	.5564	8.926	193.6	771.4	28000.	753.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2568.	423.3	145.0	17.96	1244.	.6192
Stddev	14.	1.5	5.9	.20	6.	1.811
%RSD	.5287	.3430	4.048	1.126	.4486	292.5
#1	2567.	422.7	138.2	17.78	1239.	1.310
#2	2555.	422.3	149.0	17.92	1250.	-1.436
#3	2583.	425.0	147.6	18.18	1242.	1.983

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-64-b@4 Acquired: 5/23/2015 15:13:13 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.138	2.060	51.94	2158.	12.30	4.618
Stddev	.747	.595	.65	6.	.44	.136
%RSD	34.96	28.88	1.253	.2698	3.594	2.935
#1	2.807	1.455	51.19	2152.	12.63	4.500
#2	2.276	2.644	52.32	2163.	11.80	4.766
#3	1.331	2.081	52.31	2160.	12.46	4.587

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	6.449	129.9	433.0	672.5
Stddev	.277	.4	1.0	10.0
%RSD	4.295	.3374	.2240	1.491
#1	6.198	130.2	432.6	662.6
#2	6.402	130.1	432.2	672.3
#3	6.746	129.4	434.1	682.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3867.1	38994.	15501.
Stddev	4.3	128.	184.
%RSD	.11225	.32825	1.1895
#1	3866.7	39073.	15518.
#2	3863.0	39063.	15677.
#3	3871.6	38847.	15309.

Sample Name: 460-94877-a-65-b@4 Acquired: 5/23/2015 15:16:55 Type: Unk

Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17440.	7.830	-5564	F 22130.	2.114	3603.
Stddev	20.	.830	.5021	17.	.060	19.
%RSD	.1133	10.60	90.24	.0783	2.857	.5163

#1	17420.	7.649	-1.010	22110.	2.055	3593.
#2	17460.	7.105	-.0168	22140.	2.111	3625.
#3	17450.	8.735	-.6425	22140.	2.176	3593.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				20000.		
Low Limit				-1000.		

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3281	11.97	1129.	4914.	21980.	894.9
Stddev	.1470	.07	5.	10.	109.	2.9
%RSD	44.82	.6143	.4861	.2087	.4975	.3275

#1	.4171	11.88	1125.	4910.	22110.	892.1
#2	.4088	12.02	1135.	4907.	21940.	894.6
#3	.1584	12.00	1126.	4926.	21900.	898.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1535.	404.6	113.5	90.93	5856.	15.17
Stddev	4.	1.3	8.6	.40	9.	1.97
%RSD	.2713	.3096	7.589	.4431	.1615	13.01

#1	1531.	404.2	106.7	91.34	5853.	16.95
#2	1539.	406.0	110.6	90.53	5848.	13.05
#3	1535.	403.6	123.2	90.91	5866.	15.52

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-65-b@4 Acquired: 5/23/2015 15:16:55 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6697	2.564	52.25	F 7438.	9.524	36.68
Stddev	2.886	.973	.28	24.	.270	.11
%RSD	431.0	37.95	.5263	.3211	2.833	.3100
#1	-1.870	3.094	51.96	7439.	9.376	36.81
#2	3.809	1.441	52.29	7462.	9.836	36.64
#3	.0706	3.156	52.50	7414.	9.361	36.60

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5000.		
Low Limit				-50.00		

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	6.364	248.4	325.9	650.5
Stddev	.633	.3	.6	10.7
%RSD	9.953	.1088	.1955	1.642
#1	6.978	248.2	325.4	639.0
#2	5.712	248.4	325.6	652.4
#3	6.402	248.7	326.6	660.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3871.7	39775.	15712.
Stddev	15.8	168.	178.
%RSD	.40858	.42288	1.1344
#1	3862.6	39743.	15618.
#2	3862.4	39624.	15600.
#3	3889.9	39956.	15917.

Sample Name: CCV Acquired: 5/23/2015 15:20:38 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121100.	2440.	1199.	9832.	983.2	121400.
Stddev	200.	14.	5.	80.	.8	268.
%RSD	.1653	.5689	.4531	.8163	.0799	.2210

#1	121100.	2445.	1200.	9888.	983.9	121700.
#2	121300.	2450.	1193.	9868.	983.3	121200.
#3	120900.	2424.	1204.	9740.	982.3	121300.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1223.	2443.	4916.	12090.	98740.	48140.
Stddev	11.	18.	7.	16.	238.	98.
%RSD	.8703	.7387	.1377	.1335	.2410	.2044

#1	1232.	2455.	4923.	12080.	99010.	48250.
#2	1226.	2452.	4912.	12090.	98630.	48100.
#3	1211.	2422.	4911.	12110.	98580.	48060.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121700.	4959.	122100.	2455.	7385.	973.6
Stddev	335.	8.	114.	21.	61.	3.5
%RSD	.2754	.1696	.0931	.8436	.8230	.3578

#1	122100.	4969.	122200.	2470.	7438.	975.0
#2	121500.	4955.	122100.	2465.	7400.	976.2
#3	121500.	4953.	122000.	2432.	7319.	969.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 5/23/2015 15:20:38 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2421.	2503.	2448.	2449.	976.9	2393.
Stddev	17.	18.	2.	24.	6.5	18.
%RSD	.7211	.7163	.0897	.9857	.6699	.7679

#1	2433.	2502.	2451.	2472.	975.2	2403.
#2	2428.	2521.	2447.	2450.	984.1	2404.
#3	2401.	2486.	2447.	2424.	971.4	2372.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	982.0	4936.	9962.	9463.
Stddev	9.0	47.	7.	89.
%RSD	.9157	.9440	.0744	.9432

#1	987.6	4916.	9971.	9471.
#2	986.6	4989.	9956.	9370.
#3	971.6	4902.	9960.	9548.

Check ?	Chk Pass	Chk Pass	Chk Pass	None
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3599.2	36018.	15069.
Stddev	19.6	66.	217.
%RSD	.54364	.18432	1.4386

#1	3579.3	35942.	15029.
#2	3599.9	36063.	14875.
#3	3618.4	36049.	15303.

Sample Name: CCB Acquired: 5/23/2015 15:24:15 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19.28	1.205	-.4703	.2132	.1684	13.11
Stddev	21.10	1.074	.1314	.2545	.2088	5.92
%RSD	109.4	89.14	27.95	119.4	124.0	45.16

#1	42.76	1.701	-.3387	.5065	.4044	19.94
#2	1.938	1.941	-.4706	.0516	.0076	10.04
#3	13.13	-.0276	-.6016	.0814	.0932	9.360

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2031	-.0066	.1334	.1066	9.186	18.69
Stddev	.1250	.2079	.0829	.5910	5.918	19.92
%RSD	61.53	3165.	62.12	554.3	64.42	106.6

#1	.1945	-.0834	.2281	.7738	11.98	-4.305
#2	.3322	.2288	.0745	-.1030	13.19	29.55
#3	.0827	-.1651	.0975	-.3509	2.389	30.81

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.124	.2511	10.39	.7574	-.7314	.1084
Stddev	8.467	.2731	14.32	.2968	2.219	1.437
%RSD	271.0	108.8	137.9	39.19	303.4	1325.

#1	12.90	.5518	26.92	1.097	1.460	-1.498
#2	-1.778	.1830	1.710	.6237	-2.977	1.273
#3	-1.751	.0185	2.534	.5508	-.6776	.5508

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 5/23/2015 15:24:15 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2194	-.0121	.1950	-.0103	1.631	.0750
Stddev	2.653	1.555	.3292	.1378	.486	.0888
%RSD	1209.	12900.	168.8	1338.	29.79	118.4
#1	2.812	1.010	.5750	.1162	2.075	.1651
#2	.3361	-1.801	-.0022	-.1572	1.708	.0721
#3	-2.490	.7547	.0122	.0101	1.112	-.0123

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.169	.4751	.5985	5.134
Stddev	.705	.7022	.5249	11.15
%RSD	60.33	147.8	87.71	217.2
#1	1.307	1.282	1.180	-5.046
#2	1.796	.1422	.4540	3.393
#3	.4051	.0013	.1609	17.05

Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3888.0	39434.	15262.
Stddev	3.7	126.	125.
%RSD	.09445	.32020	.82130
#1	3889.1	39523.	15406.
#2	3883.9	39490.	15184.
#3	3891.0	39289.	15195.

Sample Name: CCVL Acquired: 5/23/2015 15:28:07 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	170.3	14.52	8.369	187.9	1.835	4542.
Stddev	4.0	1.45	.204	.2	.144	17.
%RSD	2.335	9.963	2.437	.1190	7.868	.3836

#1	167.8	12.85	8.178	188.0	2.001	4548.
#2	168.2	15.43	8.344	187.6	1.750	4555.
#3	174.9	15.29	8.584	188.0	1.752	4522.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.845	47.73	9.207	22.05	164.4	4294.
Stddev	.179	.29	.287	.22	3.5	28.
%RSD	4.668	.6170	3.119	.9835	2.155	.6514

#1	4.002	48.00	9.120	21.88	160.6	4262.
#2	3.884	47.42	8.974	22.29	164.8	4315.
#3	3.649	47.77	9.528	21.97	167.7	4304.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4571.	14.44	4386.	38.83	8.635	15.54
Stddev	30.	.04	17.	1.00	.272	2.32
%RSD	.6544	.3041	.3940	2.581	3.145	14.95

#1	4573.	14.47	4405.	37.73	8.501	13.11
#2	4600.	14.39	4380.	39.05	8.948	17.74
#3	4540.	14.46	4372.	39.70	8.457	15.77

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCVL Acquired: 5/23/2015 15:28:07 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20.98	21.99	45.31	31.20	43.81	17.49
Stddev	1.76	1.17	.32	.28	.38	.22
%RSD	8.399	5.335	.7003	.9018	.8622	1.264
#1	19.39	23.31	45.20	31.52	43.85	17.32
#2	20.68	21.60	45.06	31.02	44.17	17.42
#3	22.87	21.06	45.66	31.05	43.42	17.74

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	47.19	18.37	19.52	F -9.190
Stddev	.85	.13	.14	7.989
%RSD	1.801	.7018	.7162	86.93
#1	46.35	18.36	19.36	-14.92
#2	48.05	18.50	19.56	-.0642
#3	47.16	18.24	19.63	-12.58

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				200.0
Range				-30.50%

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3851.7	38889.	15324.
Stddev	18.5	296.	217.
%RSD	.48066	.76152	1.4161
#1	3830.3	38584.	15104.
#2	3861.7	38909.	15331.
#3	3863.0	39175.	15538.

Sample Name: 460-94877-a-66-b@4 Acquired: 5/23/2015 15:31:58 Type: Unk

Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23000.	12.44	.1521	2104.	1.096	5059.
Stddev	362.	1.42	.2806	13.	.063	72.
%RSD	1.572	11.42	184.5	.6053	5.728	1.425

#1	22590.	11.17	.4096	2089.	1.092	4976.
#2	23130.	12.16	.1937	2111.	1.035	5101.
#3	23270.	13.97	-.1470	2111.	1.161	5101.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5874	10.58	77.85	239.3	34200.	1432.
Stddev	.1162	.14	1.19	4.2	396.	23.
%RSD	19.79	1.357	1.535	1.745	1.157	1.592

#1	.7209	10.61	76.47	234.5	33740.	1427.
#2	.5083	10.43	78.46	241.0	34360.	1457.
#3	.5332	10.71	78.61	242.3	34490.	1412.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3601.	400.2	136.9	26.62	580.1	-.1201
Stddev	60.	4.3	5.4	.55	5.4	.7800
%RSD	1.669	1.071	3.928	2.083	.9357	649.7

#1	3532.	395.2	140.3	26.32	574.0	-.8635
#2	3631.	402.4	139.7	27.26	581.7	.6920
#3	3639.	402.8	130.7	26.28	584.5	-.1887

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-66-b@4 Acquired: 5/23/2015 15:31:58 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.979	.8204	52.26	919.1	8.810	2.038
Stddev	2.360	2.239	.48	8.1	.224	.388
%RSD	79.24	273.0	.9113	.8781	2.537	19.04
#1	.8151	-1.557	51.73	909.8	8.878	2.112
#2	2.625	2.890	52.39	923.9	8.561	2.383
#3	5.496	1.128	52.65	923.7	8.992	1.618

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	8.196	51.25	580.3	635.2
Stddev	.149	.85	5.7	17.0
%RSD	1.822	1.660	.9861	2.676
#1	8.361	50.29	573.9	617.7
#2	8.071	51.55	581.9	636.2
#3	8.155	51.91	585.0	651.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3890.6	39758.	15885.
Stddev	8.2	61.	21.
%RSD	.21119	.15266	.13217
#1	3882.5	39706.	15893.
#2	3890.4	39743.	15862.
#3	3898.9	39825.	15902.

Sample Name: 460-94877-a-67-b@4 Acquired: 5/23/2015 15:35:41 Type: Unk

Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14330.	8.055	-.3045	1312.	.5667	2270.
Stddev	30.	1.266	.2694	3.	.0288	26.
%RSD	.2109	15.71	88.48	.2119	5.078	1.153

#1	14320.	7.488	-.5566	1314.	.5874	2251.
#2	14300.	7.172	-.0206	1314.	.5338	2259.
#3	14360.	9.505	-.3363	1309.	.5788	2300.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1801	6.521	30.32	109.8	20080.	726.4
Stddev	.0315	.384	.59	.8	176.	22.5
%RSD	17.46	5.887	1.953	.7094	.8741	3.093

#1	.1469	6.965	29.78	109.4	19940.	700.6
#2	.1840	6.301	30.22	110.7	20040.	741.9
#3	.2095	6.299	30.96	109.4	20280.	736.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2079.	195.2	105.0	14.07	143.5	1.104
Stddev	18.	1.1	3.8	.32	2.4	.587
%RSD	.8771	.5645	3.648	2.267	1.665	53.20

#1	2061.	194.3	106.4	13.79	145.0	.4497
#2	2080.	194.9	108.0	14.01	140.7	1.277
#3	2097.	196.4	100.7	14.42	144.6	1.586

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-67-b@4 Acquired: 5/23/2015 15:35:41 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.688	1.256	25.05	548.6	7.112	.8540
Stddev	2.443	2.349	.06	3.6	.502	.1381
%RSD	66.23	187.0	.2259	.6514	7.056	16.17
#1	1.508	.0764	25.00	544.7	6.773	.7421
#2	3.229	3.960	25.06	549.4	7.689	.8115
#3	6.328	-.2692	25.11	551.8	6.875	1.008

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.309	25.92	354.3	558.9
Stddev	.343	.13	.2	6.7
%RSD	6.455	.5049	.0445	1.193
#1	5.678	25.85	354.3	554.1
#2	5.001	26.07	354.5	566.5
#3	5.249	25.83	354.2	556.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3905.7	39814.	15872.
Stddev	10.1	156.	45.
%RSD	.25897	.39144	.28240
#1	3917.2	39790.	15855.
#2	3902.0	39981.	15923.
#3	3898.0	39672.	15839.

Sample Name: 460-94877-a-68-b@4 Acquired: 5/23/2015 15:39:26 Type: Unk

Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	29540.	12.97	-5591	2369.	1.012	9328.
Stddev	113.	.34	.5867	3.	.056	56.
%RSD	.3812	2.590	104.9	.1330	5.556	.6036

#1	29410.	13.29	.1006	2366.	.9837	9319.
#2	29600.	12.62	-1.022	2371.	.9755	9277.
#3	29620.	13.01	-.7553	2371.	1.077	9388.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4376	8.129	123.9	153.3	34840.	1051.
Stddev	.2696	.246	1.4	.4	126.	52.
%RSD	61.61	3.029	1.128	.2371	.3602	4.926

#1	.6354	7.895	122.5	153.5	34770.	1031.
#2	.5468	8.386	124.0	153.5	34770.	1110.
#3	.1305	8.107	125.3	152.9	34990.	1012.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3409.	282.7	135.1	25.10	804.4	1.540
Stddev	25.	.8	5.5	.52	2.6	1.049
%RSD	.7403	.2681	4.090	2.077	.3279	68.10

#1	3404.	282.3	139.8	25.68	801.4	1.586
#2	3387.	282.2	136.5	24.67	805.6	2.565
#3	3437.	283.6	129.0	24.95	806.3	.4691

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-68-b@4 Acquired: 5/23/2015 15:39:26 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.881	1.753	56.27	1206.	24.94	4.721
Stddev	2.107	4.022	.49	3.	.11	.301
%RSD	54.29	229.4	.8658	.2620	.4452	6.368
#1	5.405	6.196	55.88	1206.	24.88	4.375
#2	4.760	-1.638	56.10	1203.	24.87	4.924
#3	1.477	.7020	56.82	1210.	25.07	4.863

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	8.151	77.37	666.9	703.8
Stddev	.418	.24	1.1	5.6
%RSD	5.126	.3042	.1704	.8012
#1	8.102	77.13	665.7	698.6
#2	7.760	77.60	667.9	709.8
#3	8.591	77.40	667.3	703.0

Check ? Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3884.6	39494.	15772.
Stddev	9.4	278.	183.
%RSD	.24116	.70363	1.1609
#1	3876.3	39464.	15950.
#2	3894.8	39786.	15780.
#3	3882.9	39233.	15584.

Sample Name: 460-94877-a-69-b@4 Acquired: 5/23/2015 15:43:10 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	28960.	15.03	-1.355	1455.	1.731	14440.
Stddev	46.	3.33	.825	2.	.153	102.
%RSD	.1581	22.16	60.89	.1077	8.826	.7071

#1	28990.	16.55	-1.078	1454.	1.852	14380.
#2	28910.	11.21	-.7034	1457.	1.783	14380.
#3	28970.	17.32	-2.282	1455.	1.559	14560.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.048	22.33	111.4	151.7	57040.	2822.
Stddev	.078	.33	.6	1.0	281.	13.
%RSD	7.452	1.500	.5828	.6455	.4928	.4774

#1	1.040	22.25	110.9	151.2	56910.	2808.
#2	.9739	22.70	111.1	152.9	56850.	2823.
#3	1.129	22.04	112.1	151.2	57370.	2835.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11080.	983.7	252.5	57.59	879.4	-1.143
Stddev	47.	4.2	.4	.24	1.7	.479
%RSD	.4272	.4235	.1700	.4183	.1881	41.93

#1	11050.	981.4	252.4	57.31	877.5	-1.675
#2	11050.	981.1	252.1	57.71	879.8	-1.009
#3	11130.	988.5	253.0	57.75	880.7	-.7445

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-69-b@4 Acquired: 5/23/2015 15:43:10 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2196	.3112	86.42	1034.	12.72	2.583
Stddev	3.400	1.879	.90	4.	.48	.029
%RSD	1548.	603.8	1.043	.3929	3.772	1.142
#1	-4652	-1.757	85.66	1033.	12.16	2.564
#2	3.910	1.912	86.18	1031.	13.01	2.617
#3	-2.786	.7785	87.41	1039.	12.97	2.568

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	17.16	57.87	1064.	731.7
Stddev	.68	.43	2.	9.5
%RSD	3.962	.7474	.2058	1.296
#1	16.63	57.39	1063.	728.6
#2	17.93	58.01	1063.	724.1
#3	16.92	58.23	1067.	742.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3899.7	39650.	16119.
Stddev	9.2	237.	223.
%RSD	.23666	.59886	1.3858
#1	3890.7	39543.	15883.
#2	3909.2	39922.	16328.
#3	3899.2	39485.	16146.

Sample Name: 460-94909-d-1-a Acquired: 5/23/2015 15:58:10 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15.29	5.476	-.4327	483.2	.0392	82190.
Stddev	2.73	3.433	.4334	.5	.0413	231.
%RSD	17.83	62.69	100.2	.0932	105.4	.2808
#1	16.75	9.417	-.5552	483.7	.0862	81930.
#2	16.98	3.135	.0489	482.8	.0083	82280.
#3	12.15	3.876	-.7916	483.1	.0232	82370.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6776	2.596	-.5401	.0325	4.456	2198.
Stddev	.1503	.390	.2035	.1027	10.28	33.
%RSD	22.18	15.04	37.68	315.4	230.7	1.504
#1	.5327	2.242	-.4362	-.0650	3.317	2176.
#2	.8328	2.532	-.4096	.0230	-5.205	2236.
#3	.6674	3.015	-.7746	.1397	15.26	2181.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22900.	1311.	29290.	9.685	1.991	1.214
Stddev	30.	4.	43.	.505	1.483	1.277
%RSD	.1300	.2903	.1473	5.210	74.48	105.2
#1	22870.	1307.	29240.	10.17	.4014	-.2601
#2	22900.	1314.	29320.	9.166	2.234	1.947
#3	22930.	1313.	29310.	9.715	3.337	1.956

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94909-d-1-a Acquired: 5/23/2015 15:58:10 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.632	.8355	.1069	14.80	38.78	2.268
Stddev	1.023	1.823	.0602	.24	.73	.217
%RSD	18.16	218.2	56.32	1.601	1.873	9.550
#1	5.113	-.8076	.0664	14.65	39.48	2.146
#2	4.973	.5179	.1761	14.68	38.81	2.140
#3	6.810	2.796	.0783	15.07	38.03	2.518

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.427	205.3	3.380	4813.
Stddev	1.376	.7	.113	21.
%RSD	96.42	.3193	3.355	.4353
#1	1.251	205.6	3.504	4789.
#2	.1474	205.8	3.281	4823.
#3	2.882	204.6	3.354	4828.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3633.5	36393.	14652.
Stddev	7.7	43.	72.
%RSD	.21172	.11861	.49057
#1	3628.1	36357.	14700.
#2	3642.3	36441.	14688.
#3	3630.1	36381.	14570.

Sample Name: 460-94877-a-70-b@4 Acquired: 5/23/2015 15:46:52 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23330.	12.26	-1.027	7187.	1.075	12910.
Stddev	11.	.89	.711	4.	.107	21.
%RSD	.0452	7.287	69.24	.0552	9.946	.1655

#1	23350.	13.20	-.3578	7183.	.9524	12920.
#2	23330.	12.17	-1.774	7191.	1.147	12930.
#3	23330.	11.42	-.9498	7185.	1.127	12890.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8818	9.598	260.0	384.4	35600.	1191.
Stddev	.1437	.122	.2	.9	62.	36.
%RSD	16.30	1.271	.0912	.2297	.1735	3.057

#1	.7326	9.668	259.8	383.4	35630.	1218.
#2	1.019	9.669	259.8	385.1	35530.	1204.
#3	.8934	9.457	260.2	384.7	35640.	1149.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4879.	392.5	186.4	29.37	1496.	2.286
Stddev	24.	.2	8.6	.44	1.	1.931
%RSD	.5016	.0481	4.629	1.506	.0528	84.47

#1	4871.	392.4	183.3	28.86	1496.	.0699
#2	4907.	392.4	196.1	29.59	1497.	3.607
#3	4860.	392.7	179.7	29.66	1496.	3.182

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94877-a-70-b@4 Acquired: 5/23/2015 15:46:52 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3889	1.717	63.90	3395.	32.04	8.765
Stddev	2.423	1.970	.14	7.	.27	.339
%RSD	623.0	114.7	.2249	.2036	.8323	3.868
#1	-2.288	3.897	63.74	3390.	32.32	8.806
#2	2.340	.0626	64.00	3402.	31.79	8.407
#3	-1.219	1.193	63.96	3392.	32.00	9.082

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	16.72	138.4	664.1	761.6
Stddev	.64	.6	.8	15.7
%RSD	3.814	.4367	.1222	2.065
#1	17.06	139.0	664.9	776.9
#2	17.12	138.2	663.3	762.5
#3	15.99	137.9	664.1	745.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3869.9	39200.	15630.
Stddev	11.2	158.	35.
%RSD	.29064	.40298	.22338
#1	3858.7	39026.	15644.
#2	3869.9	39242.	15590.
#3	3881.2	39333.	15656.

Sample Name: lb 460-299855/1-h@5 Acquired: 5/23/2015 15:50:35 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.130	1.165	-.9277	.5348	-.0625	-7.501
Stddev	9.727	1.246	.9114	.3220	.1026	3.493
%RSD	136.4	106.9	98.24	60.21	164.2	46.57
#1	.7965	.6733	-.2951	.6995	-.1805	-10.16
#2	2.265	.2407	-1.972	.1638	.0059	-3.546
#3	18.33	2.582	-.5156	.7412	-.0129	-8.791

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2336	-.2797	.2720	9.321	6.530	59.16
Stddev	.2741	.1442	.3181	.113	10.81	16.87
%RSD	117.3	51.56	117.0	1.215	165.5	28.52
#1	.1510	-.1350	-.0349	9.192	6.425	75.56
#2	.5394	-.2808	.2506	9.400	-4.223	41.85
#3	.0103	-.4234	.6003	9.372	17.39	60.06

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.010	.1131	F 294100.	1.734	-.3435	2.185
Stddev	1.416	.0675	1772.	.490	1.072	.866
%RSD	140.2	59.66	.6025	28.27	311.9	39.62
#1	-.4965	.0944	293500.	1.442	-.7397	2.097
#2	2.314	.1880	292700.	2.300	-1.161	1.366
#3	1.213	.0570	296100.	1.460	.8697	3.091

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: lb 460-299855/1-h@5 Acquired: 5/23/2015 15:50:35 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.643	.3629	.0986	10.19	1.862	-.0069
Stddev	.780	.9544	.1614	.15	.218	.2566
%RSD	29.52	263.0	163.7	1.496	11.69	3702.
#1	3.369	1.354	-.0346	10.02	1.957	.1221
#2	1.818	-.5498	.0524	10.27	1.613	-.3025
#3	2.742	.2845	.2780	10.29	2.016	.1596

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.114	.0343	.0174	18.25
Stddev	.420	.0546	.1925	10.99
%RSD	37.69	159.2	1108.	60.23
#1	1.598	.0355	.2221	15.76
#2	.8563	.0882	-.1598	30.28
#3	.8871	-.0209	-.0102	8.720

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3679.8	36358.	15371.
Stddev	10.0	167.	165.
%RSD	.27061	.46000	1.0707
#1	3691.2	36276.	15186.
#2	3673.0	36248.	15428.
#3	3675.1	36551.	15500.

Sample Name: pds 460-95057-a-1-a Acquired: 5/23/2015 15:54:36 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2138.	2008.	55.58	2057.	51.77	21250.
Stddev	15.	6.	.07	2.	.14	52.
%RSD	.6881	.2858	.1255	.1214	.2772	.2463
#1	2124.	2007.	55.51	2056.	51.93	21190.
#2	2137.	2014.	55.65	2055.	51.65	21270.
#3	2153.	2002.	55.59	2060.	51.75	21290.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	53.35	528.8	212.6	257.9	1167.	18630.
Stddev	.35	2.1	.6	1.3	4.	90.
%RSD	.6569	.4004	.2663	.4989	.3298	.4824
#1	53.42	529.3	212.2	256.6	1164.	18730.
#2	52.97	526.4	212.3	257.8	1166.	18570.
#3	53.66	530.6	213.2	259.2	1171.	18580.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20940.	533.0	20180.	539.3	545.5	473.5
Stddev	58.	1.4	65.	2.8	1.2	.8
%RSD	.2770	.2681	.3214	.5214	.2108	.1605
#1	20870.	531.4	20240.	541.1	545.7	472.8
#2	20950.	533.3	20110.	536.0	544.2	474.3
#3	20990.	534.2	20180.	540.7	546.5	473.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-95057-a-1-a Acquired: 5/23/2015 15:54:36 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2119.	2323.	515.8	717.1	524.2	487.5
Stddev	3.	9.	3.3	3.0	1.0	.8
%RSD	.1352	.3885	.6332	.4195	.1847	.1713
#1	2116.	2332.	513.1	714.0	524.8	487.3
#2	2121.	2314.	514.8	717.4	523.1	486.9
#3	2121.	2323.	519.4	720.0	524.7	488.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	528.3	509.7	520.1	156.5
Stddev	1.6	.3	1.5	4.1
%RSD	.3120	.0515	.2941	2.593
#1	528.9	509.9	518.9	157.2
#2	529.6	509.4	519.7	160.2
#3	526.5	509.8	521.8	152.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3782.4	37852.	15253.
Stddev	31.1	378.	157.
%RSD	.82307	.99989	1.0284
#1	3814.4	38285.	15335.
#2	3780.6	37690.	15352.
#3	3752.2	37582.	15072.

Sample Name: 460-94844-c-20-a Acquired: 5/23/2015 16:01:58 Type: Unk

Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.735	.0737	-.0951	-.0140	.0582	29.96
Stddev	8.060	1.885	.4742	.2010	.0632	13.55
%RSD	104.2	2559.	498.8	1434.	108.6	45.22

#1	16.93	1.947	.3820	.1231	-.0055	45.55
#2	1.867	-1.822	-.5663	-.2447	.1208	21.08
#3	4.414	.0961	-.1009	.0796	.0592	23.25

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0550	-.1612	.6584	-.5386	1.586	-13.95
Stddev	.0326	.1545	.1477	.0733	14.18	31.55
%RSD	59.26	95.83	22.43	13.61	894.1	226.1

#1	.0306	.0113	.7630	-.4541	-11.76	-47.84
#2	.0423	-.2080	.7228	-.5847	.0477	14.58
#3	.0920	-.2868	.4894	-.5771	16.48	-8.597

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.414	.3750	20.59	.0131	-.7915	1.644
Stddev	3.551	.2876	12.51	.2449	1.738	1.273
%RSD	42.20	76.70	60.77	1877.	219.6	77.44

#1	12.41	.6886	20.98	-.2016	1.083	1.764
#2	7.187	.3130	32.90	-.0391	-1.108	.3151
#3	5.639	.1234	7.883	.2798	-2.350	2.853

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94844-c-20-a Acquired: 5/23/2015 16:01:58 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.014	.7477	.2017	1.058	4.361	.1510
Stddev	3.212	2.666	.4017	.117	.349	.5255
%RSD	80.01	356.6	199.2	11.04	8.009	347.9
#1	4.843	.7289	.2336	.9329	4.034	.7459
#2	.4693	3.423	-.2150	1.077	4.729	-.2500
#3	6.730	-1.909	.5865	1.164	4.319	-.0428

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.084	-.0364	-.1275	28.61
Stddev	.835	.1033	.0695	4.98
%RSD	77.02	283.7	54.50	17.42
#1	1.831	-.0576	-.1881	30.75
#2	1.238	-.1274	-.0516	22.91
#3	.1828	.0758	-.1428	32.16

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3817.1	38717.	14795.
Stddev	12.3	322.	195.
%RSD	.32164	.83132	1.3214
#1	3807.1	38534.	14658.
#2	3813.5	38529.	14707.
#3	3830.8	39089.	15019.

Sample Name: lcs 460-300369/2-a Acquired: 5/23/2015 16:05:50 Type: QC

Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1851.	1942.	F 60.17	1895.	47.84	18650.
Stddev	16.	7.	.34	3.	.24	38.
%RSD	.8579	.3522	.5734	.1538	.4997	.2054

#1	1860.	1935.	60.50	1894.	47.99	18660.
#2	1861.	1948.	60.19	1893.	47.96	18610.
#3	1833.	1944.	59.81	1899.	47.56	18680.

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
Value			50.00			
Range			20.00%			

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	51.85	484.7	196.6	232.2	1002.	F 15850.
Stddev	.18	1.4	.7	.6	8.	40.
%RSD	.3470	.2855	.3399	.2457	.8471	.2536

#1	51.65	483.1	197.1	231.6	1008.	15840.
#2	51.89	485.6	195.8	232.6	1005.	15900.
#3	52.00	485.4	196.8	232.4	992.0	15820.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value						20000.
Range						-20.00%

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18720.	485.2	18190.	493.8	522.2	459.6
Stddev	49.	.6	20.	1.5	3.1	4.0
%RSD	.2603	.1242	.1115	.2986	.5954	.8765

#1	18770.	485.7	18200.	493.1	521.8	456.6
#2	18670.	484.5	18210.	495.5	519.4	457.9
#3	18730.	485.3	18170.	492.9	525.5	464.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-300369/2-a Acquired: 5/23/2015 16:05:50 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1992.	2025.	497.3	490.5	509.3	472.1
Stddev	2.	2.	2.0	1.2	2.3	.8
%RSD	.1201	.1178	.4090	.2451	.4546	.1629

#1	1992.	2023.	496.0	489.4	507.3	471.2
#2	1989.	2025.	496.3	491.8	508.8	472.3
#3	1994.	2027.	499.7	490.4	511.9	472.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	509.7	466.3	488.2	57.20
Stddev	2.1	1.3	.9	10.71
%RSD	.4198	.2832	.1744	18.72

#1	507.4	465.0	487.4	66.51
#2	510.0	467.7	488.1	45.50
#3	511.6	466.1	489.1	59.59

Check ?	Chk Pass	Chk Pass	Chk Pass	None
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3749.9	37620.	15030.
Stddev	18.4	111.	75.
%RSD	.49160	.29599	.50199

#1	3770.7	37633.	14943.
#2	3743.2	37724.	15076.
#3	3735.7	37503.	15070.

Sample Name: CCV Acquired: 5/23/2015 16:09:27 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122900.	2471.	1219.	9993.	998.0	123600.
Stddev	180.	9.	6.	19.	1.9	198.
%RSD	.1467	.3834	.4966	.1872	.1913	.1605

#1	122900.	2476.	1226.	10010.	998.0	123800.
#2	123100.	2477.	1216.	9996.	999.9	123500.
#3	122700.	2460.	1215.	9973.	996.1	123400.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1240.	2479.	5000.	12290.	100400.	48800.
Stddev	5.	7.	13.	49.	189.	23.
%RSD	.4298	.2772	.2689	.3992	.1882	.0467

#1	1244.	2486.	5015.	12340.	100600.	48790.
#2	1242.	2479.	4993.	12270.	100500.	48830.
#3	1234.	2473.	4991.	12250.	100200.	48790.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123800.	5034.	123800.	2494.	7494.	985.5
Stddev	243.	7.	176.	1.	44.	5.3
%RSD	.1964	.1364	.1419	.0529	.5838	.5328

#1	124000.	5042.	123900.	2495.	7535.	990.7
#2	123800.	5033.	124000.	2493.	7499.	985.5
#3	123600.	5028.	123600.	2493.	7448.	980.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 5/23/2015 16:09:27 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2446.	2543.	2486.	2488.	989.4	2430.
Stddev	14.	15.	8.	13.	3.9	6.
%RSD	.5819	.5867	.3201	.5413	.3946	.2266

#1	2457.	2554.	2494.	2502.	989.4	2433.
#2	2451.	2550.	2484.	2487.	993.3	2434.
#3	2430.	2526.	2479.	2475.	985.5	2424.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	996.3	5021.	10100.	9512.
Stddev	5.9	38.	21.	51.
%RSD	.5942	.7579	.2064	.5371

#1	1002.	4982.	10130.	9567.
#2	997.1	5058.	10100.	9466.
#3	989.9	5024.	10090.	9503.

Check ?	Chk Pass	Chk Pass	Chk Pass	None
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3538.3	35259.	14638.
Stddev	27.8	142.	141.
%RSD	.78441	.40222	.96443

#1	3508.8	35104.	14612.
#2	3542.4	35290.	14512.
#3	3563.8	35382.	14790.

Sample Name: CCB Acquired: 5/23/2015 16:13:03 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19.29	.7347	-.4031	.6389	.1164	12.49
Stddev	10.29	1.699	.1917	.3329	.1673	14.84
%RSD	53.34	231.3	47.56	52.10	143.7	118.8

#1	30.96	1.340	-.1849	.9980	.3016	29.44
#2	11.52	2.049	-.4802	.5781	-.0238	6.185
#3	15.39	-1.184	-.5443	.3406	.0714	1.845

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1702	-.2175	.1042	.6634	14.56	19.28
Stddev	.1476	.4169	.7346	1.395	10.82	35.93
%RSD	86.71	191.7	704.8	210.2	74.30	186.4

#1	.3326	-.0319	.8583	2.272	26.81	-19.54
#2	.1338	.0744	.0635	-.0831	10.60	26.00
#3	.0442	-.6950	-.6091	-.1990	6.281	51.38

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.171	.4025	13.84	.3569	.0431	.5324
Stddev	13.28	.6210	15.50	.5120	1.428	.7776
%RSD	256.9	154.3	112.0	143.5	3315.	146.1

#1	19.59	1.120	31.12	.1475	.4084	-.3594
#2	2.494	.0500	1.139	.9405	-1.532	.8877
#3	-6.572	.0379	9.276	-.0172	1.253	1.069

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 5/23/2015 16:13:03 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1922	1.564	.1539	.1169	2.159	.0393
Stddev	1.323	1.170	.4484	.1735	.429	.2814
%RSD	688.0	74.83	291.4	148.4	19.87	716.3
#1	-1.130	1.283	.3605	.2516	2.594	.3635
#2	-.7670	.5599	.4618	-.0788	2.146	-.1029
#3	1.321	2.850	-.3606	.1779	1.736	-.1427

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.1801	.5578	.8684	3.079
Stddev	.3231	.6640	1.083	4.197
%RSD	179.4	119.0	124.7	136.3
#1	-.1299	1.323	2.117	-1.557
#2	.1553	.2219	.2972	6.619
#3	.5149	.1288	.1910	4.176

Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3801.1	38860.	14969.
Stddev	44.4	150.	352.
%RSD	1.1671	.38658	2.3531
#1	3750.9	39022.	15209.
#2	3817.0	38726.	14565.
#3	3835.2	38831.	15133.

Sample Name: CCVL Acquired: 5/23/2015 16:16:57 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	182.7	15.22	8.772	197.7	1.990	4777.
Stddev	11.2	1.59	.607	.2	.013	23.
%RSD	6.104	10.45	6.915	.1262	.6461	.4894

#1	176.7	15.05	8.234	198.0	2.004	4765.
#2	175.7	13.72	8.654	197.8	1.981	4804.
#3	195.5	16.89	9.430	197.5	1.984	4762.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.029	50.08	9.614	23.35	168.2	4509.
Stddev	.229	.19	.289	.11	1.9	33.
%RSD	5.683	.3763	3.002	.4732	1.143	.7236

#1	4.174	49.90	9.846	23.23	168.0	4472.
#2	4.148	50.28	9.291	23.35	170.2	4530.
#3	3.765	50.07	9.706	23.45	166.4	4526.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4846.	15.11	4616.	40.37	8.295	18.88
Stddev	14.	.12	44.	.64	2.403	.66
%RSD	.2897	.7645	.9640	1.574	28.97	3.472

#1	4841.	15.05	4565.	39.64	10.67	18.18
#2	4861.	15.25	4647.	40.68	8.342	19.47
#3	4834.	15.05	4635.	40.80	5.869	19.00

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCVL Acquired: 5/23/2015 16:16:57 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21.31	21.72	48.02	32.06	46.33	18.26
Stddev	1.55	1.26	.17	.35	.30	.33
%RSD	7.272	5.815	.3592	1.105	.6375	1.796
#1	22.37	20.32	48.10	31.68	46.13	18.20
#2	19.53	22.77	48.14	32.11	46.67	17.97
#3	22.04	22.07	47.82	32.39	46.19	18.62

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	49.90	19.17	20.24	F -2.980
Stddev	.48	.27	.09	15.11
%RSD	.9542	1.386	.4384	507.0
#1	49.42	18.88	20.32	8.876
#2	50.37	19.38	20.26	-19.99
#3	49.90	19.26	20.14	2.175

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				200.0
Range				-30.50%

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3797.5	38423.	15202.
Stddev	12.2	121.	153.
%RSD	.32041	.31477	1.0056
#1	3797.6	38359.	15299.
#2	3785.2	38348.	15025.
#3	3809.6	38562.	15280.

Sample Name: mb 460-300369/1-a Acquired: 5/23/2015 16:20:48 Type: QC

Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.110	-.2735	.0574	-.1449	.0991	10.48
Stddev	2.037	3.413	.6453	.2334	.0571	6.80
%RSD	65.48	1248.	1125.	161.1	57.63	64.88

#1	4.251	-1.748	.7092	-.4060	.1649	16.19
#2	.7591	-2.701	-.5811	.0435	.0690	2.957
#3	4.321	3.629	.0440	-.0722	.0633	12.29

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0907	-.1618	-.2328	-.2698	-1.265	7.250
Stddev	.2024	.0564	.2025	.2439	6.946	10.14
%RSD	223.2	34.88	86.97	90.39	548.9	139.8

#1	.1858	-.1118	-.0901	-.3950	-9.223	12.85
#2	.2281	-.1505	-.1438	-.4258	3.585	13.35
#3	-.1418	-.2230	-.4646	.0112	1.842	-4.450

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.345	.0219	-12.27	.4317	.3277	1.033
Stddev	3.643	.0763	2.38	.3360	1.433	1.761
%RSD	155.3	347.6	19.35	77.83	437.5	170.4

#1	-4.348	.0734	-14.09	.1534	.4057	1.923
#2	-4.547	-.0657	-13.13	.8050	-1.143	-.9950
#3	1.859	.0581	-9.585	.3368	1.721	2.172

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-300369/1-a Acquired: 5/23/2015 16:20:48 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3010	.6899	.1307	-.5856	.1471	-.1020
Stddev	1.020	.6027	.3550	.0389	.2025	.3561
%RSD	338.8	87.36	271.6	6.639	137.6	349.2
#1	-.6284	.2739	-.2775	-.5408	.0955	-.4239
#2	1.392	.4147	.3672	-.6102	-.0245	.2806
#3	.1396	1.381	.3024	-.6059	.3704	-.1626

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.3235	-.0398	-.0386	-.6381
Stddev	1.043	.0394	.0340	4.448
%RSD	322.2	99.12	88.24	697.1
#1	-.5449	-.0076	-.0059	2.951
#2	1.480	-.0837	-.0738	-5.615
#3	.0358	-.0280	-.0360	.7498

Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3798.5	38264.	14730.
Stddev	29.8	435.	292.
%RSD	.78434	1.1364	1.9804
#1	3764.3	38073.	14474.
#2	3812.2	37958.	14669.
#3	3818.9	38762.	15048.

Sample Name: 460-94876-f-4-b du Acquired: 5/23/2015 16:24:40 Type: Unk

Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122.9	.7102	-.3181	87.46	-.0111	54750.
Stddev	8.7	1.650	.2376	.87	.0414	628.
%RSD	7.105	232.2	74.71	.9993	374.7	1.147

#1	124.8	-1.104	-.1270	86.45	-.0566	54020.
#2	130.4	1.114	-.2430	87.92	-.0010	55130.
#3	113.3	2.120	-.5841	88.01	.0244	55090.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1409	1.411	-.4167	.9162	250.4	12310.
Stddev	.1171	.275	.3708	.2352	8.9	127.
%RSD	83.12	19.48	88.97	25.67	3.568	1.028

#1	.0258	1.253	-.1284	1.138	240.1	12170.
#2	.2599	1.252	-.2868	.9412	255.0	12370.
#3	.1371	1.728	-.8350	.6695	256.0	12400.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7466.	632.4	21710.	2.810	.2710	-1.823
Stddev	103.	6.8	215.	.990	.2112	2.040
%RSD	1.385	1.078	.9913	35.22	77.93	111.9

#1	7348.	624.6	21460.	1.845	.0418	-3.152
#2	7539.	636.8	21820.	2.763	.4578	-2.844
#3	7512.	635.9	21850.	3.823	.3134	.5254

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94876-f-4-b du Acquired: 5/23/2015 16:24:40 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.826	2.317	1.837	5.723	115.2	.1554
Stddev	3.322	1.036	.238	.048	.9	.1564
%RSD	117.6	44.73	12.93	.8382	.7646	100.7
#1	6.240	2.627	1.800	5.771	114.2	.3298
#2	-.3961	1.161	1.621	5.725	115.8	.0276
#3	2.633	3.162	2.091	5.675	115.6	.1088

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.4542	345.2	10.49	5857.
Stddev	.3928	3.8	.35	105.
%RSD	86.48	1.095	3.372	1.790
#1	.1022	340.8	10.13	5742.
#2	.3825	347.7	10.84	5947.
#3	.8780	347.0	10.50	5882.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3709.0	37471.	14980.
Stddev	29.0	215.	90.
%RSD	.78063	.57366	.60128
#1	3741.3	37717.	15021.
#2	3685.2	37382.	15043.
#3	3700.7	37315.	14877.

Sample Name: 460-94876-f-4-a Acquired: 5/23/2015 16:28:28 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	115.3	2.891	-5515	86.67	-0196	54650.
Stddev	2.9	1.872	.5056	.16	.0164	242.
%RSD	2.558	64.74	91.68	.1903	83.49	.4421
#1	112.1	1.419	-1.093	86.52	-.0380	54390.
#2	117.8	2.257	-.0925	86.85	-.0145	54680.
#3	116.0	4.998	-.4685	86.65	-.0064	54870.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2743	1.258	-.1467	.6356	254.7	12300.
Stddev	.0641	.206	.3322	.1275	8.0	45.
%RSD	23.35	16.35	226.4	20.06	3.133	.3639
#1	.2495	1.233	.0698	.7817	257.5	12250.
#2	.3471	1.066	-.5292	.5470	245.7	12330.
#3	.2264	1.475	.0192	.5781	260.9	12320.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7446.	629.8	21570.	2.713	-.8675	-1.012
Stddev	43.	2.2	18.	.295	.9981	1.777
%RSD	.5732	.3464	.0839	10.88	115.1	175.5
#1	7396.	627.4	21560.	2.866	-.4714	.5133
#2	7472.	630.4	21570.	2.373	-2.003	-2.963
#3	7468.	631.6	21590.	2.901	-.1283	-.5873

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94876-f-4-a Acquired: 5/23/2015 16:28:28 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.224	-.6850	2.091	2.229	113.7	.4142
Stddev	2.940	2.108	.273	.075	1.3	.0490
%RSD	91.18	307.7	13.06	3.379	1.166	11.83
#1	6.619	1.729	2.341	2.271	113.8	.4123
#2	1.515	-2.160	1.799	2.275	114.9	.4642
#3	1.539	-1.624	2.132	2.143	112.2	.3662

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
High Limit
Low Limit

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.1657	341.9	10.40	5808.
Stddev	1.412	.5	.20	23.
%RSD	852.0	.1482	1.952	.4018
#1	.2134	341.4	10.53	5782.
#2	1.553	342.0	10.50	5826.
#3	-1.270	342.4	10.16	5817.

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3684.4	37092.	14792.
Stddev	19.1	269.	109.
%RSD	.51827	.72528	.73534
#1	3694.4	37358.	14883.
#2	3696.5	37099.	14822.
#3	3662.4	36820.	14672.

Sample Name: sd 460-94876-f-4-a@5 Acquired: 5/23/2015 16:32:18 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31.79	1.561	-.2433	17.27	.0178	10890.
Stddev	14.18	2.223	.3410	.27	.0389	65.
%RSD	44.60	142.4	140.1	1.541	218.9	.5984
#1	15.44	-.7404	.1500	17.01	-.0264	10970.
#2	40.68	3.696	-.4235	17.25	.0469	10840.
#3	39.26	1.728	-.4565	17.54	.0329	10870.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1291	.2777	-.4643	-.0879	56.77	2445.
Stddev	.1416	.4244	.5290	.1340	4.93	13.
%RSD	109.7	152.8	113.9	152.4	8.683	.5194
#1	.2888	.1992	-.8272	-.2396	61.32	2430.
#2	.0796	-.1019	.1427	.0145	51.53	2449.
#3	.0188	.7358	-.7084	-.0386	57.47	2454.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1493.	128.5	4269.	.3311	-.1631	-.2759
Stddev	6.	.6	9.	.7956	.8727	.3825
%RSD	.3812	.4631	.2002	240.3	535.2	138.6
#1	1499.	129.2	4278.	.7818	.3901	-.0222
#2	1492.	128.1	4266.	.7991	.2898	-.7158
#3	1488.	128.2	4261.	-.5875	-1.169	-.0898

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-94876-f-4-a@5 Acquired: 5/23/2015 16:32:18 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.116	-.4451	.2726	.6825	22.87	-.0183
Stddev	1.992	.9734	.5991	.1052	.53	.3045
%RSD	63.91	218.7	219.7	15.41	2.327	1660.
#1	1.576	.3589	.8188	.7990	22.43	-.2651
#2	2.408	-.1669	-.3681	.6539	23.46	-.1118
#3	5.365	-1.527	.3672	.5946	22.72	.3219

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.3181	69.13	2.421	1129.
Stddev	1.108	.33	.033	17.
%RSD	348.3	.4701	1.363	1.478
#1	1.329	68.76	2.420	1113.
#2	.4905	69.38	2.389	1146.
#3	-.8658	69.24	2.455	1128.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3770.3	38151.	14942.
Stddev	51.3	501.	307.
%RSD	1.3607	1.3124	2.0533
#1	3712.6	37606.	14593.
#2	3787.9	38590.	15170.
#3	3810.6	38257.	15062.

Sample Name: 460-94876-f-4-c ms Acquired: 5/23/2015 16:36:07 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2226.	2089.	55.86	2223.	55.03	74320.
Stddev	18.	6.	1.03	11.	.22	384.
%RSD	.7951	.2914	1.850	.4743	.3976	.5162

#1	2206.	2082.	54.94	2211.	54.81	73890.
#2	2229.	2091.	55.65	2228.	55.02	74410.
#3	2241.	2093.	56.98	2230.	55.25	74640.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	54.21	543.8	219.1	262.4	1330.	31510.
Stddev	.11	4.4	2.1	.3	5.	161.
%RSD	.2099	.8026	.9514	.1295	.3927	.5095

#1	54.26	538.8	216.7	262.5	1324.	31320.
#2	54.08	546.1	220.0	262.0	1334.	31600.
#3	54.28	546.6	220.6	262.6	1333.	31600.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	28040.	1154.	42370.	551.0	552.5	494.0
Stddev	193.	6.	165.	5.0	4.3	1.4
%RSD	.6888	.5377	.3896	.9159	.7694	.2920

#1	27850.	1148.	42180.	545.3	550.0	492.6
#2	28030.	1157.	42430.	554.9	550.1	493.7
#3	28240.	1159.	42500.	552.7	557.4	495.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94876-f-4-c ms Acquired: 5/23/2015 16:36:07 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2082.	2300.	543.7	551.0	643.3	513.0
Stddev	9.	16.	4.1	2.3	5.3	2.1
%RSD	.4515	.6962	.7584	.4167	.8203	.4002
#1	2071.	2282.	539.0	548.4	637.3	510.7
#2	2089.	2311.	545.8	552.0	645.9	513.7
#3	2086.	2308.	546.4	552.7	646.8	514.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	541.8	872.7	552.8	5895.
Stddev	2.6	3.1	2.5	5.
%RSD	.4824	.3502	.4564	.0812
#1	539.0	869.2	550.2	5900.
#2	542.3	874.6	553.1	5890.
#3	544.2	874.3	555.2	5896.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3652.8	36749.	14861.
Stddev	6.6	126.	142.
%RSD	.18179	.34273	.95473
#1	3659.7	36883.	15022.
#2	3652.2	36729.	14754.
#3	3646.4	36633.	14806.

Sample Name: pds 460-94876-f-4-a Acquired: 5/23/2015 16:39:41 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2056.	1944.	53.68	2084.	51.20	73130.
Stddev	1.	8.	.21	4.	.13	375.
%RSD	.0273	.3912	.3859	.2089	.2484	.5125
#1	2057.	1944.	53.58	2089.	51.24	73200.
#2	2057.	1936.	53.54	2080.	51.06	72730.
#3	2056.	1951.	53.92	2083.	51.31	73470.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	51.03	510.5	206.7	245.7	1283.	30300.
Stddev	.29	1.1	.9	1.0	16.	42.
%RSD	.5586	.2173	.4301	.4252	1.260	.1387
#1	50.99	510.6	205.8	245.0	1283.	30350.
#2	50.77	509.4	206.7	245.1	1267.	30300.
#3	51.33	511.6	207.6	246.9	1299.	30270.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26780.	1120.	40990.	516.3	516.5	456.2
Stddev	89.	4.	51.	1.1	1.1	3.2
%RSD	.3316	.3468	.1239	.2217	.2104	.6994
#1	26820.	1121.	40950.	517.3	515.3	454.1
#2	26670.	1116.	41050.	515.1	516.6	454.6
#3	26840.	1124.	40970.	516.5	517.5	459.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-94876-f-4-a Acquired: 5/23/2015 16:39:41 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1946.	2160.	510.7	515.8	607.9	480.9
Stddev	2.	16.	2.4	1.7	2.8	2.1
%RSD	.1079	.7284	.4724	.3205	.4559	.4378
#1	1944.	2154.	509.1	514.7	609.0	481.2
#2	1944.	2148.	509.4	514.9	604.8	478.6
#3	1948.	2178.	513.4	517.7	610.0	482.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	508.8	835.8	519.6	5812.
Stddev	1.2	.8	1.8	18.
%RSD	.2378	.0923	.3489	.3152
#1	508.7	835.5	521.4	5830.
#2	507.6	836.7	517.8	5812.
#3	510.0	835.3	519.7	5794.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3649.2	36603.	14734.
Stddev	4.9	176.	109.
%RSD	.13559	.47992	.73945
#1	3651.0	36540.	14809.
#2	3653.0	36801.	14784.
#3	3643.6	36467.	14609.

Sample Name: 460-94852-i-5-a Acquired: 5/23/2015 16:43:16 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	378.8	1619.	-1.044	13.41	.1170	F 357800.
Stddev	10.3	10.	.313	.26	.0437	1470.
%RSD	2.710	.6105	29.97	1.934	37.33	.4108
#1	383.5	1621.	-1.374	13.66	.1198	357300.
#2	367.0	1608.	-1.008	13.15	.1592	359500.
#3	385.9	1628.	-.7508	13.43	.0720	356700.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2966	-1.064	5.189	.1377	90210.	13530.
Stddev	.1830	.227	.499	.0777	176.	39.
%RSD	61.70	21.33	9.610	56.43	.1945	.2861
#1	-.5078	-1.178	4.860	.0770	90060.	13510.
#2	-.1951	-1.211	4.944	.1109	90400.	13580.
#3	-.1869	-.8026	5.763	.2253	90160.	13520.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12910.	548.4	111000.	8.486	72.24	10.33
Stddev	49.	1.1	300.	.376	1.28	3.35
%RSD	.3773	.2089	.2703	4.435	1.770	32.40
#1	12920.	547.5	111000.	8.918	70.81	6.466
#2	12940.	549.7	110700.	8.313	72.62	12.27
#3	12850.	548.0	111300.	8.227	73.28	12.26
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94852-i-5-a Acquired: 5/23/2015 16:43:16 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.890	2.744	-9139	44.58	261.0	4.122
Stddev	4.930	3.458	.0111	.45	2.4	.813
%RSD	170.6	126.0	1.217	1.017	.9183	19.71
#1	2.442	4.720	-.9163	44.90	259.8	3.319
#2	-3.830	-1.248	-.9018	44.78	259.4	4.104
#3	-7.282	4.761	-.9237	44.06	263.8	4.944

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.305	497.4	5.401	F 24450.
Stddev	.814	2.3	.122	505.
%RSD	62.39	.4624	2.265	2.067
#1	1.759	498.5	5.520	25030.
#2	1.790	494.8	5.407	24160.
#3	.3649	499.0	5.276	24160.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit				20000.
Low Limit				-200.0

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3471.6	34838.	14489.
Stddev	24.1	276.	328.
%RSD	.69318	.79204	2.2623
#1	3457.5	34941.	14857.
#2	3458.0	34525.	14228.
#3	3499.4	35047.	14382.

Sample Name: 460-94876-f-1-a Acquired: 5/23/2015 16:47:03 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22250.	10.44	.0009	362.9	1.871	9246.
Stddev	128.	.92	.2129	1.5	.075	64.
%RSD	.5743	8.837	22450.	.4015	4.034	.6919
#1	22340.	11.40	.1847	363.8	1.922	9314.
#2	22100.	10.34	.0504	361.2	1.784	9188.
#3	22300.	9.567	-.2323	363.6	1.906	9236.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5594	28.20	60.67	94.34	94200.	6795.
Stddev	.1386	.27	.67	.82	878.	65.
%RSD	24.78	.9480	1.108	.8740	.9318	.9513
#1	.6061	28.50	60.04	95.23	94020.	6751.
#2	.6686	27.98	60.59	94.18	93430.	6764.
#3	.4034	28.11	61.38	93.60	95160.	6869.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7407.	2990.	158500.	52.50	32.63	-.6945
Stddev	67.	25.	665.	.91	.76	.5583
%RSD	.9081	.8316	.4194	1.732	2.331	80.39
#1	7402.	2988.	158800.	51.85	32.72	-.5521
#2	7343.	2967.	157700.	52.11	33.34	-1.310
#3	7477.	3016.	159000.	53.54	31.83	-.2211

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94876-f-1-a Acquired: 5/23/2015 16:47:03 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-6200	2.408	57.98	174.3	17.74	3.674
Stddev	4.681	1.762	.70	1.1	.43	.516
%RSD	755.0	73.17	1.215	.6509	2.398	14.05
#1	4.769	2.341	57.92	173.0	18.23	3.269
#2	-3.673	.6805	57.31	174.7	17.52	3.498
#3	-2.956	4.202	58.71	175.1	17.46	4.255

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	6.886	92.67	1448.	F 30030.
Stddev	.339	.53	7.	154.
%RSD	4.919	.5771	.4530	.5139
#1	6.702	93.24	1452.	29860.
#2	6.679	92.18	1440.	30140.
#3	7.277	92.59	1451.	30110.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit				20000.
Low Limit				-200.0

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3777.1	37864.	15530.
Stddev	19.9	622.	279.
%RSD	.52802	1.6432	1.7935
#1	3797.2	38130.	15618.
#2	3776.8	38309.	15753.
#3	3757.3	37153.	15218.

Sample Name: 460-94876-f-2-a Acquired: 5/23/2015 16:50:46 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23.90	6.212	.1655	36.57	.0184	22080.
Stddev	13.34	1.143	.5174	.32	.0963	22.
%RSD	55.84	18.41	312.6	.8823	522.3	.1011
#1	37.97	6.694	.1213	36.35	-.0785	22080.
#2	11.43	7.036	.7036	36.42	.1141	22100.
#3	22.28	4.907	-.3284	36.94	.0197	22050.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1891	2.499	-.0528	.6292	31660.	2497.
Stddev	.2588	.087	.4960	.1971	70.	23.
%RSD	136.9	3.501	939.9	31.33	.2225	.9125
#1	-.4195	2.582	.0969	.4267	31620.	2519.
#2	-.2386	2.407	-.6064	.6404	31740.	2473.
#3	.0909	2.507	.3512	.8204	31610.	2500.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3752.	2696.	62610.	1.918	-.0963	-2.186
Stddev	11.	5.	268.	.569	.1421	3.570
%RSD	.2862	.1843	.4278	29.66	147.5	163.3
#1	3739.	2691.	62300.	2.535	-.2138	-2.337
#2	3758.	2701.	62730.	1.416	-.1368	-5.679
#3	3757.	2696.	62800.	1.801	.0616	1.457

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94876-f-2-a Acquired: 5/23/2015 16:50:46 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.452	.9097	-.7723	.7416	39.04	1.358
Stddev	3.475	1.703	.2135	.1012	.36	.302
%RSD	141.7	187.2	27.64	13.65	.9133	22.26
#1	3.878	-.7388	-.9971	.6406	38.84	1.086
#2	-1.510	2.662	-.7476	.7411	39.45	1.305
#3	4.987	.8056	-.5723	.8430	38.83	1.684

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2358	78.33	1.776	6786.
Stddev	.1961	.63	.145	53.
%RSD	83.14	.8023	8.142	.7791
#1	.3659	77.61	1.801	6726.
#2	.0103	78.63	1.907	6824.
#3	.3313	78.76	1.621	6807.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3704.5	36991.	14655.
Stddev	24.6	171.	71.
%RSD	.66473	.46170	.48668
#1	3713.8	36797.	14594.
#2	3676.5	37057.	14638.
#3	3723.1	37118.	14733.

Sample Name: 460-94876-f-3-a Acquired: 5/23/2015 16:54:33 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15560.	7.427	-9686	149.9	1.078	25220.
Stddev	32.	1.731	.5466	.6	.034	100.
%RSD	.2083	23.30	56.43	.3808	3.137	.3972
#1	15600.	8.911	-.9815	149.2	1.043	25280.
#2	15560.	7.843	-1.509	150.4	1.083	25100.
#3	15530.	5.526	-.4156	150.0	1.110	25270.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8545	56.62	29.14	65.71	31860.	5458.
Stddev	.1229	.36	.42	.38	82.	28.
%RSD	14.38	.6388	1.440	.5763	.2586	.5069
#1	.7419	56.40	29.62	66.14	31950.	5469.
#2	.8360	56.43	28.95	65.51	31790.	5427.
#3	.9855	57.04	28.84	65.46	31840.	5479.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6647.	461.6	21480.	51.23	24.93	.0786
Stddev	16.	1.7	60.	.63	1.95	.9220
%RSD	.2460	.3719	.2793	1.235	7.805	1173.
#1	6656.	462.3	21520.	50.50	26.61	.9245
#2	6628.	459.6	21490.	51.55	22.80	-.9042
#3	6657.	462.7	21410.	51.64	25.39	.2155

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94876-f-3-a Acquired: 5/23/2015 16:54:33 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.089	-4.502	43.65	115.7	38.28	2.354
Stddev	4.778	1.441	.14	.8	.57	.196
%RSD	438.8	320.2	.3104	.7085	1.498	8.339
#1	2.375	.5054	43.81	115.0	37.67	2.137
#2	-4.200	-2.108	43.58	115.4	38.37	2.406
#3	5.092	.2521	43.57	116.6	38.81	2.518

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	14.05	94.14	760.3	F 21240.
Stddev	.37	.67	1.9	184.
%RSD	2.643	.7123	.2463	.8653
#1	14.48	94.91	762.2	21020.
#2	13.86	93.84	758.5	21340.
#3	13.81	93.67	760.3	21340.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit				20000.
Low Limit				-200.0

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3793.7	38436.	15520.
Stddev	17.3	243.	83.
%RSD	.45502	.63297	.53568
#1	3805.3	38329.	15455.
#2	3801.9	38715.	15614.
#3	3773.8	38264.	15491.

Sample Name: CCV Acquired: 5/23/2015 16:58:21 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123500.	2513.	1213.	10060.	1008.	123400.
Stddev	137.	5.	3.	14.	1.	302.
%RSD	.1109	.2140	.2675	.1417	.0573	.2444

#1	123700.	2519.	1209.	10040.	1008.	123800.
#2	123500.	2513.	1215.	10070.	1008.	123200.
#3	123400.	2508.	1215.	10060.	1007.	123300.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1255.	2506.	4973.	12240.	100200.	49330.
Stddev	2.	3.	9.	32.	260.	47.
%RSD	.1751	.1056	.1770	.2615	.2591	.0945

#1	1254.	2506.	4980.	12200.	100500.	49380.
#2	1258.	2509.	4963.	12240.	100100.	49330.
#3	1254.	2504.	4976.	12260.	100000.	49290.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124100.	5046.	124700.	2514.	7562.	995.4
Stddev	260.	7.	140.	5.	9.	6.8
%RSD	.2093	.1348	.1124	.1931	.1171	.6849

#1	124400.	5054.	124800.	2514.	7557.	988.5
#2	124000.	5040.	124700.	2519.	7572.	995.7
#3	123900.	5045.	124500.	2509.	7556.	1002.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 5/23/2015 16:58:21 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2496.	2552.	2486.	2507.	1002.	2445.
Stddev	1.	5.	3.	5.	4.	4.
%RSD	.0462	.1934	.1268	.2139	.4415	.1462

#1	2494.	2547.	2489.	2508.	997.1	2441.
#2	2496.	2554.	2485.	2513.	1003.	2447.
#3	2496.	2556.	2483.	2502.	1006.	2447.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1005.	5134.	10120.	9647.
Stddev	2.	42.	2.	68.
%RSD	.2048	.8245	.0151	.7048

#1	1002.	5183.	10120.	9610.
#2	1006.	5117.	10110.	9726.
#3	1005.	5103.	10120.	9606.

Check ?	Chk Pass	Chk Pass	Chk Pass	None
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3500.3	35189.	14609.
Stddev	13.6	229.	184.
%RSD	.38980	.65139	1.2584

#1	3487.3	34925.	14425.
#2	3499.3	35302.	14793.
#3	3514.5	35340.	14609.

Sample Name: CCB Acquired: 5/23/2015 17:01:58 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	24.87	-1.367	-.2449	.4029	.1383	14.36
Stddev	11.16	.865	.3609	.3094	.0600	1.70
%RSD	44.87	63.28	147.4	76.80	43.36	11.83

#1	37.02	-.3724	-.2684	.7580	.2069	16.17
#2	22.53	-1.944	-.5934	.1914	.0960	14.09
#3	15.07	-1.785	.1272	.2592	.1120	12.80

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2683	-.1331	.1005	.0777	10.39	-5.973
Stddev	.0994	.1172	.2889	.5802	8.96	33.13
%RSD	37.05	88.04	287.5	746.4	86.25	554.6

#1	.3666	-.2330	.3324	.7118	18.16	-32.29
#2	.2703	-.0041	.1921	-.0517	.5889	31.23
#3	.1678	-.1621	-.2231	-.4268	12.41	-16.86

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.099	.1801	14.88	.1610	-.0788	.3929
Stddev	11.20	.1882	14.44	.4427	2.965	.3594
%RSD	219.6	104.5	97.04	275.0	3763.	91.49

#1	15.33	.3784	30.82	-.2797	3.337	.8012
#2	6.833	.1579	11.16	.6057	-1.580	.1241
#3	-6.863	.0041	2.667	.1569	-1.993	.2533

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 5/23/2015 17:01:58 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	- .6909	2.083	.0462	- .0137	1.683	.3422
Stddev	2.103	2.728	.3002	.0868	.237	.2004
%RSD	304.4	131.0	649.4	631.5	14.07	58.55
#1	- .5096	5.004	- .3000	- .1046	1.941	.4523
#2	1.315	- .3993	.2038	.0682	1.630	.4634
#3	- 2.878	1.643	.2349	- .0048	1.477	.1110

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.8652	.2062	.5231	- 5.539
Stddev	.8401	.3039	.3533	9.856
%RSD	97.11	147.4	67.55	178.0
#1	1.480	.5571	.9311	- 12.01
#2	- .0922	.0326	.3214	5.805
#3	1.208	.0288	.3167	- 10.41

Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3757.9	38472.	14762.
Stddev	16.0	39.	143.
%RSD	.42452	.10096	.97103
#1	3739.5	38515.	14926.
#2	3768.4	38461.	14662.
#3	3765.7	38439.	14697.

Sample Name: CCVL Acquired: 5/23/2015 17:05:51 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	198.9	15.60	8.941	200.2	2.053	4801.
Stddev	10.9	2.40	.563	.6	.134	42.
%RSD	5.474	15.38	6.297	.3111	6.516	.8715

#1	207.7	15.86	8.341	200.3	2.048	4810.
#2	202.3	17.86	9.024	199.5	2.189	4756.
#3	186.7	13.09	9.457	200.7	1.922	4838.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.017	50.85	10.58	26.47	193.9	4591.
Stddev	.161	.18	1.40	4.46	42.0	13.
%RSD	4.001	.3566	13.23	16.85	21.68	.2781

#1	4.136	50.66	9.759	23.45	171.9	4585.
#2	3.834	50.88	9.789	24.36	167.4	4606.
#3	4.080	51.02	12.20	31.59	242.3	4583.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4843.	16.07	4694.	41.32	8.383	16.53
Stddev	39.	1.75	8.	.76	1.007	2.22
%RSD	.7992	10.90	.1737	1.830	12.01	13.45

#1	4852.	15.09	4685.	40.60	7.976	15.82
#2	4800.	15.03	4697.	42.11	9.530	19.03
#3	4876.	18.09	4700.	41.26	7.643	14.75

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCVL Acquired: 5/23/2015 17:05:51 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21.92	21.89	47.84	32.34	47.09	18.57
Stddev	1.88	1.72	1.26	.27	.38	.67
%RSD	8.560	7.845	2.642	.8487	.8152	3.586

#1	23.52	23.30	46.69	32.62	47.00	19.34
#2	22.38	22.40	47.63	32.34	46.76	18.11
#3	19.85	19.98	49.19	32.07	47.51	18.27

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	49.86	19.71	22.35	F -4.659
Stddev	1.89	.07	3.52	11.87
%RSD	3.786	.3690	15.76	254.8

#1	50.47	19.63	20.37	-3.386
#2	47.74	19.74	20.27	6.524
#3	51.36	19.77	26.42	-17.12

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				200.0
Range				-30.50%

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3753.2	38316.	14963.
Stddev	16.5	282.	103.
%RSD	.44037	.73651	.68580

#1	3735.7	38005.	14865.
#2	3755.3	38555.	15070.
#3	3768.6	38389.	14954.

Sample Name: 460-94876-f-5-a Acquired: 5/23/2015 17:09:42 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	321.5	2.535	-.2142	75.73	-.0147	64850.
Stddev	9.1	.667	.2796	.72	.1407	257.
%RSD	2.831	26.32	130.5	.9484	958.9	.3968

#1	325.2	2.426	-.4377	76.49	.0525	65020.
#2	328.1	3.249	.0993	75.64	.0799	64970.
#3	311.1	1.929	-.3043	75.06	-.1763	64550.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2311	1.836	.7870	3.291	1888.	11020.
Stddev	.1677	.172	.3994	.097	17.	47.
%RSD	72.56	9.378	50.75	2.931	.9047	.4253

#1	.2961	2.007	.3709	3.205	1908.	11050.
#2	.0406	1.839	1.167	3.274	1881.	11050.
#3	.3564	1.663	.8228	3.395	1876.	10970.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9717.	1592.	37710.	2.451	2.958	-.0858
Stddev	20.	5.	122.	.902	1.240	.2882
%RSD	.2084	.3284	.3246	36.82	41.92	335.8

#1	9706.	1597.	37840.	2.281	2.597	-.4171
#2	9740.	1593.	37710.	3.427	1.938	.1077
#3	9705.	1586.	37590.	1.646	4.338	.0520

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94876-f-5-a Acquired: 5/23/2015 17:09:42 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.782	-1.372	.6090	9.979	140.2	.2147
Stddev	3.232	1.362	.3569	.194	.6	.3544
%RSD	67.60	99.27	58.60	1.941	.4030	165.1
#1	8.502	-2.474	.9771	9.911	140.8	.3068
#2	3.183	-1.792	.5856	9.829	139.8	.5140
#3	2.661	.1507	.2644	10.20	139.9	-.1767

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.3874	608.8	20.37	7239.
Stddev	.9457	1.8	.16	63.
%RSD	244.1	.2903	.7858	.8701
#1	1.029	610.6	20.55	7280.
#2	.8325	608.7	20.29	7271.
#3	-.6987	607.1	20.26	7167.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3695.4	37336.	14991.
Stddev	36.1	161.	71.
%RSD	.97814	.43083	.47249
#1	3667.8	37171.	14909.
#2	3682.2	37345.	15023.
#3	3736.3	37492.	15039.

Sample Name: 460-94876-f-6-a Acquired: 5/23/2015 17:13:30 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	298.3	.6366	-.1760	95.08	.0544	71600.
Stddev	10.9	.7414	.2612	.62	.0576	268.
%RSD	3.655	116.5	148.4	.6497	105.8	.3740
#1	310.8	1.428	-.0760	94.91	.1129	71410.
#2	290.3	.5244	-.4724	95.76	.0525	71910.
#3	293.9	-.0422	.0205	94.56	-.0022	71500.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1436	4.044	1.576	3.650	1095.	10930.
Stddev	.1544	.310	.369	.086	7.	17.
%RSD	107.5	7.657	23.39	2.344	.6222	.1577
#1	.1359	4.078	1.151	3.594	1096.	10940.
#2	-.0069	4.336	1.812	3.607	1088.	10910.
#3	.3017	3.719	1.765	3.748	1102.	10940.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11410.	720.9	30380.	3.872	1.687	-2.262
Stddev	39.	1.4	103.	.480	1.384	1.263
%RSD	.3414	.1961	.3382	12.40	82.02	55.84
#1	11370.	719.7	30320.	3.661	3.021	-1.026
#2	11450.	722.5	30320.	3.534	.2577	-2.209
#3	11400.	720.6	30500.	4.422	1.784	-3.551

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94876-f-6-a Acquired: 5/23/2015 17:13:30 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.024	-.7965	1.322	11.18	156.8	.3479
Stddev	3.017	1.680	.418	.21	.9	.1416
%RSD	149.0	210.9	31.65	1.868	.5926	40.70
#1	.5651	.8791	1.690	11.13	157.4	.1878
#2	.0142	-2.480	.8668	11.40	155.7	.4567
#3	5.493	-.7886	1.409	10.99	157.3	.3992

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.505	579.3	20.08	7429.
Stddev	.577	1.4	.05	44.
%RSD	38.34	.2399	.2277	.5987
#1	2.162	579.9	20.03	7471.
#2	1.084	577.7	20.12	7433.
#3	1.267	580.2	20.09	7382.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3699.1	37580.	15091.
Stddev	10.3	195.	199.
%RSD	.27917	.51827	1.3157
#1	3702.9	37661.	15297.
#2	3687.4	37358.	15076.
#3	3706.9	37721.	14901.

Sample Name: 460-94876-f-7-a Acquired: 5/23/2015 17:17:19 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	371.2	1.959	-.1238	129.2	.0972	79040.
Stddev	8.9	1.163	.2315	.7	.0993	389.
%RSD	2.411	59.36	187.0	.5363	102.1	.4925
#1	380.7	.6285	.0626	129.6	.2118	78630.
#2	370.0	2.467	-.0511	128.4	.0430	79410.
#3	362.9	2.781	-.3830	129.5	.0368	79080.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3515	8.004	.7256	8.193	16570.	11130.
Stddev	.2545	.183	.5135	.269	71.	97.
%RSD	72.39	2.282	70.76	3.279	.4294	.8679
#1	.4694	7.994	.5398	8.270	16510.	11060.
#2	.5256	7.826	.3309	7.895	16650.	11100.
#3	.0595	8.191	1.306	8.415	16540.	11240.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14330.	1435.	36770.	4.502	1.045	-1.103
Stddev	24.	5.	128.	.679	2.368	4.333
%RSD	.1691	.3668	.3490	15.08	226.5	392.8
#1	14310.	1430.	36630.	5.067	1.011	3.840
#2	14360.	1441.	36880.	3.749	3.430	-2.907
#3	14330.	1433.	36800.	4.690	-1.305	-4.243

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94876-f-7-a Acquired: 5/23/2015 17:17:19 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2397	.3338	.5263	15.46	174.3	.1007
Stddev	4.121	2.502	.1922	.17	1.1	.0973
%RSD	1719.	749.6	36.52	1.121	.6574	96.58
#1	-3.949	.9547	.3512	15.47	173.2	.2007
#2	.3792	-2.421	.4959	15.29	174.4	.0951
#3	4.289	2.467	.7319	15.63	175.5	.0064

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.413	618.8	18.12	8538.
Stddev	.508	1.1	.07	49.
%RSD	35.94	.1849	.3705	.5710
#1	.8351	617.5	18.10	8547.
#2	1.615	619.3	18.07	8485.
#3	1.789	619.7	18.20	8581.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3692.3	37732.	15321.
Stddev	3.6	223.	169.
%RSD	.09812	.59041	1.1027
#1	3694.3	37885.	15453.
#2	3694.4	37477.	15130.
#3	3688.1	37835.	15379.

Sample Name: 460-94876-e-8-a Acquired: 5/23/2015 17:21:07 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	864.7	8.013	3.081	344.1	.0968	26370.
Stddev	8.7	2.295	.698	1.3	.0405	27.
%RSD	1.005	28.64	22.64	.3807	41.87	.1018

#1	874.2	7.751	2.294	344.9	.0514	26370.
#2	857.2	10.43	3.624	342.6	.1096	26340.
#3	862.6	5.860	3.324	344.8	.1294	26390.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8851	56.27	3.378	2.929	95550.	5273.
Stddev	.2205	.22	.471	.271	159.	35.
%RSD	24.92	.3986	13.96	9.248	.1661	.6649

#1	.7167	56.41	3.054	3.035	95670.	5254.
#2	.8038	56.38	3.162	3.131	95370.	5252.
#3	1.135	56.01	3.919	2.621	95620.	5314.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4514.	9617.	F 275500.	32.05	4.498	-2.738
Stddev	9.	9.	1946.	.66	.587	.237
%RSD	.1995	.0984	.7065	2.066	13.04	8.642

#1	4522.	9610.	273200.	31.78	4.695	-2.537
#2	4504.	9612.	276600.	31.57	4.961	-2.680
#3	4516.	9627.	276700.	32.81	3.839	-2.999

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-94876-e-8-a Acquired: 5/23/2015 17:21:07 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.880	3.133	.5589	12.46	19.74	1.759
Stddev	2.014	2.988	.3945	.18	.24	.140
%RSD	107.2	95.39	70.59	1.461	1.236	7.981
#1	3.588	1.240	.6049	12.35	19.46	1.766
#2	2.393	6.578	.1434	12.36	19.91	1.615
#3	-.3418	1.580	.9285	12.67	19.86	1.896

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.7297	180.6	20.81	7543.
Stddev	.8981	.2	.26	5.
%RSD	123.1	.0925	1.229	.0727
#1	.8792	180.6	21.06	7537.
#2	-.2338	180.7	20.55	7547.
#3	1.544	180.4	20.82	7545.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3632.0	36168.	15121.
Stddev	8.6	102.	52.
%RSD	.23770	.28095	.34641
#1	3622.6	36229.	15082.
#2	3639.5	36225.	15181.
#3	3634.0	36051.	15102.

Sample Name: 460-94977-d-1-b Acquired: 5/23/2015 17:25:02 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	51770.	3.788	-.5203	192.1	1.550	26690.
Stddev	131.	1.134	.2921	2.3	.112	157.
%RSD	.2530	29.92	56.15	1.207	7.216	.5865
#1	51620.	2.480	-.4222	190.9	1.678	26530.
#2	51810.	4.403	-.8488	190.6	1.472	26700.
#3	51870.	4.481	-.2898	194.7	1.500	26840.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1548	4.152	53.19	19.16	8909.	7772.
Stddev	.1138	.141	.71	.37	59.	46.
%RSD	73.47	3.396	1.340	1.912	.6625	.5881
#1	.1005	4.037	52.47	18.77	8849.	7723.
#2	.2856	4.109	53.90	19.49	8910.	7813.
#3	.0784	4.309	53.20	19.22	8967.	7780.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5147.	65.12	25900.	17.45	25.06	-1.009
Stddev	55.	.33	153.	.90	2.76	2.579
%RSD	1.067	.5007	.5906	5.162	11.03	255.5
#1	5091.	65.06	26070.	16.64	27.51	-.2247
#2	5147.	64.84	25780.	17.30	25.61	-3.890
#3	5201.	65.48	25840.	18.42	22.06	1.086

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94977-d-1-b Acquired: 5/23/2015 17:25:02 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8082	-.5071	63.55	56.00	22.51	.9793
Stddev	7.103	1.073	.52	.66	.37	.3344
%RSD	878.9	211.6	.8172	1.183	1.642	34.14
#1	9.010	.0963	62.98	55.46	22.94	.9061
#2	-3.203	-1.746	63.66	55.80	22.30	.6875
#3	-3.382	.1281	64.00	56.74	22.30	1.344

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.087	273.1	321.7	F 50040.
Stddev	1.055	.6	1.3	167.
%RSD	50.57	.2176	.3952	.3345
#1	1.702	273.2	321.4	50120.
#2	1.278	273.6	320.6	49850.
#3	3.281	272.4	323.1	50150.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit				20000.
Low Limit				-200.0

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3818.6	38555.	15513.
Stddev	24.5	333.	133.
%RSD	.64252	.86308	.85505
#1	3838.4	38857.	15653.
#2	3826.3	38610.	15498.
#3	3791.2	38198.	15389.

Sample Name: 460-95079-i-1-b Acquired: 5/23/2015 17:28:48 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	112000.	188.9	1.035	727.2	3.922	193500.
Stddev	287.	2.0	.953	1.1	.080	1058.
%RSD	.2561	1.032	92.10	.1509	2.029	.5470
#1	112300.	188.8	.2962	728.1	3.991	194300.
#2	112000.	190.9	.6977	727.5	3.835	193900.
#3	111700.	187.0	2.111	726.0	3.940	192300.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.827	121.3	104.4	532.7	F 226300.	13230.
Stddev	.374	.2	.5	1.7	978.	47.
%RSD	4.234	.1695	.5158	.3164	.4324	.3528
#1	8.471	121.3	103.9	530.9	227200.	13250.
#2	8.794	121.6	105.0	532.8	226300.	13270.
#3	9.217	121.1	104.4	534.3	225300.	13180.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	79300.	5917.	228300.	129.7	456.7	-4.569
Stddev	300.	23.	3218.	.4	4.5	.813
%RSD	.3787	.3858	1.410	.3007	.9943	17.80
#1	79550.	5936.	226700.	129.6	452.3	-4.584
#2	79390.	5924.	232000.	129.4	461.4	-3.748
#3	78970.	5891.	226100.	130.1	456.3	-5.375

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-95079-i-1-b Acquired: 5/23/2015 17:28:48 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.274	1.376	359.4	F 6343.	763.3	18.77
Stddev	5.444	2.308	.4	48.	2.6	.51
%RSD	239.3	167.8	.1039	.7566	.3436	2.702
#1	6.460	4.037	359.2	6395.	760.3	18.54
#2	4.243	.1659	359.8	6332.	764.6	18.42
#3	-3.880	-.0760	359.1	6301.	765.0	19.36

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5000.		
Low Limit				-50.00		

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	27.82	952.6	3362.	F 95910.
Stddev	1.06	1.7	8.	512.
%RSD	3.799	.1745	.2415	.5340
#1	27.32	954.5	3372.	96500.
#2	27.10	951.9	3360.	95560.
#3	29.03	951.3	3356.	95670.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit				20000.
Low Limit				-200.0

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3678.5	37043.	15892.
Stddev	16.0	225.	85.
%RSD	.43608	.60610	.53374
#1	3661.6	36899.	15864.
#2	3680.2	36928.	15825.
#3	3693.6	37302.	15987.

Sample Name: 460-95079-i-2-b Acquired: 5/23/2015 17:32:37 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	27270.	11.50	-.1277	477.7	1.894	162900.
Stddev	77.	2.91	.2288	.6	.048	756.
%RSD	.2820	25.32	179.2	.1250	2.528	.4639
#1	27210.	12.46	-.3535	478.0	1.914	162200.
#2	27240.	13.81	-.1336	477.0	1.840	162900.
#3	27350.	8.229	.1040	478.1	1.929	163700.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.351	38.80	67.88	134.0	47210.	10520.
Stddev	.019	.53	.47	.4	167.	52.
%RSD	1.408	1.367	.6904	.2729	.3545	.4932
#1	1.357	39.30	68.22	133.6	47060.	10460.
#2	1.329	38.84	67.34	134.2	47170.	10550.
#3	1.366	38.24	68.06	134.3	47390.	10550.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	32640.	2777.	F 309300.	169.7	142.2	-1.685
Stddev	148.	7.	5705.	.6	2.8	4.199
%RSD	.4545	.2497	1.844	.3365	2.004	249.1
#1	32490.	2771.	314500.	170.0	141.1	3.109
#2	32640.	2775.	303200.	169.1	140.1	-3.461
#3	32790.	2784.	310300.	170.1	145.5	-4.704

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-95079-i-2-b Acquired: 5/23/2015 17:32:37 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.562	.2518	90.03	336.6	308.9	7.549
Stddev	2.313	1.490	.15	2.0	1.0	.374
%RSD	90.30	591.6	.1641	.5800	.3212	4.958
#1	.0191	1.770	89.86	334.4	308.9	7.839
#2	4.542	-1.207	90.11	337.3	308.0	7.681
#3	3.124	.1927	90.12	338.1	310.0	7.127

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	9.303	767.6	644.8	F 40360.
Stddev	.139	1.8	1.6	459.
%RSD	1.496	.2401	.2436	1.136
#1	9.230	768.3	644.7	40770.
#2	9.215	769.0	643.3	40450.
#3	9.463	765.5	646.4	39860.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit				20000.
Low Limit				-200.0

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3668.9	37016.	15745.
Stddev	13.7	261.	282.
%RSD	.37298	.70546	1.7901
#1	3678.5	37234.	15978.
#2	3674.9	37089.	15825.
#3	3653.2	36727.	15432.

Sample Name: 460-95089-i-1-b Acquired: 5/23/2015 17:36:27 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4905.	9.486	-5458	1565.	.3516	87540.
Stddev	21.	.759	.2819	4.	.1173	334.
%RSD	.4354	7.997	51.65	.2331	33.38	.3811

#1	4885.	10.36	-.7517	1565.	.2694	87160.
#2	4902.	9.129	-.6613	1568.	.2994	87650.
#3	4928.	8.972	-.2245	1561.	.4859	87800.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8086	10.15	14.93	74.56	24060.	27510.
Stddev	.0877	.13	.28	.80	128.	74.
%RSD	10.84	1.257	1.865	1.077	.5328	.2673

#1	.9032	10.09	14.94	73.72	23920.	27420.
#2	.7301	10.06	14.65	74.63	24110.	27560.
#3	.7924	10.29	15.21	75.32	24160.	27540.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9635.	864.5	F 801000.	17.51	258.0	-.5703
Stddev	67.	2.7	16070.	.28	2.5	1.026
%RSD	.6989	.3087	2.006	1.625	.9587	179.9

#1	9558.	861.6	819500.	17.24	255.2	-1.625
#2	9665.	865.0	793600.	17.48	260.0	.4247
#3	9682.	866.8	790000.	17.81	258.8	-.5104

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-95089-i-1-b Acquired: 5/23/2015 17:36:27 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.048	.4027	13.82	159.1	96.01	2.622
Stddev	3.334	1.563	.14	.7	.61	.223
%RSD	162.8	388.0	1.022	.4181	.6355	8.514
#1	5.863	-.6180	13.95	158.4	95.32	2.374
#2	.5864	-.3755	13.67	159.1	96.48	2.683
#3	-.3066	2.201	13.83	159.7	96.22	2.808

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	9.424	1395.	190.2	11400.
Stddev	.176	2.	1.3	66.
%RSD	1.869	.1724	.6953	.5774
#1	9.344	1392.	188.8	11330.
#2	9.626	1396.	190.5	11460.
#3	9.302	1397.	191.4	11410.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3415.1	33906.	14839.
Stddev	6.6	25.	120.
%RSD	.19201	.07404	.80594
#1	3419.4	33935.	14864.
#2	3418.5	33891.	14945.
#3	3407.6	33891.	14709.

Sample Name: 460-95086-e-1-b Acquired: 5/23/2015 17:40:19 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	544.2	2.705	5.215	184.9	.0309	F 281300.
Stddev	13.9	.758	.384	.6	.1640	909.
%RSD	2.545	28.03	7.368	.3091	529.8	.3230
#1	553.2	1.868	5.383	185.0	-.0576	281300.
#2	551.1	2.902	5.487	185.4	-.0697	282200.
#3	528.2	3.346	4.776	184.2	.2201	280400.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5166	8.447	1.162	5.331	10820.	9423.
Stddev	.0305	.174	.327	.238	52.	40.
%RSD	5.910	2.060	28.13	4.458	.4793	.4267
#1	.5019	8.622	.7937	5.561	10800.	9377.
#2	.4962	8.445	1.418	5.346	10880.	9448.
#3	.5517	8.274	1.275	5.086	10790.	9445.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	89860.	F 16680.	F 872700.	15.09	3.810	-6.787
Stddev	316.	56.	18560.	.40	2.892	2.057
%RSD	.3516	.3356	2.127	2.660	75.92	30.32
#1	89860.	16690.	887800.	15.40	2.118	-8.236
#2	90180.	16730.	852000.	14.64	2.162	-4.432
#3	89550.	16620.	878300.	15.23	7.149	-7.692
Check ?	Chk Pass	Chk Fail	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit		10000.	250000.			
Low Limit		-15.00	-5000.			

Sample Name: 460-95086-e-1-b Acquired: 5/23/2015 17:40:19 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.349	-2.623	.9412	12.03	246.1	5.352
Stddev	5.791	.799	.4048	.12	1.0	.280
%RSD	108.3	30.47	43.01	.9595	.4191	5.232
#1	6.138	-2.975	.7090	12.11	246.1	5.184
#2	10.71	-1.708	1.409	12.08	245.1	5.198
#3	-.7954	-3.185	.7059	11.90	247.2	5.676

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.132	1318.	18.86	12150.
Stddev	1.530	5.	.13	110.
%RSD	71.74	.3417	.7001	.9063
#1	.3827	1322.	18.95	12150.
#2	3.217	1319.	18.71	12270.
#3	2.797	1313.	18.93	12050.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3318.3	32733.	14280.
Stddev	17.8	131.	101.
%RSD	.53514	.40102	.70528
#1	3299.2	32683.	14233.
#2	3321.2	32634.	14396.
#3	3334.4	32882.	14211.

Sample Name: 460-95086-e-2-b Acquired: 5/23/2015 17:44:23 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	153000.	29.27	1.268	1635.	10.88	109000.
Stddev	208.	.98	.821	3.	.01	459.
%RSD	.1362	3.333	64.76	.1912	.1255	.4209

#1	153200.	28.96	1.958	1632.	10.87	109400.
#2	152800.	30.36	.3595	1636.	10.88	109200.
#3	153000.	28.49	1.488	1638.	10.90	108500.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.396	112.7	249.0	226.0	144500.	57450.
Stddev	.165	.5	1.1	1.4	399.	44.
%RSD	11.82	.4860	.4609	.6130	.2759	.0763

#1	1.375	112.1	249.3	224.8	144900.	57420.
#2	1.243	113.2	250.1	225.6	144600.	57430.
#3	1.571	112.6	247.8	227.5	144100.	57500.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	107100.	7438.	F 285600.	281.5	118.2	-6.566
Stddev	332.	19.	2096.	1.7	2.0	1.824
%RSD	.3102	.2607	.7338	.6157	1.668	27.78

#1	107300.	7449.	287600.	279.7	118.1	-4.485
#2	107200.	7449.	283400.	283.2	120.2	-7.886
#3	106700.	7415.	285900.	281.5	116.2	-7.328

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-95086-e-2-b Acquired: 5/23/2015 17:44:23 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.831	-2.073	229.8	607.5	346.8	9.120
Stddev	.486	1.246	1.1	.8	1.7	.297
%RSD	26.55	60.13	.4660	.1247	.4813	3.261
#1	-2.299	-3.004	231.0	607.1	344.9	8.785
#2	-1.864	-.6570	229.5	608.4	348.0	9.352
#3	-1.329	-2.557	228.9	607.1	347.6	9.225

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.019	560.4	2173.	F 137300.
Stddev	.516	.4	3.	1679.
%RSD	10.28	.0789	.1219	1.223
#1	4.908	559.9	2175.	135400.
#2	4.568	560.8	2175.	138300.
#3	5.581	560.5	2170.	138300.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit				20000.
Low Limit				-200.0

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3837.0	38369.	16284.
Stddev	4.8	94.	92.
%RSD	.12401	.24404	.56505
#1	3841.9	38267.	16183.
#2	3832.4	38390.	16363.
#3	3836.8	38451.	16305.

Sample Name: CCV Acquired: 5/23/2015 17:48:14 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	120300.	2439.	1181.	9755.	981.3	119700.
Stddev	658.	6.	4.	3.	5.1	1059.
%RSD	.5470	.2611	.3196	.0268	.5224	.8845

#1	121100.	2438.	1183.	9757.	987.2	120600.
#2	120200.	2433.	1183.	9752.	977.8	120000.
#3	119800.	2445.	1177.	9755.	978.9	118600.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1219.	2432.	4833.	11930.	97200.	48100.
Stddev	1.	2.	33.	64.	708.	178.
%RSD	.0703	.1004	.6841	.5375	.7287	.3709

#1	1218.	2429.	4862.	11850.	97840.	48300.
#2	1218.	2432.	4839.	11960.	97330.	47970.
#3	1220.	2434.	4797.	11970.	96440.	48020.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	120300.	4895.	120900.	2437.	7336.	969.1
Stddev	739.	26.	340.	4.	27.	6.6
%RSD	.6145	.5285	.2812	.1472	.3681	.6768

#1	121000.	4918.	121300.	2436.	7366.	967.6
#2	120400.	4901.	120800.	2434.	7328.	976.3
#3	119500.	4867.	120700.	2441.	7313.	963.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 5/23/2015 17:48:14 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2412.	2479.	2418.	2430.	975.2	2375.
Stddev	22.	10.	11.	10.	7.5	3.
%RSD	.9035	.3970	.4379	.4260	.7715	.1258

#1	2390.	2476.	2427.	2442.	966.8	2375.
#2	2411.	2471.	2421.	2427.	977.4	2372.
#3	2434.	2490.	2406.	2421.	981.4	2378.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	978.9	4932.	9821.	9565.
Stddev	4.9	25.	15.	75.
%RSD	.4961	.4981	.1549	.7870

#1	974.7	4909.	9834.	9494.
#2	977.7	4929.	9824.	9557.
#3	984.2	4958.	9804.	9644.

Check ?	Chk Pass	Chk Pass	Chk Pass	None
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3587.6	36034.	15032.
Stddev	30.9	654.	432.
%RSD	.86078	1.8160	2.8720

#1	3556.6	35476.	14582.
#2	3588.0	35870.	15071.
#3	3618.3	36754.	15442.

Sample Name: CCB Acquired: 5/23/2015 17:51:52 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.286	.8036	-.5808	.3318	.0157	12.72
Stddev	8.738	1.289	.2522	.1574	.0364	6.45
%RSD	139.0	160.4	43.43	47.44	231.6	50.67
#1	15.58	.9025	-.2935	.4235	.0347	18.99
#2	-1.768	-.5323	-.6826	.4219	-.0262	13.06
#3	5.049	2.041	-.7662	.1500	.0387	6.114

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1955	-.1465	-.0244	.3390	3.868	-7.872
Stddev	.1601	.2121	.3711	.7648	7.125	13.23
%RSD	81.90	144.8	1519.	225.6	184.2	168.1
#1	.0520	-.1745	.3932	1.209	9.365	-20.34
#2	.3683	.0783	-.3164	-.2273	-4.182	6.012
#3	.1663	-.3431	-.1501	.0352	6.422	-9.293

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.248	.7357	76.96	.5943	-1.688	.2761
Stddev	8.967	.1953	18.19	.4984	.580	1.257
%RSD	211.1	26.55	23.63	83.87	34.35	455.3
#1	12.84	.9557	97.53	.2434	-2.349	1.157
#2	4.949	.6686	70.34	.3745	-1.444	.8351
#3	-5.049	.5828	63.01	1.165	-1.270	-1.164

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 5/23/2015 17:51:52 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4451	1.550	.0258	-.0580	1.940	.2201
Stddev	3.739	1.328	.4085	.1422	.708	.3454
%RSD	840.1	85.71	1580.	245.0	36.48	156.9
#1	4.639	3.006	.3390	-.1971	2.521	-.0030
#2	-.7648	.4050	.1747	.0871	2.147	.0453
#3	-2.539	1.238	-.4361	-.0641	1.152	.6180

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.3425	.1826	.4883	20.05
Stddev	.5780	.1565	.3659	25.17
%RSD	168.7	85.74	74.94	125.5
#1	1.008	.3540	.9088	38.47
#2	.0472	.0472	.2428	30.32
#3	-.0281	.1466	.3133	-8.630

Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3850.3	39449.	15183.
Stddev	38.6	634.	373.
%RSD	1.0026	1.6068	2.4583
#1	3893.9	40180.	15607.
#2	3836.9	39113.	15038.
#3	3820.2	39054.	14904.

Sample Name: CCVL Acquired: 5/23/2015 17:55:45 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	197.6	14.18	9.394	201.5	1.910	4890.
Stddev	2.7	1.53	.420	1.1	.078	20.
%RSD	1.355	10.78	4.469	.5640	4.066	.3992

#1	195.2	12.42	9.547	200.6	1.960	4867.
#2	200.5	15.09	8.920	201.2	1.949	4904.
#3	197.0	15.04	9.717	202.8	1.820	4898.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.092	51.16	9.750	23.77	181.6	4647.
Stddev	.138	.25	.562	.50	4.0	56.
%RSD	3.367	.4975	5.765	2.106	2.176	1.210

#1	3.939	50.93	9.135	23.54	180.6	4583.
#2	4.131	51.12	10.24	23.43	185.9	4674.
#3	4.206	51.43	9.877	24.34	178.2	4686.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4919.	15.49	4788.	41.91	9.885	19.46
Stddev	33.	.02	25.	.64	1.742	2.28
%RSD	.6651	.1316	.5287	1.538	17.62	11.73

#1	4886.	15.48	4764.	42.62	8.143	17.30
#2	4951.	15.51	4786.	41.37	11.63	19.24
#3	4922.	15.47	4814.	41.73	9.885	21.84

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCVL Acquired: 5/23/2015 17:55:45 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18.83	25.17	48.46	34.48	47.46	19.03
Stddev	1.42	.86	.91	.14	.19	.15
%RSD	7.541	3.406	1.874	.4093	.4071	.8041

#1	20.18	26.02	47.43	34.64	47.23	19.20
#2	17.35	24.31	49.17	34.43	47.58	18.99
#3	18.95	25.18	48.76	34.37	47.56	18.90

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	50.77	19.93	21.07	F 11.73
Stddev	.59	.17	.11	10.42
%RSD	1.155	.8292	.5430	88.84

#1	50.12	19.79	21.00	7.259
#2	50.95	19.89	21.01	4.289
#3	51.25	20.11	21.20	23.63

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				200.0
Range				-30.50%

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3793.0	38479.	14982.
Stddev	19.9	392.	113.
%RSD	.52527	1.0196	.75459

#1	3787.1	38482.	14954.
#2	3776.6	38085.	14886.
#3	3815.1	38869.	15107.

Sample Name: 460-95086-e-3-b Acquired: 5/23/2015 17:59:35 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19490.	7.626	2.643	356.9	1.222	66470.
Stddev	111.	2.755	.857	1.7	.110	892.
%RSD	.5705	36.12	32.43	.4716	9.033	1.342

#1	19390.	6.810	1.750	355.0	1.102	65460.
#2	19480.	10.70	3.459	357.8	1.320	66780.
#3	19610.	5.371	2.719	358.0	1.245	67170.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5289	32.23	25.95	39.60	31830.	10160.
Stddev	.0541	.36	.69	.25	295.	32.
%RSD	10.22	1.117	2.675	.6360	.9269	.3121

#1	.5230	31.86	25.75	39.63	31500.	10130.
#2	.5856	32.27	25.38	39.33	31910.	10190.
#3	.4780	32.58	26.72	39.83	32070.	10160.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18730.	8990.	F 372500.	58.32	16.30	-4.050
Stddev	205.	91.	3542.	.69	1.95	2.739
%RSD	1.094	1.008	.9508	1.179	11.95	67.63

#1	18510.	8889.	368400.	57.81	14.14	-6.529
#2	18790.	9018.	374100.	58.06	17.93	-1.110
#3	18900.	9064.	375000.	59.11	16.82	-4.511

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-95086-e-3-b Acquired: 5/23/2015 17:59:35 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.687	-.9338	30.25	101.5	95.63	5.330
Stddev	.602	2.098	.59	1.2	.43	.170
%RSD	22.40	224.7	1.967	1.158	.4530	3.196
#1	3.328	-1.813	29.88	100.2	96.04	5.493
#2	2.134	-2.449	29.94	101.9	95.18	5.344
#3	2.601	1.461	30.94	102.4	95.68	5.153

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	3.580	405.3	479.7	F 34930.
Stddev	.798	1.4	2.5	167.
%RSD	22.30	.3428	.5241	.4777
#1	2.942	403.7	476.8	35040.
#2	4.475	406.1	481.1	35010.
#3	3.322	406.1	481.1	34740.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit				20000.
Low Limit				-200.0

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3625.9	36229.	15269.
Stddev	29.7	616.	342.
%RSD	.81819	1.7010	2.2386
#1	3659.4	36901.	15637.
#2	3615.5	36097.	15209.
#3	3602.9	35690.	14961.

Sample Name: 460-95086-e-4-b Acquired: 5/23/2015 18:03:28 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12160.	5.669	3.227	609.7	.8583	84590.
Stddev	44.	3.893	.758	.8	.0048	505.
%RSD	.3589	68.67	23.50	.1360	.5614	.5973

#1	12210.	1.184	2.814	608.8	.8598	84760.
#2	12150.	8.167	4.102	610.5	.8529	85000.
#3	12130.	7.657	2.764	609.8	.8622	84030.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7866	16.64	15.32	45.83	19180.	15200.
Stddev	.1082	.19	.45	1.12	62.	62.
%RSD	13.76	1.156	2.946	2.446	.3213	.4074

#1	.7497	16.82	15.32	44.74	19180.	15170.
#2	.7018	16.66	14.87	45.78	19240.	15160.
#3	.9085	16.44	15.77	46.98	19110.	15270.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20920.	F 10190.	184100.	29.59	19.66	-1.865
Stddev	70.	60.	119.	.59	.71	1.055
%RSD	.3351	.5891	.0647	1.998	3.627	56.56

#1	20950.	10170.	184200.	28.92	18.84	-3.053
#2	20970.	10260.	184000.	30.05	20.02	-1.505
#3	20840.	10150.	184100.	29.81	20.12	-1.037

Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		10000.				
Low Limit		-15.00				

Sample Name: 460-95086-e-4-b Acquired: 5/23/2015 18:03:28 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.896	-0.8547	24.66	63.84	112.1	6.026
Stddev	1.894	.7536	.19	.38	.7	.203
%RSD	65.41	88.17	.7881	.6018	.6207	3.374
#1	4.530	-1.351	24.84	63.70	111.3	5.946
#2	3.338	-1.226	24.46	64.27	112.4	5.875
#3	.8197	.0125	24.67	63.54	112.5	6.257

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.380	366.2	296.3	F 28230.
Stddev	.355	1.5	.7	818.
%RSD	14.92	.4099	.2297	2.899
#1	2.472	364.5	296.9	27300.
#2	2.680	367.3	295.5	28860.
#3	1.988	366.9	296.4	28520.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit				20000.
Low Limit				-200.0

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3635.3	36381.	14885.
Stddev	11.4	333.	452.
%RSD	.31383	.91441	3.0381
#1	3642.0	36108.	14369.
#2	3622.1	36284.	15214.
#3	3641.7	36752.	15071.

Sample Name: 460-95086-e-5-b Acquired: 5/23/2015 18:07:22 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1066.	2.519	-5002	61.10	-.0010	97390.
Stddev	17.	1.469	.8067	.08	.1071	440.
%RSD	1.551	58.31	161.3	.1313	10280.	.4513
#1	1083.	1.799	.2813	61.01	.0419	96940.
#2	1066.	1.549	-1.330	61.16	.0779	97430.
#3	1050.	4.208	-.4518	61.14	-.1229	97810.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2161	.3182	.4684	4.938	1010.	1615.
Stddev	.0249	.3178	.4762	.218	2.	53.
%RSD	11.50	99.87	101.7	4.412	.2186	3.254
#1	.2205	.4079	.3271	4.795	1007.	1672.
#2	.2384	-.0348	.0787	4.831	1012.	1604.
#3	.1893	.5815	.9992	5.189	1010.	1569.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13760.	63.32	27380.	2.062	3.610	-1.397
Stddev	33.	1.82	78.	.215	2.594	2.202
%RSD	.2382	2.877	.2853	10.45	71.84	157.7
#1	13720.	63.46	27310.	2.136	.9242	-2.226
#2	13780.	65.06	27470.	2.231	3.806	1.100
#3	13770.	61.43	27370.	1.820	6.100	-3.064

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-95086-e-5-b Acquired: 5/23/2015 18:07:22 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.094	1.636	3.278	10.12	65.89	.6824
Stddev	2.968	2.263	.099	.09	.80	.3429
%RSD	271.3	138.3	3.013	.8929	1.207	50.26
#1	1.201	1.784	3.389	10.05	65.66	1.078
#2	-.0376	-.6963	3.245	10.23	65.23	.4923
#3	-4.445	3.822	3.200	10.09	66.77	.4766

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.032	133.9	31.49	11760.
Stddev	.563	.4	.13	25.
%RSD	27.73	.3206	.4267	.2144
#1	1.424	134.0	31.64	11790.
#2	2.537	134.2	31.45	11750.
#3	2.133	133.4	31.39	11740.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3633.4	36766.	14855.
Stddev	5.0	197.	79.
%RSD	.13891	.53469	.52930
#1	3632.6	36983.	14945.
#2	3638.8	36714.	14805.
#3	3628.8	36601.	14814.

Sample Name: 460-94584-e-36-c@10 Acquired: 5/23/2015 18:11:10 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15720.	7.351	-8364	188.4	.9516	148400.
Stddev	90.	2.731	.3464	1.3	.0337	1198.
%RSD	.5697	37.16	41.41	.6646	3.544	.8072
#1	15800.	4.432	-.9264	188.5	.9248	149200.
#2	15740.	7.776	-.4539	187.1	.9405	149000.
#3	15630.	9.845	-1.129	189.6	.9894	147000.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.278	10.08	160.2	197.9	25800.	1554.
Stddev	.154	.16	1.2	1.1	244.	19.
%RSD	12.02	1.565	.7731	.5774	.9445	1.245
#1	1.446	9.946	159.8	197.7	25990.	1558.
#2	1.146	10.25	161.6	199.2	25880.	1571.
#3	1.241	10.03	159.2	196.9	25530.	1533.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4812.	486.2	4805.	22.34	260.8	11.27
Stddev	39.	4.4	16.	.15	3.0	.65
%RSD	.8152	.9070	.3270	.6608	1.137	5.775
#1	4832.	489.1	4805.	22.43	259.7	10.54
#2	4838.	488.4	4820.	22.43	264.2	11.78
#3	4767.	481.1	4789.	22.17	258.6	11.50

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94584-e-36-c@10 Acquired: 5/23/2015 18:11:10 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.272	1.352	32.33	193.8	15.92	1.016
Stddev	1.342	.910	.61	1.4	.19	.163
%RSD	59.09	67.32	1.895	.7470	1.211	16.08
#1	1.415	.7379	32.04	193.4	15.94	1.204
#2	1.582	.9204	33.03	192.7	16.11	.9271
#3	3.819	2.398	31.91	195.4	15.72	.9160

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	146.8	118.0	396.5	716.7
Stddev	.6	.3	3.2	17.3
%RSD	.4242	.2311	.7956	2.421
#1	147.5	118.3	399.3	719.0
#2	146.3	117.9	396.9	698.3
#3	146.6	117.8	393.1	732.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3683.6	37297.	14987.
Stddev	18.6	192.	121.
%RSD	.50450	.51390	.80473
#1	3676.5	37129.	14861.
#2	3704.7	37255.	15102.
#3	3669.6	37506.	14998.

Sample Name: 460-95036-a-3-d du@4 Acquired: 5/23/2015 18:14:54 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	42800.	68.33	-.2586	222.3	4.059	6874.
Stddev	127.	2.13	.5793	.7	.117	123.
%RSD	.2967	3.113	224.0	.3079	2.888	1.788

#1	42890.	70.69	-.3772	223.1	3.926	7015.
#2	42860.	67.77	.3707	222.1	4.147	6819.
#3	42650.	66.55	-.7694	221.8	4.104	6788.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6055	7.782	110.7	128.4	60780.	6614.
Stddev	.0355	.145	.4	.3	176.	48.
%RSD	5.868	1.863	.3699	.2482	.2895	.7302

#1	.5699	7.616	111.1	128.3	60730.	6576.
#2	.6055	7.887	110.8	128.8	60970.	6668.
#3	.6410	7.841	110.3	128.1	60630.	6596.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4266.	617.0	104.6	34.02	101.9	-.5070
Stddev	14.	.8	3.0	1.11	2.3	.8554
%RSD	.3207	.1372	2.907	3.262	2.211	168.7

#1	4257.	617.8	102.4	34.24	104.0	-.0242
#2	4282.	616.9	103.4	35.00	102.2	-.0022
#3	4259.	616.1	108.1	32.81	99.52	-1.495

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-95036-a-3-d du@4 Acquired: 5/23/2015 18:14:54 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.690	-.8462	91.94	234.0	32.75	6.281
Stddev	3.133	1.397	.33	.8	.54	.325
%RSD	185.4	165.0	.3548	.3334	1.645	5.170
#1	-1.143	-1.638	91.60	234.4	33.37	6.262
#2	1.157	.7664	92.26	234.6	32.41	6.615
#3	5.055	-1.667	91.96	233.1	32.46	5.966

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	11.06	29.85	346.3	1172.
Stddev	.96	.17	.5	22.
%RSD	8.717	.5862	.1496	1.850
#1	11.70	29.70	346.5	1150.
#2	11.53	30.04	346.7	1173.
#3	9.954	29.82	345.7	1194.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3986.0	40637.	16207.
Stddev	23.4	257.	308.
%RSD	.58832	.63248	1.8999
#1	3963.7	40402.	15888.
#2	3983.9	40596.	16229.
#3	4010.4	40911.	16503.

Sample Name: 460-95036-a-3-c@4 Acquired: 5/23/2015 18:18:37 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	41630.	66.39	-1.888	216.1	3.963	6660.
Stddev	117.	1.59	.3240	.4	.026	26.
%RSD	.2806	2.389	171.6	.1779	.6692	.3833
#1	41660.	65.66	-.1718	215.6	3.932	6644.
#2	41730.	68.21	.1263	216.2	3.978	6689.
#3	41510.	65.31	-.5211	216.4	3.978	6646.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5604	7.453	110.2	128.2	58450.	6188.
Stddev	.1697	.200	1.0	.4	211.	40.
%RSD	30.28	2.683	.9238	.3103	.3614	.6534
#1	.7536	7.542	109.9	128.2	58300.	6151.
#2	.4923	7.224	111.4	127.9	58690.	6231.
#3	.4354	7.593	109.4	128.7	58360.	6182.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4126.	639.2	97.13	33.45	99.22	-.0674
Stddev	27.	1.7	6.64	.46	2.28	.8087
%RSD	.6483	.2707	6.832	1.378	2.299	1200.
#1	4131.	639.2	104.8	33.57	97.38	.8531
#2	4149.	641.0	93.04	32.94	101.8	-.6638
#3	4097.	637.5	93.57	33.84	98.51	-.3916

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-95036-a-3-c@4 Acquired: 5/23/2015 18:18:37 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.534	.3435	87.40	229.5	29.55	6.270
Stddev	5.491	1.561	.34	.5	.38	.245
%RSD	216.7	454.5	.3907	.2257	1.272	3.906
#1	2.756	1.990	87.47	228.9	29.69	6.034
#2	7.910	-1.115	87.70	229.9	29.12	6.253
#3	-3.064	.1556	87.03	229.5	29.83	6.523

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	9.250	28.98	333.6	1136.
Stddev	.601	.12	.6	15.
%RSD	6.493	.4019	.1943	1.287
#1	8.746	28.93	333.5	1121.
#2	9.089	29.11	334.2	1151.
#3	9.915	28.89	332.9	1136.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3953.6	40162.	15846.
Stddev	13.1	351.	113.
%RSD	.33052	.87388	.71556
#1	3944.3	40034.	15786.
#2	3948.0	39893.	15775.
#3	3968.6	40559.	15976.

Sample Name: sd 460-95036-a-3-c@2 Acquired: 5/23/2015 18:22:22 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8470.	15.02	-4.903	44.10	.7429	1374.
Stddev	36.	.59	.8951	.35	.0491	5.
%RSD	.4203	3.956	182.6	.7900	6.613	.3296
#1	8510.	14.38	.4167	44.44	.7081	1370.
#2	8445.	15.55	-1.373	44.11	.7214	1373.
#3	8453.	15.12	-.5147	43.74	.7991	1379.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0947	1.422	22.27	25.83	12170.	1237.
Stddev	.2315	.060	.09	.46	69.	34.
%RSD	244.5	4.193	.4106	1.765	.5703	2.739
#1	.3366	1.361	22.26	26.21	12090.	1269.
#2	.0721	1.480	22.36	25.97	12210.	1201.
#3	-.1247	1.427	22.18	25.32	12220.	1240.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	854.5	132.6	38.14	7.540	18.51	1.504
Stddev	9.2	.7	4.09	.334	.79	.659
%RSD	1.082	.5320	10.74	4.425	4.243	43.80
#1	844.0	131.8	42.28	7.886	18.03	.8690
#2	861.6	133.1	38.03	7.220	18.09	1.458
#3	857.7	132.9	34.10	7.514	19.42	2.184

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-95036-a-3-c@2 Acquired: 5/23/2015 18:22:22 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.188	.9909	17.37	46.96	6.163	.8653
Stddev	2.745	1.117	.14	.39	.243	.0934
%RSD	231.1	112.8	.8336	.8260	3.939	10.79
#1	4.325	.0276	17.21	46.62	6.361	.9161
#2	-.7745	2.216	17.49	47.39	6.237	.9223
#3	.0131	.7293	17.42	46.88	5.892	.7576

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.715	5.878	67.97	225.7
Stddev	.646	.122	.12	21.1
%RSD	23.79	2.075	.1704	9.362
#1	3.206	5.814	67.85	227.1
#2	2.956	5.802	67.97	246.1
#3	1.983	6.019	68.08	203.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3915.1	39994.	15740.
Stddev	22.1	432.	229.
%RSD	.56407	1.0810	1.4574
#1	3939.8	40492.	15529.
#2	3897.1	39723.	15984.
#3	3908.5	39765.	15707.

Sample Name: 460-95036-a-3-e ms@4 Acquired: 5/23/2015 18:26:11 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	51250.	992.4	24.30	1218.	28.95	15460.
Stddev	179.	3.1	.05	5.	.20	188.
%RSD	.3486	.3092	.2245	.3810	.6928	1.218

#1	51050.	990.8	24.26	1213.	28.75	15580.
#2	51320.	990.4	24.29	1221.	28.96	15240.
#3	51380.	995.9	24.36	1221.	29.15	15560.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25.01	258.7	225.9	241.5	60550.	16930.
Stddev	.35	1.2	1.4	1.6	514.	71.
%RSD	1.390	.4569	.6193	.6758	.8493	.4203

#1	24.65	257.4	226.1	239.8	60850.	16860.
#2	25.34	259.7	224.4	243.1	59960.	16950.
#3	25.03	258.9	227.2	241.7	60850.	17000.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14430.	811.5	9674.	289.0	345.6	101.5
Stddev	171.	5.3	48.	1.6	2.7	1.4
%RSD	1.182	.6507	.4952	.5707	.7745	1.362

#1	14550.	815.1	9619.	288.3	344.0	101.3
#2	14230.	805.4	9707.	287.8	348.7	100.2
#3	14510.	813.8	9696.	290.9	344.2	102.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-95036-a-3-e ms@4 Acquired: 5/23/2015 18:26:11 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	927.1	1045.	337.8	478.0	278.9	229.1
Stddev	7.1	7.	2.0	2.1	1.4	.3
%RSD	.7682	.6858	.5827	.4306	.4922	.1120
#1	926.5	1038.	336.4	477.1	277.5	229.3
#2	920.3	1052.	336.9	480.3	278.9	228.8
#3	934.5	1046.	340.0	476.5	280.3	229.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	237.5	280.4	566.6	1557.
Stddev	2.6	1.9	.9	51.
%RSD	1.078	.6603	.1541	3.264
#1	235.6	278.5	566.5	1513.
#2	240.4	282.2	565.8	1613.
#3	236.5	280.5	567.6	1545.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3971.0	40390.	16311.
Stddev	12.8	735.	387.
%RSD	.32284	1.8203	2.3735
#1	3957.0	39660.	15900.
#2	3973.8	41130.	16669.
#3	3982.2	40382.	16363.

Sample Name: pds 460-95036-a-3-c Acquired: 5/23/2015 18:29:49 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	45100.	1929.	51.58	2173.	53.98	25880.
Stddev	36.	8.	.29	6.	.11	18.
%RSD	.0809	.4248	.5719	.2556	.1954	.0690
#1	45120.	1933.	51.24	2179.	53.99	25890.
#2	45060.	1920.	51.76	2169.	53.87	25860.
#3	45110.	1935.	51.74	2170.	54.08	25880.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	48.95	502.9	314.8	374.1	61180.	23900.
Stddev	.25	1.2	1.3	.6	16.	32.
%RSD	.5148	.2415	.4217	.1662	.0259	.1347
#1	49.00	502.1	313.5	374.3	61170.	23860.
#2	49.18	504.3	314.7	373.4	61200.	23910.
#3	48.68	502.2	316.2	374.6	61180.	23920.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22960.	1149.	19210.	536.5	598.8	441.4
Stddev	32.	1.	18.	2.3	4.2	1.3
%RSD	.1396	.0699	.0948	.4204	.7066	.3039
#1	22970.	1148.	19230.	534.1	601.2	441.9
#2	22980.	1150.	19190.	538.7	601.3	439.9
#3	22920.	1150.	19210.	536.6	593.9	442.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-95036-a-3-c Acquired: 5/23/2015 18:29:49 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1861.	2071.	579.6	726.5	503.7	469.5
Stddev	8.	7.	2.5	2.5	2.0	2.0
%RSD	.4517	.3464	.4279	.3492	.3995	.4318
#1	1870.	2078.	577.3	725.7	502.7	467.5
#2	1853.	2063.	579.3	729.3	502.3	469.3
#3	1861.	2073.	582.3	724.4	506.0	471.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	497.6	520.4	838.2	1247.
Stddev	1.5	.9	.4	25.
%RSD	.3082	.1798	.0526	2.044
#1	499.3	521.3	838.4	1276.
#2	496.3	520.5	838.5	1229.
#3	497.2	519.4	837.7	1236.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3811.2	38435.	15365.
Stddev	9.4	78.	63.
%RSD	.24545	.20357	.41187
#1	3801.7	38346.	15330.
#2	3811.3	38463.	15438.
#3	3820.4	38495.	15327.

Sample Name: lcssrm 460-300491/2- Acquired: 5/23/2015 18:33:22 Type: QC

Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	34840.	678.8	185.4	1046.	475.1	29620.
Stddev	235.	3.6	.7	5.	2.8	157.
%RSD	.6731	.5258	.3877	.4323	.5854	.5303

#1	35100.	681.6	186.3	1051.	478.0	29790.
#2	34650.	674.8	185.2	1043.	472.4	29600.
#3	34760.	679.9	184.9	1044.	475.0	29480.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	510.6	811.4	684.1	825.8	67790.	12150.
Stddev	1.4	3.2	4.7	4.6	385.	78.
%RSD	.2768	.4003	.6916	.5628	.5685	.6449

#1	512.1	815.1	689.3	831.1	68220.	12220.
#2	509.3	809.1	682.7	822.6	67680.	12070.
#3	510.5	810.0	680.2	823.7	67470.	12150.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13460.	1520.	3807.	675.3	690.9	226.4
Stddev	68.	7.	28.	3.5	3.7	1.5
%RSD	.5019	.4605	.7477	.5222	.5350	.6746

#1	13530.	1528.	3835.	679.0	695.1	227.8
#2	13420.	1516.	3778.	672.0	688.0	224.8
#3	13420.	1516.	3808.	675.0	689.7	226.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-300491/2- Acquired: 5/23/2015 18:33:22 Type: QC

Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	884.7	813.2	528.9	964.7	675.3	557.5
Stddev	3.5	2.8	2.6	4.3	4.0	3.5
%RSD	.3982	.3430	.4939	.4499	.5962	.6352

#1	888.8	815.2	531.7	969.6	679.9	561.4
#2	882.1	810.1	528.4	963.3	672.5	554.4
#3	883.3	814.5	526.6	961.3	673.5	556.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	662.3	529.9	1492.	1022.
Stddev	3.9	3.5	8.	9.
%RSD	.5901	.6561	.5333	.8607

#1	666.7	533.7	1501.	1013.
#2	660.9	526.8	1487.	1030.
#3	659.2	529.2	1488.	1024.

Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3843.8	39192.	15814.
Stddev	24.0	277.	219.
%RSD	.62452	.70557	1.3843

#1	3816.1	38907.	15561.
#2	3856.1	39209.	15930.
#3	3859.1	39459.	15950.

Sample Name: CCV Acquired: 5/23/2015 18:36:57 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123700.	2497.	1220.	10090.	1002.	123200.
Stddev	55.	9.	3.	4.	1.	465.
%RSD	.0443	.3566	.2682	.0413	.1019	.3771

#1	123700.	2503.	1217.	10090.	1001.	122700.
#2	123700.	2487.	1219.	10080.	1002.	123500.
#3	123800.	2501.	1223.	10080.	1003.	123500.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1252.	2504.	4988.	12390.	100200.	49370.
Stddev	1.	2.	14.	28.	299.	55.
%RSD	.1016	.0697	.2807	.2248	.2982	.1118

#1	1250.	2506.	4971.	12410.	99820.	49310.
#2	1253.	2504.	4994.	12390.	100400.	49410.
#3	1252.	2502.	4997.	12360.	100300.	49390.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123600.	5037.	124900.	2516.	7555.	991.9
Stddev	359.	13.	135.	5.	11.	4.4
%RSD	.2900	.2481	.1081	.1804	.1501	.4445

#1	123200.	5022.	124900.	2511.	7545.	996.9
#2	123900.	5043.	125000.	2517.	7552.	990.5
#3	123800.	5045.	124800.	2520.	7567.	988.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 5/23/2015 18:36:57 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2483.	2564.	2489.	2503.	1003.	2459.
Stddev	8.	2.	4.	7.	2.	2.
%RSD	.3160	.0836	.1443	.2683	.1806	.0839

#1	2484.	2563.	2485.	2496.	1004.	2459.
#2	2490.	2562.	2490.	2509.	1001.	2457.
#3	2474.	2566.	2492.	2502.	1005.	2461.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1008.	5062.	10150.	9665.
Stddev	3.	34.	9.	103.
%RSD	.3424	.6758	.0887	1.065

#1	1004.	5051.	10140.	9692.
#2	1010.	5101.	10150.	9753.
#3	1009.	5035.	10150.	9552.

Check ?	Chk Pass	Chk Pass	Chk Pass	None
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3517.1	35587.	14806.
Stddev	10.2	193.	190.
%RSD	.28970	.54337	1.2819

#1	3528.8	35806.	14952.
#2	3510.5	35514.	14875.
#3	3511.9	35440.	14591.

Sample Name: CCB Acquired: 5/23/2015 18:40:35 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20.35	.0375	-.4798	.4614	.2505	11.77
Stddev	25.97	.9979	.3734	.3245	.3215	2.18
%RSD	127.6	2663.	77.82	70.33	128.3	18.51

#1	50.18	-.5425	-.8952	.7244	.6215	13.77
#2	8.166	-.5348	-.3722	.0988	.0528	12.09
#3	2.719	1.190	-.1721	.5612	.0773	9.449

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2453	-.2884	.0118	.4646	13.24	12.91
Stddev	.0876	.1778	.3365	.2612	10.39	1.97
%RSD	35.71	61.64	2857.	56.22	78.49	15.24

#1	.3456	-.4711	-.1212	.7662	22.93	10.64
#2	.2068	-.2782	-.2380	.3208	2.265	14.16
#3	.1836	-.1160	.3945	.3070	14.52	13.92

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.575	.6574	41.61	-.2293	-.8165	.3583
Stddev	7.296	.1865	28.93	.5415	2.154	.8807
%RSD	130.9	28.36	69.51	236.1	263.8	245.8

#1	11.77	.8698	74.90	-.3915	.3051	.8432
#2	-2.467	.5205	27.30	-.6712	.5453	-.6583
#3	7.424	.5819	22.64	.3747	-3.300	.8901

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 5/23/2015 18:40:35 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.855	-.1028	-.0852	-.1042	1.636	-.0751
Stddev	2.829	2.476	.3236	.2789	.298	.4547
%RSD	73.40	2408.	379.9	267.7	18.23	605.2
#1	6.323	-2.103	-.0686	.2094	1.786	-.4490
#2	4.476	-.8718	.2298	-.3244	1.828	-.2075
#3	.7668	2.666	-.4167	-.1974	1.292	.4311

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.8392	.9142	.4799	.3508
Stddev	1.138	1.386	.2270	11.30
%RSD	135.6	151.6	47.31	3221.
#1	1.605	2.514	.6658	.9303
#2	-.4680	.1025	.2269	-11.23
#3	1.381	.1261	.5469	11.35

Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3833.3	39354.	15394.
Stddev	22.8	310.	204.
%RSD	.59387	.78728	1.3283
#1	3843.4	39041.	15208.
#2	3849.2	39661.	15613.
#3	3807.2	39359.	15362.

Sample Name: CCVL Acquired: 5/23/2015 18:44:27 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	209.6	15.22	10.15	209.9	2.044	5038.
Stddev	5.6	2.00	.23	.6	.067	34.
%RSD	2.689	13.16	2.245	.2981	3.280	.6758

#1	205.9	16.19	10.37	210.6	2.111	4999.
#2	206.8	12.92	10.15	209.4	2.045	5058.
#3	216.1	16.56	9.914	209.8	1.976	5058.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.247	52.75	10.60	25.41	191.8	4821.
Stddev	.025	.17	.58	.19	8.6	24.
%RSD	.5985	.3212	5.424	.7556	4.496	.5021

#1	4.236	52.92	11.23	25.57	187.8	4813.
#2	4.229	52.59	10.10	25.47	185.9	4802.
#3	4.277	52.75	10.49	25.20	201.7	4849.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5087.	16.23	4935.	43.84	10.57	19.44
Stddev	51.	.22	20.	.32	1.85	1.92
%RSD	1.002	1.365	.3961	.7350	17.47	9.877

#1	5028.	16.28	4938.	44.21	8.567	21.24
#2	5116.	16.42	4915.	43.68	10.93	19.64
#3	5117.	15.98	4954.	43.64	12.21	17.42

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCVL Acquired: 5/23/2015 18:44:27 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21.14	23.50	50.15	35.49	49.67	19.68
Stddev	.87	2.29	.26	.16	.30	.49
%RSD	4.136	9.768	.5171	.4569	.6102	2.485
#1	20.18	22.92	50.06	35.39	49.93	20.12
#2	21.35	26.03	49.95	35.67	49.75	19.15
#3	21.89	21.55	50.45	35.39	49.34	19.78

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	52.83	20.70	22.41	F -1.271
Stddev	.17	.11	.24	7.810
%RSD	.3208	.5327	1.056	614.5
#1	52.72	20.57	22.67	-6.124
#2	52.74	20.76	22.37	-5.427
#3	53.03	20.77	22.20	7.738

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				200.0
Range				-30.50%

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3731.5	37943.	14910.
Stddev	9.6	384.	229.
%RSD	.25735	1.0130	1.5347
#1	3742.5	38384.	15165.
#2	3725.0	37769.	14842.
#3	3727.0	37677.	14723.

Sample Name: mb 460-300491/1-a@2 Acquired: 5/23/2015 18:48:17 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.758	.7356	-.5680	.2416	.0475	28.07
Stddev	6.905	1.832	.2896	.1602	.0546	16.93
%RSD	183.8	249.1	50.98	66.30	115.0	60.32
#1	1.282	2.617	-.4037	.4248	.0646	14.96
#2	11.56	-1.043	-.3979	.1281	.0915	47.19
#3	-1.568	.6333	-.9023	.1718	-.0136	22.07

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1597	-.2131	.1892	.5678	10.15	-3.197
Stddev	.1338	.0741	.3121	1.108	15.19	31.32
%RSD	83.78	34.77	164.9	195.0	149.7	979.6
#1	.3116	-.1879	.1711	.0424	7.441	-26.77
#2	.1083	-.1548	.5100	1.840	26.51	32.34
#3	.0592	-.2964	-.1134	-.1791	-3.503	-15.16

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16.60	.2691	6.358	.0338	-.1233	1.293
Stddev	23.84	.4852	2.216	.3699	1.687	1.627
%RSD	143.6	180.3	34.86	1095.	1369.	125.8
#1	10.71	.1229	7.198	-.3932	.4063	2.920
#2	42.83	.8106	8.031	.2359	1.235	-.3329
#3	-3.743	-.1262	3.844	.2586	-2.011	1.292

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-300491/1-a@2 Acquired: 5/23/2015 18:48:17 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7495	1.733	.2738	.0588	.5043	.0458
Stddev	1.459	1.124	.5363	.2132	.6763	.3550
%RSD	194.7	64.89	195.9	362.9	134.1	774.8
#1	.9846	1.691	.1879	.1238	.8182	-.2123
#2	2.077	.6297	.8479	-.1794	-.2719	-.1009
#3	-.8131	2.877	-.2144	.2319	.9665	.4507

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.7811	.0727	.5240	3.025
Stddev	.1527	.1370	.9320	7.768
%RSD	19.54	188.5	177.9	256.8
#1	.8280	.2303	.0160	-5.778
#2	.9048	-.0180	1.600	5.938
#3	.6105	.0058	-.0437	8.914

Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3859.7	39463.	15217.
Stddev	14.0	209.	220.
%RSD	.36198	.52869	1.4480
#1	3873.7	39519.	14974.
#2	3845.7	39232.	15403.
#3	3859.5	39638.	15275.

Sample Name: 460-94787-e-7-a@4 Acquired: 5/23/2015 18:52:09 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5366.	11.10	-1.156	21.61	.5216	2659.
Stddev	20.	1.09	.618	.27	.0247	12.
%RSD	.3657	9.812	53.40	1.248	4.727	.4403
#1	5345.	9.858	-1.481	21.91	.4932	2654.
#2	5367.	11.57	-1.544	21.38	.5336	2651.
#3	5384.	11.88	-.4443	21.53	.5379	2672.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1778	6.948	36.18	25.48	19380.	431.6
Stddev	.1560	.175	.21	.17	70.	27.3
%RSD	87.79	2.524	.5731	.6790	.3615	6.315
#1	-.3429	6.763	35.96	25.37	19340.	402.8
#2	-.1577	7.112	36.20	25.67	19340.	456.9
#3	-.0327	6.971	36.37	25.38	19460.	435.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1286.	32.24	70.47	7.794	14.89	-.9669
Stddev	4.	.16	5.55	.536	1.49	.8899
%RSD	.2885	.4814	7.879	6.877	10.00	92.04
#1	1288.	32.34	75.45	8.396	16.13	-1.818
#2	1288.	32.06	71.49	7.615	15.30	-1.040
#3	1282.	32.33	64.48	7.370	13.23	-.0426

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94787-e-7-a@4 Acquired: 5/23/2015 18:52:09 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.683	.2477	58.63	21.68	2.707	8.479
Stddev	3.347	1.733	.16	.22	.089	.344
%RSD	198.9	699.7	.2681	.9951	3.291	4.053
#1	3.168	-1.442	58.79	21.55	2.612	8.766
#2	-2.150	.1648	58.48	21.93	2.789	8.098
#3	4.031	2.021	58.61	21.56	2.719	8.573

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	7.957	15.39	294.0	616.9
Stddev	.850	.02	.3	7.1
%RSD	10.68	.1493	.1110	1.152
#1	8.934	15.42	294.3	610.9
#2	7.547	15.39	293.6	624.8
#3	7.390	15.37	294.1	615.1

Check ? Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3848.5	39322.	15388.
Stddev	18.2	256.	178.
%RSD	.47316	.65176	1.1546
#1	3832.0	39135.	15558.
#2	3845.5	39614.	15403.
#3	3868.0	39218.	15204.

Sample Name: 460-94787-e-9-a@4 Acquired: 5/23/2015 18:55:57 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8922.	12.25	-2.747	24.59	1.050	2061.
Stddev	53.	.99	.490	.26	.081	20.
%RSD	.5994	8.073	17.85	1.062	7.735	.9868

#1	8885.	11.14	-3.285	24.43	.9683	2037.
#2	8898.	12.58	-2.325	24.46	1.051	2072.
#3	8983.	13.03	-2.630	24.89	1.131	2074.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.8444	4.605	80.11	105.5	123800.	667.3
Stddev	.0609	.294	.45	.5	780.	8.0
%RSD	7.217	6.377	.5574	.4974	.6301	1.196

#1	-.7781	4.825	79.82	105.0	122900.	658.1
#2	-.8980	4.271	80.62	105.5	124400.	670.7
#3	-.8569	4.718	79.88	106.0	124100.	673.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	273.7	87.93	5.304	9.264	18.22	-2.706
Stddev	2.6	.83	5.131	.342	1.11	.702
%RSD	.9660	.9436	96.74	3.696	6.094	25.96

#1	270.8	87.00	-.6207	9.481	17.20	-2.914
#2	275.9	88.21	8.215	8.869	18.06	-1.923
#3	274.4	88.59	8.318	9.442	19.40	-3.281

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94787-e-9-a@4 Acquired: 5/23/2015 18:55:57 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.824	2.098	297.3	59.37	2.540	12.44
Stddev	3.157	.680	2.3	.35	1.002	.59
%RSD	173.1	32.43	.7753	.5816	39.44	4.713
#1	5.304	2.479	294.7	59.06	2.559	11.80
#2	1.023	2.502	299.0	59.31	1.529	12.96
#3	-.8554	1.312	298.3	59.74	3.532	12.56

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	8.808	12.56	327.7	836.4
Stddev	.661	.16	1.6	15.6
%RSD	7.509	1.276	.4867	1.861
#1	9.395	12.42	326.5	831.8
#2	8.938	12.53	327.0	823.7
#3	8.091	12.74	329.5	853.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3846.4	39282.	15543.
Stddev	11.3	283.	73.
%RSD	.29404	.72141	.46943
#1	3844.8	39400.	15563.
#2	3835.9	38958.	15462.
#3	3858.4	39487.	15604.

Sample Name: 460-95036-a-1-c@4 Acquired: 5/23/2015 18:59:44 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25340.	33.07	-1.260	131.2	1.825	4758.
Stddev	29.	.67	.262	.2	.029	16.
%RSD	.1135	2.016	20.81	.1234	1.591	.3420
#1	25360.	32.81	-1.480	131.3	1.794	4748.
#2	25360.	32.58	-.9699	131.3	1.852	4749.
#3	25310.	33.83	-1.331	131.0	1.829	4777.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3740	7.221	65.39	87.85	38790.	3356.
Stddev	.1425	.083	.22	.49	71.	16.
%RSD	38.10	1.145	.3332	.5626	.1820	.4749
#1	.2117	7.242	65.30	87.37	38840.	3346.
#2	.4315	7.290	65.23	88.36	38710.	3348.
#3	.4787	7.129	65.64	87.84	38830.	3375.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3114.	449.4	56.84	19.11	56.66	1.661
Stddev	15.	.0	5.22	.70	.68	.682
%RSD	.4835	.0054	9.193	3.657	1.200	41.07
#1	3105.	449.4	59.04	18.53	56.51	.9651
#2	3106.	449.4	50.88	19.89	57.40	1.690
#3	3132.	449.4	60.61	18.92	56.06	2.329

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-95036-a-1-c@4 Acquired: 5/23/2015 18:59:44 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6901	2.451	55.01	157.1	17.29	2.428
Stddev	1.887	3.203	.23	.2	.70	.367
%RSD	273.5	130.7	.4092	.1522	4.051	15.13
#1	2.065	1.108	54.77	157.2	17.26	2.478
#2	1.467	.1380	55.06	156.8	16.61	2.767
#3	-1.462	6.106	55.21	157.2	18.01	2.038

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	8.499	22.59	393.8	958.0
Stddev	.255	.08	.3	9.4
%RSD	2.996	.3602	.0651	.9796
#1	8.766	22.52	393.5	947.6
#2	8.471	22.68	393.9	966.0
#3	8.259	22.56	394.0	960.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3928.4	40030.	15831.
Stddev	10.4	226.	139.
%RSD	.26585	.56543	.87519
#1	3916.6	39790.	15701.
#2	3932.1	40240.	15976.
#3	3936.5	40061.	15816.

Sample Name: 460-95036-a-2-c@4 Acquired: 5/23/2015 19:03:30 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23380.	41.75	-.6343	163.7	1.962	4191.
Stddev	157.	.17	.6605	.3	.052	49.
%RSD	.6705	.3982	104.1	.1925	2.646	1.163
#1	23240.	41.73	-1.015	163.4	1.908	4161.
#2	23350.	41.59	-1.016	164.0	2.012	4164.
#3	23550.	41.92	.1283	163.7	1.966	4247.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2846	4.643	65.42	102.8	43140.	3917.
Stddev	.0409	.031	1.07	.8	345.	53.
%RSD	14.39	.6601	1.640	.7992	.7991	1.348
#1	.2459	4.674	65.40	102.2	42960.	3856.
#2	.2805	4.641	64.35	103.7	42920.	3949.
#3	.3274	4.613	66.50	102.4	43530.	3946.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2371.	432.3	55.75	17.70	89.47	.4920
Stddev	20.	2.8	2.65	.43	2.12	2.202
%RSD	.8323	.6488	4.749	2.433	2.369	447.6
#1	2361.	430.0	58.80	17.24	87.04	-1.260
#2	2358.	431.3	54.40	17.75	90.51	-.2277
#3	2394.	435.4	54.04	18.10	90.87	2.964

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-95036-a-2-c@4 Acquired: 5/23/2015 19:03:30 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.1094	2.351	43.45	156.0	20.99	2.356
Stddev	2.386	2.487	.16	1.1	.51	.057
%RSD	2181.	105.8	.3607	.7125	2.452	2.419
#1	2.645	-.0114	43.39	154.8	21.56	2.342
#2	-1.517	4.946	43.33	156.4	20.55	2.307
#3	-1.456	2.117	43.63	156.9	20.87	2.418

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	8.643	31.35	280.6	958.8
Stddev	.493	.13	.5	13.7
%RSD	5.706	.4145	.1884	1.432
#1	8.391	31.21	280.0	946.1
#2	9.211	31.45	280.8	973.3
#3	8.326	31.40	280.9	956.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3885.8	39548.	15549.
Stddev	18.4	572.	492.
%RSD	.47409	1.4462	3.1639
#1	3905.8	39687.	15790.
#2	3882.0	40038.	15874.
#3	3869.6	38919.	14983.

Sample Name: 460-95036-a-4-c@4 Acquired: 5/23/2015 19:07:15 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	32310.	54.91	-.5210	195.2	2.431	6764.
Stddev	31.	1.60	.0558	.6	.133	42.
%RSD	.0969	2.913	10.71	.3032	5.457	.6270

#1	32340.	55.72	-.5841	194.6	2.425	6747.
#2	32280.	55.93	-.4784	195.7	2.301	6812.
#3	32300.	53.06	-.5004	195.4	2.566	6732.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5485	4.902	76.17	131.6	38960.	5074.
Stddev	.1581	.213	.92	.9	99.	32.
%RSD	28.82	4.341	1.203	.7173	.2548	.6275

#1	.6904	5.135	76.63	130.5	38980.	5100.
#2	.5768	4.852	76.77	132.1	39050.	5038.
#3	.3782	4.719	75.12	132.1	38860.	5082.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3532.	612.5	64.36	20.77	83.02	1.758
Stddev	21.	1.6	3.75	.65	1.62	1.253
%RSD	.5877	.2573	5.833	3.144	1.946	71.25

#1	3522.	612.5	66.35	20.03	82.37	2.767
#2	3556.	614.1	60.03	21.05	84.86	.3560
#3	3518.	611.0	66.71	21.24	81.84	2.152

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-95036-a-4-c@4 Acquired: 5/23/2015 19:07:15 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.188	1.940	48.68	184.4	25.48	3.155
Stddev	2.461	.752	.58	.8	.48	.393
%RSD	112.5	38.74	1.201	.4564	1.872	12.44
#1	1.151	2.752	48.11	185.3	25.46	3.336
#2	.4154	1.267	49.27	184.4	25.96	2.705
#3	4.998	1.802	48.66	183.6	25.01	3.425

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	10.73	32.83	303.5	1078.
Stddev	.62	.10	1.1	11.
%RSD	5.756	.3190	.3509	1.020
#1	11.40	32.73	302.7	1073.
#2	10.62	32.81	304.7	1070.
#3	10.18	32.94	303.1	1090.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3953.6	40171.	16144.
Stddev	13.6	362.	278.
%RSD	.34422	.90212	1.7230
#1	3939.0	39857.	15842.
#2	3956.0	40088.	16200.
#3	3965.9	40567.	16390.

Sample Name: 460-95036-a-5-e@4 Acquired: 5/23/2015 19:10:59 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	27720.	47.35	-6046	179.9	3.446	3879.
Stddev	66.	1.90	.6411	.5	.114	33.
%RSD	.2391	4.019	106.0	.2510	3.296	.8539
#1	27650.	49.30	-.7558	179.4	3.369	3853.
#2	27740.	47.27	.0986	179.9	3.576	3869.
#3	27780.	45.49	-1.157	180.3	3.392	3916.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3368	6.591	79.79	73.75	43960.	4237.
Stddev	.0815	.191	.34	.49	290.	23.
%RSD	24.21	2.902	.4269	.6691	.6585	.5343
#1	.4269	6.501	79.59	74.32	43720.	4251.
#2	.2681	6.461	79.59	73.46	43870.	4211.
#3	.3154	6.810	80.18	73.48	44280.	4248.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2553.	478.2	29.65	25.91	65.70	1.456
Stddev	25.	2.1	5.24	.33	.54	1.363
%RSD	.9887	.4489	17.68	1.259	.8210	93.59
#1	2531.	476.4	28.97	26.06	65.14	2.319
#2	2547.	477.7	24.78	26.13	65.76	2.164
#3	2580.	480.6	35.19	25.53	66.21	-.1149

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-95036-a-5-e@4 Acquired: 5/23/2015 19:10:59 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.415	1.687	60.17	184.8	22.29	3.394
Stddev	3.699	2.467	.42	1.1	.16	.205
%RSD	68.32	146.3	.6957	.6144	.7018	6.055
#1	9.358	3.597	59.71	183.5	22.25	3.238
#2	2.021	2.561	60.29	185.6	22.15	3.318
#3	4.865	-1.099	60.52	185.3	22.46	3.627

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	7.803	21.31	246.6	1004.
Stddev	1.361	.02	.6	33.
%RSD	17.45	.1102	.2556	3.306
#1	9.284	21.33	246.5	980.3
#2	7.520	21.28	246.0	1042.
#3	6.605	21.31	247.3	990.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3973.9	40611.	16103.
Stddev	.9	268.	366.
%RSD	.02312	.65985	2.2718
#1	3972.9	40745.	15799.
#2	3974.8	40787.	16509.
#3	3973.9	40303.	16002.

Sample Name: 460-95036-a-6-c@4 Acquired: 5/23/2015 19:14:43 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23150.	39.58	-.4287	137.0	2.013	4920.
Stddev	139.	3.47	.1829	.5	.180	38.
%RSD	.6015	8.780	42.66	.3682	8.938	.7812

#1	22990.	37.17	-.4894	136.5	2.220	4876.
#2	23210.	43.57	-.2232	137.5	1.896	4948.
#3	23250.	38.02	-.5734	137.1	1.924	4935.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3964	4.178	75.18	98.70	34840.	4729.
Stddev	.1613	.158	.51	.44	210.	64.
%RSD	40.70	3.792	.6821	.4421	.6040	1.348

#1	.5761	4.009	74.59	98.94	34610.	4656.
#2	.3487	4.199	75.43	98.97	34920.	4768.
#3	.2642	4.324	75.53	98.20	35010.	4764.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2817.	402.4	52.43	17.91	48.35	1.232
Stddev	19.	1.6	2.63	.51	.82	1.021
%RSD	.6915	.3965	5.008	2.872	1.687	82.83

#1	2795.	400.6	54.17	18.18	47.71	.0809
#2	2829.	402.9	49.41	18.24	49.27	2.026
#3	2828.	403.7	53.72	17.32	48.07	1.590

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-95036-a-6-c@4 Acquired: 5/23/2015 19:14:43 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.893	.9361	45.28	144.5	24.67	2.899
Stddev	2.961	.9327	.52	.9	.71	.221
%RSD	156.4	99.64	1.158	.6076	2.894	7.618
#1	.2424	1.228	44.73	143.9	25.11	3.151
#2	.1254	-.1078	45.77	144.2	25.06	2.736
#3	5.311	1.688	45.35	145.5	23.85	2.811

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	7.744	25.77	250.8	991.2
Stddev	.424	.14	1.0	4.1
%RSD	5.471	.5313	.4112	.4167
#1	7.271	25.61	249.6	990.5
#2	7.874	25.87	251.2	987.4
#3	8.087	25.82	251.6	995.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3885.7	39886.	15885.
Stddev	9.0	170.	146.
%RSD	.23189	.42723	.91816
#1	3894.5	40082.	15980.
#2	3886.1	39777.	15717.
#3	3876.5	39798.	15958.

Sample Name: 460-95115-a-1-d@4 Acquired: 5/23/2015 19:18:29 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	88020.	41.14	-4944	365.4	5.900	6816.
Stddev	366.	2.00	.4335	1.7	.083	59.
%RSD	.4157	4.868	87.67	.4646	1.398	.8629

#1	87670.	39.99	-.6830	363.6	5.897	6750.
#2	88000.	43.45	.0014	365.6	5.983	6863.
#3	88400.	39.97	-.8017	366.9	5.818	6834.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0414	52.06	68.22	79.71	127800.	7547.
Stddev	.0748	.59	.91	.58	757.	15.
%RSD	180.5	1.127	1.337	.7263	.5926	.1958

#1	-.0682	51.38	67.42	79.57	126900.	7536.
#2	-.0991	52.43	68.01	80.34	128100.	7564.
#3	.0430	52.36	69.21	79.21	128300.	7542.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23110.	3806.	245.3	66.47	54.35	-6.165
Stddev	104.	19.	2.3	1.07	2.24	2.452
%RSD	.4517	.4921	.9373	1.607	4.113	39.76

#1	22990.	3784.	246.1	65.54	51.77	-8.690
#2	23200.	3815.	247.1	67.64	55.54	-3.793
#3	23130.	3819.	242.7	66.24	55.74	-6.013

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-95115-a-1-d@4 Acquired: 5/23/2015 19:18:29 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.276	.2029	177.2	1046.	4.569	2.411
Stddev	3.546	.6850	1.0	38.	.650	.214
%RSD	108.3	337.7	.5921	3.642	14.24	8.874
#1	-3.315	-.2362	176.0	1013.	5.288	2.272
#2	.2896	-.1474	177.9	1038.	4.020	2.657
#3	-6.802	.9921	177.7	1088.	4.400	2.303

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	10.06	68.56	5163.	825.4
Stddev	.55	.33	18.	12.6
%RSD	5.464	.4884	.3411	1.521
#1	9.672	68.17	5143.	814.8
#2	10.69	68.76	5170.	839.3
#3	9.820	68.75	5176.	822.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3901.0	39155.	15652.
Stddev	21.1	195.	75.
%RSD	.53993	.49733	.47779
#1	3886.1	39273.	15568.
#2	3891.7	38931.	15674.
#3	3925.1	39263.	15712.

Sample Name: 460-95115-a-2-b@4 Acquired: 5/23/2015 19:22:12 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	88250.	85.92	-4879	343.4	5.941	6692.
Stddev	210.	2.33	.3912	.8	.036	44.
%RSD	.2382	2.714	80.18	.2206	.6146	.6634

#1	88060.	84.39	-.8354	343.0	5.975	6641.
#2	88210.	88.60	-.0642	344.3	5.946	6714.
#3	88480.	84.77	-.5642	343.0	5.903	6722.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3048	61.92	80.20	77.48	147700.	7126.
Stddev	.2591	.48	.56	.72	381.	27.
%RSD	85.00	.7783	.6993	.9292	.2577	.3747

#1	.3409	61.56	79.75	76.83	147300.	7148.
#2	.5439	62.46	80.03	78.25	147700.	7096.
#3	.0296	61.73	80.83	77.36	148000.	7134.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22190.	3669.	252.2	78.65	85.02	-5.010
Stddev	29.	6.	1.7	.58	2.71	.554
%RSD	.1316	.1537	.6792	.7366	3.191	11.06

#1	22170.	3663.	252.4	78.01	87.45	-4.443
#2	22170.	3670.	250.3	78.79	82.09	-5.551
#3	22220.	3674.	253.7	79.15	85.50	-5.036

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-95115-a-2-b@4 Acquired: 5/23/2015 19:22:12 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-5.059	1.980	233.4	1228.	5.094	2.534
Stddev	2.954	1.717	.8	3.	.352	.378
%RSD	58.38	86.73	.3594	.2722	6.919	14.92
#1	-1.861	3.935	232.5	1225.	5.261	2.942
#2	-7.683	.7134	233.6	1231.	4.689	2.194
#3	-5.635	1.292	234.1	1230.	5.331	2.468

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	10.37	68.03	3814.	823.9
Stddev	.48	.17	5.	2.4
%RSD	4.648	.2512	.1225	.2920
#1	10.21	68.08	3812.	822.8
#2	10.91	67.85	3812.	826.6
#3	9.980	68.18	3820.	822.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3923.4	39835.	16250.
Stddev	.8	20.	169.
%RSD	.02140	.05142	1.0382
#1	3924.1	39855.	16442.
#2	3922.5	39835.	16181.
#3	3923.7	39814.	16126.

Sample Name: CCV Acquired: 5/23/2015 19:25:57 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121000.	2454.	1209.	9886.	976.6	120600.
Stddev	824.	24.	7.	76.	6.4	994.
%RSD	.6807	.9916	.5967	.7660	.6600	.8240

#1	121900.	2482.	1217.	9973.	983.9	121700.
#2	120500.	2437.	1203.	9836.	974.1	120300.
#3	120500.	2443.	1207.	9849.	971.8	119800.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1227.	2454.	4905.	12210.	98440.	48210.
Stddev	10.	17.	42.	83.	873.	290.
%RSD	.7846	.7109	.8566	.6815	.8863	.6009

#1	1238.	2474.	4952.	12310.	99450.	48540.
#2	1220.	2443.	4890.	12170.	97990.	48040.
#3	1222.	2444.	4872.	12160.	97890.	48040.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	120700.	4929.	122400.	2466.	7402.	980.7
Stddev	1035.	39.	981.	18.	54.	5.5
%RSD	.8569	.7986	.8016	.7360	.7320	.5581

#1	121900.	4974.	123500.	2486.	7464.	985.9
#2	120300.	4912.	121800.	2452.	7362.	975.0
#3	119900.	4902.	121800.	2459.	7380.	981.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 5/23/2015 19:25:57 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2447.	2526.	2445.	2445.	983.0	2413.
Stddev	16.	19.	21.	24.	4.7	17.
%RSD	.6485	.7685	.8791	.9853	.4799	.7011

#1	2464.	2548.	2470.	2472.	986.8	2432.
#2	2434.	2510.	2435.	2429.	977.8	2400.
#3	2442.	2521.	2431.	2432.	984.5	2406.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	989.5	4935.	9965.	9557.
Stddev	6.5	41.	75.	148.
%RSD	.6522	.8345	.7522	1.544

#1	996.6	4983.	10050.	9670.
#2	984.0	4909.	9921.	9390.
#3	988.0	4915.	9922.	9610.

Check ?	Chk Pass	Chk Pass	Chk Pass	None
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3601.7	36501.	15381.
Stddev	26.9	245.	160.
%RSD	.74710	.67099	1.0398

#1	3570.6	36236.	15304.
#2	3617.5	36550.	15275.
#3	3616.9	36719.	15565.

Sample Name: CCB Acquired: 5/23/2015 19:29:34 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	49.20	1.323	-4.869	.8724	.3141	16.94
Stddev	47.35	1.808	.3247	.2737	.3675	10.75
%RSD	96.23	136.7	66.68	31.37	117.0	63.43

#1	18.50	-.5121	-.5198	.9294	.1766	14.21
#2	103.7	1.377	-.1471	1.113	.7305	28.79
#3	25.38	3.102	-.7939	.5747	.0352	7.827

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1515	-.1951	.1993	1.238	17.39	15.90
Stddev	.0866	.0944	.5071	.714	18.26	8.75
%RSD	57.15	48.41	254.5	57.67	105.0	55.06

#1	.2474	-.2502	-.1737	1.033	13.57	9.998
#2	.1283	-.0860	.7766	2.031	37.27	25.95
#3	.0790	-.2491	-.0052	.6487	1.340	11.74

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15.42	1.161	41.82	.3871	-.9830	.2136
Stddev	10.55	.384	31.97	.2757	2.390	1.961
%RSD	68.42	33.07	76.44	71.23	243.1	918.1

#1	15.26	1.098	29.60	.6177	.2406	-.0314
#2	26.04	1.573	78.10	.4618	.5470	2.286
#3	4.950	.8129	17.76	.0817	-3.737	-1.613

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 5/23/2015 19:29:34 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.574	1.782	.4204	-.0424	1.233	.1601
Stddev	2.343	1.203	.3892	.1904	.097	.0478
%RSD	91.04	67.48	92.59	449.1	7.848	29.87
#1	.3622	.4275	.8475	.1747	1.324	.1794
#2	2.330	2.724	.0857	-.1210	1.245	.1953
#3	5.030	2.194	.3278	-.1809	1.131	.1057

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.6818	1.578	1.407	.5229
Stddev	.1565	1.652	.744	6.303
%RSD	22.95	104.7	52.85	1205.
#1	.7667	.7963	1.351	5.661
#2	.5012	3.475	2.177	-6.510
#3	.7775	.4608	.6930	2.418

Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3899.6	39922.	15757.
Stddev	12.0	182.	137.
%RSD	.30878	.45495	.87065
#1	3911.3	39994.	15715.
#2	3900.2	40056.	15910.
#3	3887.2	39715.	15646.

Sample Name: CCVL Acquired: 5/23/2015 19:33:27 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	209.6	16.22	9.543	209.2	2.112	4994.
Stddev	11.8	2.15	.729	1.2	.149	33.
%RSD	5.617	13.26	7.633	.5924	7.035	.6528

#1	222.4	17.04	9.839	207.9	2.155	4961.
#2	207.3	17.85	10.08	209.3	1.947	5026.
#3	199.2	13.78	8.713	210.4	2.234	4995.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.071	52.70	10.43	24.71	188.9	4751.
Stddev	.074	.31	.17	.55	4.1	48.
%RSD	1.821	.5934	1.589	2.218	2.147	1.019

#1	4.137	52.49	10.26	25.00	189.6	4696.
#2	3.991	53.06	10.45	24.08	184.6	4770.
#3	4.084	52.56	10.59	25.05	192.6	4787.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5013.	15.87	4867.	43.05	9.485	18.94
Stddev	34.	.05	18.	.58	3.241	1.03
%RSD	.6747	.3259	.3628	1.351	34.17	5.434

#1	4974.	15.93	4853.	42.43	7.635	17.88
#2	5038.	15.86	4861.	43.12	7.593	19.94
#3	5026.	15.83	4887.	43.59	13.23	19.00

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCVL Acquired: 5/23/2015 19:33:27 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21.22	23.85	50.02	35.11	48.87	19.85
Stddev	2.52	3.55	.27	.22	.44	.44
%RSD	11.86	14.90	.5333	.6268	.9067	2.231
#1	23.20	21.50	49.98	35.37	49.01	20.35
#2	18.39	27.93	49.78	34.99	49.23	19.69
#3	22.06	22.10	50.31	34.98	48.38	19.51

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	52.08	20.52	21.99	F 5.495
Stddev	1.31	.24	.17	4.029
%RSD	2.516	1.159	.7761	73.33
#1	53.06	20.76	21.98	2.962
#2	52.60	20.28	22.16	10.14
#3	50.59	20.52	21.82	3.381

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				200.0
Range				-30.50%

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3787.4	38577.	15342.
Stddev	1.9	298.	144.
%RSD	.04935	.77202	.93578
#1	3786.9	38866.	15499.
#2	3789.5	38271.	15310.
#3	3785.9	38596.	15218.

Sample Name: 460-95115-a-3-b@4 Acquired: 5/23/2015 19:37:17 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	87500.	48.16	-7689	305.1	5.757	5830.
Stddev	381.	2.10	.3319	2.0	.102	38.
%RSD	.4357	4.369	43.17	.6573	1.776	.6482
#1	87130.	50.46	-.4696	303.9	5.713	5802.
#2	87480.	47.67	-.7112	303.9	5.684	5815.
#3	87890.	46.34	-1.126	307.4	5.874	5873.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0277	51.21	89.37	79.20	126100.	4935.
Stddev	.2632	.34	.53	.70	751.	33.
%RSD	951.7	.6680	.5927	.8892	.5950	.6604
#1	-.3217	50.84	88.77	78.42	125800.	4899.
#2	.1858	51.51	89.58	79.41	125600.	4963.
#3	.0530	51.28	89.76	79.78	127000.	4944.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21040.	3505.	184.9	76.37	69.31	-5.528
Stddev	143.	19.	3.2	.80	.96	.843
%RSD	.6793	.5505	1.750	1.043	1.384	15.25
#1	20980.	3495.	181.5	75.53	69.24	-4.558
#2	20950.	3493.	185.4	76.49	68.39	-6.078
#3	21210.	3527.	187.9	77.11	70.30	-5.949

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-95115-a-3-b@4 Acquired: 5/23/2015 19:37:17 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.222	-6027	190.9	1135.	6.077	3.006
Stddev	3.947	3.308	1.3	6.	.397	.174
%RSD	322.9	548.9	.6979	.4889	6.532	5.793
#1	-3.114	-7978	189.6	1130.	6.466	3.186
#2	-3.867	-3.809	190.9	1133.	6.091	2.995
#3	3.314	2.799	192.3	1141.	5.673	2.838

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	9.064	65.74	3385.	897.9
Stddev	.745	.38	13.	7.7
%RSD	8.221	.5801	.3930	.8561
#1	9.730	65.37	3376.	896.4
#2	8.259	65.70	3380.	906.2
#3	9.204	66.13	3400.	891.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3968.3	40084.	16395.
Stddev	12.4	224.	26.
%RSD	.31297	.55762	.16050
#1	3955.0	39887.	16374.
#2	3979.5	40327.	16424.
#3	3970.4	40039.	16386.

Sample Name: 460-95115-a-4-b@4 Acquired: 5/23/2015 19:41:00 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	89140.	45.36	-7.7575	261.5	6.426	5532.
Stddev	174.	1.42	.2183	.2	.146	34.
%RSD	.1946	3.126	28.82	.0864	2.276	.6072
#1	88950.	45.51	-.9923	261.4	6.306	5505.
#2	89290.	46.69	-.5607	261.3	6.589	5522.
#3	89190.	43.87	-.7194	261.7	6.382	5570.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3956	51.17	78.09	69.42	128500.	4605.
Stddev	.1684	.15	.43	.23	277.	70.
%RSD	42.58	.2874	.5483	.3327	.2157	1.528
#1	-.3476	51.00	77.68	69.21	128400.	4528.
#2	-.2563	51.26	78.54	69.39	128300.	4665.
#3	-.5828	51.25	78.07	69.66	128800.	4623.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20620.	3585.	250.3	74.20	59.84	-5.597
Stddev	106.	5.	2.4	.57	1.24	1.554
%RSD	.5118	.1284	.9599	.7741	2.077	27.77
#1	20590.	3582.	250.4	74.59	58.81	-7.366
#2	20540.	3582.	252.6	74.48	59.49	-4.452
#3	20740.	3590.	247.8	73.54	61.22	-4.973

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-95115-a-4-b@4 Acquired: 5/23/2015 19:41:00 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0556	-.2779	199.8	798.1	4.566	2.372
Stddev	2.540	2.341	.6	2.0	.482	.361
%RSD	4571.	842.4	.3221	.2536	10.55	15.22
#1	2.593	.5481	199.5	796.9	4.034	1.961
#2	.0615	-2.920	199.5	800.4	4.691	2.518
#3	-2.488	1.538	200.6	796.9	4.973	2.638

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	10.39	49.22	3684.	785.9
Stddev	1.13	.21	1.	.8
%RSD	10.89	.4276	.0331	.0990
#1	9.193	48.98	3685.	785.8
#2	11.44	49.34	3684.	785.1
#3	10.52	49.34	3682.	786.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3855.7	38947.	15642.
Stddev	13.6	142.	72.
%RSD	.35381	.36475	.46222
#1	3840.4	38838.	15614.
#2	3860.3	39108.	15725.
#3	3866.5	38896.	15588.

Sample Name: 460-95115-e-5-d@4 Acquired: 5/23/2015 19:44:43 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	92680.	65.65	-4.788	350.6	6.948	6317.
Stddev	496.	.94	.3305	1.8	.051	52.
%RSD	.5347	1.437	69.03	.5137	.7384	.8173

#1	92340.	64.96	-.2910	348.5	6.912	6290.
#2	92460.	65.26	-.2850	351.4	6.925	6284.
#3	93250.	66.72	-.8604	351.8	7.007	6377.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0406	53.92	85.97	129.1	150500.	7562.
Stddev	.3636	.28	.65	.7	1006.	63.
%RSD	896.2	.5248	.7613	.5644	.6680	.8331

#1	.0327	54.11	86.01	128.3	150100.	7507.
#2	.2808	54.05	85.30	129.8	149800.	7549.
#3	-.4353	53.59	86.61	129.2	151700.	7631.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22710.	3934.	244.2	93.78	74.01	-5.893
Stddev	142.	23.	1.6	.56	.98	.784
%RSD	.6252	.5821	.6700	.5943	1.324	13.30

#1	22650.	3920.	244.3	94.30	73.00	-5.267
#2	22600.	3922.	242.5	93.19	74.07	-6.772
#3	22870.	3960.	245.8	93.85	74.96	-5.640

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-95115-e-5-d@4 Acquired: 5/23/2015 19:44:43 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-4.354	.3744	194.8	1189.	5.895	2.921
Stddev	5.253	1.041	.8	2.	.354	.111
%RSD	120.7	278.0	.4287	.1649	6.011	3.810
#1	-8.921	-.4463	193.9	1191.	6.288	2.937
#2	1.387	1.545	195.1	1188.	5.799	2.802
#3	-5.527	.0243	195.5	1188.	5.600	3.023

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	10.47	43.03	3773.	816.4
Stddev	.44	.47	14.	10.8
%RSD	4.177	1.096	.3635	1.326
#1	10.51	42.52	3760.	808.1
#2	10.01	43.12	3770.	812.4
#3	10.88	43.45	3787.	828.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3955.2	39772.	16200.
Stddev	20.7	246.	192.
%RSD	.52226	.61884	1.1821
#1	3931.7	39631.	15980.
#2	3963.1	40056.	16328.
#3	3970.7	39628.	16292.

Sample Name: 460-95115-a-6-b@4 Acquired: 5/23/2015 19:48:26 Type: Unk

Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	86440.	46.86	-3654	377.9	5.654	6610.
Stddev	55.	2.87	.7763	.3	.070	46.
%RSD	.0635	6.118	212.5	.0812	1.245	.7025

#1	86400.	44.16	-1.215	378.0	5.735	6562.
#2	86500.	49.87	-1.884	378.2	5.608	6655.
#3	86420.	46.56	.3072	377.6	5.618	6612.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5985	43.80	87.41	67.21	125100.	3319.
Stddev	.0627	.02	1.05	.49	314.	44.
%RSD	10.47	.0460	1.207	.7244	.2507	1.315

#1	.6573	43.78	86.21	66.64	125000.	3285.
#2	.6056	43.82	88.20	67.47	125400.	3368.
#3	.5325	43.81	87.80	67.51	124900.	3304.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19770.	3861.	215.6	72.50	84.34	-4.185
Stddev	91.	10.	7.3	.48	2.17	.869
%RSD	.4586	.2577	3.377	.6564	2.578	20.76

#1	19710.	3853.	211.4	72.41	83.80	-3.479
#2	19870.	3872.	224.0	73.02	82.48	-3.921
#3	19730.	3857.	211.3	72.08	86.73	-5.155

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-95115-a-6-b@4 Acquired: 5/23/2015 19:48:26 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.052	-6953	179.0	1931.	5.585	3.030
Stddev	4.137	2.286	.6	7.	.454	.201
%RSD	135.6	328.7	.3175	.3721	8.129	6.619
#1	-5.130	.9575	178.4	1924.	5.971	2.985
#2	1.713	-3.304	179.4	1938.	5.700	2.855
#3	-5.738	.2603	179.4	1931.	5.085	3.249

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	9.050	53.52	2926.	979.1
Stddev	.263	.24	3.	14.7
%RSD	2.902	.4455	.0985	1.499
#1	8.824	53.27	2923.	962.1
#2	9.338	53.55	2929.	986.5
#3	8.988	53.74	2925.	988.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3968.2	40023.	16359.
Stddev	7.4	80.	123.
%RSD	.18752	.19879	.75253
#1	3974.5	40048.	16271.
#2	3960.0	39934.	16307.
#3	3970.0	40088.	16500.

Sample Name: 460-95115-a-7-b@4 Acquired: 5/23/2015 19:52:09 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	90320.	44.21	-.9171	294.9	5.412	4885.
Stddev	115.	2.03	.4847	.3	.026	25.
%RSD	.1275	4.596	52.85	.0872	.4827	.5163

#1	90270.	45.31	-.6330	294.7	5.427	4858.
#2	90450.	41.87	-.6416	295.2	5.428	4888.
#3	90240.	45.46	-1.477	295.0	5.382	4908.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3490	45.57	81.69	81.04	124300.	4353.
Stddev	.0958	.51	1.14	.60	423.	16.
%RSD	27.44	1.112	1.400	.7400	.3406	.3737

#1	-.2555	46.15	80.81	81.30	123900.	4359.
#2	-.3445	45.21	81.27	80.35	124300.	4334.
#3	-.4469	45.34	82.98	81.46	124700.	4365.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20310.	2564.	198.7	77.51	55.93	-5.641
Stddev	102.	9.	3.0	.63	2.25	.788
%RSD	.5017	.3403	1.517	.8078	4.031	13.97

#1	20230.	2555.	198.1	76.79	54.54	-6.293
#2	20270.	2564.	196.1	77.77	58.53	-4.765
#3	20420.	2573.	202.0	77.96	54.72	-5.864

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-95115-a-7-b@4 Acquired: 5/23/2015 19:52:09 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.804	2.752	187.2	770.5	6.572	2.658
Stddev	5.503	1.462	1.4	2.6	.844	.327
%RSD	305.0	53.12	.7373	.3367	12.84	12.30
#1	-8.159	1.698	186.7	767.8	5.607	2.281
#2	1.382	4.421	186.2	770.7	6.939	2.860
#3	1.364	2.138	188.8	773.0	7.170	2.834

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	10.25	69.48	3520.	879.9
Stddev	.50	.09	3.	16.9
%RSD	4.903	.1334	.0870	1.926
#1	9.674	69.40	3517.	897.1
#2	10.56	69.58	3521.	863.2
#3	10.53	69.46	3523.	879.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3886.2	39243.	15955.
Stddev	4.2	163.	70.
%RSD	.10746	.41452	.43625
#1	3885.3	39376.	16009.
#2	3890.8	39290.	15876.
#3	3882.6	39062.	15978.

Sample Name: 460-95115-a-8-b@4 Acquired: 5/23/2015 19:55:53 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	84630.	46.86	.6509	404.4	5.487	8036.
Stddev	120.	1.43	.1272	1.1	.087	36.
%RSD	.1418	3.056	19.54	.2787	1.595	.4486

#1	84760.	46.92	.5795	404.0	5.568	8070.
#2	84620.	45.39	.7977	405.7	5.500	7998.
#3	84520.	48.25	.5754	403.6	5.394	8039.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.104	43.27	82.73	61.65	108500.	3101.
Stddev	.021	.25	.83	.20	309.	24.
%RSD	1.874	.5684	1.007	.3216	.2844	.7628

#1	1.113	42.99	82.59	61.64	108700.	3127.
#2	1.081	43.37	83.62	61.86	108700.	3081.
#3	1.119	43.46	81.97	61.46	108200.	3094.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17060.	4670.	194.2	67.06	99.84	-5.410
Stddev	51.	13.	2.9	.59	.38	2.366
%RSD	.3011	.2830	1.500	.8856	.3851	43.72

#1	17090.	4678.	196.1	67.66	99.42	-5.780
#2	17090.	4676.	190.8	67.04	99.95	-7.569
#3	17000.	4654.	195.7	66.48	100.2	-2.882

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-95115-a-8-b@4 Acquired: 5/23/2015 19:55:53 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.684	.8509	166.4	2200.	5.579	3.264
Stddev	1.844	1.554	.4	8.	.622	.452
%RSD	68.69	182.6	.2671	.3683	11.16	13.84
#1	.5639	-.6721	166.9	2200.	5.157	3.179
#2	3.578	2.434	166.2	2207.	5.285	3.752
#3	3.912	.7907	166.1	2191.	6.294	2.861

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	8.904	57.04	2894.	952.7
Stddev	.858	.20	5.	4.8
%RSD	9.637	.3441	.1816	.5009
#1	8.981	56.86	2896.	948.3
#2	9.721	57.25	2897.	952.2
#3	8.010	57.01	2888.	957.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4073.1	40900.	16682.
Stddev	7.0	260.	155.
%RSD	.17197	.63690	.92677
#1	4070.7	40686.	16504.
#2	4067.6	40824.	16765.
#3	4081.0	41190.	16777.

Sample Name: 460-95115-a-9-b@4 Acquired: 5/23/2015 19:59:36 Type: Unk

Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	89030.	37.65	-.1309	344.7	5.104	5427.
Stddev	540.	1.25	.2026	.7	.117	26.
%RSD	.6064	3.318	154.8	.1974	2.291	.4782

#1	88510.	38.85	-.2726	344.3	5.028	5399.
#2	88980.	36.36	-.2212	344.3	5.044	5450.
#3	89590.	37.74	.1012	345.5	5.238	5433.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0525	49.85	85.09	95.38	119100.	3027.
Stddev	.1444	.50	.29	.47	390.	36.
%RSD	274.8	1.006	.3362	.4890	.3277	1.180

#1	-.2109	49.32	84.91	94.84	118600.	2993.
#2	-.0185	49.93	84.95	95.68	119400.	3024.
#3	.0718	50.32	85.42	95.61	119100.	3064.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22530.	2983.	187.8	79.84	61.13	-4.670
Stddev	114.	10.	4.3	.66	.31	1.598
%RSD	.5053	.3514	2.300	.8236	.5019	34.21

#1	22410.	2971.	183.4	79.99	60.79	-6.434
#2	22640.	2990.	192.0	80.41	61.23	-4.257
#3	22540.	2988.	188.1	79.12	61.38	-3.320

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-95115-a-9-b@4 Acquired: 5/23/2015 19:59:36 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.786	.4745	171.7	984.5	4.414	2.611
Stddev	2.602	2.762	.7	2.6	.611	.215
%RSD	93.37	582.2	.4306	.2667	13.84	8.219
#1	5.728	3.624	170.9	981.4	4.995	2.517
#2	.7902	-.6637	172.3	986.2	4.471	2.856
#3	1.840	-1.537	172.0	985.8	3.777	2.459

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	8.843	52.23	3161.	952.6
Stddev	.206	.43	12.	7.7
%RSD	2.333	.8320	.3842	.8095
#1	8.644	51.76	3148.	943.8
#2	8.830	52.33	3166.	958.4
#3	9.056	52.61	3171.	955.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3950.6	39827.	16285.
Stddev	10.9	271.	132.
%RSD	.27603	.68117	.81290
#1	3939.0	39584.	16222.
#2	3952.1	39777.	16437.
#3	3960.7	40120.	16196.

Sample Name: 460-95115-e-10-d@4 Acquired: 5/23/2015 20:03:20 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	44370.	44.08	-14.99	198.7	4.029	9852.
Stddev	47.	1.79	.25	.7	.035	91.
%RSD	.1062	4.060	1.662	.3342	.8731	.9196

#1	44370.	43.65	-14.85	198.9	4.033	9775.
#2	44420.	46.05	-14.85	199.2	4.062	9828.
#3	44330.	42.55	-15.28	197.9	3.992	9952.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6756	40.53	64.29	106.3	100900.	6007.
Stddev	.1397	.27	.16	.3	739.	35.
%RSD	20.68	.6682	.2516	.2496	.7317	.5901

#1	.5686	40.80	64.16	106.2	100400.	6010.
#2	.6244	40.26	64.24	106.6	100600.	6041.
#3	.8336	40.52	64.47	106.2	101800.	5970.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18510.	2707.	312.8	64.77	53.76	-4.527
Stddev	124.	14.	3.5	.58	.30	2.058
%RSD	.6709	.5098	1.115	.9016	.5611	45.45

#1	18440.	2695.	308.9	64.38	53.74	-5.287
#2	18440.	2703.	314.3	64.49	53.47	-2.197
#3	18660.	2722.	315.3	65.44	54.07	-6.096

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-95115-e-10-d@4 Acquired: 5/23/2015 20:03:20 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.873	.6372	127.6	844.5	5.362	1.310
Stddev	2.234	.9290	1.2	3.5	.089	.325
%RSD	119.3	145.8	.9038	.4111	1.666	24.78
#1	-2.253	.3478	126.5	842.6	5.344	1.327
#2	.5269	1.677	127.5	842.4	5.282	.9772
#3	-3.892	-.1125	128.8	848.5	5.458	1.626

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	9.249	36.79	2566.	775.4
Stddev	.987	.14	6.	14.4
%RSD	10.68	.3900	.2175	1.854
#1	10.16	36.66	2560.	777.9
#2	9.379	36.94	2568.	788.4
#3	8.203	36.76	2570.	760.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3932.2	40225.	16201.
Stddev	7.0	404.	102.
%RSD	.17778	1.0045	.62917
#1	3937.1	40446.	16258.
#2	3935.4	40471.	16083.
#3	3924.2	39759.	16261.

Sample Name: 460-95115-a-11-b@4 Acquired: 5/23/2015 20:07:03 Type: Unk

Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	81470.	42.91	-6039	308.6	4.909	10880.
Stddev	236.	1.91	.6156	1.0	.061	31.
%RSD	.2896	4.458	101.9	.3094	1.239	.2849

#1	81470.	40.97	-1.195	308.0	4.946	10910.
#2	81710.	42.98	.0332	308.1	4.941	10880.
#3	81230.	44.80	-.6495	309.7	4.839	10850.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2584	46.82	75.95	54.42	114800.	3265.
Stddev	.1323	.15	.88	.32	447.	29.
%RSD	51.22	.3181	1.153	.5945	.3895	.8904

#1	.1106	46.69	76.23	54.48	115300.	3231.
#2	.2983	46.79	76.66	54.07	114700.	3282.
#3	.3661	46.98	74.97	54.71	114400.	3281.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20360.	3543.	290.6	64.52	81.29	-6.732
Stddev	50.	8.	3.9	1.11	2.90	1.318
%RSD	.2443	.2343	1.350	1.714	3.564	19.57

#1	20410.	3552.	294.2	64.24	77.95	-5.605
#2	20360.	3541.	286.5	65.74	82.87	-6.410
#3	20310.	3535.	291.2	63.58	83.06	-8.180

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-95115-a-11-b@4 Acquired: 5/23/2015 20:07:03 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.6088	2.630	187.5	1487.	4.880	2.695
Stddev	1.305	2.210	.7	9.	.170	.231
%RSD	214.4	84.01	.3704	.6146	3.489	8.587
#1	.7461	4.530	187.7	1496.	4.791	2.959
#2	-.7144	3.155	188.0	1488.	4.772	2.527
#3	-1.858	.2053	186.7	1478.	5.076	2.598

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	9.254	56.58	2957.	887.1
Stddev	.147	.16	8.	8.8
%RSD	1.594	.2800	.2545	.9890
#1	9.325	56.44	2966.	883.4
#2	9.353	56.56	2953.	880.7
#3	9.085	56.76	2952.	897.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3970.1	39771.	16094.
Stddev	26.8	340.	264.
%RSD	.67524	.85500	1.6375
#1	3941.7	39496.	16076.
#2	3973.6	39665.	15839.
#3	3995.0	40151.	16366.

Sample Name: 460-95115-a-12-b@4 Acquired: 5/23/2015 20:10:47 Type: Unk

Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	83850.	45.05	.1617	365.5	5.085	7685.
Stddev	67.	3.14	.0914	.8	.065	45.
%RSD	.0800	6.976	56.52	.2059	1.271	.5810

#1	83780.	48.52	.1032	365.0	5.054	7723.
#2	83910.	42.39	.2669	366.3	5.159	7636.
#3	83850.	44.25	.1149	365.1	5.041	7697.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.9283	41.76	81.30	59.80	107400.	3206.
Stddev	.2492	.20	.80	.69	183.	33.
%RSD	26.84	.4672	.9825	1.156	.1708	1.031

#1	.9473	41.75	80.44	59.00	107500.	3209.
#2	.6701	41.96	81.44	60.21	107500.	3171.
#3	1.167	41.57	82.02	60.18	107200.	3237.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18310.	4209.	196.2	69.46	95.25	-4.763
Stddev	32.	6.	4.0	.70	2.01	2.248
%RSD	.1736	.1318	2.028	1.003	2.107	47.20

#1	18310.	4213.	199.9	70.07	93.25	-2.189
#2	18330.	4211.	192.0	69.62	95.25	-6.344
#3	18270.	4203.	196.7	68.70	97.26	-5.756

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-95115-a-12-b@4 Acquired: 5/23/2015 20:10:47 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.441	.3296	157.0	2118.	6.556	3.031
Stddev	2.837	.6522	.5	10.	.254	.220
%RSD	196.9	197.9	.3248	.4625	3.868	7.243
#1	-1.590	-.0144	156.6	2127.	6.692	3.060
#2	4.034	1.082	156.8	2121.	6.263	2.798
#3	1.878	-.0785	157.5	2108.	6.712	3.234
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	10.82	56.46	2838.	994.0
Stddev	1.13	.35	3.	19.7
%RSD	10.39	.6214	.1224	1.979
#1	12.02	56.07	2835.	972.5
#2	9.785	56.55	2836.	998.6
#3	10.67	56.75	2842.	1011.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4027.0	40574.	16490.
Stddev	22.8	308.	226.
%RSD	.56578	.75942	1.3710
#1	4011.5	40307.	16252.
#2	4016.4	40503.	16517.
#3	4053.1	40911.	16702.

Sample Name: CCV Acquired: 5/23/2015 20:14:32 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121300.	2486.	1209.	9914.	979.4	120200.
Stddev	182.	8.	3.	3.	1.8	917.
%RSD	.1502	.3309	.2844	.0339	.1829	.7625

#1	121100.	2494.	1207.	9912.	978.0	119300.
#2	121400.	2477.	1213.	9917.	981.4	121100.
#3	121300.	2486.	1207.	9911.	978.8	120200.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1235.	2466.	4887.	12280.	98100.	48430.
Stddev	2.	2.	26.	66.	498.	116.
%RSD	.1935	.0976	.5295	.5379	.5074	.2395

#1	1235.	2468.	4865.	12360.	97580.	48340.
#2	1237.	2466.	4915.	12240.	98580.	48560.
#3	1232.	2463.	4881.	12250.	98130.	48410.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	120700.	4927.	122900.	2475.	7448.	991.7
Stddev	800.	24.	90.	1.	16.	2.7
%RSD	.6623	.4863	.0732	.0605	.2194	.2756

#1	119900.	4903.	122800.	2475.	7452.	993.3
#2	121400.	4951.	123000.	2476.	7461.	988.5
#3	120800.	4928.	122900.	2473.	7430.	993.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 5/23/2015 20:14:32 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2481.	2529.	2448.	2450.	990.9	2417.
Stddev	16.	15.	5.	5.	2.6	4.
%RSD	.6315	.5781	.2181	.2026	.2584	.1581

#1	2485.	2535.	2444.	2450.	993.3	2418.
#2	2495.	2539.	2454.	2455.	991.1	2413.
#3	2465.	2512.	2445.	2446.	988.2	2420.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	995.1	4990.	9979.	9628.
Stddev	6.9	26.	19.	117.
%RSD	.6964	.5258	.1896	1.215

#1	998.3	4976.	9971.	9760.
#2	999.9	5021.	10000.	9536.
#3	987.2	4975.	9965.	9589.

Check ?	Chk Pass	Chk Pass	Chk Pass	None
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3605.5	36729.	15502.
Stddev	1.6	313.	254.
%RSD	.04299	.85108	1.6359

#1	3603.7	37076.	15795.
#2	3606.3	36470.	15360.
#3	3606.5	36639.	15351.

Sample Name: CCB Acquired: 5/23/2015 20:18:09 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19.88	1.429	.0077	.8319	.1312	65.32
Stddev	5.20	1.351	.7618	.6844	.0579	93.14
%RSD	26.15	94.49	9957.	82.26	44.10	142.6
#1	23.36	.3845	.8854	.7063	.1716	172.9
#2	22.38	2.954	-.4811	1.570	.0649	10.09
#3	13.91	.9491	-.3813	.2191	.1572	13.02

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2117	-.2990	2.209	5.975	57.84	-14.37
Stddev	.1474	.1682	3.586	9.337	71.34	30.34
%RSD	69.65	56.27	162.3	156.3	123.3	211.2
#1	.0919	-.4307	6.349	16.76	139.9	-1.270
#2	.3763	-.1095	.2279	.6369	10.30	7.227
#3	.1668	-.3568	.0517	.5315	23.36	-49.06

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	59.74	3.252	11.45	.3820	-.7759	.2307
Stddev	89.17	4.120	13.94	.8345	.0316	.9775
%RSD	149.3	126.7	121.8	218.5	4.078	423.8
#1	162.7	8.010	24.42	.1963	-.7896	1.036
#2	9.186	.8236	13.21	-.3440	-.7397	-.8567
#3	7.343	.9235	-3.288	1.294	-.7984	.5123

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 5/23/2015 20:18:09 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.792	2.017	1.173	.0731	1.174	.2353
Stddev	4.044	1.831	1.844	.1855	.532	.2681
%RSD	84.38	90.77	157.2	253.7	45.30	113.9
#1	3.247	3.987	3.287	.2331	1.759	.4533
#2	1.749	1.697	.3372	.1166	.7189	.3168
#3	9.381	.3674	-.1044	-.1303	1.045	-.0641

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.8993	.3966	5.380	2.326
Stddev	.5502	.3046	7.836	9.677
%RSD	61.18	76.79	145.6	416.1
#1	1.075	.7456	14.43	.2026
#2	.2828	.2599	.7884	12.89
#3	1.340	.1844	.9247	-6.113

Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3868.6	39677.	15563.
Stddev	12.7	141.	58.
%RSD	.32893	.35605	.37211
#1	3871.6	39680.	15504.
#2	3879.5	39535.	15565.
#3	3854.6	39817.	15620.

Sample Name: CCVL Acquired: 5/23/2015 20:22:01 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	200.2	15.81	9.939	204.1	2.083	4899.
Stddev	23.5	1.77	.326	.3	.125	26.
%RSD	11.73	11.17	3.278	.1633	5.997	.5381

#1	220.6	15.26	9.696	204.0	2.213	4869.
#2	205.6	17.78	10.31	203.8	2.074	4917.
#3	174.5	14.38	9.811	204.5	1.963	4912.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.993	51.46	9.735	24.30	185.7	4679.
Stddev	.116	.20	.269	.07	6.4	7.
%RSD	2.912	.3806	2.761	.2723	3.447	.1536

#1	4.081	51.25	9.848	24.26	178.7	4672.
#2	3.861	51.49	9.929	24.27	187.1	4681.
#3	4.037	51.64	9.428	24.38	191.2	4685.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4943.	15.53	4780.	41.78	9.861	18.76
Stddev	30.	.19	5.	.81	.835	2.21
%RSD	.6077	1.203	.1123	1.948	8.467	11.80

#1	4910.	15.34	4781.	42.19	10.82	18.92
#2	4951.	15.54	4774.	42.31	9.398	20.89
#3	4969.	15.72	4784.	40.84	9.361	16.47

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCVL Acquired: 5/23/2015 20:22:01 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23.23	24.64	48.84	34.49	48.07	19.24
Stddev	2.29	1.11	.72	.26	.52	.08
%RSD	9.852	4.509	1.468	.7443	1.073	.3949
#1	22.89	24.19	48.35	34.26	47.54	19.33
#2	25.67	25.91	49.66	34.77	48.58	19.21
#3	21.13	23.83	48.51	34.45	48.08	19.19

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	51.69	20.14	21.59	F 1.949
Stddev	1.11	.32	.19	4.982
%RSD	2.153	1.581	.8847	255.6
#1	52.73	20.50	21.38	6.319
#2	50.52	20.01	21.67	-3.476
#3	51.83	19.90	21.74	3.004

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				200.0
Range				-30.50%

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3833.0	39134.	15558.
Stddev	3.0	53.	53.
%RSD	.07722	.13434	.34034
#1	3835.1	39188.	15615.
#2	3834.3	39131.	15510.
#3	3829.6	39083.	15550.

Sample Name: mb 460-300521/1-a Acquired: 5/23/2015 20:25:51 Type: QC

Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.740	1.166	-4.085	.1676	.1269	10.10
Stddev	17.33	.603	.5388	.3205	.1095	5.85
%RSD	224.0	51.70	131.9	191.3	86.28	57.88

#1	27.37	1.717	-.2054	.2831	.1922	15.87
#2	-5.476	.5219	-1.019	.4143	.1880	4.181
#3	1.329	1.260	-.0009	-.1947	.0005	10.25

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1196	-.1590	-.2269	.0303	7.055	12.97
Stddev	.1014	.0960	.4057	.3515	5.060	18.99
%RSD	84.72	60.35	178.8	1158.	71.73	146.5

#1	.1667	-.0645	.1772	-.3709	1.968	34.79
#2	.1889	-.1562	-.2237	.2834	12.09	3.900
#3	.0033	-.2563	-.6341	.1786	7.109	.2078

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.728	.0344	2.849	.3084	-2.376	2.490
Stddev	7.703	.0583	6.501	.1545	2.179	1.919
%RSD	445.9	169.6	228.2	50.10	91.70	77.08

#1	7.162	-.0272	6.320	.4859	-1.920	.4112
#2	-5.918	.0887	6.877	.2353	-4.746	4.194
#3	-6.428	.0416	-4.651	.2040	-.4612	2.863

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-300521/1-a Acquired: 5/23/2015 20:25:51 Type: QC

Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.123	.9636	.3534	1.502	2.206	.1424
Stddev	.461	1.619	.0774	.130	.306	.1774
%RSD	11.18	168.0	21.91	8.655	13.87	124.6

#1	4.648	2.294	.2879	1.625	2.353	.0225
#2	3.784	-.8386	.4389	1.366	2.411	.3462
#3	3.938	1.436	.3335	1.517	1.855	.0585

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.053	.0636	-.0384	29.01
Stddev	.220	.0445	.0655	4.34
%RSD	20.89	69.88	170.5	14.97

#1	1.109	.0848	-.0948	32.27
#2	1.240	.0125	-.0538	30.69
#3	.8106	.0936	.0334	24.08

Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3794.6	39336.	15344.
Stddev	11.4	87.	129.
%RSD	.30136	.22014	.83927

#1	3781.4	39377.	15464.
#2	3801.2	39236.	15208.
#3	3801.3	39394.	15362.

Sample Name: lcs 460-300521/2-a Acquired: 5/23/2015 20:29:42 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2113.	2087.	56.31	2173.	54.71	21100.
Stddev	11.	4.	.67	4.	.31	73.
%RSD	.5420	.1896	1.184	.1614	.5610	.3461
#1	2119.	2091.	56.03	2176.	54.63	21040.
#2	2120.	2083.	55.82	2173.	54.45	21180.
#3	2099.	2087.	57.07	2169.	55.05	21080.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	54.71	554.7	222.5	268.0	1105.	19380.
Stddev	.31	2.9	.7	.3	6.	62.
%RSD	.5578	.5260	.3141	.1045	.5252	.3223
#1	54.93	555.7	221.8	267.8	1105.	19310.
#2	54.84	556.9	223.2	268.3	1099.	19430.
#3	54.36	551.4	222.4	268.0	1110.	19400.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21070.	549.4	21070.	563.5	563.4	498.9
Stddev	88.	1.6	55.	1.2	3.3	2.3
%RSD	.4164	.2904	.2625	.2104	.5858	.4547
#1	21020.	548.0	21010.	564.6	562.1	500.7
#2	21170.	551.1	21110.	563.6	567.1	499.7
#3	21020.	549.2	21100.	562.2	560.9	496.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-300521/2-a Acquired: 5/23/2015 20:29:42 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2104.	2387.	544.7	553.2	533.4	521.1
Stddev	3.	7.	2.7	1.9	2.6	1.2
%RSD	.1381	.2837	.4995	.3430	.4887	.2243

#1	2101.	2381.	541.5	552.4	533.4	519.9
#2	2103.	2394.	546.1	551.8	536.0	521.1
#3	2107.	2385.	546.4	555.4	530.7	522.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	551.1	539.4	548.4	88.58
Stddev	2.0	.7	.7	8.59
%RSD	.3555	.1378	.1197	9.698

#1	549.4	538.6	547.6	97.21
#2	550.7	539.5	548.7	88.49
#3	553.2	540.0	548.8	80.03

Check ?	Chk Pass	Chk Pass	Chk Pass	None
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3689.4	37599.	15117.
Stddev	3.3	107.	129.
%RSD	.09073	.28379	.85623

#1	3685.7	37698.	15262.
#2	3692.2	37486.	15015.
#3	3690.2	37612.	15073.

Sample Name: 460-94855-a-1-a du Acquired: 5/23/2015 20:33:16 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	33.30	-.0083	-.5068	87.06	.3121	21900.
Stddev	6.16	.4428	.2527	.52	.1465	27.
%RSD	18.50	5360.	49.86	.6027	46.94	.1224
#1	26.66	.0667	-.7570	86.98	.2235	21880.
#2	38.82	.3923	-.2518	86.58	.4812	21930.
#3	34.43	-.4837	-.5116	87.62	.2316	21890.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3358	12.05	-.2017	9.879	1592.	9668.
Stddev	.0853	.12	.5680	.129	8.	116.
%RSD	25.40	.9810	281.6	1.304	.4917	1.201
#1	.3437	11.96	-.7205	10.03	1584.	9536.
#2	.4169	12.00	.4052	9.809	1600.	9714.
#3	.2469	12.18	-.2898	9.802	1592.	9754.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6013.	412.7	100400.	7.705	2.622	.8340
Stddev	4.	.7	161.	.248	.895	.3263
%RSD	.0647	.1655	.1601	3.213	34.14	39.12
#1	6009.	412.3	100200.	7.927	3.529	.9059
#2	6016.	413.5	100400.	7.751	1.739	.4777
#3	6015.	412.3	100500.	7.438	2.599	1.118

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94855-a-1-a du Acquired: 5/23/2015 20:33:16 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.028	2.373	.3184	129.8	161.5	-.0048
Stddev	2.001	1.046	.0237	.2	.4	.1736
%RSD	49.68	44.07	7.443	.1167	.2719	3580.
#1	2.259	1.510	.3249	129.7	161.4	.1395
#2	3.625	3.536	.3382	130.0	162.0	-.1974
#3	6.200	2.073	.2922	129.7	161.1	.0434

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.8209	94.47	1.940	2049.
Stddev	.6709	.09	.055	13.
%RSD	81.73	.0912	2.835	.6290
#1	1.596	94.37	2.003	2036.
#2	.4258	94.52	1.918	2049.
#3	.4413	94.51	1.900	2061.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3732.4	37628.	15400.
Stddev	14.5	119.	47.
%RSD	.38755	.31560	.30426
#1	3720.8	37631.	15434.
#2	3727.9	37508.	15419.
#3	3748.6	37745.	15347.

Sample Name: 460-94855-d-1-a Acquired: 5/23/2015 20:37:05 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	43.65	.4702	-.3707	89.31	.3948	22400.
Stddev	11.91	.8689	.2269	.17	.0471	189.
%RSD	27.28	184.8	61.21	.1921	11.93	.8418
#1	41.09	.1762	-.6291	89.42	.4205	22200.
#2	33.23	1.448	-.2790	89.11	.3404	22440.
#3	56.63	-.2136	-.2040	89.38	.4234	22570.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2324	12.00	.2427	9.764	1634.	9920.
Stddev	.1803	.18	.2939	.101	24.	60.
%RSD	77.60	1.478	121.1	1.030	1.439	.6001
#1	.2807	11.82	.2181	9.786	1606.	9853.
#2	.3837	11.99	-.0382	9.851	1646.	9965.
#3	.0328	12.18	.5481	9.654	1648.	9942.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6166.	422.8	103100.	7.106	2.074	1.117
Stddev	80.	1.7	280.	.993	2.326	1.267
%RSD	1.293	.4127	.2720	13.98	112.2	113.4
#1	6076.	420.9	102700.	8.065	2.440	1.169
#2	6196.	423.2	103100.	6.082	-.4133	2.357
#3	6227.	424.3	103300.	7.172	4.195	-.1747

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94855-d-1-a Acquired: 5/23/2015 20:37:05 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2666	2.031	.0746	134.4	165.8	.1592
Stddev	2.927	1.328	.4046	.3	.2	.1454
%RSD	1098.	65.36	542.7	.2225	.1395	91.36
#1	-2.423	.9144	-.2958	134.4	165.8	.0257
#2	-.1613	3.499	.0131	134.1	165.6	.3142
#3	3.384	1.680	.5064	134.7	166.0	.1376

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.7776	97.12	1.826	2142.
Stddev	1.291	.20	.005	13.
%RSD	166.0	.2019	.2660	.5858
#1	2.267	97.00	1.824	2157.
#2	-.0215	97.35	1.832	2135.
#3	.0872	97.01	1.823	2135.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3710.8	37561.	15407.
Stddev	4.8	329.	233.
%RSD	.12950	.87682	1.5124
#1	3705.4	37900.	15675.
#2	3714.7	37541.	15253.
#3	3712.2	37243.	15294.

Sample Name: sd 460-94855-d-1-a@5 Acquired: 5/23/2015 20:40:53 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13.91	1.106	-4668	17.85	.1401	4636.
Stddev	7.38	1.983	.2321	.37	.0991	24.
%RSD	53.04	179.3	49.73	2.060	70.77	.5126
#1	22.03	-.0315	-.6876	18.25	.1471	4614.
#2	12.05	-.0464	-.2248	17.77	.0376	4634.
#3	7.635	3.395	-.4878	17.52	.2355	4661.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2131	2.387	.0783	1.707	343.2	2018.
Stddev	.1048	.059	.0840	.208	14.8	7.
%RSD	49.19	2.485	107.4	12.18	4.317	.3455
#1	.2794	2.338	.1402	1.568	330.9	2012.
#2	.2676	2.369	-.0174	1.607	339.2	2015.
#3	.0923	2.453	.1120	1.946	359.7	2026.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1268.	87.25	20650.	1.403	-.5252	.8615
Stddev	6.	.28	27.	.237	3.656	1.374
%RSD	.4660	.3212	.1331	16.90	696.0	159.5
#1	1267.	86.93	20660.	1.135	3.316	-.3541
#2	1263.	87.40	20610.	1.486	-3.961	.5858
#3	1275.	87.42	20660.	1.587	-.9302	2.353

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-94855-d-1-a@5 Acquired: 5/23/2015 20:40:53 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.779	1.119	-.2355	27.25	33.75	.1157
Stddev	2.789	2.237	.1686	.28	.27	.0693
%RSD	58.36	199.9	71.58	1.032	.8060	59.93
#1	7.678	1.410	-.4252	27.43	33.51	.0362
#2	2.115	-1.250	-.1025	26.93	33.69	.1470
#3	4.544	3.197	-.1789	27.41	34.04	.1638

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.0045	19.67	.5334	408.2
Stddev	.4995	.15	.1498	7.4
%RSD	11040.	.7433	28.08	1.819
#1	-.1761	19.51	.4250	409.3
#2	.5581	19.70	.4709	415.0
#3	-.3956	19.79	.7043	400.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3779.6	38399.	15161.
Stddev	16.7	174.	58.
%RSD	.44095	.45247	.37993
#1	3766.1	38523.	15208.
#2	3774.4	38474.	15179.
#3	3798.2	38200.	15097.

Sample Name: 460-94855-a-1-b.ms Acquired: 5/23/2015 20:44:44 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2072.	2086.	55.03	2192.	53.48	42400.
Stddev	21.	6.	.81	4.	.39	17.
%RSD	1.027	.2855	1.468	.1732	.7343	.0391

#1	2050.	2079.	54.12	2190.	53.42	42390.
#2	2093.	2090.	55.30	2196.	53.12	42400.
#3	2073.	2089.	55.67	2189.	53.90	42420.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	52.98	545.9	215.5	270.6	2663.	28830.
Stddev	.27	2.8	1.1	2.4	14.	92.
%RSD	.5069	.5162	.5206	.8993	.5445	.3198

#1	52.90	545.5	214.3	268.4	2660.	28730.
#2	53.28	549.0	215.9	270.2	2679.	28910.
#3	52.76	543.4	216.4	273.2	2651.	28860.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26120.	941.9	122000.	549.0	538.4	491.0
Stddev	26.	.9	185.	2.8	2.6	1.2
%RSD	.1004	.0936	.1515	.5043	.4848	.2478

#1	26100.	941.3	121900.	547.7	536.4	490.7
#2	26110.	942.9	121900.	552.2	537.5	489.9
#3	26150.	941.5	122300.	547.2	541.3	492.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94855-a-1-b.ms Acquired: 5/23/2015 20:44:44 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2075.	2242.	533.2	666.6	685.2	507.6
Stddev	9.	12.	2.4	3.0	3.6	2.0
%RSD	.4208	.5153	.4473	.4446	.5243	.3916
#1	2078.	2229.	530.9	663.2	681.3	505.6
#2	2083.	2252.	533.2	668.3	688.4	509.6
#3	2066.	2244.	535.6	668.3	685.8	507.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	532.4	620.3	535.7	2165.
Stddev	3.3	1.8	1.2	30.
%RSD	.6171	.2912	.2327	1.383
#1	529.0	618.8	534.3	2135.
#2	535.5	619.8	536.7	2164.
#3	532.5	622.3	536.1	2195.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3659.8	36986.	15256.
Stddev	6.0	205.	199.
%RSD	.16481	.55401	1.3023
#1	3662.9	36786.	15050.
#2	3652.8	36977.	15271.
#3	3663.6	37196.	15446.

Sample Name: pds 460-94855-d-1-a Acquired: 5/23/2015 20:48:17 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1991.	1982.	54.36	2107.	51.37	41740.
Stddev	18.	1.	.95	4.	.31	46.
%RSD	.8810	.0598	1.753	.1991	.6001	.1105
#1	2002.	1981.	55.35	2107.	51.18	41760.
#2	1971.	1981.	53.45	2111.	51.21	41760.
#3	2000.	1983.	54.28	2103.	51.73	41680.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	51.21	527.3	207.2	260.4	2635.	28090.
Stddev	.08	1.4	.5	.6	14.	100.
%RSD	.1481	.2733	.2392	.2329	.5317	.3560
#1	51.29	525.8	206.9	259.7	2622.	27970.
#2	51.14	528.6	207.8	260.7	2650.	28150.
#3	51.19	527.4	206.9	260.8	2633.	28140.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25400.	924.5	121700.	528.4	517.6	463.5
Stddev	57.	1.0	270.	2.4	4.2	3.2
%RSD	.2231	.1088	.2215	.4558	.8107	.6808
#1	25390.	924.5	121500.	528.4	512.8	464.7
#2	25450.	925.4	121600.	530.9	519.1	465.9
#3	25340.	923.4	122000.	526.0	520.8	459.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-94855-d-1-a Acquired: 5/23/2015 20:48:17 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1991.	2144.	512.1	648.9	664.7	486.9
Stddev	12.	7.	1.1	2.2	2.6	1.4
%RSD	.5862	.3434	.2242	.3322	.3902	.2857
#1	1981.	2139.	511.0	646.7	663.5	485.3
#2	2004.	2141.	513.3	648.8	667.6	487.7
#3	1989.	2153.	511.9	651.0	662.8	487.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	513.1	599.2	514.8	2227.
Stddev	1.0	1.0	.8	39.
%RSD	.1934	.1731	.1512	1.746
#1	513.5	598.0	514.9	2187.
#2	512.0	599.8	515.6	2264.
#3	513.9	599.9	514.0	2231.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3637.0	36812.	15110.
Stddev	3.2	61.	127.
%RSD	.08753	.16458	.84059
#1	3640.2	36743.	15097.
#2	3637.0	36856.	15243.
#3	3633.8	36837.	14990.

Sample Name: 460-94855-d-2-a Acquired: 5/23/2015 20:51:51 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	49.15	2.227	-1.146	90.11	.3448	22740.
Stddev	15.32	2.631	.3574	.11	.0211	127.
%RSD	31.16	118.1	311.9	.1223	6.123	.5590
#1	60.74	1.478	.1571	90.08	.3207	22790.
#2	31.79	.0525	-.5194	90.23	.3599	22830.
#3	54.93	5.152	.0186	90.02	.3538	22590.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2317	12.68	.0876	17.44	1410.	10060.
Stddev	.1126	.11	.3825	.29	7.	51.
%RSD	48.60	.8882	436.5	1.684	.5136	.5072
#1	.2531	12.62	.5204	17.50	1418.	10110.
#2	.3320	12.81	-.0522	17.13	1407.	10050.
#3	.1099	12.61	-.2053	17.71	1405.	10010.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6262.	427.1	104100.	7.887	2.186	-1.258
Stddev	41.	1.1	80.	.510	1.214	.592
%RSD	.6489	.2521	.0764	6.463	55.53	47.05
#1	6271.	428.0	104100.	7.908	2.583	-.6505
#2	6297.	427.4	104100.	7.368	3.152	-1.291
#3	6217.	425.9	104000.	8.387	.8235	-1.833

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94855-d-2-a Acquired: 5/23/2015 20:51:51 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.155	-.4030	.2245	141.4	166.9	-.0922
Stddev	2.203	.8746	.4828	.8	.4	.0908
%RSD	42.74	217.0	215.1	.5788	.2528	98.56
#1	5.796	.1044	.5913	142.3	166.8	-.0055
#2	2.703	.0996	-.3225	140.9	166.6	-.0844
#3	6.967	-1.413	.4046	141.0	167.4	-.1867

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.8403	97.81	2.012	2129.
Stddev	.1577	.45	.068	13.
%RSD	18.76	.4648	3.364	.5904
#1	1.017	97.78	2.028	2132.
#2	.7130	97.38	1.938	2115.
#3	.7914	98.28	2.071	2140.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3618.0	36330.	14739.
Stddev	15.7	360.	233.
%RSD	.43437	.98988	1.5780
#1	3600.1	36140.	14620.
#2	3624.5	36105.	14590.
#3	3629.5	36745.	15007.

Sample Name: 460-94855-d-3-a Acquired: 5/23/2015 20:55:39 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	27.92	-.2698	-.3891	66.90	.1012	18370.
Stddev	4.73	.9947	.8169	.53	.0456	95.
%RSD	16.94	368.7	209.9	.7890	45.11	.5158
#1	28.61	.0226	-.3477	66.31	.0869	18310.
#2	32.27	-1.378	.4062	67.09	.1522	18320.
#3	22.88	.5459	-1.226	67.31	.0643	18480.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3357	3.503	-.4204	24.07	366.0	7340.
Stddev	.1526	.173	.2746	.21	8.5	24.
%RSD	45.45	4.930	65.33	.8784	2.331	.3294
#1	.4401	3.530	-.6027	24.29	358.5	7317.
#2	.4064	3.319	-.5540	24.04	375.3	7365.
#3	.1606	3.661	-.1045	23.87	364.2	7338.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4803.	140.4	59510.	3.640	3.178	.6244
Stddev	22.	.5	106.	.532	1.014	.4215
%RSD	.4539	.3295	.1783	14.62	31.91	67.49
#1	4781.	139.9	59390.	3.044	4.161	.8085
#2	4801.	140.3	59530.	3.809	3.239	.1423
#3	4825.	140.9	59600.	4.068	2.135	.9226

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94855-d-3-a Acquired: 5/23/2015 20:55:39 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.056	1.088	-.2343	290.0	176.3	.1571
Stddev	3.045	3.318	.4274	1.5	.8	.2294
%RSD	43.16	305.0	182.4	.5012	.4618	146.0
#1	8.887	-1.110	.2498	288.6	175.5	.4156
#2	3.541	4.904	-.3933	289.9	176.2	.0784
#3	8.742	-.5305	-.5593	291.5	177.1	-.0225

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.036	88.77	1.633	1528.
Stddev	.187	.51	.042	27.
%RSD	18.03	.5769	2.554	1.786
#1	.8930	89.34	1.586	1509.
#2	1.248	88.35	1.664	1560.
#3	.9686	88.61	1.650	1517.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3669.3	37269.	15300.
Stddev	6.5	227.	28.
%RSD	.17786	.60877	.18548
#1	3675.4	37381.	15268.
#2	3670.2	37419.	15311.
#3	3662.4	37008.	15322.

Sample Name: 460-94855-d-4-a Acquired: 5/23/2015 20:59:27 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	62.19	2.556	-.5982	89.55	.3818	14940.
Stddev	18.58	1.605	.4026	.47	.0400	78.
%RSD	29.87	62.79	67.30	.5301	10.49	.5197
#1	41.01	4.409	-.1403	89.17	.3975	14850.
#2	75.72	1.639	-.7576	90.08	.4115	15000.
#3	69.84	1.619	-.8968	89.40	.3362	14970.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2768	7.985	-.0639	55.84	1460.	6100.
Stddev	.0303	.092	.2314	.21	14.	36.
%RSD	10.94	1.156	362.1	.3689	.9799	.5872
#1	.2470	8.074	-.3284	55.62	1445.	6067.
#2	.3076	7.889	.1013	56.03	1473.	6094.
#3	.2757	7.992	.0353	55.87	1463.	6138.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6398.	217.9	70070.	5.438	15.51	1.189
Stddev	49.	1.1	304.	.558	3.43	1.052
%RSD	.7683	.5029	.4333	10.26	22.08	88.54
#1	6341.	216.7	69730.	5.777	14.61	.2353
#2	6429.	218.7	70200.	5.743	19.29	1.013
#3	6424.	218.4	70300.	4.794	12.62	2.318

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94855-d-4-a Acquired: 5/23/2015 20:59:27 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.310	1.162	.0454	435.3	123.5	.0350
Stddev	3.458	1.284	.3348	.9	.2	.2681
%RSD	65.12	110.5	738.3	.2048	.1966	765.1
#1	6.790	2.587	-.1965	434.8	123.7	-.2058
#2	1.358	.8053	.4275	434.8	123.2	-.0130
#3	7.781	.0948	-.0950	436.3	123.5	.3239

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.431	82.02	2.740	2369.
Stddev	.735	.35	.207	12.
%RSD	30.23	.4318	7.569	.5125
#1	2.484	81.66	2.515	2383.
#2	3.138	82.02	2.784	2362.
#3	1.671	82.37	2.923	2362.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3679.0	37513.	15124.
Stddev	4.6	226.	174.
%RSD	.12381	.60352	1.1479
#1	3674.2	37774.	15324.
#2	3679.4	37379.	15017.
#3	3683.3	37384.	15030.

Sample Name: CCV Acquired: 5/23/2015 21:03:17 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124000.	2502.	1215.	10070.	1003.	123000.
Stddev	240.	4.	3.	8.	1.	555.
%RSD	.1932	.1690	.2197	.0828	.1075	.4510

#1	124000.	2499.	1218.	10070.	1004.	123300.
#2	124200.	2507.	1215.	10070.	1004.	123400.
#3	123700.	2500.	1213.	10060.	1002.	122400.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1250.	2503.	4966.	12320.	100000.	49610.
Stddev	4.	3.	22.	7.	319.	81.
%RSD	.2834	.1068	.4485	.0535	.3187	.1632

#1	1254.	2506.	4977.	12310.	100200.	49660.
#2	1249.	2501.	4982.	12320.	100200.	49650.
#3	1248.	2503.	4941.	12320.	99630.	49520.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123500.	5031.	125500.	2511.	7525.	996.8
Stddev	437.	16.	152.	2.	37.	3.1
%RSD	.3540	.3153	.1213	.0795	.4876	.3063

#1	123800.	5039.	125600.	2513.	7557.	994.0
#2	123700.	5041.	125600.	2510.	7534.	1000.
#3	123000.	5013.	125400.	2510.	7485.	996.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 5/23/2015 21:03:17 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2488.	2551.	2485.	2495.	1003.	2452.
Stddev	3.	7.	6.	17.	5.	3.
%RSD	.1148	.2639	.2615	.7006	.4579	.1074

#1	2488.	2551.	2487.	2515.	998.4	2453.
#2	2485.	2544.	2491.	2487.	1004.	2453.
#3	2490.	2557.	2478.	2483.	1007.	2449.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1007.	5080.	10130.	9566.
Stddev	5.	52.	20.	109.
%RSD	.5164	1.017	.1930	1.136

#1	1013.	5079.	10130.	9540.
#2	1004.	5132.	10140.	9473.
#3	1005.	5029.	10110.	9685.

Check ?	Chk Pass	Chk Pass	Chk Pass	None
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3530.8	35645.	14676.
Stddev	28.6	340.	273.
%RSD	.81134	.95290	1.8626

#1	3497.8	35379.	14478.
#2	3546.9	35527.	14562.
#3	3547.8	36027.	14988.

Sample Name: CCB Acquired: 5/23/2015 21:06:55 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.168	1.352	-3853	1.172	.1491	13.28
Stddev	4.512	1.023	.2907	.828	.0963	8.80
%RSD	62.95	75.65	75.43	70.62	64.60	66.29

#1	2.272	.2216	-.0686	2.105	.0379	16.97
#2	8.070	2.214	-.4475	.8820	.2038	19.63
#3	11.16	1.622	-.6398	.5281	.2055	3.231

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2821	-.0140	.1963	.8446	6.389	-2.014
Stddev	.1146	.1444	.2394	.3795	12.50	17.80
%RSD	40.61	1029.	122.0	44.94	195.6	884.1

#1	.3949	.1186	.2823	1.265	13.85	17.56
#2	.2855	.0071	.3808	.5267	13.35	-6.356
#3	.1658	-.1678	-.0742	.7422	-8.041	-17.24

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.296	.8941	25.38	.6027	.0030	-.4368
Stddev	6.070	.1361	12.34	.4542	2.592	1.015
%RSD	114.6	15.22	48.61	75.36	87820.	232.4

#1	11.41	1.036	39.24	.8523	2.995	-.6970
#2	-.7259	.8809	21.31	.0785	-1.434	-1.297
#3	5.201	.7651	15.60	.8773	-1.553	.6830

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 5/23/2015 21:06:55 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.047	1.613	.1880	.1788	2.126	-.0940
Stddev	1.174	1.765	.2451	.2929	.980	.2686
%RSD	57.36	109.4	130.4	163.8	46.10	285.7
#1	3.399	.8543	.4473	.4879	3.225	.0393
#2	1.281	.3551	-.0399	.1432	1.813	-.4032
#3	1.461	3.630	.1566	-.0946	1.341	.0819

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.8339	.4984	.9862	-6.562
Stddev	.1530	.1985	.2647	5.650
%RSD	18.35	39.82	26.84	86.10
#1	.9367	.7121	1.231	-.3840
#2	.6580	.4635	1.022	-11.47
#3	.9069	.3197	.7056	-7.836

Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3824.5	39139.	15086.
Stddev	7.2	221.	74.
%RSD	.18813	.56356	.48941
#1	3819.0	39040.	15171.
#2	3832.6	38986.	15040.
#3	3821.8	39392.	15046.

Sample Name: CCVL Acquired: 5/23/2015 21:10:47 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	198.0	15.76	8.869	204.7	1.998	4934.
Stddev	16.4	.52	.321	.4	.129	24.
%RSD	8.263	3.274	3.623	.1773	6.436	.4765

#1	203.8	15.94	9.219	204.3	1.869	4907.
#2	210.7	16.15	8.799	204.9	1.998	4949.
#3	179.6	15.17	8.588	205.0	2.127	4947.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.245	51.66	10.04	24.39	187.0	4751.
Stddev	.187	.58	.24	.25	5.8	19.
%RSD	4.401	1.117	2.409	1.005	3.097	.4023

#1	4.061	52.03	9.963	24.54	191.6	4735.
#2	4.434	51.96	9.850	24.11	188.9	4746.
#3	4.239	51.00	10.31	24.54	180.5	4772.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4990.	15.81	4853.	42.06	10.08	18.56
Stddev	25.	.09	12.	.23	2.44	.97
%RSD	.5045	.5487	.2494	.5416	24.16	5.245

#1	4961.	15.71	4840.	41.81	12.60	19.67
#2	5006.	15.88	4862.	42.24	7.740	17.87
#3	5003.	15.83	4858.	42.14	9.890	18.14

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCVL Acquired: 5/23/2015 21:10:47 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23.60	23.41	49.19	34.69	48.78	19.01
Stddev	1.77	1.77	.45	.13	.30	.18
%RSD	7.501	7.551	.9154	.3850	.6234	.9580
#1	22.10	21.45	49.57	34.53	48.46	19.22
#2	25.55	23.91	48.69	34.77	49.06	18.90
#3	23.14	24.88	49.30	34.75	48.82	18.91

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	51.40	20.12	21.41	F -.0891
Stddev	.44	.18	.06	2.409
%RSD	.8582	.9087	.2840	2703.
#1	51.75	19.91	21.46	1.878
#2	50.90	20.23	21.35	.6308
#3	51.54	20.24	21.44	-2.776

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				200.0
Range				-30.50%

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3783.9	38579.	15101.
Stddev	9.1	173.	116.
%RSD	.24120	.44839	.77077
#1	3792.8	38666.	15235.
#2	3774.6	38379.	15043.
#3	3784.3	38690.	15024.

Sample Name: 460-94855-j-5-a Acquired: 5/23/2015 21:14:36 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	33.34	2.011	-4.083	84.31	.2571	16280.
Stddev	2.19	1.014	.1463	.38	.1275	60.
%RSD	6.560	50.40	35.84	.4468	49.59	.3663
#1	34.50	1.316	-.2393	84.04	.1232	16250.
#2	30.82	1.544	-.4904	84.15	.2711	16240.
#3	34.70	3.175	-.4951	84.74	.3771	16350.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3152	4.793	.2382	1.081	28.43	7172.
Stddev	.0933	.214	.3293	.179	4.56	8.
%RSD	29.58	4.456	138.3	16.58	16.05	.1065
#1	.3159	5.026	.1398	1.210	26.25	7178.
#2	.2217	4.606	-.0307	1.158	33.67	7174.
#3	.4082	4.748	.6055	.8766	25.36	7163.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6179.	151.3	78730.	3.469	-.6245	.0613
Stddev	32.	.8	275.	1.091	1.646	1.962
%RSD	.5256	.5431	.3495	31.46	263.6	3199.
#1	6159.	150.4	78410.	4.547	.3819	1.257
#2	6161.	151.4	78920.	2.365	.2687	1.130
#3	6216.	152.1	78850.	3.497	-2.524	-2.203

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94855-j-5-a Acquired: 5/23/2015 21:14:36 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.9549	-.4803	-.1274	8.126	133.0	-.0030
Stddev	2.812	2.541	.3015	.195	.2	.2801
%RSD	294.5	529.0	236.6	2.395	.1457	9399.
#1	-1.519	-1.984	-.4728	8.024	132.8	.1851
#2	4.013	-1.910	.0829	8.350	133.2	.1308
#3	.3704	2.453	.0077	8.004	133.0	-.3249

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.487	83.78	1.466	2124.
Stddev	1.029	.37	.168	14.
%RSD	69.18	.4395	11.47	.6603
#1	2.674	83.38	1.656	2121.
#2	.9359	83.84	1.337	2112.
#3	.8511	84.11	1.404	2140.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3665.2	36879.	14688.
Stddev	5.3	101.	180.
%RSD	.14353	.27323	1.2231
#1	3665.5	36940.	14825.
#2	3670.3	36935.	14484.
#3	3659.8	36763.	14754.

Sample Name: 460-94855-e-7-a Acquired: 5/23/2015 21:18:26 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	32.87	.7408	-.2801	86.37	.3107	15970.
Stddev	9.21	1.591	.6255	.49	.1177	58.
%RSD	28.03	214.7	223.3	.5637	37.87	.3613
#1	25.83	-1.041	.3478	86.61	.4466	15920.
#2	29.48	1.246	-.9032	85.81	.2418	15960.
#3	43.30	2.018	-.2850	86.70	.2438	16030.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3539	8.778	-.1249	1.327	293.0	7073.
Stddev	.0191	.212	.1003	.203	3.9	19.
%RSD	5.407	2.418	80.32	15.31	1.331	.2625
#1	.3686	8.906	-.1561	1.163	296.3	7056.
#2	.3323	8.533	-.0127	1.265	293.8	7093.
#3	.3607	8.895	-.2059	1.554	288.7	7069.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6093.	262.9	77870.	5.577	1.160	.6440
Stddev	27.	.8	125.	.445	1.239	1.106
%RSD	.4504	.2916	.1610	7.982	106.9	171.7
#1	6062.	262.0	77730.	5.909	1.528	-.4156
#2	6100.	263.2	77930.	5.071	2.173	.5572
#3	6116.	263.5	77960.	5.750	-.2219	1.791

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94855-e-7-a Acquired: 5/23/2015 21:18:26 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.598	.6133	.2946	10.83	132.7	.0820
Stddev	2.265	.6343	.3830	.19	.2	.1589
%RSD	87.19	103.4	130.0	1.755	.1753	193.7
#1	3.921	1.212	.0288	10.68	132.7	.0777
#2	3.890	-.0511	.7336	10.77	132.9	.2430
#3	-.0176	.6787	.1214	11.04	132.5	-.0746

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.120	83.45	1.447	2146.
Stddev	.273	.20	.051	8.
%RSD	24.41	.2415	3.522	.3578
#1	1.434	83.22	1.432	2151.
#2	.9880	83.61	1.504	2137.
#3	.9371	83.51	1.405	2149.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3680.1	37450.	15206.
Stddev	9.5	92.	49.
%RSD	.25917	.24696	.32243
#1	3672.2	37507.	15258.
#2	3677.5	37500.	15160.
#3	3690.7	37344.	15201.

Sample Name: 460-94855-e-10-a Acquired: 5/23/2015 21:22:15 Type: Unk

Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19.34	.5148	.0083	83.46	.3271	15970.
Stddev	5.89	1.802	.7687	.19	.0834	93.
%RSD	30.47	350.0	9257.	.2295	25.49	.5834

#1	13.16	1.113	-.7773	83.29	.2625	15870.
#2	19.96	1.941	.0434	83.43	.4212	16050.
#3	24.90	-1.510	.7588	83.67	.2974	15990.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4178	5.148	.1678	4.974	22.29	7070.
Stddev	.1353	.347	.3589	.119	2.01	40.
%RSD	32.39	6.733	213.8	2.397	8.999	.5614

#1	.5101	5.512	-.0178	4.963	21.01	7072.
#2	.2625	4.821	.5815	4.862	21.26	7030.
#3	.4807	5.112	-.0602	5.099	24.60	7109.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6064.	154.9	77970.	4.923	1.284	-.5648
Stddev	51.	.6	299.	.548	.571	.8085
%RSD	.8367	.4010	.3833	11.12	44.49	143.1

#1	6008.	154.2	77650.	5.484	1.775	-.8166
#2	6079.	155.3	78030.	4.390	1.418	.3396
#3	6106.	155.2	78230.	4.895	.6571	-1.218

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-94855-e-10-a Acquired: 5/23/2015 21:22:15 Type: Unk
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0174	1.011	.1567	11.58	132.6	.1381
Stddev	2.455	.908	.2924	.16	.1	.0569
%RSD	14130.	89.85	186.6	1.371	.0485	41.16
#1	1.647	.6759	.4005	11.41	132.5	.2032
#2	1.138	.3175	.2370	11.63	132.6	.1135
#3	-2.837	2.039	-.1674	11.72	132.6	.0978

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.434	83.49	1.506	2141.
Stddev	.390	.38	.118	18.
%RSD	27.17	.4596	7.865	.8210
#1	1.848	83.19	1.463	2158.
#2	1.378	83.35	1.416	2142.
#3	1.075	83.92	1.640	2123.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3704.5	37671.	15178.
Stddev	10.1	193.	132.
%RSD	.27140	.51293	.86694
#1	3716.0	37888.	15327.
#2	3700.1	37518.	15128.
#3	3697.3	37608.	15078.

Sample Name: CCV Acquired: 5/23/2015 21:26:05 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122300.	2466.	1200.	9933.	991.5	121900.
Stddev	292.	3.	1.	9.	4.4	332.
%RSD	.2385	.1176	.0633	.0907	.4412	.2720

#1	122400.	2467.	1199.	9940.	995.3	122000.
#2	122500.	2468.	1200.	9936.	992.5	122100.
#3	122000.	2463.	1199.	9922.	986.7	121500.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1236.	2467.	4908.	12120.	98810.	49060.
Stddev	1.	1.	6.	25.	271.	72.
%RSD	.0674	.0531	.1168	.2094	.2746	.1465

#1	1237.	2468.	4909.	12130.	98960.	49090.
#2	1236.	2468.	4913.	12090.	98970.	49110.
#3	1236.	2466.	4901.	12140.	98500.	48980.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122600.	4978.	124100.	2481.	7461.	976.6
Stddev	341.	8.	396.	2.	13.	1.1
%RSD	.2778	.1674	.3194	.0866	.1803	.1129

#1	122800.	4983.	124400.	2484.	7469.	975.7
#2	122900.	4983.	124200.	2482.	7468.	977.8
#3	122200.	4969.	123600.	2479.	7445.	976.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 5/23/2015 21:26:05 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2439.	2523.	2454.	2486.	984.9	2418.
Stddev	2.	11.	3.	5.	2.6	3.
%RSD	.0744	.4356	.1294	.2029	.2635	.1175

#1	2438.	2511.	2456.	2487.	982.7	2420.
#2	2437.	2527.	2450.	2490.	984.2	2419.
#3	2441.	2532.	2455.	2480.	987.8	2414.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	992.9	4990.	9986.	9423.
Stddev	2.0	63.	10.	46.
%RSD	.2012	1.260	.1044	.4922

#1	992.7	5055.	9997.	9457.
#2	995.0	4984.	9986.	9441.
#3	991.0	4930.	9976.	9370.

Check ?	Chk Pass	Chk Pass	Chk Pass	None
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3537.8	35730.	14708.
Stddev	6.5	195.	52.
%RSD	.18431	.54449	.35665

#1	3534.9	35639.	14700.
#2	3533.3	35598.	14661.
#3	3545.3	35953.	14765.

Sample Name: CCB Acquired: 5/23/2015 21:29:43 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23.36	1.585	.0031	.6451	.2531	52.12
Stddev	18.46	2.451	.4490	.4748	.0703	71.02
%RSD	79.00	154.7	14580.	73.60	27.78	136.2
#1	44.51	2.688	.4902	.6297	.3281	134.1
#2	10.52	3.291	-.3943	1.127	.1887	11.93
#3	15.05	-1.224	-.0866	.1782	.2425	10.32

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2990	-.0867	1.581	4.740	45.05	23.09
Stddev	.0882	.0247	2.750	7.342	64.15	4.52
%RSD	29.51	28.46	173.9	154.9	142.4	19.55
#1	.2768	-.0799	4.750	13.21	118.0	26.03
#2	.3962	-.0661	.1711	.7194	19.90	17.89
#3	.2239	-.1140	-.1771	.2858	-2.708	25.35

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	49.30	2.519	35.26	-.0517	1.137	.7670
Stddev	75.46	3.000	23.82	.7435	1.889	.8045
%RSD	153.1	119.1	67.56	1437.	166.2	104.9
#1	136.1	5.984	62.61	-.4107	-.4008	1.240
#2	-.2568	.7500	19.08	.8031	3.245	-.1619
#3	12.02	.8244	24.08	-.5476	.5656	1.223

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 5/23/2015 21:29:43 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.811	2.041	.7193	-.0456	1.897	.2405
Stddev	1.402	1.516	1.410	.2188	.582	.2181
%RSD	36.77	74.25	196.0	479.7	30.66	90.68
#1	5.429	.4866	2.325	-.0397	2.162	-.0069
#2	3.041	2.122	.1463	.1702	2.299	.4050
#3	2.964	3.515	-.3138	-.2673	1.230	.3235

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.048	.7170	4.144	9.308
Stddev	.794	.6544	5.805	10.67
%RSD	75.74	91.27	140.1	114.7
#1	1.627	1.472	10.85	5.129
#2	1.373	.3097	.7585	21.44
#3	.1432	.3694	.8277	1.358

Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3840.4	39518.	15310.
Stddev	7.3	105.	41.
%RSD	.19055	.26510	.26493
#1	3848.4	39577.	15274.
#2	3838.9	39581.	15354.
#3	3834.0	39397.	15304.

Sample Name: CCVL Acquired: 5/23/2015 21:33:36 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	206.6	16.33	9.609	202.9	1.968	4868.
Stddev	8.0	.53	.199	1.0	.035	17.
%RSD	3.875	3.227	2.067	.4987	1.771	.3539

#1	199.8	15.74	9.469	202.0	1.939	4848.
#2	204.5	16.46	9.521	204.0	2.007	4877.
#3	215.4	16.77	9.836	202.7	1.958	4880.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.193	51.26	9.593	24.21	179.3	4679.
Stddev	.102	.17	.227	.16	2.4	33.
%RSD	2.422	.3379	2.371	.6793	1.343	.6987

#1	4.099	51.09	9.449	24.38	179.0	4715.
#2	4.178	51.43	9.475	24.05	181.8	4668.
#3	4.301	51.25	9.856	24.19	177.0	4652.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4909.	15.48	4800.	42.51	10.73	17.84
Stddev	38.	.08	22.	.72	.61	2.02
%RSD	.7705	.5116	.4536	1.683	5.690	11.30

#1	4885.	15.45	4825.	42.10	11.04	19.89
#2	4889.	15.42	4794.	43.34	10.03	17.76
#3	4952.	15.57	4782.	42.10	11.13	15.86

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCVL Acquired: 5/23/2015 21:33:36 Type: QC
Method: BC042282015(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22.80	24.46	48.58	34.43	47.94	18.90
Stddev	2.64	2.24	.55	.13	.63	.08
%RSD	11.60	9.157	1.131	.3687	1.314	.4463
#1	19.75	23.22	49.18	34.30	48.65	18.91
#2	24.35	27.04	48.46	34.43	47.44	18.81
#3	24.30	23.11	48.10	34.56	47.73	18.98

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3600)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	50.71	20.09	21.16	F 12.77
Stddev	.25	.02	.17	14.69
%RSD	.4849	.0986	.7924	115.0
#1	50.48	20.10	21.02	29.32
#2	50.97	20.06	21.35	1.238
#3	50.68	20.10	21.11	7.770

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				200.0
Range				-30.50%

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3828.7	39212.	15342.
Stddev	5.4	118.	88.
%RSD	.14013	.30119	.57362
#1	3834.5	39250.	15372.
#2	3824.0	39307.	15412.
#3	3827.6	39080.	15244.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Batch Number: 300521 Batch Start Date: 05/22/15 19:27 Batch Analyst: Esteban, Edgardo ABatch Method: 3010A Batch End Date: 05/23/15 00:45

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_LCS-int 00052			
MB 460-300521/1		3010A, 6010C		100 mL	100 mL				
LCS 460-300521/2		3010A, 6010C		100 mL	100 mL	2 mL			
460-94855-D-1	EX1-CP-00-051415	3010A, 6010C	T	100 mL	100 mL				
460-94855-A-1 DU	EX1-CP-00-051415	3010A, 6010C	T	100 mL	100 mL				
460-94855-A-1 MS	EX1-CP-00-051415	3010A, 6010C	T	100 mL	100 mL	2 mL			
460-94855-D-2	EX1-CP-01-051415	3010A, 6010C	T	100 mL	100 mL				
460-94855-D-3	EX2-CP-00-051415	3010A, 6010C	T	100 mL	100 mL				
460-94855-D-4	EX3-CP-00-051415	3010A, 6010C	T	100 mL	100 mL				
460-94855-J-5	PD09-CP-00-051415	3010A, 6010C	T	100 mL	100 mL				
460-94855-E-7	PW02-CP-00-051415	3010A, 6010C	T	100 mL	100 mL				
460-94855-E-10	PW07B-CP-00-051415	3010A, 6010C	T	100 mL	100 mL				

Batch Notes	
Batch Comment	DHCL MPR 282
Filter Paper Lot Number	09-790F
Lot # of hydrochloric acid	0000086340
Lot # of Nitric Acid	0000106819
Hot Block ID number	HB3
Pipette ID	#42
ID number of the thermometer	ICP-3 (-2 deg. CF)
Digestion Tube/Cup Lot #	J205411-264
Uncorrected Temperature	97 deg. -----> 95 deg. (correct temp.) Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

6010C

Page 1 of 1

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-94855-1
SDG No.: _____
Project: DEC Claremont Polychemical- SiteNo130015

Client Sample ID	Lab Sample ID
<u>EX1-CP-00-051415</u>	<u>460-94855-1</u>
<u>EX1-CP-01-051415</u>	<u>460-94855-2</u>
<u>EX2-CP-00-051415</u>	<u>460-94855-3</u>
<u>EX3-CP-00-051415</u>	<u>460-94855-4</u>
<u>PD09-CP-00-051415</u>	<u>460-94855-5</u>
<u>PD09-CP-01-051415</u>	<u>460-94855-6</u>
<u>PW02-CP-00-051415</u>	<u>460-94855-7</u>
<u>PW02-CP-01-051415</u>	<u>460-94855-8</u>
<u>PW07B-CP-00-051415</u>	<u>460-94855-10</u>
<u>PW07B-CP-01-051415</u>	<u>460-94855-11</u>

Comments:

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Savannah Job Number: 460-94855-1

SDG No.: _____

Project: DEC Claremont Polychemical- SiteNo130015

Client Sample ID

PD09-CP-00-051415

PD09-CP-01-051415

Lab Sample ID

460-94855-5

460-94855-6

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EX1-CP-00-051415 Lab Sample ID: 460-94855-1
Lab Name: TestAmerica Edison Job No.: 460-94855-1
SDG ID.:
Matrix: Water Date Sampled: 05/13/2015 08:35
Reporting Basis: WET Date Received: 05/14/2015 17:20

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
	Total Suspended Solids	2.3	1.1		mg/L			1	SM 2540D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EX1-CP-01-051415 Lab Sample ID: 460-94855-2
Lab Name: TestAmerica Edison Job No.: 460-94855-1
SDG ID.:
Matrix: Water Date Sampled: 05/13/2015 08:40
Reporting Basis: WET Date Received: 05/14/2015 17:20

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
	Total Suspended Solids	2.2	1.0		mg/L			1	SM 2540D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EX2-CP-00-051415

Lab Sample ID: 460-94855-3

Lab Name: TestAmerica Edison

Job No.: 460-94855-1

SDG ID.:

Matrix: Water

Date Sampled: 05/13/2015 10:05

Reporting Basis: WET

Date Received: 05/14/2015 17:20

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
	Total Suspended Solids	1.0	1.0		mg/L	U		1	SM 2540D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EX3-CP-00-051415 Lab Sample ID: 460-94855-4
Lab Name: TestAmerica Edison Job No.: 460-94855-1
SDG ID.:
Matrix: Water Date Sampled: 05/13/2015 11:10
Reporting Basis: WET Date Received: 05/14/2015 17:20

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
	Total Suspended Solids	11.2	1.1		mg/L			1	SM 2540D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PD09-CP-00-051415

Lab Sample ID: 460-94855-5

Lab Name: TestAmerica Edison

Job No.: 460-94855-1

SDG ID.:

Matrix: Water

Date Sampled: 05/14/2015 07:20

Reporting Basis: WET

Date Received: 05/14/2015 17:20

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
18540-29-9	Cr (VI)	10.0	10.0	4.9	ug/L	U		1	7196A
	Total Dissolved Solids	373	10.0	10.0	mg/L			1	SM 2540C

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PD09-CP-01-051415

Lab Sample ID: 460-94855-6

Lab Name: TestAmerica Edison

Job No.: 460-94855-1

SDG ID.:

Matrix: Water

Date Sampled: 05/14/2015 07:25

Reporting Basis: WET

Date Received: 05/14/2015 17:20

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
18540-29-9	Cr (VI)	10.0	10.0	4.9	ug/L	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PW02-CP-00-051415

Lab Sample ID: 460-94855-7

Lab Name: TestAmerica Edison

Job No.: 460-94855-1

SDG ID.:

Matrix: Water

Date Sampled: 05/14/2015 06:45

Reporting Basis: WET

Date Received: 05/14/2015 17:20

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Total Dissolved Solids	307	10.0	10.0	mg/L			1	SM 2540C

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PW02-CP-00-051415

Lab Sample ID: 460-94855-7

Lab Name: TestAmerica Edison

Job No.: 460-94855-1

SDG ID.:

Matrix: Water

Date Sampled: 05/14/2015 06:45

Reporting Basis: WET

Date Received: 05/14/2015 17:20

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
	Total Suspended Solids	1.1	1.1		mg/L	U		1	SM 2540D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PW02-CP-01-051415

Lab Sample ID: 460-94855-8

Lab Name: TestAmerica Edison

Job No.: 460-94855-1

SDG ID.:

Matrix: Water

Date Sampled: 05/14/2015 06:50

Reporting Basis: WET

Date Received: 05/14/2015 17:20

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Total Dissolved Solids	354	10.0	10.0	mg/L			1	SM 2540C

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PW07B-CP-00-051415

Lab Sample ID: 460-94855-10

Lab Name: TestAmerica Edison

Job No.: 460-94855-1

SDG ID.:

Matrix: Water

Date Sampled: 05/14/2015 07:00

Reporting Basis: WET

Date Received: 05/14/2015 17:20

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	0.93	1.0	0.14	mg/L	J		1	9060A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PW07B-CP-00-051415 Lab Sample ID: 460-94855-10
Lab Name: TestAmerica Edison Job No.: 460-94855-1
SDG ID.:
Matrix: Water Date Sampled: 05/14/2015 07:00
Reporting Basis: WET Date Received: 05/14/2015 17:20

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
	Total Suspended Solids	1.1	1.1		mg/L	U		1	SM 2540D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PW07B-CP-01-051415

Lab Sample ID: 460-94855-11

Lab Name: TestAmerica Edison

Job No.: 460-94855-1

SDG ID.:

Matrix: Water

Date Sampled: 05/14/2015 07:05

Reporting Basis: WET

Date Received: 05/14/2015 17:20

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	0.96	1.0	0.14	mg/L	J		1	9060A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PD09-CP-00-051415

Lab Sample ID: 460-94855-5

Lab Name: TestAmerica Savannah

Job No.: 460-94855-1

SDG ID.:

Matrix: Water

Date Sampled: 05/14/2015 07:20

Reporting Basis: WET

Date Received: 05/14/2015 17:20

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Nitrogen, Kjeldahl	0.21	0.20	0.10	mg/L			1	351.2

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PD09-CP-01-051415

Lab Sample ID: 460-94855-6

Lab Name: TestAmerica Savannah

Job No.: 460-94855-1

SDG ID.:

Matrix: Water

Date Sampled: 05/14/2015 07:25

Reporting Basis: WET

Date Received: 05/14/2015 17:20

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Nitrogen, Kjeldahl	0.28	0.20	0.10	mg/L			1	351.2

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-94855-1
SDG No.: _____
Analyst: PXP Batch Start Date: 05/15/2015
Reporting Units: ug/L Analytical Batch No.: 298737

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
7	ICV	02:29	Cr (VI)	72.66	75.0	97	90-110		WThcrIM4_00045
8	ICB	02:29	Cr (VI)	10.0				U	
16	CCV	02:29	Cr (VI)	72.66	75.0	97	90-110		WThcrIM4_00045
17	CCB	02:29	Cr (VI)	10.0				U	

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-94855-1
SDG No.: _____
Analyst: HTV Batch Start Date: 05/21/2015
Reporting Units: mg/L Analytical Batch No.: 300379

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	ICV	12:44	Total Organic Carbon	52.12	50.0	104	90-110		WTtocSP2_00023
2	ICB	13:09	Total Organic Carbon	0.154				J	
13	CCV	18:49	Total Organic Carbon	52.12	50.0	104	90-110		WTtocSP2_00023
14	CCB	19:15	Total Organic Carbon	0.155				J	

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Savannah Job No.: 460-94855-1
 SDG No.: _____
 Analyst: JER Batch Start Date: 05/20/2015
 Reporting Units: mg/L Analytical Batch No.: 383986

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
9	ICV	09:40	Nitrogen, Kjeldahl	2.04	2.00	102			TKN/TP 2.0ppm 00011
10	ICB	09:41	Nitrogen, Kjeldahl	0.20				U	
11	CCV	09:42	Nitrogen, Kjeldahl	2.06	2.00	103	90-110		2.0 TPTKN_00034
12	CCB	09:43	Nitrogen, Kjeldahl	0.20				U	
23	CCV	09:55	Nitrogen, Kjeldahl	2.03	2.00	102	90-110		2.0 TPTKN_00034
24	CCB	09:56	Nitrogen, Kjeldahl	0.20				U	
35	CCV	10:08	Nitrogen, Kjeldahl	2.02	2.00	101	90-110		2.0 TPTKN_00034
36	CCB	10:10	Nitrogen, Kjeldahl	0.20				U	
47	CCV	10:21	Nitrogen, Kjeldahl	2.03	2.00	102	90-110		2.0 TPTKN_00034
48	CCB	10:23	Nitrogen, Kjeldahl	0.20				U	

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison

Job No.: 460-94855-1

SDG No.: _____

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 298737 Date: 05/15/2015 02:29							
7196A	MB 460-298737/9	Cr (VI)	10.0	U	ug/L	10.0	1
Batch ID: 300379 Date: 05/21/2015 13:33							
9060A	MB 460-300379/3	Total Organic Carbon	1.0	U	mg/L	1.0	1
Batch ID: 298874 Date: 05/15/2015 12:22							
SM 2540C	MB 460-298874/1	Total Dissolved Solids	10.0	U	mg/L	10.0	1
Batch ID: 299215 Date: 05/18/2015 09:00							
SM 2540D	MB 460-299215/1	Total Suspended Solids	1.0	U	mg/L	1.0	1

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Savannah

Job No.: 460-94855-1

SDG No.: _____

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 383986 Date: 05/20/2015 09:44 Prep Batch: 383817 Date: 05/19/2015 10:07							
351.2	MB 680-383817/1-A	Nitrogen, Kjeldahl	0.20	U	mg/L	0.20	1

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 298737 Date: 05/15/2015 02:29											
7196A	460-94855-5	Cr (VI)	10.0	U	ug/L						
7196A	460-94855-5	Cr (VI)	27.06		ug/L	30.0	90	85-115			
MS											
Batch ID: 300379 Date: 05/21/2015 15:56											
9060A	460-94855-10	Total Organic Carbon	0.93	J	mg/L						
9060A	460-94855-10	Total Organic Carbon	52.94		mg/L	50.0	104	90-110			
MS											

Calculations are performed before rounding to avoid round-off errors in calculated results.

5-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 300379 Date: 05/21/2015 16:24											
9060A	460-94855-10	Total Organic Carbon	52.86		mg/L	50.0	104	90-110	0	10	
MSD											

Calculations are performed before rounding to avoid round-off errors in calculated results.

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Savannah Job No.: 460-94855-1

SDG No.: _____

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 383986 Date: 05/20/2015 09:48 Prep Batch: 383817 Date: 05/19/2015 10:07											
351.2	460-94855-5	Nitrogen, Kjeldahl	0.21		mg/L						
351.2	460-94855-5	Nitrogen, Kjeldahl	2.34		mg/L	2.00	106	75-125			
MS											

Calculations are performed before rounding to avoid round-off errors in calculated results.

5-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Savannah Job No.: 460-94855-1

SDG No.: _____

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 383986 Date: 05/20/2015 09:49 Prep Batch: 383817 Date: 05/19/2015 10:07											
351.2	460-94855-5	Nitrogen, Kjeldahl	2.38		mg/L	2.00	108	75-125	2	40	
MSD											

Calculations are performed before rounding to avoid round-off errors in calculated results.

6-IN
DUPLICATE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Matrix: Water

Method	Client Sample ID	Lab Sample ID	Analyte	Result	Unit	RPD	RPD Limit	Qual
Batch ID: 298737 Date: 05/15/2015 02:29								
7196A	PD09-CP-00-051415	460-94855-5	Cr (VI)	10.0	ug/L			U
7196A	PD09-CP-00-051415	460-94855-5 DU	Cr (VI)	10.0	ug/L	NC	20	U
Batch ID: 298874 Date: 05/15/2015 12:22								
SM 2540C		460-94785-D-1	Total Dissolved Solids	872	mg/L			
SM 2540C		460-94785-D-1 DU	Total Dissolved Solids	874.0	mg/L	0.2	5	
Batch ID: 299215 Date: 05/18/2015 09:00								
SM 2540D		460-94874-A-1	Total Suspended Solids	412	mg/L			
SM 2540D		460-94874-A-1 DU	Total Suspended Solids	420.0	mg/L	2	5	
Batch ID: 299215 Date: 05/18/2015 13:20								
SM 2540D		460-94874-A-5	Total Suspended Solids	130	mg/L			
SM 2540D		460-94874-A-5 DU	Total Suspended Solids	130.0	mg/L	0	5	

Calculations are performed before rounding to avoid round-off errors in calculated results.

6-IN
DUPLICATE
GENERAL CHEMISTRY

Lab Name: TestAmerica Savannah Job No.: 460-94855-1

SDG No.: _____

Matrix: Water

Method	Client Sample ID	Lab Sample ID	Analyte	Result Unit	RPD	RPD Limit	Qual
Batch ID: 383986 Date: 05/20/2015 09:54 Prep Batch: 383817 Date: 05/19/2015 10:07							
351.2		640-51182-M-2-B	Nitrogen, Kjeldahl	0.20 mg/L			U
351.2		640-51182-M-2-B	Nitrogen, Kjeldahl	0.20 mg/L	NC	40	U
		DU					

Calculations are performed before rounding to avoid round-off errors in calculated results.

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 298737 Date: 05/15/2015 02:29											
						LCS Source: WThcrwLCS_00057					
7196A	LCSSRM 460-298737/10	Cr (VI)	76.08		ug/L	73.8	103.1	87.3-110.2			
Batch ID: 300379 Date: 05/21/2015 13:58											
						LCS Source: WTTocLCS_00028					
9060A	LCSSRM 460-300379/4	Total Organic Carbon	78.10		mg/L	77.6	100.6	87.8-112.0			
Batch ID: 298874 Date: 05/15/2015 12:22											
						LCS Source: WTTdsLCS_00080					
SM 2540C	LCSSRM 460-298874/2	Total Dissolved Solids	366.0		mg/L	335	109.3	84.5-109.9			
Batch ID: 299215 Date: 05/18/2015 09:00											
						LCS Source: WTTssLCS_00055					
SM 2540D	LCSSRM 460-299215/2	Total Suspended Solids	56.00		mg/L	55.2	101.4	82.8-107.1			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Savannah Job No.: 460-94855-1

SDG No.: _____

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 383986 Date: 05/20/2015 09:46 Prep Batch: 383817 Date: 05/19/2015 10:07											
LCS Source: 100 TPTKN_00068											
351.2	LCS 680-383817/2- A	Nitrogen, Kjeldahl	2.12		mg/L	2.00	106	75-125			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-94855-1
SDG Number: _____
Matrix: Water Instrument ID: WetHexSpec
Method: 7196A MDL Date: 03/10/2015 12:06

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Cr (VI)		10	4.87

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-94855-1
SDG Number: _____
Matrix: Water Instrument ID: WetHexSpec
Method: 7196A XMDL Date: 03/10/2015 12:06

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Cr (VI)		10	4.87

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-94855-1
SDG Number: _____
Matrix: Water Instrument ID: TOC_Shimadzu3
Method: 9060A MDL Date: 11/17/2014 14:02

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Total Organic Carbon		1	0.14

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-94855-1
SDG Number: _____
Matrix: Water Instrument ID: TOC_Shimadzu3
Method: 9060A XMDL Date: 11/17/2014 14:02

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Total Organic Carbon		1	0.14

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-94855-1
SDG Number: _____
Matrix: Water Instrument ID: NOEQUIP
Method: SM 2540C MDL Date: 02/11/2014 10:19

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Total Dissolved Solids		10	10

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-94855-1
SDG Number: _____
Matrix: Water Instrument ID: NOEQUIP
Method: SM 2540C XMDL Date: 02/11/2014 10:55

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Total Dissolved Solids		10	10

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-94855-1
SDG Number: _____
Matrix: Water Instrument ID: NOEQUIP
Method: SM 2540D RL Date: 10/05/2006 13:37

Analyte	Wavelength/ Mass	RL (mg/L)	
Total Suspended Solids		10	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-94855-1
SDG Number: _____
Matrix: Water Instrument ID: NOEQUIP
Method: SM 2540D XMDL Date: 02/11/2014 10:55

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Total Suspended Solids		10	10

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Savannah Job Number: 460-94855-1
SDG Number: _____
Matrix: Water Instrument ID: LACHAT3
Method: 351.2 MDL Date: 12/10/2014 00:00
Prep Method: Digestion

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Nitrogen, Kjeldahl		0.2	0.1

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Savannah Job Number: 460-94855-1
SDG Number: _____
Matrix: Water Instrument ID: LACHAT3
Method: 351.2 XMDL Date: 12/10/2014 00:00

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Nitrogen, Kjeldahl		0.2	0.1

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Savannah Job No.: 460-94855-1

SDG No.: _____

Prep Method: Digestion

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 680-383817/1-A	05/19/2015 10:07	383817		40	40
LCS 680-383817/2-A	05/19/2015 10:07	383817		40	40
460-94855-5	05/19/2015 10:07	383817		20	20
460-94855-5 MS	05/19/2015 10:07	383817		20	20
460-94855-5 MSD	05/19/2015 10:07	383817		20	20
640-51182-M-2-B DU	05/19/2015 10:07	383817		20	20
460-94855-6	05/19/2015 10:07	383817		20	20

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Instrument ID: WetHexSpec Method: 7196A

Start Date: 05/15/2015 02:29 End Date: 05/15/2015 02:29

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				C r 6																	
IC 460-298737/1			02:29	X																	
IC 460-298737/2			02:29	X																	
IC 460-298737/3			02:29	X																	
IC 460-298737/4			02:29	X																	
IC 460-298737/5			02:29	X																	
IC 460-298737/6			02:29	X																	
ICV 460-298737/7	1		02:29	X																	
ICB 460-298737/8	1		02:29	X																	
MB 460-298737/9	1	T	02:29	X																	
LCSSRM 460-298737/10	1	T	02:29	X																	
460-94855-5	1	T	02:29	X																	
460-94855-5 DU	1	T	02:29	X																	
460-94855-5 MS	1	T	02:29	X																	
460-94855-6	1	T	02:29	X																	
ZZZZZZ			02:29																		
CCV 460-298737/16	1		02:29	X																	
CCB 460-298737/17	1		02:29	X																	

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Instrument ID: TOC_Shimadzu3 Method: 9060A

Start Date: 05/21/2015 12:44 End Date: 05/21/2015 22:26

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				T O C																	
ICV 460-300379/1	1		12:44	X																	
ICB 460-300379/2	1		13:09	X																	
MB 460-300379/3	1	T	13:33	X																	
LCSSRM 460-300379/4	1	T	13:58	X																	
460-94855-10	1	T	15:31	X																	
460-94855-10 MS	1	T	15:56	X																	
460-94855-10 MSD	1	T	16:24	X																	
460-94855-11	1	T	16:50	X																	
ZZZZZZ			17:14																		
ZZZZZZ			17:38																		
ZZZZZZ			18:01																		
ZZZZZZ			18:24																		
CCV 460-300379/13	1		18:49	X																	
CCB 460-300379/14	1		19:15	X																	
ZZZZZZ			19:38																		
ZZZZZZ			20:01																		
ZZZZZZ			20:25																		
ZZZZZZ			20:49																		
ZZZZZZ			21:12																		
ZZZZZZ			21:36																		
CCV 460-300379/21			22:00																		
CCB 460-300379/22			22:26																		

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Instrument ID: NOEQUIP Method: SM 2540C

Start Date: 05/15/2015 12:22 End Date: 05/15/2015 12:22

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				T D S																	
MB 460-298874/1	1	T	12:22	X																	
LCSSRM 460-298874/2	1	T	12:22	X																	
ZZZZZZ			12:22																		
460-94785-D-1 DU	1	T	12:22	X																	
ZZZZZZ			12:22																		
ZZZZZZ			12:22																		
ZZZZZZ			12:22																		
ZZZZZZ			12:22																		
ZZZZZZ			12:22																		
ZZZZZZ			12:22																		
460-94855-5	1	T	12:22	X																	
460-94855-7	1	T	12:22	X																	
460-94855-8	1	T	12:22	X																	

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Instrument ID: NOEQUIP Method: SM 2540D

Start Date: 05/18/2015 09:00 End Date: 05/18/2015 13:20

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				T S S																	
MB 460-299215/1	1	T	09:00	X																	
LCSSRM 460-299215/2	1	T	09:00	X																	
ZZZZZZ			09:00																		
460-94874-A-1 DU	1	T	09:00	X																	
ZZZZZZ			09:00																		
ZZZZZZ			09:00																		
ZZZZZZ			09:00																		
460-94855-1	1	T	09:00	X																	
460-94855-2	1	T	09:00	X																	
460-94855-3	1	T	09:00	X																	
460-94855-4	1	T	09:00	X																	
ZZZZZZ			09:00																		
ZZZZZZ			09:00																		
ZZZZZZ			13:20																		
460-94874-A-5 DU	1	T	13:20	X																	
460-94855-7	1	T	13:20	X																	
460-94855-10	1	T	13:20	X																	
ZZZZZZ			13:20																		
ZZZZZZ			13:20																		
ZZZZZZ			13:20																		
ZZZZZZ			13:20																		
ZZZZZZ			13:20																		
ZZZZZZ			13:20																		
ZZZZZZ			13:20																		
ZZZZZZ			13:20																		

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Savannah Job No.: 460-94855-1

SDG No.: _____

Instrument ID: LACHAT3 Method: 351.2

Start Date: 05/20/2015 09:31 End Date: 05/20/2015 10:55

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				T K N																	
IC 680-383986/1			09:31	X																	
IC 680-383986/2			09:32	X																	
IC 680-383986/3			09:33	X																	
IC 680-383986/4			09:34	X																	
IC 680-383986/5			09:36	X																	
IC 680-383986/6			09:37	X																	
IC 680-383986/7			09:38	X																	
IC 680-383986/8			09:39	X																	
ICV 680-383986/9	1		09:40	X																	
ICB 680-383986/10	1		09:41	X																	
CCV 680-383986/11	1		09:42	X																	
CCB 680-383986/12	1		09:43	X																	
MB 680-383817/1-A	1	T	09:44	X																	
LCS 680-383817/2-A	1	T	09:46	X																	
460-94855-5	1	T	09:47	X																	
460-94855-5 MS	1	T	09:48	X																	
460-94855-5 MSD	1	T	09:49	X																	
ZZZZZZ			09:50																		
ZZZZZZ			09:51																		
ZZZZZZ			09:52																		
ZZZZZZ			09:53																		
640-51182-M-2-B DU	1	T	09:54	X																	
CCV 680-383986/23	1		09:55	X																	
CCB 680-383986/24	1		09:56	X																	
ZZZZZZ			09:58																		
ZZZZZZ			09:59																		
ZZZZZZ			10:00																		
ZZZZZZ			10:01																		
ZZZZZZ			10:02																		
ZZZZZZ			10:03																		
ZZZZZZ			10:04																		
ZZZZZZ			10:05																		
ZZZZZZ			10:06																		
ZZZZZZ			10:07																		
CCV 680-383986/35	1		10:08	X																	
CCB 680-383986/36	1		10:10	X																	
ZZZZZZ			10:11																		
460-94855-6	1	T	10:12	X																	
ZZZZZZ			10:13																		
ZZZZZZ			10:14																		
ZZZZZZ			10:15																		
ZZZZZZ			10:16																		

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Savannah Job No.: 460-94855-1

SDG No.: _____

Instrument ID: LACHAT3 Method: 351.2

Start Date: 05/20/2015 09:31 End Date: 05/20/2015 10:55

Lab Sample ID	D / F	T y p e	Time	Analytes															
				T K N															
ZZZZZZ			10:17																
ZZZZZZ			10:18																
ZZZZZZ			10:19																
ZZZZZZ			10:20																
CCV 680-383986/47	1		10:21	X															
CCB 680-383986/48	1		10:23	X															
ZZZZZZ			10:24																
ZZZZZZ			10:25																
ZZZZZZ			10:26																
ZZZZZZ			10:27																
ZZZZZZ			10:28																
ZZZZZZ			10:29																
ZZZZZZ			10:30																
ZZZZZZ			10:31																
ZZZZZZ			10:33																
ZZZZZZ			10:34																
CCV 680-383986/59			10:35																
CCB 680-383986/60			10:36																
ZZZZZZ			10:37																
ZZZZZZ			10:38																
ZZZZZZ			10:39																
ZZZZZZ			10:40																
ZZZZZZ			10:41																
ZZZZZZ			10:43																
ZZZZZZ			10:44																
ZZZZZZ			10:45																
ZZZZZZ			10:46																
ZZZZZZ			10:47																
CCV 680-383986/71			10:48																
CCB 680-383986/72			10:49																
ZZZZZZ			10:50																
ZZZZZZ			10:51																
CCV 680-383986/75			10:54																
CCB 680-383986/76			10:55																

Prep Types
T = Total/NA

Calibration

Calib 298737-0 / Cr (VI)

Curve Type: Linear
Weighting: None
Origin: None
Dependency: Concentration
Calib Mode: ESTD
RF Rounding: 0

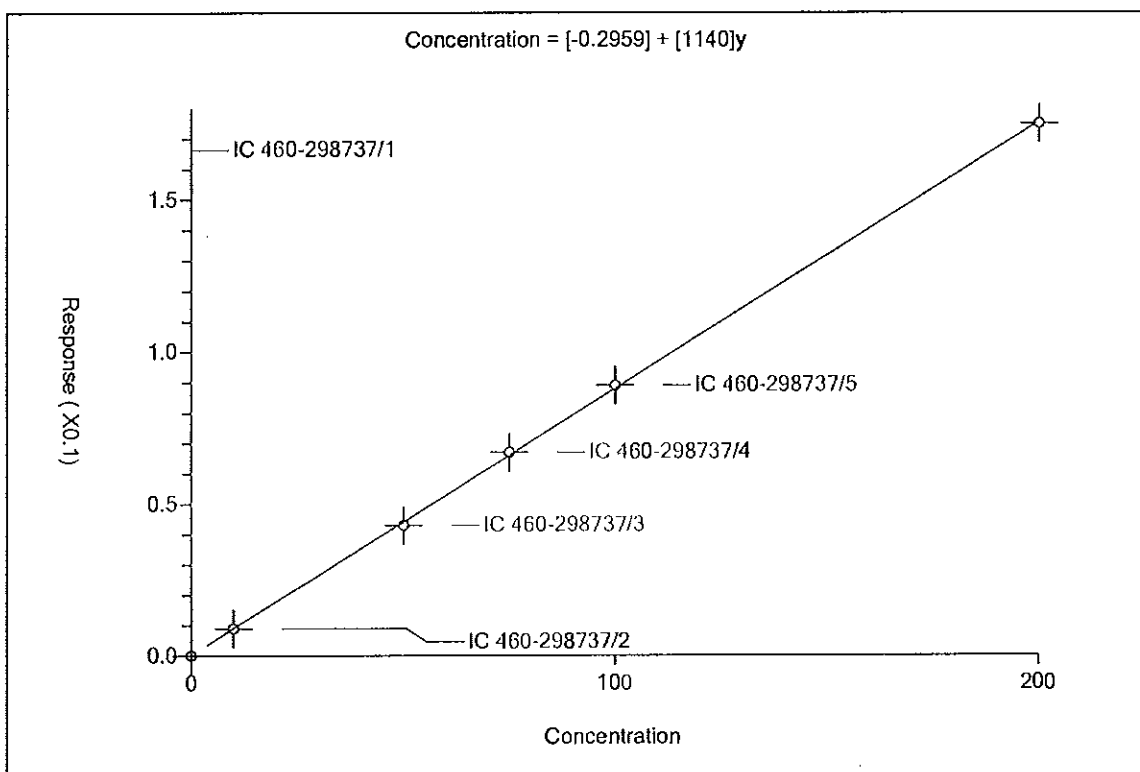
Curve Coefficients

Intercept: -0.2959
Slope: 1140

Error Coefficients

Standard Error: 1.10
Relative Standard Error: NC
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 1.000 (1.000)

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 460-298737/1	0.0	0.0			NaN	Y
2	IC 460-298737/2	10.0	0.009			0.0009	Y
3	IC 460-298737/3	50.0	0.043			0.00086	Y
4	IC 460-298737/4	75.0	0.067			0.000893	Y
5	IC 460-298737/5	100.0	0.089			0.00089	Y
6	IC 460-298737/6	200.0	0.175			0.000875	Y



Job# 94855 & 94837
Batch# 298737

Sample	bi	Abs	BG - pH	TpH - Tread	Final pH
0		0.080		01/53/02/16	2.01
10		0.009			1.90
50		0.043			1.96
75		0.067			1.96
100		0.089			1.97
200		0.175			1.96
TCV		0.064			1.95
TCB		0.000			1.95
MB		0.000			1.95
LCS		0.067			1.93
94855-5		0.000	0.000 / 1.93		2.00
94855-5 BU		0.000	0.000 / 1.93		1.98
94855-5 MS		0.024	0.000 / 2.06		1.98
94855-6		0.003	0.000 / 1.91		1.96
94837-7		0.017	0.012 / 2.29		1.96
CCV		0.064	—		1.88
CCB		0.000	—	02/10 / 02/29	1.87

Continued on Page

Read and Understood By

P.P.

Signed

05/15/2015

Date

Signed

Date

TOC-Control L Report

Test America, INC.
150521.tlx

Instr.Information

Catalyst Regular Sensitivity

Sample

Sample Name: Untitled
Sample ID: ICV
Object ID: 0L-10000101016-04900389-13378F91DE92-0000
Origin: 9060.met
Status: Completed
Chk. Result:

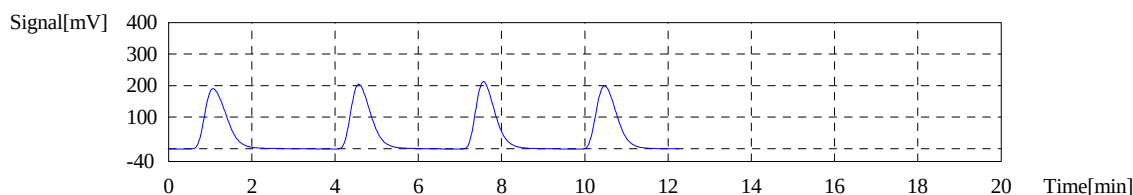
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:52.12ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	704.4	52.15ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 12:44:00 PM
2	700.5	51.86ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 12:47:18 PM
3	707.2	52.36ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 12:50:28 PM
4	703.9	52.11ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 12:53:37 PM

Mean Area 704.0
Mean Conc. 52.12ppm
Vial 1



Sample

Sample Name: Untitled
Sample ID: ICB
Object ID: 0L-10000101016-04900389-13378F91DE92-0001
Origin: 9060.met
Status: Completed
Chk. Result:

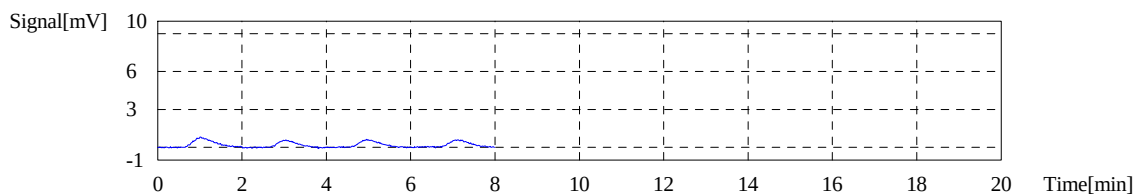
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.1537ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2.845	0.1956ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 1:09:59 PM
2	2.199	0.1477ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 1:12:12 PM
3	2.290	0.1545ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 1:14:33 PM
4	1.782	0.1168ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 1:16:46 PM

Mean Area 2.279
Mean Conc. 0.1537ppm
Vial 2



TOC-Control L Report

Test America, INC.
150521.tlx

Sample

Sample Name: Untitled
Sample ID: MB
Object ID: 0L-10000101016-04900389-13378F91DE92-0002
Origin: 9060.met
Status: Completed
Chk. Result:

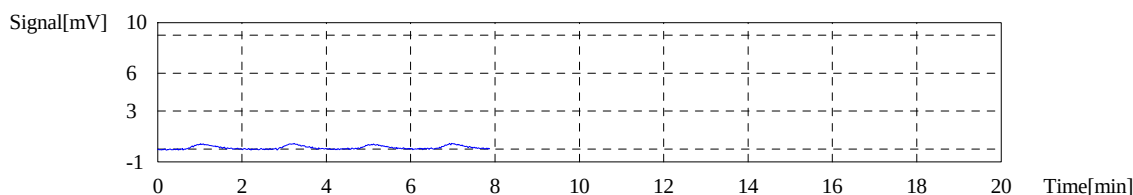
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.09217ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1.743	0.1140ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 1:33:18 PM
2	1.497	0.09574ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 1:35:27 PM
3	1.130	0.06856ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 1:37:35 PM
4	1.425	0.09041ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 1:39:45 PM

Mean Area: 1.449
Mean Conc.: 0.09217ppm
Vial: 3



Sample

Sample Name: Untitled
Sample ID: LCSSRM
Object ID: 0L-10000101016-04900389-13378F91DE92-0003
Origin: 9060.met
Status: Completed
Chk. Result:

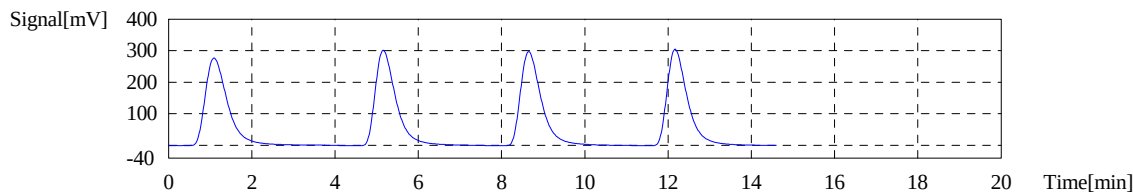
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:78.09ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1051	77.82ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 1:58:13 PM
2	1056	78.19ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 2:01:58 PM
3	1052	77.89ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 2:05:46 PM
4	1060	78.48ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 2:09:36 PM

Mean Area: 1055
Mean Conc.: 78.09ppm
Vial: 4



Sample

TOC-Control L Report

Test America, INC.
150521.tlx

Sample Name: Untitled
Sample ID: 460-94855-d-10
Object ID: 0L-10000101016-04900389-13378F9233E7-0000
Origin: 9060.met
Status: Completed
Chk. Result

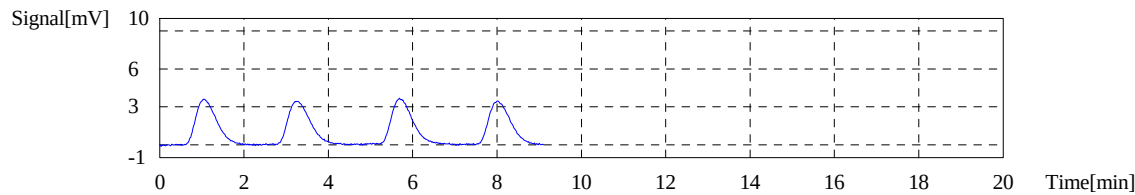
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.9324ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	12.61	0.9187ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 3:31:28 PM
2	12.90	0.9402ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 3:34:08 PM
3	12.93	0.9424ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 3:36:45 PM
4	12.74	0.9283ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 3:39:07 PM

Mean Area 12.80
Mean Conc. 0.9324ppm
Vial 5



Sample

Sample Name: Untitled
Sample ID: 460-94855-d-10 MS
Object ID: 0L-10000101016-04900389-13378F9233E7-0001
Origin: 9060.met
Status: Completed
Chk. Result

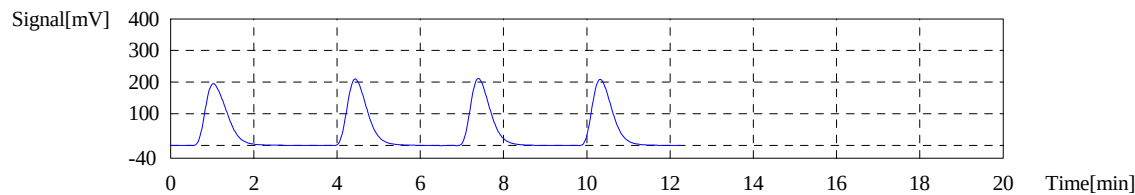
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:52.94ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	712.9	52.78ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 3:56:52 PM
2	719.6	53.27ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 4:00:07 PM
3	714.2	52.87ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 4:03:19 PM
4	713.6	52.83ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 4:06:33 PM

Mean Area 715.1
Mean Conc. 52.94ppm
Vial 6



Sample

Sample Name: Untitled
Sample ID: 460-94855-d-10 MSD
Object ID: 0L-10000101016-04900389-13378F923410-0000
Origin: 9060.met
Status: Completed
Chk. Result

TOC-Control L Report

Test America, INC.
150521.tlx

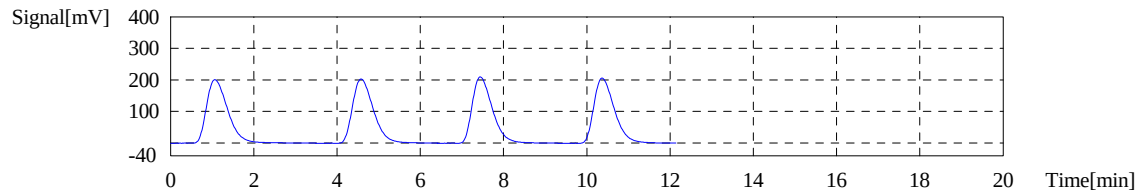
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:52.86ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	718.6	53.20ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 4:24:24 PM
2	713.3	52.81ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 4:27:34 PM
3	712.0	52.71ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 4:30:45 PM
4	712.0	52.71ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 4:33:52 PM

Mean Area 714.0
Mean Conc. 52.86ppm
Vial 7



Sample

Sample Name: Untitled
Sample ID: 460-94855-a-11
Object ID: 0L-10000101016-04900389-13378F923410-0001
Origin: 9060.met
Status: Completed
Chk. Result:

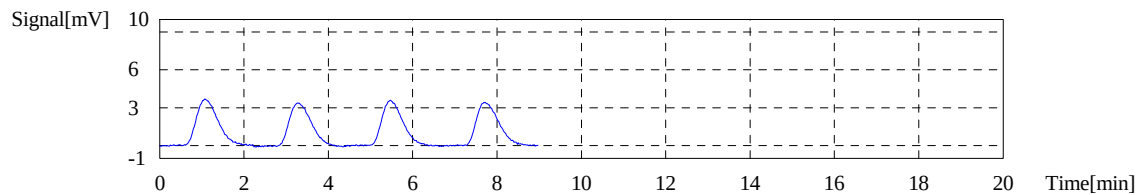
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.9563ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	13.43	0.9794ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 4:50:29 PM
2	13.17	0.9602ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 4:52:54 PM
3	12.92	0.9417ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 4:55:24 PM
4	12.95	0.9439ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 4:57:54 PM

Mean Area 13.12
Mean Conc. 0.9563ppm
Vial 8



Sample

Sample Name: Untitled
Sample ID: 460-94918-m-2
Object ID: 0L-10000101016-04900389-13378F923410-0002
Origin: 9060.met
Status: Completed
Chk. Result:

Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.5531ppm

1. Det

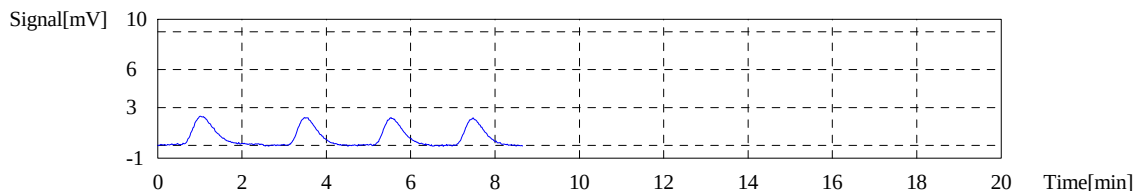
Anal.: NPOC

TOC-Control L Report

Test America, INC.
150521.tlx

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	8.366	0.6044ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 5:14:46 PM
2	7.718	0.5564ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 5:17:04 PM
3	7.201	0.5182ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 5:19:15 PM
4	7.405	0.5333ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 5:21:39 PM

Mean Area 7.673
Mean Conc. 0.5531ppm
Vial 9



Sample

Sample Name: Untitled
Sample ID: 460-94918-m-3
Object ID: 0L-10000101016-04900389-13378F923410-0003
Origin: 9060.met
Status: Completed
Chk. Result:

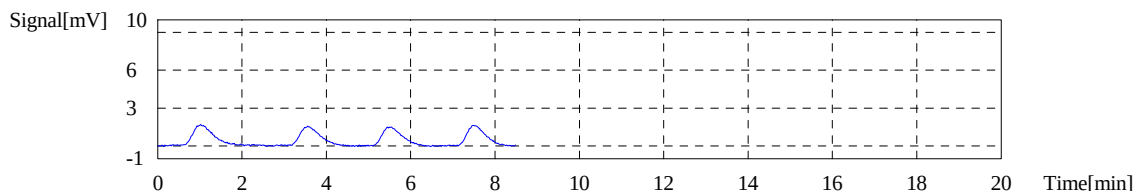
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.3802ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.371	0.4567ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 5:38:33 PM
2	5.107	0.3631ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 5:40:46 PM
3	4.929	0.3499ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 5:43:01 PM
4	4.948	0.3513ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 5:45:13 PM

Mean Area 5.339
Mean Conc. 0.3802ppm
Vial 10



Sample

Sample Name: Untitled
Sample ID: 460-94918-m-4
Object ID: 0L-10000101016-04900389-13378F923410-0004
Origin: 9060.met
Status: Completed
Chk. Result:

Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.3520ppm

1. Det

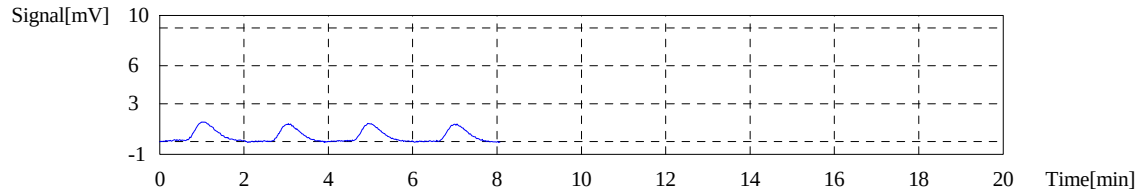
Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	5.276	0.3756ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 6:01:37 PM
2	4.825	0.3422ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 6:03:47 PM
3	4.945	0.3511ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 6:06:05 PM
4	4.782	0.3390ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 6:08:23 PM

TOC-Control L Report

Test America, INC.
150521.tlx

Mean Area 4.957
Mean Conc. 0.3520ppm
Vial 11



Sample

Sample Name: Untitled
Sample ID: 460-94918-m-5
Object ID: 0L-10000101016-04900389-13378F923410-0005
Origin: 9060.met
Status: Completed
Chk. Result:

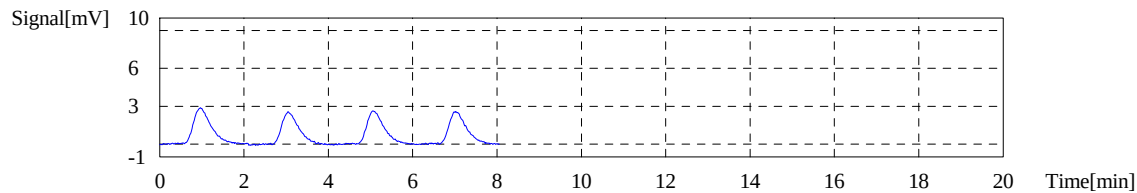
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.5527ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	7.898	0.5698ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 6:24:52 PM
2	7.426	0.5348ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 6:27:07 PM
3	7.644	0.5510ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 6:29:24 PM
4	7.701	0.5552ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 6:31:36 PM

Mean Area 7.667
Mean Conc. 0.5527ppm
Vial 12



Sample

Sample Name: Untitled
Sample ID: CCV
Object ID: 0L-10000101016-04900389-13378F923410-0006
Origin: 9060.met
Status: Completed
Chk. Result:

Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:52.12ppm

1. Det

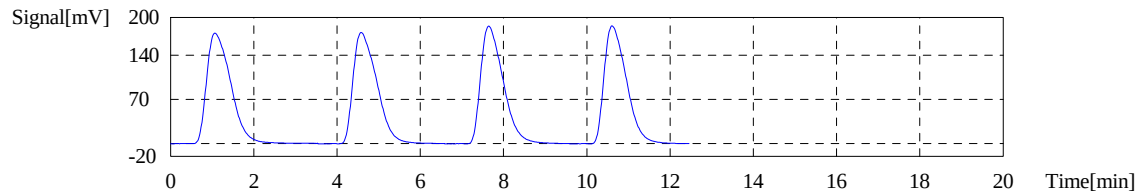
Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	708.3	52.44ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 6:49:30 PM
2	700.6	51.87ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 6:52:48 PM
3	706.1	52.28ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 6:56:05 PM
4	701.0	51.90ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 6:59:15 PM

TOC-Control L Report

Test America, INC.
150521.tlx

Mean Area 704.0
Mean Conc. 52.12ppm
Vial 13



Sample

Sample Name: Untitled
Sample ID: CCB
Object ID: 0L-10000101016-04900389-13378F923410-0007
Origin: 9060.met
Status: Completed
Chk. Result:

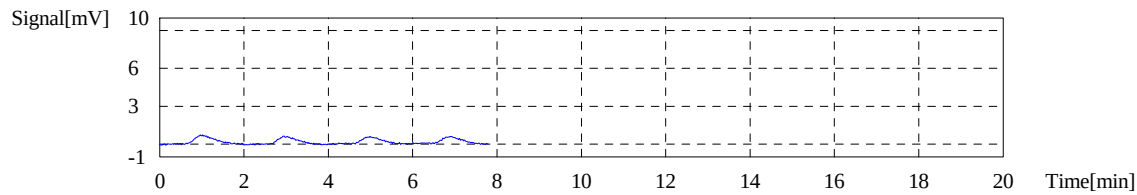
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.1554ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2.869	0.1973ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 7:15:37 PM
2	2.301	0.1553ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 7:18:00 PM
3	2.204	0.1481ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 7:20:08 PM
4	1.836	0.1208ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 7:22:16 PM

Mean Area 2.303
Mean Conc. 0.1554ppm
Vial 14



Sample

Sample Name: Untitled
Sample ID: 460-94918-m-6
Object ID: 0L-10000101016-04900389-13378F923410-0008
Origin: 9060.met
Status: Completed
Chk. Result:

Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.3060ppm

1. Det

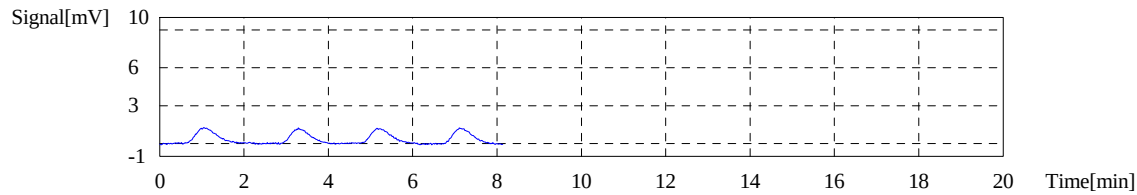
Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	4.359	0.3077ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 7:38:53 PM
2	4.125	0.2904ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 7:41:03 PM
3	4.175	0.2941ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 7:43:13 PM
4	4.685	0.3318ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 7:45:28 PM

TOC-Control L Report

Test America, INC.
150521.tlx

Mean Area 4.336
Mean Conc. 0.3060ppm
Vial 15



Sample

Sample Name: Untitled
Sample ID: 460-94918-n-7
Object ID: 0L-10000101016-04900389-13378F923410-0009
Origin: 9060.met
Status: Completed
Chk. Result:

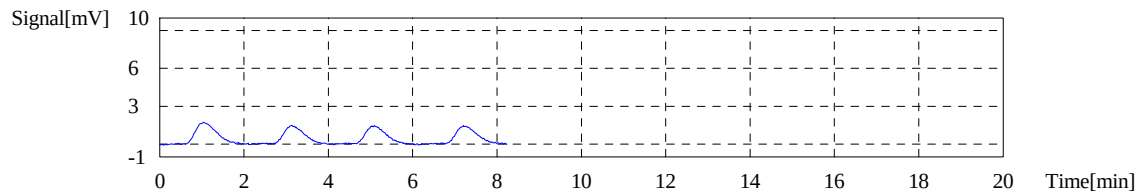
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.3875ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.158	0.4409ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 8:01:56 PM
2	5.182	0.3686ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 8:04:06 PM
3	5.312	0.3783ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 8:06:32 PM
4	5.093	0.3620ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 8:08:48 PM

Mean Area 5.436
Mean Conc. 0.3875ppm
Vial 16



Sample

Sample Name: Untitled
Sample ID: 460-94953-o-5
Object ID: 0L-10000101016-04900389-13378F923410-000A
Origin: 9060.met
Status: Completed
Chk. Result:

Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.3292ppm

1. Det

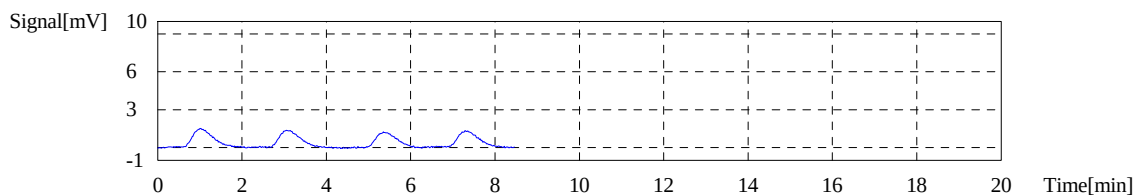
Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	4.898	0.3476ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 8:25:13 PM
2	5.127	0.3646ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 8:27:52 PM
3	4.239	0.2988ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 8:30:03 PM
4	4.332	0.3057ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 8:32:26 PM

TOC-Control L Report

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150521.tlx

Mean Area 4.649
Mean Conc. 0.3292ppm
Vial 17



Sample

Sample Name: Untitled
Sample ID: 460-94953-o-2
Object ID: 0L-10000101016-04900389-13378F923410-000B
Origin: 9060.met
Status: Completed
Chk. Result

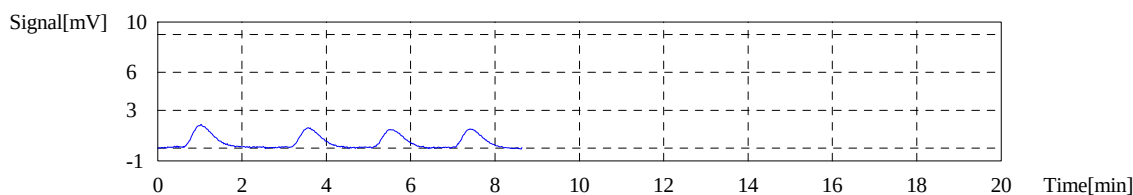
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.4081ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.866	0.4933ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 8:49:21 PM
2	5.217	0.3712ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 8:51:34 PM
3	5.146	0.3660ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 8:53:45 PM
4	5.628	0.4017ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 8:56:12 PM

Mean Area 5.714
Mean Conc. 0.4081ppm
Vial 18



Sample

Sample Name: Untitled
Sample ID: 460-94953-o-3
Object ID: 0L-10000101016-04900389-13378F923410-000C
Origin: 9060.met
Status: Completed
Chk. Result

Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.3387ppm

1. Det

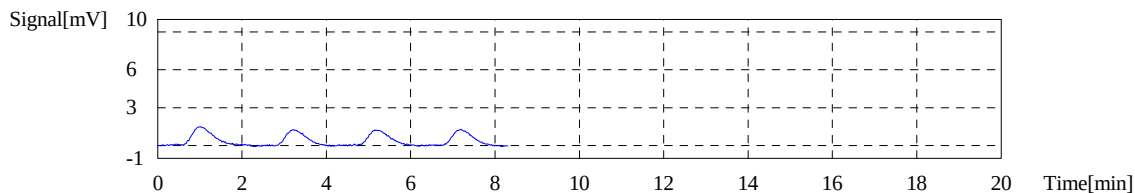
Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	5.348	0.3809ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 9:12:46 PM
2	4.696	0.3326ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 9:14:58 PM
3	4.349	0.3069ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 9:17:12 PM
4	4.717	0.3342ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 9:19:34 PM

TOC-Control L Report

Test America, INC.
150521.tlx

Mean Area 4.777
Mean Conc. 0.3387ppm
Vial 19



Sample

Sample Name: Untitled
Sample ID: 460-94953-o-1
Object ID: 0L-10000101016-04900389-13378F923411-0000
Origin: 9060.met
Status: Completed
Chk. Result:

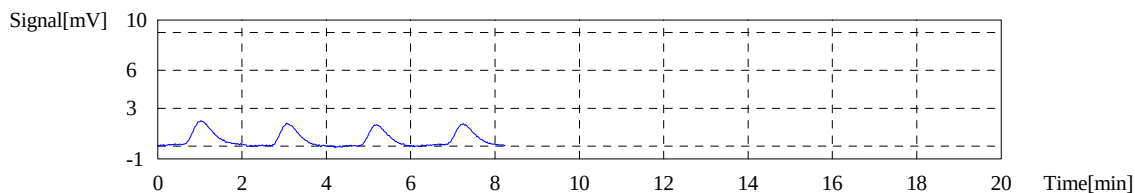
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.4335ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.628	0.4757ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 9:36:02 PM
2	5.982	0.4279ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 9:38:21 PM
3	5.909	0.4225ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 9:40:42 PM
4	5.715	0.4081ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 9:42:55 PM

Mean Area 6.058
Mean Conc. 0.4335ppm
Vial 20



Sample

Sample Name: Untitled
Sample ID: CCV
Object ID: 0L-10000101016-04900389-13378F923411-0001
Origin: 9060.met
Status: Completed
Chk. Result:

Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:52.62ppm

1. Det

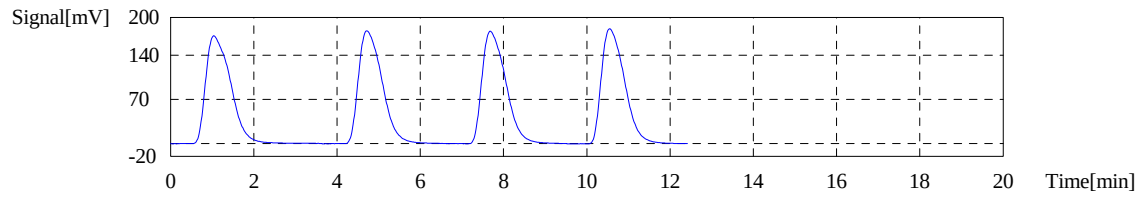
Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	714.2	52.87ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 10:00:55 PM
2	711.2	52.65ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 10:04:12 PM
3	709.4	52.52ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 10:07:28 PM
4	708.4	52.45ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 10:10:38 PM

TOC-Control L Report

Test America, INC.
150521.tlx

Mean Area 710.8
Mean Conc. 52.62ppm
Vial 21



Sample

Sample Name: Untitled
Sample ID: CCB
Object ID: 0L-10000101016-04900389-13378F923411-0002
Origin: 9060.met
Status: Completed
Chk. Result:

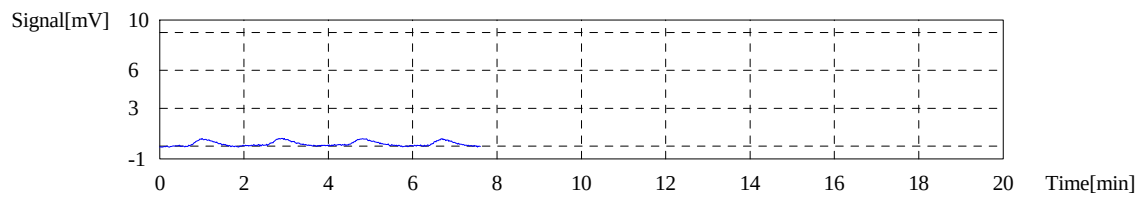
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.1378ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2.240	0.1508ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 10:26:54 PM
2	2.013	0.1340ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 10:29:03 PM
3	1.983	0.1317ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 10:31:10 PM
4	2.025	0.1348ppm	150uL	1.000		HV150501.2015_05_01_13_52_59.cal	5/21/2015 10:33:17 PM

Mean Area 2.065
Mean Conc. 0.1378ppm
Vial 22



	Sample ID	Origin	Manual Diluti	Result	Status	Date / Time	Vial
1	ICV	9060.met	1.000	NPOC:52.12	Completed	5/21/2015 12	1
2	ICB	9060.met	1.000	NPOC:0.153	Completed	5/21/2015 1:	2
3	MB	9060.met	1.000	NPOC:0.092	Completed	5/21/2015 1:	3
4	LCSSRM	9060.met	1.000	NPOC:78.09	Completed	5/21/2015 2:	4
5	460-94855-d-10	9060.met	1.000	NPOC:0.932	Completed	5/21/2015 3:	5
6	460-94855-d-10 MS	9060.met	1.000	NPOC:52.94	Completed	5/21/2015 4:	6
7	460-94855-d-10 MSD	9060.met	1.000	NPOC:52.86	Completed	5/21/2015 4:	7
8	460-94855-a-11	9060.met	1.000	NPOC:0.956	Completed	5/21/2015 4:	8
9	460-94918-m-2	9060.met	1.000	NPOC:0.553	Completed	5/21/2015 5:	9
10	460-94918-m-3	9060.met	1.000	NPOC:0.380	Completed	5/21/2015 5:	10
11	460-94918-m-4	9060.met	1.000	NPOC:0.352	Completed	5/21/2015 6:	11
12	460-94918-m-5	9060.met	1.000	NPOC:0.552	Completed	5/21/2015 6:	12
13	CCV	9060.met	1.000	NPOC:52.12	Completed	5/21/2015 6:	13
14	CCB	9060.met	1.000	NPOC:0.155	Completed	5/21/2015 7:	14
15	460-94918-m-6	9060.met	1.000	NPOC:0.306	Completed	5/21/2015 7:	15
16	460-94918-n-7	9060.met	1.000	NPOC:0.387	Completed	5/21/2015 8:	16
17	460-94953-o-5	9060.met	1.000	NPOC:0.329	Completed	5/21/2015 8:	17
18	460-94953-o-2	9060.met	1.000	NPOC:0.408	Completed	5/21/2015 8:	18
19	460-94953-o-3	9060.met	1.000	NPOC:0.338	Completed	5/21/2015 9:	19
20	460-94953-o-1	9060.met	1.000	NPOC:0.433	Completed	5/21/2015 9:	20
21	CCV	9060.met	1.000	NPOC:52.62	Completed	5/21/2015 10	21
22	CCB	9060.met	1.000	NPOC:0.137	Completed	5/21/2015 10	22

TOC-Control L Report

Test America, INC.
150501A.tlx

Instr. Information

Catalyst Regular Sensitivity

Cal. Curve

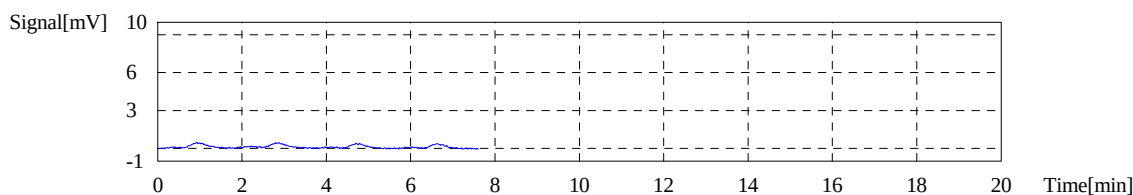
Sample Name: Untitled
Sample ID: Untitled
Object ID: 0L-10000101016-04900389-13378E520FEF-0000
Cal. Curve: HV150501.2015_05_01_13_52_59.cal
Status: Completed

Type	Anal.
Standard	NPOC

Conc: 0.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	1.371	50uL	1.000	*****		5/1/2015 2:09:51 PM
2	1.046	50uL	1.000	*****		5/1/2015 2:12:02 PM
3	1.102	50uL	1.000	*****		5/1/2015 2:14:10 PM
4	0.9584	50uL	1.000	*****		5/1/2015 2:16:18 PM

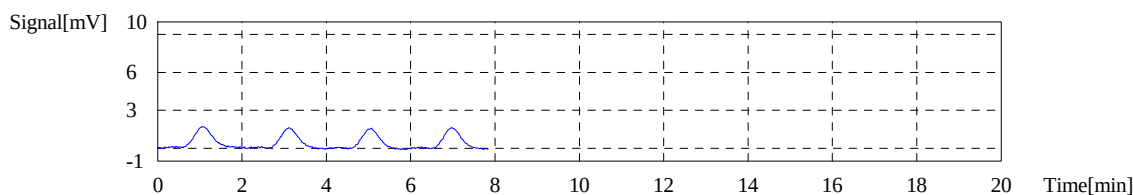
Acid Add. 1.500%
Spurge Gas Flow 80ml
Sp. Time 600.0sec
Mean Area 1.119



Conc: 1.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	5.376	50uL	1.000	*****		5/1/2015 2:32:46 PM
2	5.023	50uL	1.000	*****		5/1/2015 2:34:57 PM
3	4.826	50uL	1.000	*****		5/1/2015 2:37:08 PM
4	5.003	50uL	1.000	*****		5/1/2015 2:39:16 PM

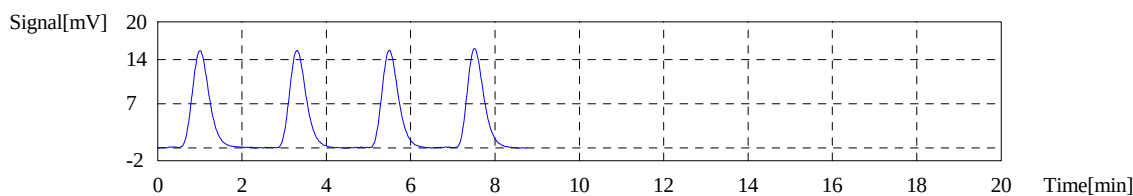
Acid Add. 1.500%
Spurge Gas Flow 80ml
Sp. Time 600.0sec
Mean Area 5.057



Conc: 10.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	43.81	50uL	1.000	*****		5/1/2015 2:55:59 PM
2	43.25	50uL	1.000	*****		5/1/2015 2:58:25 PM
3	42.63	50uL	1.000	*****		5/1/2015 3:00:41 PM
4	43.81	50uL	1.000	*****		5/1/2015 3:03:07 PM

Acid Add. 1.500%
Spurge Gas Flow 80ml
Sp. Time 600.0sec
Mean Area 43.38



Conc: 100.0mg/L

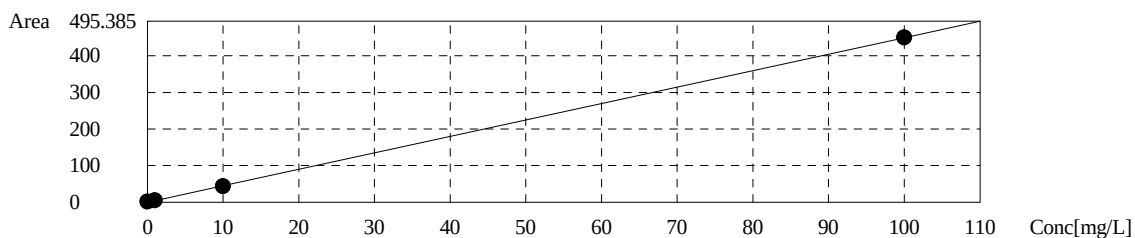
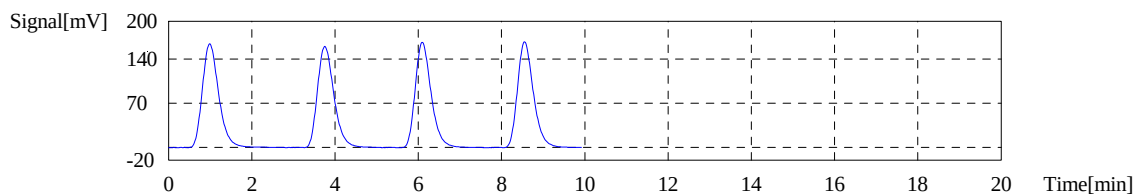
TOC-Control L Report

Test America, INC.
150501A.tlx

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	454.9	50uL	1.000	*****		5/1/2015 3:20:18 PM
2	445.5	50uL	1.000	*****		5/1/2015 3:22:53 PM
3	449.4	50uL	1.000	*****		5/1/2015 3:25:42 PM
4	451.6	50uL	1.000	*****		5/1/2015 3:28:17 PM

Acid Add. 1.500%
Spurge Gas Flow 80ml
Sp. Time 600.0sec
Mean Area 450.4

Slope: 4.501
Intercept 0.06805
r² 1.0000
r 1.0000
Zero Shift No



Original Run Filename: OM_5-20-2015_09-30-42AM.OMN Created: 5/20/2015 9:30:42 AM

Original Run Author's Signature: [rossje]

Current Run Filename: OM_5-20-2015_09-30-42AM.OMN Last Modified: 5/20/2015 10:57:38 AM

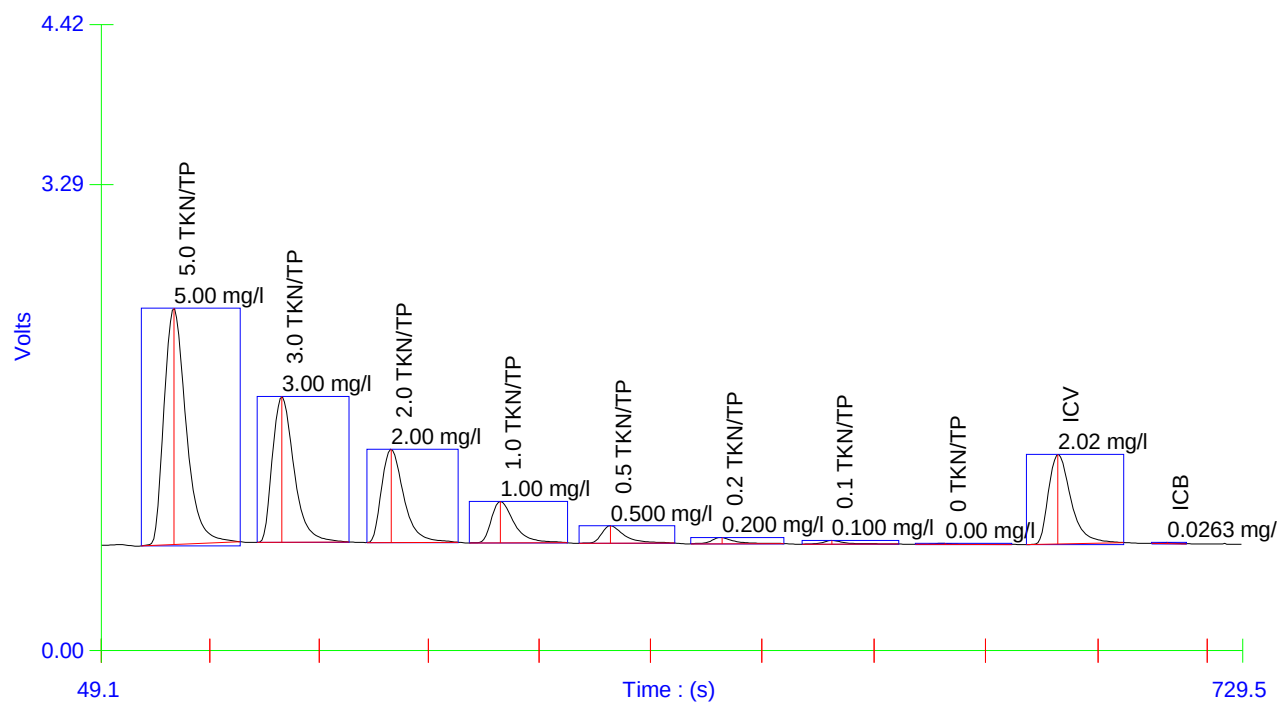
Current Run Author's Signature: [rossje]

Description: Lachat 3 TKN 351.2, Total Phos 365.4

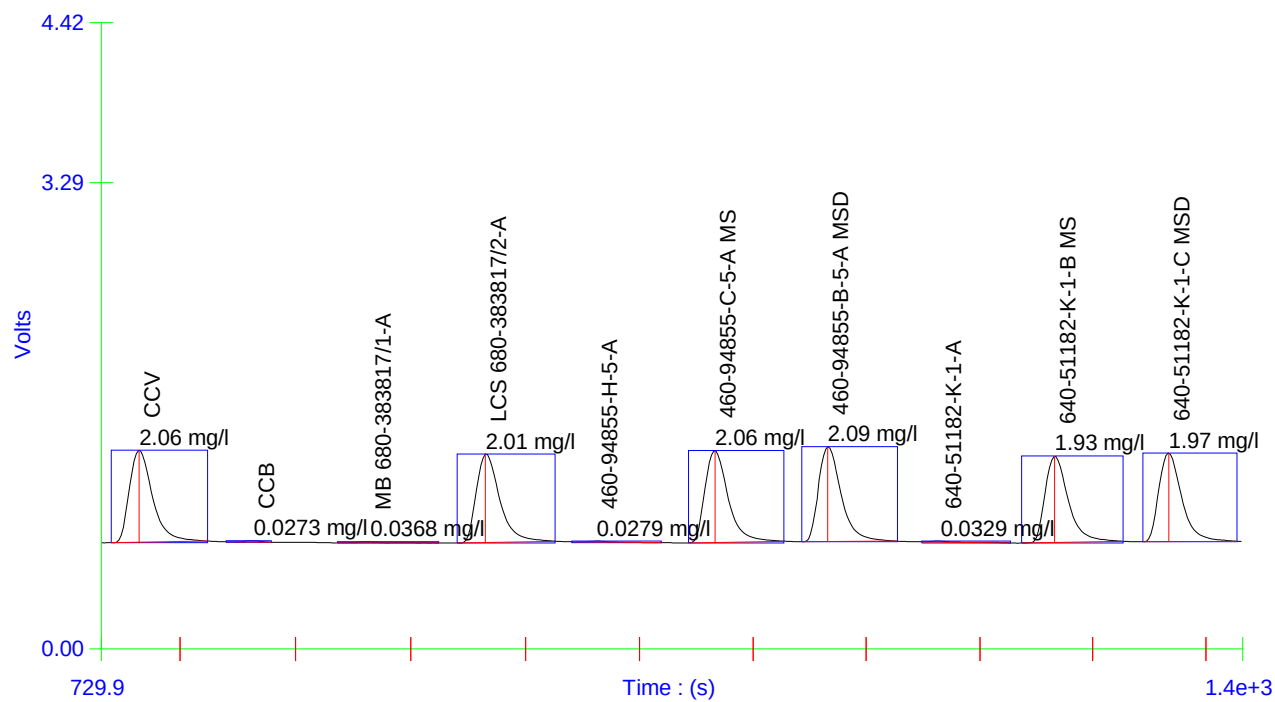
Sample	Rep.	Cup No.	Channel 1		Channel 2		Detection Time	MDF
			TPhos	TKN	Conc. (mg/l)	Area (V.s)		
5.0 TKN/TP	1	S1	5.00	25.4	5.00	10.1	5/20/2015@9:31:33 AM	
3.0 TKN/TP	1	S2	3.00	15.3	3.00	6.19	5/20/2015@9:32:38 AM	
2.0 TKN/TP	1	S3	2.00	10.1	2.00	4.34	5/20/2015@9:33:43 AM	
1.0 TKN/TP	1	S4	1.00	4.60	1.00	2.24	5/20/2015@9:34:48 AM	
0.5 TKN/TP	1	S5	0.500	1.96	0.500	1.14	5/20/2015@9:35:55 AM	
0.2 TKN/TP	1	S6	0.200	0.688	0.200	0.495	5/20/2015@9:37:01 AM	
0.1 TKN/TP	1	S7	0.100	0.406	0.100	0.330	5/20/2015@9:38:07 AM	
0 TKN/TP	1	S8	0.00	0.110	0.00	0.124	5/20/2015@9:39:15 AM	
ICV	1	1	2.02	9.74	2.04	4.26	5/20/2015@9:40:21 AM	
Known Conc:			2.00		2.00			
Calibration:			Table/Fig. : 1		Table/Fig. : 2			
ICB	1	S8	0.0263	0.0721	-0.0276	0.120	5/20/2015@9:41:28 AM	
Known Conc:			0.00		0.00			
CCV	1	S3	2.06	9.96	2.06	4.28	5/20/2015@9:42:33 AM	
Known Conc:			2.00		2.00			
CCB	1	S8	0.0273	0.0766	-0.0252	0.125	5/20/2015@9:43:40 AM	
Known Conc:			0.00		0.00			
MB 680-383817/1-A	1	2	0.0368	0.121	-0.0401	0.0952	5/20/2015@9:44:47 AM	
LCS 680-383817/2-A	1	3	2.01	9.68	2.12	4.40	5/20/2015@9:45:53 AM	
460-94855-H-5-A	1	4	0.0279	0.0794	0.214	0.603	5/20/2015@9:46:59 AM	
460-94855-C-5-A MS	1	5	2.06	9.96	2.34	4.84	5/20/2015@9:48:05 AM	
460-94855-B-5-A MSD	1	6	2.09	10.1	2.38	4.93	5/20/2015@9:49:10 AM	
640-51182-K-1-A	1	7	0.0329	0.103	-0.0152	0.145	5/20/2015@9:50:15 AM	
640-51182-K-1-B MS	1	8	1.93	9.32	1.94	4.05	5/20/2015@9:51:20 AM	
640-51182-K-1-C MSD	1	9	1.97	9.51	1.93	4.03	5/20/2015@9:52:25 AM	
640-51182-M-2-A	1	10	0.0217	0.0506	0.0227	0.221	5/20/2015@9:53:30 AM	
640-51182-M-2-B DU	1	11	0.0341	0.109	0.0256	0.226	5/20/2015@9:54:35 AM	
CCV	1	S3	2.04	9.87	2.03	4.23	5/20/2015@9:55:40 AM	
Known Conc:			2.00		2.00			
CCB	1	S8	0.0254	0.0680	-0.0251	0.125	5/20/2015@9:56:48 AM	
Known Conc:			0.00		0.00			
640-51182-M-3-A	1	12	0.0385	0.129	1.12e-3	0.178	5/20/2015@9:57:52 AM	
640-51182-M-4-A	1	13	0.0448	0.158	0.0189	0.213	5/20/2015@9:58:57 AM	
660-66901-A-1-A	1	14	3.88	19.5	0.304	0.783	5/20/2015@10:00:01 AM	
680-112566-D-1-A	1	15	1.87	9.01	37.2	74.5	5/20/2015@10:01:05 AM	
680-112594-B-1-A	1	16	0.0884	0.362	0.723	1.62	5/20/2015@10:02:11 AM	
680-112594-B-2-A	1	17	0.0425	0.148	0.292	0.758	5/20/2015@10:03:17 AM	
680-112594-B-3-A	1	18	0.0332	0.104	0.290	0.754	5/20/2015@10:04:24 AM	
680-112594-B-4-A	1	19	0.0493	0.179	0.293	0.761	5/20/2015@10:05:29 AM	
680-112618-D-1-A	1	20	0.0603	0.231	0.292	0.758	5/20/2015@10:06:36 AM	
680-112618-D-2-A	1	21	0.0985	0.410	0.322	0.818	5/20/2015@10:07:41 AM	
CCV	1	S3	2.03	9.79	2.02	4.20	5/20/2015@10:08:46 AM	
Known Conc:			2.00		2.00			
CCB	1	S8	0.0247	0.0648	-0.0236	0.128	5/20/2015@10:09:54 AM	
Known Conc:			0.00		0.00			
680-112618-D-3-A	1	22	0.0629	0.243	0.316	0.806	5/20/2015@10:11:00 AM	
460-94855-E-6-A	1	23	0.0412	0.142	0.279	0.732	5/20/2015@10:12:05 AM	
660-66862-F-1-A	1	24	1.42	6.78	16.6	33.2	5/20/2015@10:13:10 AM	
660-66885-E-1-A	1	25	0.0355	0.115	0.985	2.14	5/20/2015@10:14:15 AM	
660-66885-E-2-A	1	26	0.0634	0.245	2.34	4.84	5/20/2015@10:15:20 AM	
660-66885-E-3-A	1	27	0.0585	0.223	1.63	3.42	5/20/2015@10:16:25 AM	
660-66885-E-4-A	1	28	0.120	0.510	3.85	7.86	5/20/2015@10:17:30 AM	
MB 680-383819/1-A	1	29	0.0249	0.0654	-0.0244	0.127	5/20/2015@10:18:34 AM	
LCS 680-383819/2-A	1	30	1.97	9.52	2.10	4.36	5/20/2015@10:19:39 AM	
660-66882-G-1-A	1	31	2.48	12.1	0.553	1.28	5/20/2015@10:20:45 AM	
CCV	1	S3	2.07	10.0	2.03	4.23	5/20/2015@10:21:50 AM	
Known Conc:			2.00		2.00			
CCB	1	S8	0.0240	0.0615	-0.0303	0.115	5/20/2015@10:22:58 AM	

Known Conc:			0.00		0.00			
660-66882-G-1-B MS	1	32	4.67	24.0	2.88	5.92	5/20/2015@10:24:04 AM	
660-66882-G-1-C MSD	1	33	4.47	22.8	2.56	5.28	5/20/2015@10:25:11 AM	
660-66882-G-2-A	1	34	0.120	0.510	0.778	1.73	5/20/2015@10:26:17 AM	
660-66882-G-2-B DU	1	35	0.122	0.520	0.745	1.66	5/20/2015@10:27:23 AM	
660-66882-G-3-A	1	36	0.449	2.06	0.779	1.73	5/20/2015@10:28:29 AM	
660-66882-G-4-A	1	37	0.656	3.05	0.333	0.839	5/20/2015@10:29:35 AM	
660-66898-E-1-A	1	38	6.80	37.0	7.12	14.4	5/20/2015@10:30:40 AM	
660-66899-C-1-A	1	39	1.17	5.55	11.3	22.8	5/20/2015@10:31:46 AM	
680-112559-E-1-A	1	40	0.0976	0.406	29.8	59.7	5/20/2015@10:33:02 AM	
680-112547-A-1-A	1	41	0.473	2.18	7.31	14.8	5/20/2015@10:34:08 AM	
CCV	1	S3	2.07	10.0	2.03	4.22	5/20/2015@10:35:12 AM	
Known Conc:			2.00		2.00			
CCB	1	S8	0.0231	0.0572	-0.0230	0.129	5/20/2015@10:36:19 AM	
Known Conc:			0.00		0.00			
660-66897-B-2-A	1	42	6.82	37.1	7.55	15.2	5/20/2015@10:37:25 AM	
660-66918-C-1-A	1	43	1.13	5.35	8.19	16.5	5/20/2015@10:38:30 AM	
660-66927-I-1-A	1	44	0.0402	0.137	0.550	1.27	5/20/2015@10:39:35 AM	
680-112566-D-1-A@10	1	45	1.11	0.467	62.8	12.7	5/20/2015@10:40:39 AM	10.00
660-66862-F-1-A@10	1	46	0.994	0.414	17.8	3.72	5/20/2015@10:41:46 AM	10.00
660-66898-E-1-A@10	1	47	4.91	2.26	6.86	1.54	5/20/2015@10:42:52 AM	10.00
660-66899-C-1-A@10	1	48	0.747	0.298	11.5	2.48	5/20/2015@10:43:59 AM	10.00
680-112559-E-1-A@10	1	49	0.204	0.0447	39.8	8.12	5/20/2015@10:45:05 AM	10.00
680-112547-A-1-A@10	1	50	0.430	0.150	7.39	1.65	5/20/2015@10:46:12 AM	10.00
660-66897-B-2-A@10	1	51	5.06	2.33	7.24	1.62	5/20/2015@10:47:18 AM	10.00
CCV	1	S3	2.05	9.90	2.00	4.17	5/20/2015@10:48:22 AM	
Known Conc:			2.00		2.00			
CCB	1	S8	0.0235	0.0589	-0.0224	0.131	5/20/2015@10:49:30 AM	
Known Conc:			0.00		0.00			
660-66918-C-1-A@10	1	52	0.703	0.278	8.45	1.86	5/20/2015@10:50:36 AM	10.00
680-112566-D-1-A@20	1	53	1.17	0.223	62.5	6.42	5/20/2015@10:51:41 AM	20.00
CCV	1	S3	2.05	9.90	2.03	4.23	5/20/2015@10:54:39 AM	
Known Conc:			2.00		2.00			
CCB	1	S8	0.0230	0.0568	-0.0226	0.130	5/20/2015@10:55:46 AM	
Known Conc:			0.00		0.00			

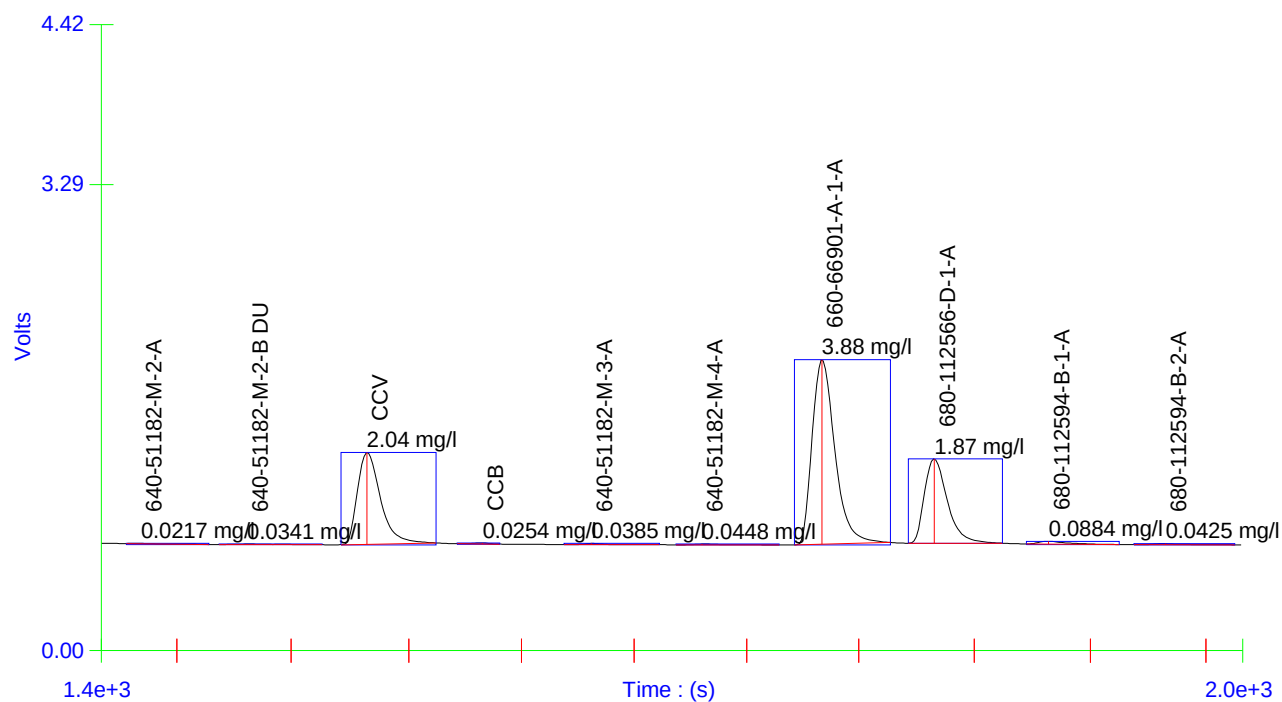
Channel 1 - Set: 1 / 8



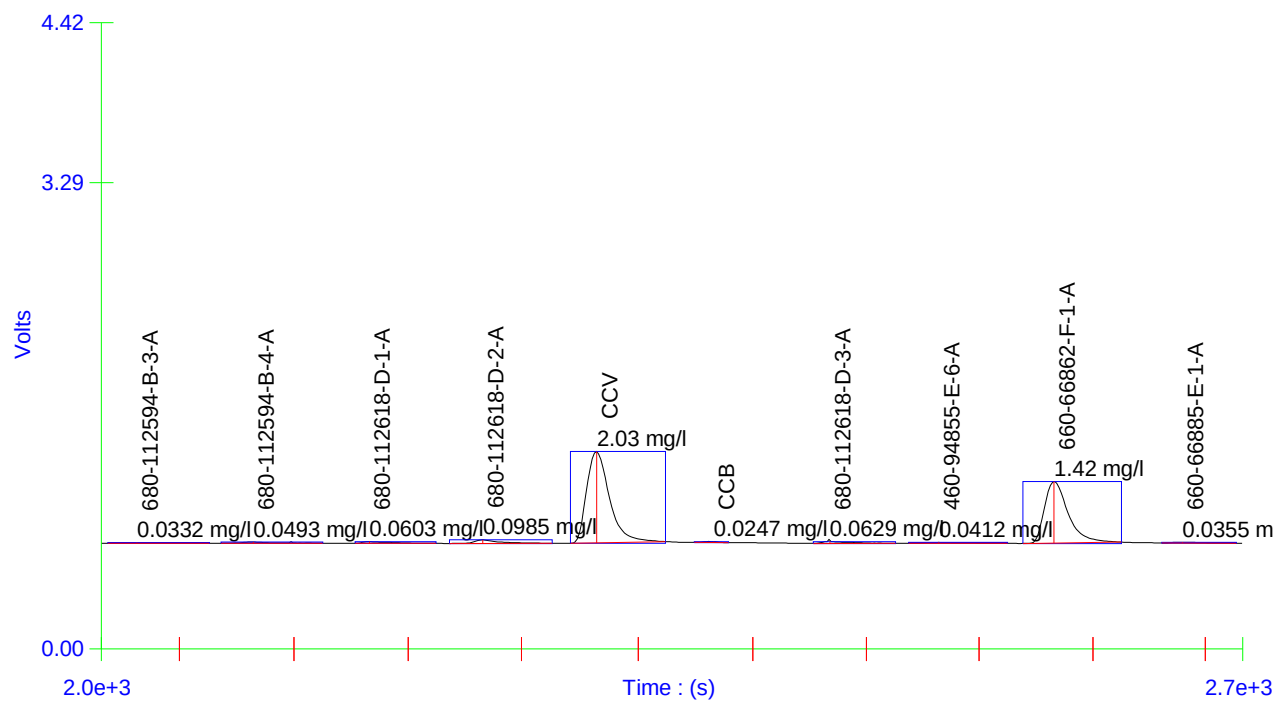
Channel 1 - Set: 2 / 8



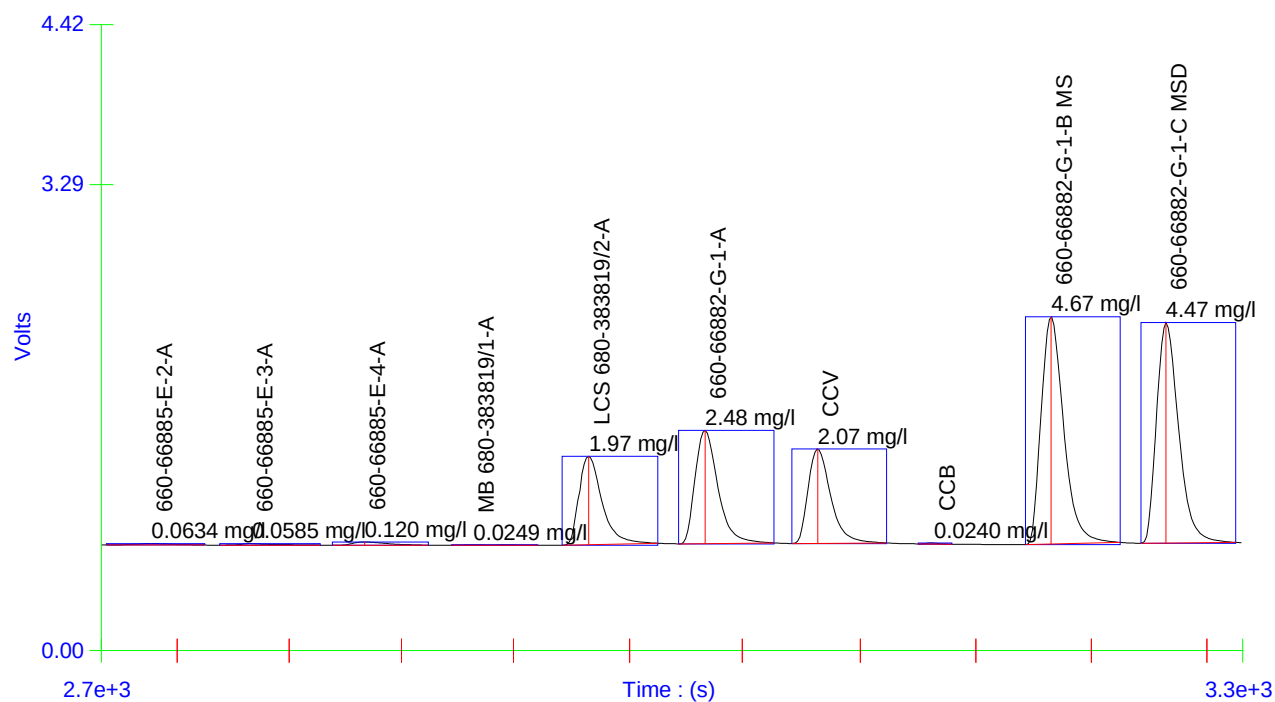
Channel 1 - Set: 3 / 8



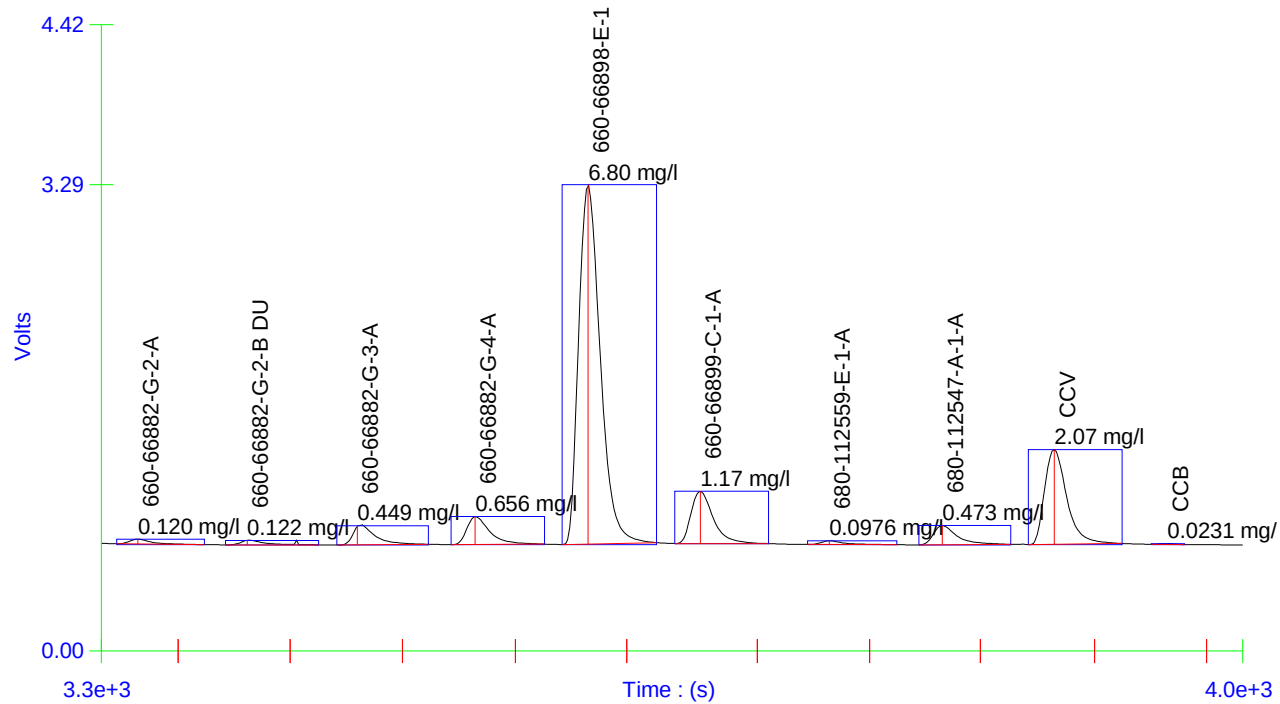
Channel 1 - Set: 4 / 8



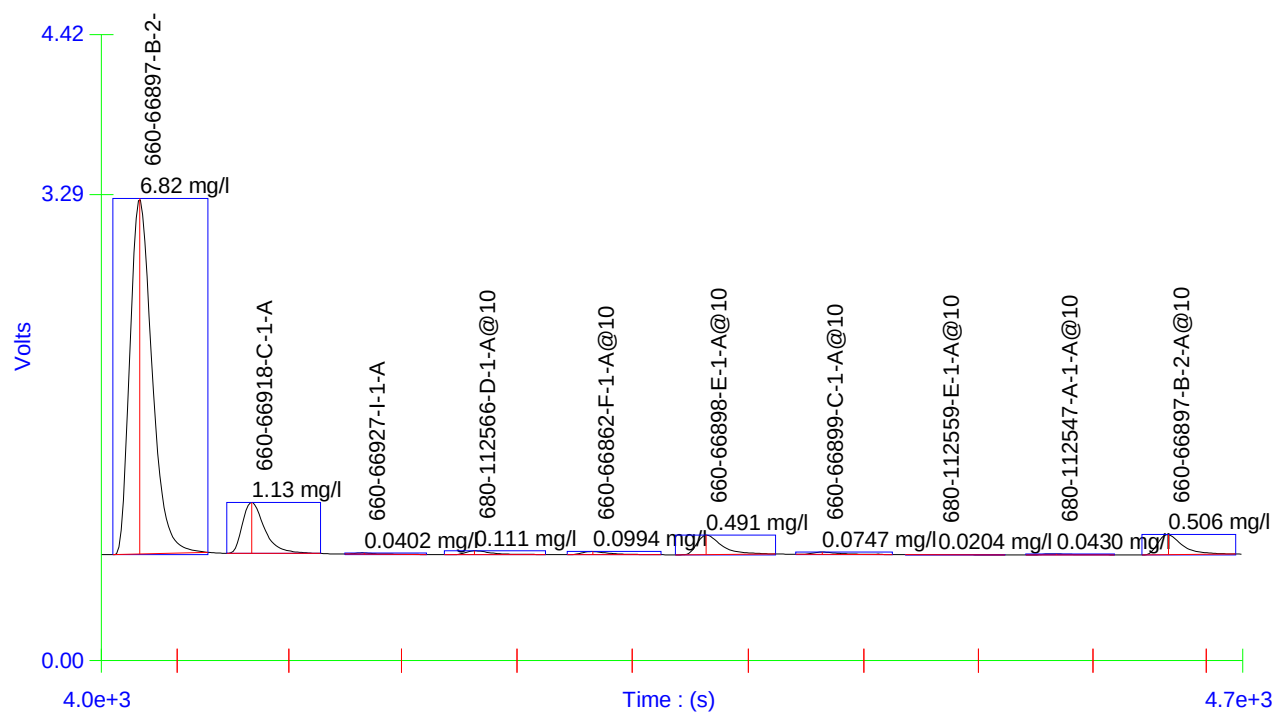
Channel 1 - Set: 5 / 8



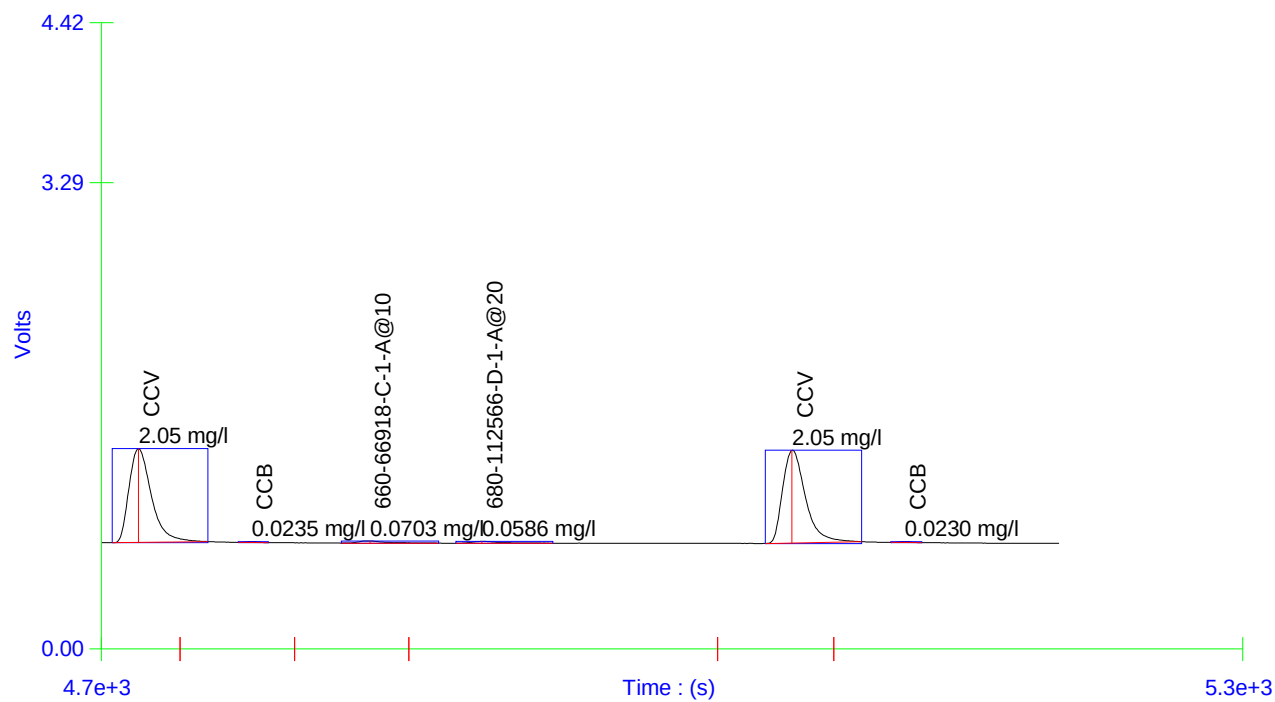
Channel 1 - Set: 6 / 8



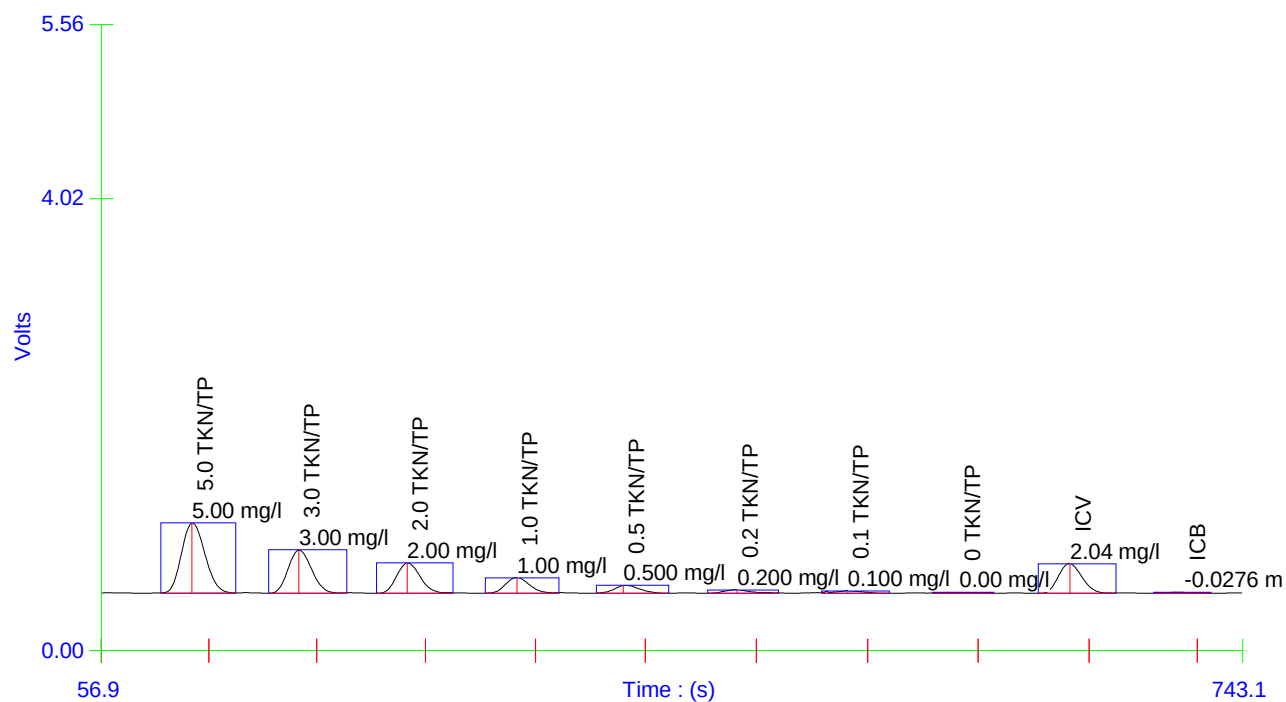
Channel 1 - Set: 7 / 8



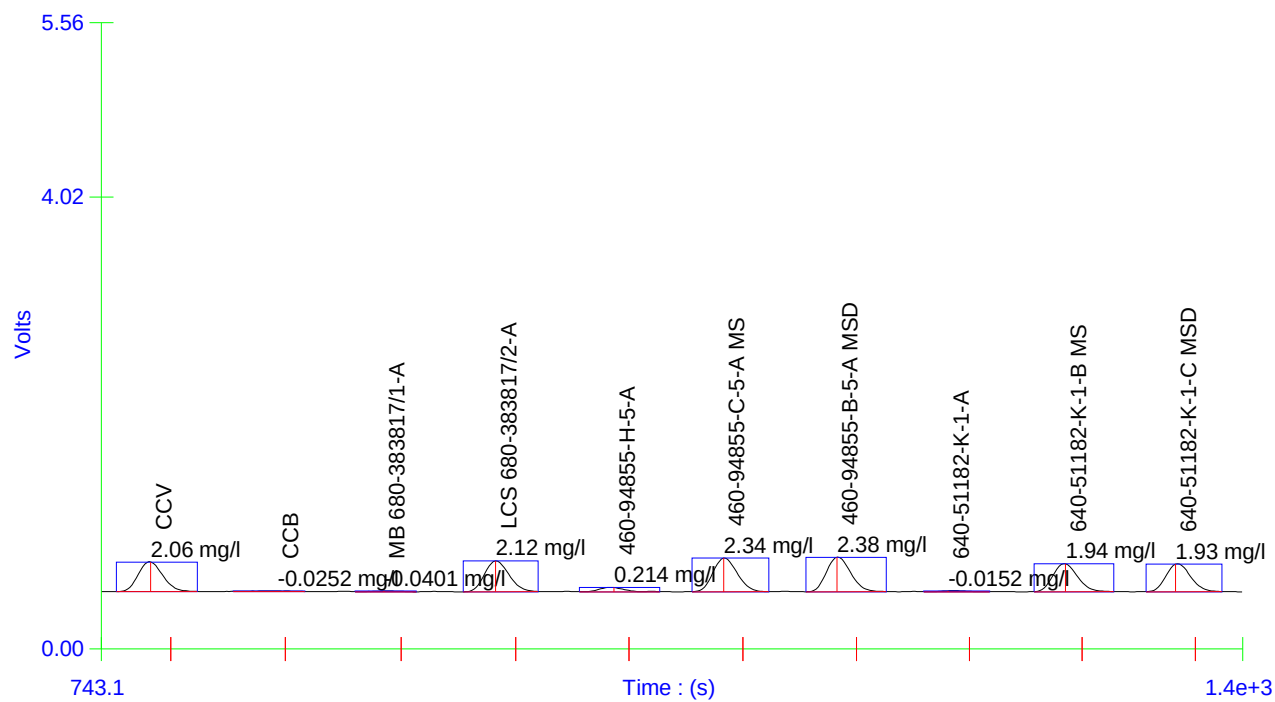
Channel 1 - Set: 8 / 8



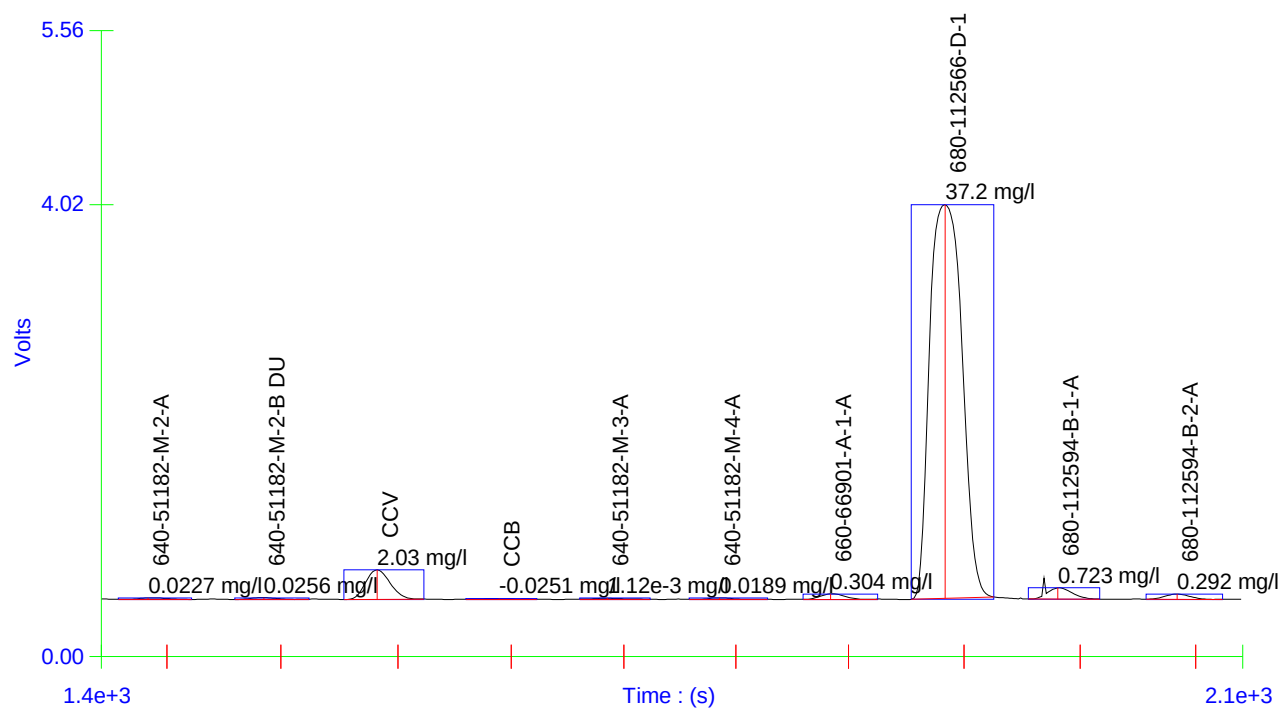
Channel 2 - Set: 1 / 8



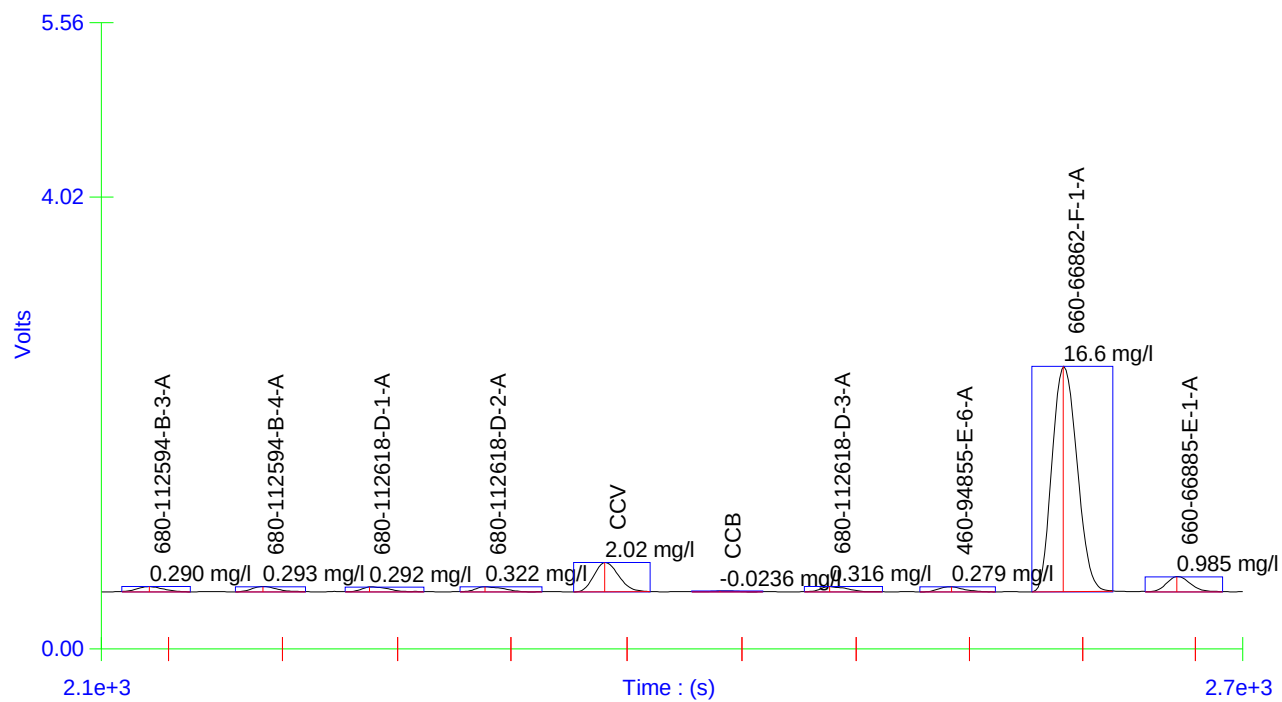
Channel 2 - Set: 2 / 8



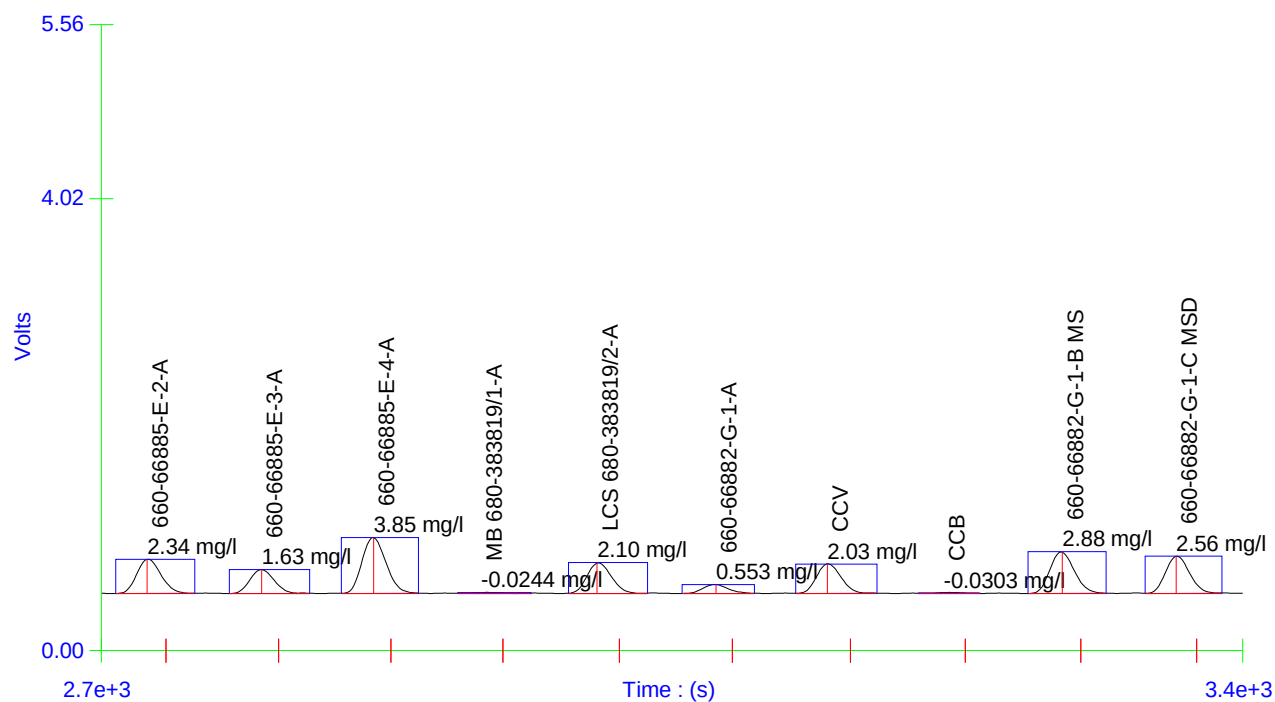
Channel 2 - Set: 3 / 8



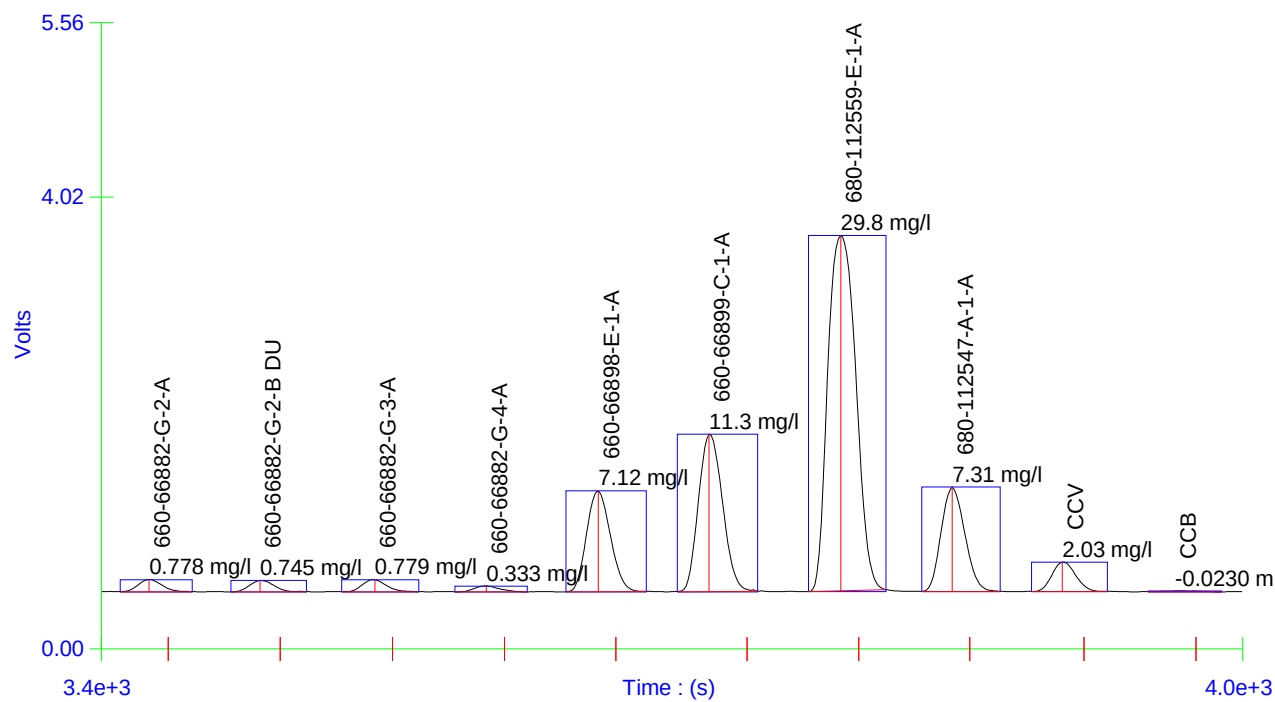
Channel 2 - Set: 4 / 8



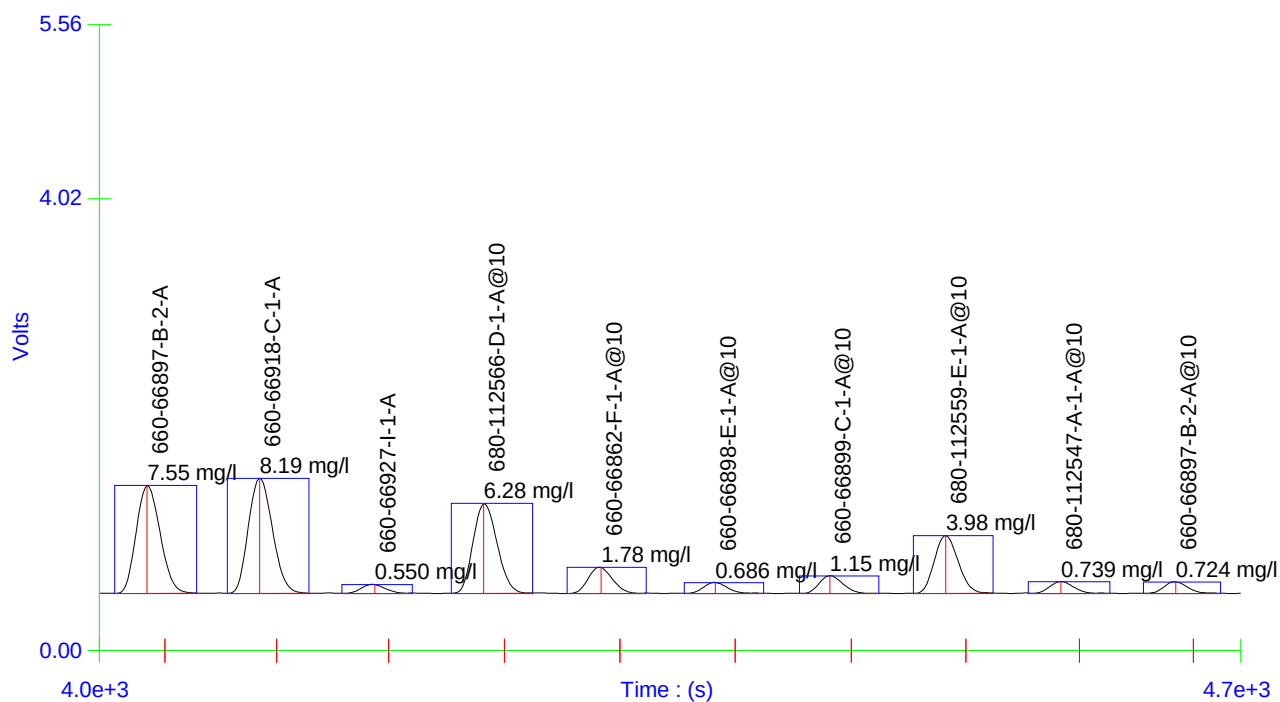
Channel 2 - Set: 5 / 8



Channel 2 - Set: 6 / 8



Channel 2 - Set: 7 / 8



Channel 2 - Set: 8 / 8

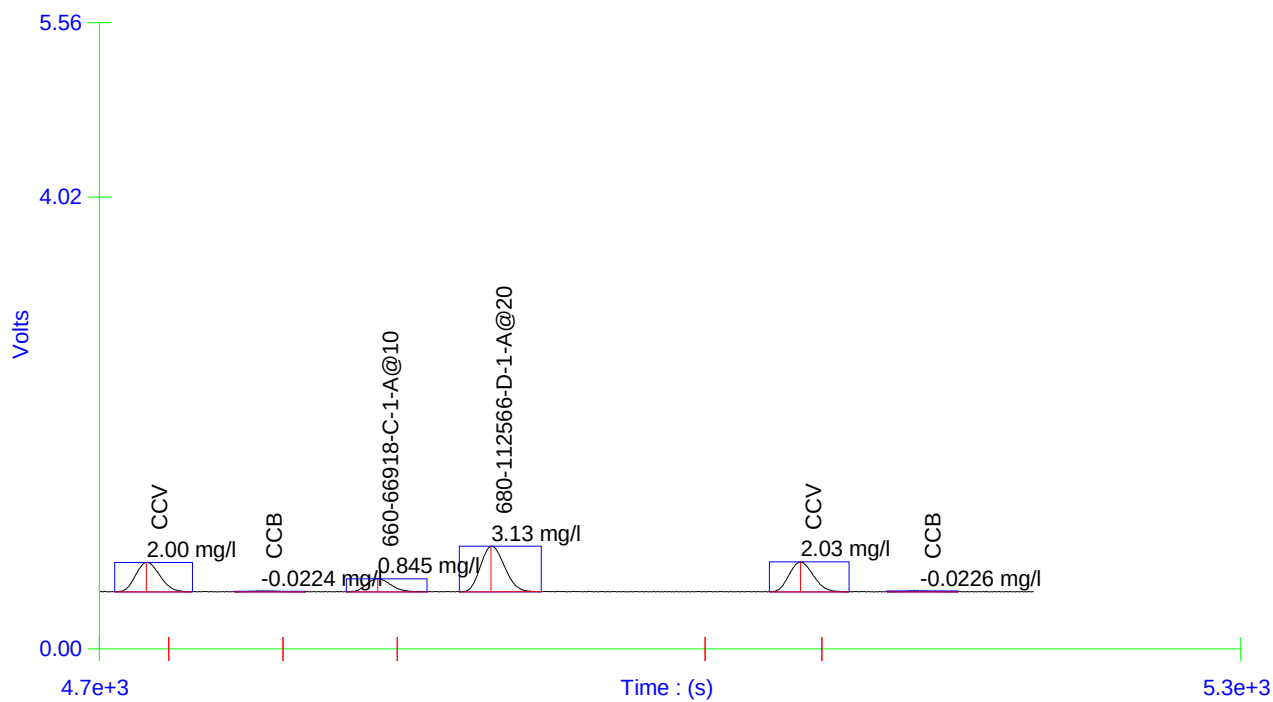


Table : 1 (TPhos)

	Known Conc. (mg/l)	Rep.	Peak Area (V.s)	Peak Height (V)	% RSD	% Residual	Det. Conc (mg/l)	Detection Date	Detection Time
1	5.00	1	25.4	1.67	0.0	1.9	4.91	5/20/2015	9:31:33 AM
2	3.00	1	15.3	1.03	0.0	-3.9	3.10	5/20/2015	9:32:38 AM
3	2.00	1	10.1	0.660	0.0	-5.1	2.08	5/20/2015	9:33:43 AM
4	1.00	1	4.60	0.293	0.0	1.0	0.978	5/20/2015	9:34:48 AM
5	0.500	1	1.96	0.125	0.0	14.0	0.426	5/20/2015	9:35:55 AM
6	0.200	1	0.688	0.0445	0.0	21.8	0.158	5/20/2015	9:37:01 AM
7	0.100	1	0.406	0.0260	0.0	3.6	0.0976	5/20/2015	9:38:07 AM
8	0.00	1	0.110	8.21e-3			0.0344	5/20/2015	9:39:15 AM

Figure : 1 (TPhos)

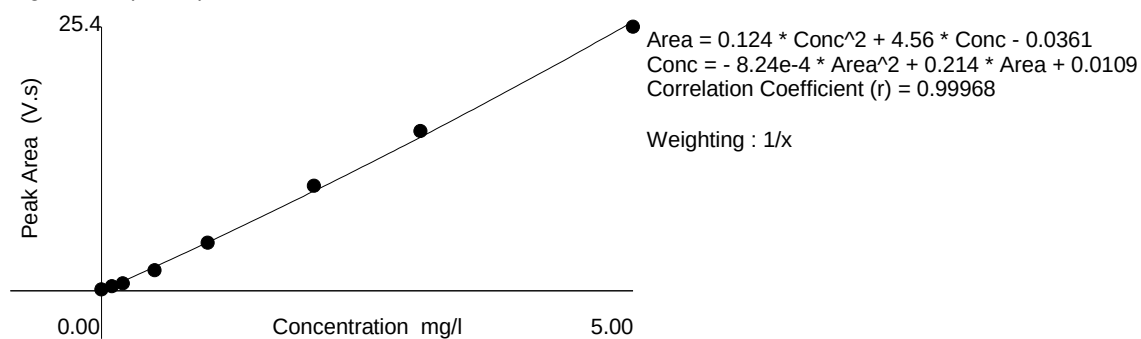
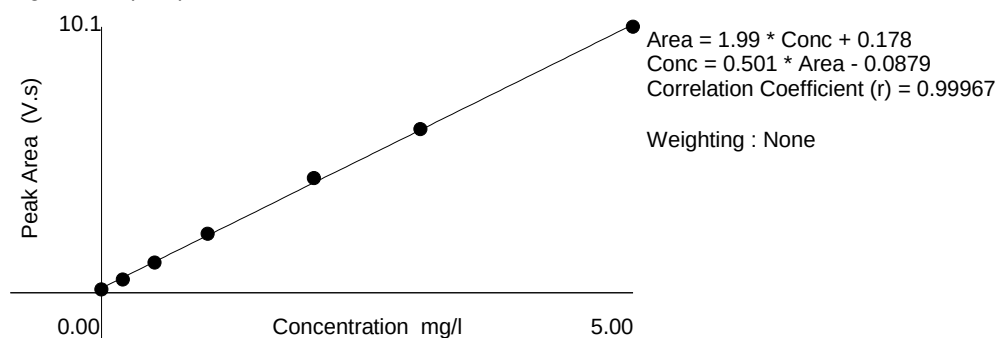


Table : 2 (TKN)

	Known Conc. (mg/l)	Rep.	Peak Area (V.s)	Peak Height (V)	% RSD	% Residual	Det. Conc (mg/l)	Detection Date	Detection Time
1	5.00	1	10.1	0.625	0.0	0.9	4.95	5/20/2015	9:31:41 AM
2	3.00	1	6.19	0.387	0.0	-0.4	3.01	5/20/2015	9:32:46 AM
3	2.00	1	4.34	0.268	0.0	-4.1	2.09	5/20/2015	9:33:51 AM
4	1.00	1	2.24	0.137	0.0	-2.9	1.03	5/20/2015	9:34:56 AM
5	0.500	1	1.14	0.0705	0.0	2.9	0.484	5/20/2015	9:36:02 AM
6	0.200	1	0.495	0.0298	0.0	14.2	0.160	5/20/2015	9:37:09 AM
7	0.00	1	0.124	8.69e-3			-0.0260	5/20/2015	9:39:23 AM

Figure : 2 (TKN)



GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Batch Number: 298737 Batch Start Date: 05/15/15 01:53 Batch Analyst: Pierre, Philippe XBatch Method: 7196A Batch End Date: 05/15/15 02:29

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	ColorBlk	UnCorResp	CalcMsg	Final pH	WThcrIM2 00045
IC 460-298737/1		7196A		50 mL		0.000 Absorbance	OK w/o Correction	2.01 SU	
IC 460-298737/2		7196A		50 mL		0.009 Absorbance	OK w/o Correction	1.90 SU	0.05 mL
IC 460-298737/3		7196A		50 mL		0.043 Absorbance	OK w/o Correction	1.96 SU	0.25 mL
IC 460-298737/4		7196A		50 mL		0.067 Absorbance	OK w/o Correction	1.96 SU	0.375 mL
IC 460-298737/5		7196A		50 mL		0.089 Absorbance	OK w/o Correction	1.97 SU	0.5 mL
IC 460-298737/6		7196A		50 mL		0.175 Absorbance	OK w/o Correction	1.96 SU	1 mL
ICV 460-298737/7		7196A		50 mL		0.064 Absorbance	OK w/o Correction	1.95 SU	
ICB 460-298737/8		7196A		50 mL		0.000 Absorbance	OK w/o Correction	1.95 SU	
MB 460-298737/9		7196A		50 mL		0.000 Absorbance	OK w/o Correction	1.95 SU	
LCSSRM 460-298737/10		7196A		50 mL		0.067 Absorbance	OK w/o Correction	1.93 SU	
460-94855-F-5	PD09-CP-00-05141 5	7196A	T	50 mL	0.000 Absorbance	0.000 Absorbance	OK	2.00 SU	
460-94855-A-5 DU	PD09-CP-00-05141 5	7196A	T	50 mL	0.000 Absorbance	0.000 Absorbance	OK	1.98 SU	
460-94855-A-5 MS	PD09-CP-00-05141 5	7196A	T	50 mL	0.000 Absorbance	0.024 Absorbance	OK	1.98 SU	0.15 mL
460-94855-C-6	PD09-CP-01-05141 5	7196A	T	50 mL	0.000 Absorbance	0.003 Absorbance	OK	1.96 SU	
CCV 460-298737/16		7196A		50 mL		0.064 Absorbance	OK w/o Correction	1.88 SU	
CCB 460-298737/17		7196A		50 mL		0.000 Absorbance	OK w/o Correction	1.87 SU	

Lab Sample ID	Client Sample ID	Method Chain	Basis	WThcrIM4 00045	WThcrwLCS 00057	AnalysisComment			
IC 460-298737/1		7196A							
IC 460-298737/2		7196A							
IC 460-298737/3		7196A							
IC 460-298737/4		7196A							
IC 460-298737/5		7196A							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

7196A

Page 1 of 2

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Batch Number: 298737 Batch Start Date: 05/15/15 01:53 Batch Analyst: Pierre, Philippe XBatch Method: 7196A Batch End Date: 05/15/15 02:29

Lab Sample ID	Client Sample ID	Method Chain	Basis	WThcrIM4 00045	WThcrwLCS 00057	AnalysisComment			
IC 460-298737/6		7196A							
ICV 460-298737/7		7196A		0.375 mL					
ICB 460-298737/8		7196A							
MB 460-298737/9		7196A							
LCSSRM 460-298737/10		7196A			5 mL	BG pH=			
460-94855-F-5	PD09-CP-00-05141 5	7196A	T			1.93			
460-94855-A-5 DU	PD09-CP-00-05141 5	7196A	T			1.93			
460-94855-A-5 MS	PD09-CP-00-05141 5	7196A	T			2.06			
460-94855-C-6	PD09-CP-01-05141 5	7196A	T			1.91			
CCV 460-298737/16		7196A		0.375 mL					
CCB 460-298737/17		7196A							

Batch Notes	
Spectrophotometer Cell Path Length	
1 cm	
Color Reagent ID Number	
C-1669-15 Exp.: 06/12/2015	
Sulfuric Acid Reagent ID Number	
C-1539-15 Exp.: 09/27/2015	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

7196A

Page 2 of 2

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Batch Number: 300379 Batch Start Date: 05/21/15 12:44 Batch Analyst: Vu, HuanBatch Method: 9060A Batch End Date: 05/23/15 10:37

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WtTocLCS 00028	WtTocSP1 00026	WtTocSP2 00023		
ICV 460-300379/1		9060A		50 mL			1.25 mL		
ICB 460-300379/2		9060A		50 mL					
MB 460-300379/3		9060A		50 mL					
LCSSRM 460-300379/4		9060A		50 mL	50 mL				
460-94855-D-10	PW07B-CP-00-0514 15	9060A	T	50 mL					
460-94855-D-10 MS	PW07B-CP-00-0514 15	9060A	T	50 mL		1.25 mL			
460-94855-D-10 MSD	PW07B-CP-00-0514 15	9060A	T	50 mL		1.25 mL			
460-94855-A-11	PW07B-CP-01-0514 15	9060A	T	50 mL					
CCV 460-300379/13		9060A		50 mL			1.25 mL		
CCB 460-300379/14		9060A		50 mL					

Batch Notes	
Batch Comment	T(1557-1560)-15 CAL exp;08/01/15 / H2SO4 : 89646

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

9060A

Page 1 of 1

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Batch Number: 298874 Batch Start Date: 05/15/15 12:22 Batch Analyst: Staib, Patricia LBatch Method: SM 2540C Batch End Date: 05/18/15 13:46

Lab Sample ID	Client Sample ID	Method Chain	Basis	Conductivity	CrucibleID	InitialAmount	TareWeight	Weight1	Weight2
MB 460-298874/1		SM 2540C			MG	100 mL	65.5937 g	65.5936 g	65.5936 g
LCSSRM 460-298874/2		SM 2540C			I	50 mL	65.3928 g	65.4117 g	65.4114 g
460-94785-D-1 DU		SM 2540C	T		AH	50 mL	64.3884 g	64.4331 g	64.4323 g
460-94855-I-5	PD09-CP-00-05141 5	SM 2540C	T	557 umhos/cm	TO	100 mL	77.5914 g	77.6288 g	77.6287 g
460-94855-D-7	PW02-CP-00-05141 5	SM 2540C	T	573 umhos/cm	MO	100 mL	65.3664 g	65.3990 g	65.3974 g
460-94855-A-8	PW02-CP-01-05141 5	SM 2540C	T	556 umhos/cm	TS	100 mL	65.2667 g	65.3032 g	65.3021 g

Lab Sample ID	Client Sample ID	Method Chain	Basis	Weight3	Weight4	WeightOne%Diff	WeightTwo%Diff	Weight4OK	Residue
MB 460-298874/1		SM 2540C		65.5937 g	0 g	Pass No Unit	Pass No Unit	N/A	-0.0001 g
LCSSRM 460-298874/2		SM 2540C		65.4111 g	0 g	Pass No Unit	Pass No Unit	N/A	0.0189 g
460-94785-D-1 DU		SM 2540C	T	64.4321 g	0 g	Fail >0.5mg No Unit	Pass No Unit	N/A	0.0447 g
460-94855-I-5	PD09-CP-00-05141 5	SM 2540C	T	0 g	0 g	Pass No Unit	N/A No Unit	N/A	0.0374 g
460-94855-D-7	PW02-CP-00-05141 5	SM 2540C	T	65.3971 g	0 g	Fail >0.5mg No Unit	Pass No Unit	N/A	0.0326 g
460-94855-A-8	PW02-CP-01-05141 5	SM 2540C	T	65.3021 g	0 g	Fail >0.5mg No Unit	Pass No Unit	N/A	0.0365 g

Lab Sample ID	Client Sample ID	Method Chain	Basis	Residue2	Residue3	Residue4	FinalAmount	CalcMsg	WTtdsLCS 00080
MB 460-298874/1		SM 2540C		-0.0001 g	0 g	N/A g	100 mL	OK	
LCSSRM 460-298874/2		SM 2540C		0.0186 g	0.0183 g	N/A g	100 mL	OK	50 mL
460-94785-D-1 DU		SM 2540C	T	0.0439 g	0.0437 g	N/A g	100 mL	OK	
460-94855-I-5	PD09-CP-00-05141 5	SM 2540C	T	0.0373 g	N/A g	N/A g	100 mL	OK	
460-94855-D-7	PW02-CP-00-05141 5	SM 2540C	T	0.031 g	0.0307 g	N/A g	100 mL	OK	
460-94855-A-8	PW02-CP-01-05141 5	SM 2540C	T	0.0354 g	0.0354 g	N/A g	100 mL	OK	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

SM 2540C

Page 1 of 3

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Batch Number: 298874 Batch Start Date: 05/15/15 12:22 Batch Analyst: Staib, Patricia LBatch Method: SM 2540C Batch End Date: 05/18/15 13:46

Batch Notes	
Balance ID	27
Constant Weight (WT2) Date/Time in Oven	5-18-15@9:55
Constant Weight (WT2) Date/Time Out	5-18-15@11:03
Constant Weight (WT2) Temp In	180C Degrees C
Constant Weight (WT2) Temp Out	180C Degrees C
Uncorrected CW (Wt2) Temp In	182C Degrees C
Uncorrected CW (Wt2) Temp Out	182C Degrees C
Constant Weight (WT3) Date/time In	5-18-15@11:49
Constant Weight (WT3) Date/Time Out	5-18-15@12:55
Constant Weight (WT3) Temp In	180C Degrees C
Constant Weight (WT3) Temp Out	180C Degrees C
Uncorrected CW (Wt3) Temp In	182C Degrees C
Uncorrected CW (Wt3) Temp Out	182C Degrees C
Corrected Temperature in Oven	104 Degrees C
Corrected Temperature out of Oven	104 Degrees C
Date/Time Samples placed in Oven	5-15-15@12:47
Date/Time Samples removed from Oven	5-16-15@11:00
Filter Paper Lot Number	Whatman 9595439
Nominal Amount Used	100 mL
Oven ID	36221
Oven Temperature Verification	104 Degrees C
Uncorrected In Temperature	105 Degrees C
Uncorrected Out Temperature	105 Degrees C
Weight(WT1) Start Date/Time	5-18-15@7:00
Weight(WT1) Date/Time Out	5-18-15@8:08
Weight(WT1) Start Temp	180C Degrees C
Weight(WT1) Temp Out	180C Degrees C
Uncorrected Weight(WT1) Start Temp	182C Degrees C
Uncorrected Weight(WT1) Temp Out	182C Degrees C

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Batch Number: 298874 Batch Start Date: 05/15/15 12:22 Batch Analyst: Staib, Patricia LBatch Method: SM 2540C Batch End Date: 05/18/15 13:46

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Batch Number: 299215 Batch Start Date: 05/18/15 09:00 Batch Analyst: Staib, Patricia LBatch Method: SM 2540D Batch End Date: 05/19/15 08:06

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	CrucibleID	TareWeight	InitialAmount	Weight1	Weight2
MB 460-299215/1		SM 2540D		100 mL	aFJ54 0.1266	0.1266 g	1000 mL	0.1265 g	0.1266 g
LCSSRM 460-299215/2		SM 2540D		100 mL	aFJ53 0.1250	0.1250 g	50 mL	0.1277 g	0.1278 g
460-94874-A-1 DU		SM 2540D	T	100 mL	aFJ51 0.1117	0.1117 g	25 mL	0.1225 g	0.1222 g
460-94855-E-1	EX1-CP-00-051415	SM 2540D	T	100 mL	EIYA7 0.1268	0.1268 g	950 mL	0.1286 g	0.1290 g
460-94855-E-2	EX1-CP-01-051415	SM 2540D	T	100 mL	EIYA6 0.1325	0.1325 g	960 mL	0.1344 g	0.1346 g
460-94855-E-3	EX2-CP-00-051415	SM 2540D	T	100 mL	EIYA5 0.1063	0.1063 g	970 mL	0.1068 g	0.1065 g
460-94855-E-4	EX3-CP-00-051415	SM 2540D	T	100 mL	EIWX1 0.1077	0.1077 g	950 mL	0.1185 g	0.1183 g
460-94874-A-5 DU		SM 2540D	T	100 mL	aFSVF 0.1101	0.1101 g	50 mL	0.1170 g	0.1166 g
460-94855-F-7	PW02-CP-00-051415	SM 2540D	T	100 mL	aFSOQ 0.1287	0.1287 g	930 mL	0.1295 g	0.1293 g
460-94855-F-10	PW07B-CP-00-051415	SM 2540D	T	100 mL	aFSVE 0.1272	0.1272 g	940 mL	0.1279 g	0.1275 g

Lab Sample ID	Client Sample ID	Method Chain	Basis	Weight3	WeightOne%Diff	Residue	Residue2	ResDishWt	DishWeight
MB 460-299215/1		SM 2540D		0 g	PASS <0.5mg	-0.0001 g	0 g	0.1266 g	0.1266 g
LCSSRM 460-299215/2		SM 2540D		0 g	PASS <0.5mg	0.0027 g	0.0028 g	0.1278 g	0.125 g
460-94874-A-1 DU		SM 2540D	T	0 g	PASS <0.5mg	0.0108 g	0.0105 g	0.1222 g	0.1117 g
460-94855-E-1	EX1-CP-00-051415	SM 2540D	T	0 g	PASS <0.5mg	0.0018 g	0.0022 g	0.129 g	0.1268 g
460-94855-E-2	EX1-CP-01-051415	SM 2540D	T	0 g	PASS <0.5mg	0.0019 g	0.0021 g	0.1346 g	0.1325 g
460-94855-E-3	EX2-CP-00-051415	SM 2540D	T	0 g	PASS <0.5mg	0.0005 g	0.0002 g	0.1065 g	0.1063 g
460-94855-E-4	EX3-CP-00-051415	SM 2540D	T	0 g	PASS <0.5mg	0.0108 g	0.0106 g	0.1183 g	0.1077 g
460-94874-A-5 DU		SM 2540D	T	0 g	PASS <0.5mg	0.0069 g	0.0065 g	0.1166 g	0.1101 g
460-94855-F-7	PW02-CP-00-051415	SM 2540D	T	0 g	PASS <0.5mg	0.0008 g	0.0006 g	0.1293 g	0.1287 g
460-94855-F-10	PW07B-CP-00-051415	SM 2540D	T	0 g	PASS <0.5mg	0.0007 g	0.0003 g	0.1275 g	0.1272 g

Lab Sample ID	Client Sample ID	Method Chain	Basis	WTtssLCS 00055					
MB 460-299215/1		SM 2540D							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

SM 2540D

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GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Batch Number: 299215 Batch Start Date: 05/18/15 09:00 Batch Analyst: Staib, Patricia LBatch Method: SM 2540D Batch End Date: 05/19/15 08:06

Lab Sample ID	Client Sample ID	Method Chain	Basis	WTtssLCS 00055					
LCSSRM 460-299215/2		SM 2540D		50 mL					
460-94874-A-1 DU		SM 2540D	T						
460-94855-E-1	EX1-CP-00-051415	SM 2540D	T						
460-94855-E-2	EX1-CP-01-051415	SM 2540D	T						
460-94855-E-3	EX2-CP-00-051415	SM 2540D	T						
460-94855-E-4	EX3-CP-00-051415	SM 2540D	T						
460-94874-A-5 DU		SM 2540D	T						
460-94855-F-7	PW02-CP-00-051415	SM 2540D	T						
460-94855-F-10	PW07B-CP-00-051415	SM 2540D	T						

Batch Notes	
Balance ID	27
Constant Weight (WT2) Date/Time in Oven	5-18-15@10:58
Constant Weight (WT2) Date/Time Out	5-18-15@12:08
Constant Weight (WT2) Temp In	104 Celsius
Constant Weight (WT2) Temp Out	104 Celsius
Uncorrected CW (Wt2) Temp In	102 Celsius
Uncorrected CW (Wt2) Temp Out	102 Celsius
Corrected Temperature in Oven	104 Celsius
Corrected Temperature out of Oven	104 Celsius
Date/Time Samples placed in Oven	5-18-15@9:27
Date/Time Samples removed from Oven	5-18-15@10:30
Filter Paper Lot Number	EnviroExpress 12-57-R
Nominal Amount Used	100 mL
Oven ID	36221
Perform Calculation (0=No, 1=Yes)	1
Uncorrected In Temperature	102 Celsius
Uncorrected Out Temperature	102 Celsius

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

SM 2540D

Page 2 of 3

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-94855-1

SDG No.: _____

Batch Number: 299215 Batch Start Date: 05/18/15 09:00 Batch Analyst: Staib, Patricia LBatch Method: SM 2540D Batch End Date: 05/19/15 08:06

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Savannah Job No.: 460-94855-1

SDG No.: _____

Batch Number: 383817 Batch Start Date: 05/19/15 10:07 Batch Analyst: Johnson, Jessica RBatch Method: Digestion Batch End Date: 05/20/15 07:42

Lab Sample ID	Client Sample ID	Method Chain	Basis	Initial pH	Final pH	InitialAmount	FinalAmount	DigestionTube#	100 TPTKN 00068
MB 680-383817/1		Digestion, 351.2		<2 SU	<2 SU	40 mL	40 mL	MB	
LCS 680-383817/2		Digestion, 351.2		<2 SU	<2 SU	40 mL	40 mL	LCS	0.8 mL
460-94855-H-5	PD09-CP-00-05141 5	Digestion, 351.2	T	<2 SU	<2 SU	20 mL	20 mL	A1	
460-94855-C-5 MS	PD09-CP-00-05141 5	Digestion, 351.2	T	<2 SU	<2 SU	20 mL	20 mL	A1 MS	0.4 mL
460-94855-B-5 MSD	PD09-CP-00-05141 5	Digestion, 351.2	T	<2 SU	<2 SU	20 mL	20 mL	A1 MSD	0.4 mL
640-51182-M-2 DU		Digestion, 351.2	T	<2 SU	<2 SU	20 mL	20 mL	A3 DUP	
460-94855-E-6	PD09-CP-01-05141 5	Digestion, 351.2	T	<2 SU	<2 SU	20 mL	20 mL	A15	

Batch Notes	
Digestate Container Lot #.	4035874
Digestion Solution Used	4065760
First End time	05/20/15 07:42
Oven, Bath or Block Temperature 1	179.2; 180.0; 181.0
pH Strip Lot #	4023219
Pipette ID	GE22, GE9
First Start time	05/19/15 10:07
Sulfuric Acid Reagent ID Number	4065760
ID number of the thermometer	CUIR1
Digestion Tube/Cup Lot #	4035874
Uncorrected Temperature	178.6; 179.4; 180.4

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Savannah Job No.: 460-94855-1

SDG No.: _____

Batch Number: 383986 Batch Start Date: 05/20/15 09:31 Batch Analyst: Ross, Jon EBatch Method: 351.2 Batch End Date: 05/20/15 10:55

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	2.0 TPTKN 00034	TKN/TP 2.0ppm 00011			
ICV 680-383986/9		351.2		2 mL		2 mL			
ICB 680-383986/10		351.2		2 mL					
CCV 680-383986/11		351.2		2 mL	2 mL				
CCB 680-383986/12		351.2		2 mL					
MB 680-383817/1-A		351.2		2 mL					
LCS 680-383817/2-A		351.2		2 mL					
460-94855-H-5-A	PD09-CP-00-05141 5	351.2	T	2 mL					
460-94855-C-5-A	PD09-CP-00-05141 5	351.2	T	2 mL					
MS									
460-94855-B-5-A	PD09-CP-00-05141 5	351.2	T	2 mL					
MSD									
640-51182-M-2-B		351.2	T	2 mL					
DU									
CCV 680-383986/23		351.2		2 mL	2 mL				
CCB 680-383986/24		351.2		2 mL					
CCV 680-383986/35		351.2		2 mL	2 mL				
CCB 680-383986/36		351.2		2 mL					
460-94855-E-6-A	PD09-CP-01-05141 5	351.2	T	2 mL					
CCV 680-383986/47		351.2		2 mL	2 mL				
CCB 680-383986/48		351.2		2 mL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

351.2

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GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Savannah Job No.: 460-94855-1

SDG No.: _____

Batch Number: 383986 Batch Start Date: 05/20/15 09:31 Batch Analyst: Ross, Jon EBatch Method: 351.2 Batch End Date: 05/20/15 10:55

Batch Notes	
Buffer Reagent ID Number	tkn buffer 00338
Carrier Lot Number	tkn diluent 00209
Hypochlorite Solution Lot Number	tkn hypochlor 00572
Sodium Hydroxide Reagent ID Number	tkn naoh 00267
Salicylate Nitroprusside Reagent ID	tkn color 00258

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

351.2

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Shipping and Receiving Documents

TestAmerica Edison

777 Durham Rd.
Edison, NJ 08817

Phone (732) 593-2554

Chain of Custody Record



460-94855 Chain of Custody

merico
LABORATORY TESTINGClient Contact:
Peter TakachCompany:
HRP Associates - Claremont GWTPAddress:
505 Winding Road
City, State, Zip:
Old Bethpage, NY 11804Phone:
516-777-7242 Fax: 516-777-7243Email:
peter.takach@hrpassociates.comProject Name/Location (State):
Claremont Polychemical Superfund Site (NY)

SSOW#: n/a

Project #:
NEW9625.OM

State Regulatory QC Criteria Requirements:

TAT Required (business days):
10 daysDeliverable Type (Report/EDD):
NYSDEC-EDD, HRP-EDDSample Disposal: [] Return to Client
[X] Archive for ___ Months
(A fee may be assessed if samples are retained for longer than 1 month)Lab PM/Contact:
Jannel Franklin 732 593 2551

Lab Job Number (Lab Use Only):

Passed Rad Screen (Lab Use Only):
[] Yes [] No

Cooler Temperatures (Lab Use Only):

Analysis (Attach list if more space is needed)

Volatiles (VOA)

Semi-Volatiles (BNA)

Metals (AES/MS)

TSS

TOC

TDS

TKN

Chrome (Cr⁶⁺)Anions (Cl⁻, F⁻, SO₄⁼)

Organic, Inorganic, & Generic Process Water Samples

COC Number:
CPS-PW15-051415

Page 1 of 2

Shipment Notes:
Task No.: 11

SHORT

HOLD

Samples submitted for analysis will be subject to TestAmerica Terms and Conditions

Field Sample Identification
(Containers for each sample may be combined on one line)

Collection Date

Collection Time (24-Hour Clock)

Matrix: Aqueous, Solid, Wastewater, Other

MS/MSD (Yes or No)

Unpreserved

H2SO4

HNO3

HCL

NaOH

Ice only

Volatiles (VOA)

Semi-Volatiles (BNA)

Metals (AES/MS)

TSS

TOC

TDS

TKN

Chrome (Cr⁶⁺)Anions (Cl⁻, F⁻, SO₄⁼)

EX1-CP-00-051415

5/13/15

08:35

aq

no

1

3

1

3

1

1

1

field sample, tags 1399-1403

EX1-CP-01-051415

5/13/15

08:40

aq

no

1

3

1

3

1

1

1

field duplicate, tags 1404-1408

EX1-CP-MS-051415

5/13/15

08:45

aq

yes

1

1

1

1

1

1

1

matrix spike, tags 1409

EX1-CP-MSD-051415

5/13/15

08:45

aq

yes

1

1

1

1

1

1

1

ms duplicate, tags 1410

EX2-CP-00-051415

5/13/15

10:05

aq

no

1

3

1

3

1

1

1

field sample, tags 1411-1415

EX3-CP-00-051415

5/13/15

11:10

aq

no

1

3

1

3

1

1

1

field sample, tags 1416-1420

PD09-CP-00-051415

5/14/15

07:20

aq

no

1

3

5

3

2

1

1

field sample, tags 1421-1430

PD09-CP-01-051415

5/14/15

07:25

aq

no

1

1

4

2

1

1

1

field duplicate, tags 1431-1435

PD09-CP-MS-051415

5/14/15

07:30

aq

yes

1

1

2

1

1

1

1

matrix spike, tags 1436-1438

PD09-CP-MSD-051415

5/14/15

07:35

aq

yes

1

1

2

3

1

1

1

ms duplicate, tags 1439-1441

PW02-CP-00-051415

5/14/15

06:45

aq

no

1

3

2

3

1

1

1

field sample, tags 1442-1447

PW02-CP-01-051415

5/14/15

06:50

aq

no

1

1

1

1

1

1

1

field duplicate, tag 1448

Relinquished by:

Date/Time:

Company:

Received by:

Date/Time:

Company:

Received by:

Date/Time:

Company:

Comments:

PD09 HRP CHROME SAMPLES TAKEN AT 10:20AM P.TAKACH

TestAmerica Edison

777 Durham Rd.

Edison, NJ 08817

Phone (732) 593-2554

Chain of Custody Record

TestAmerica
1111 FAIRVIEW ENVIRONMENTAL TESTING

Client Contact: Peter Takach		Field Sampler: James Jackson (S.S.)		TAT Required (business days): 10 days		Lab PM/Contact: Melissa Haas 202-944-1310		COC Number: CPS-PW15-051415	
Company: HRP Associates - Claremont GWTP		Mobile/Field Number: 516-473-4954		Deliverable Type (Report/EDD): NYSDEC-EDD, HRP-EDD		Lab Job Number (Lab Use Only):		Page 2 of 2	
Address: 505 Winding Road		E-Mail:		Sample Disposal: ☐ Return to Client ☐ Archive for ___ Months (A fee may be assessed if samples are retained for longer than 1 month)		Passed Rad Screen (Lab Use Only): ☐ Yes ☐ No		Shipment Notes: 94855	
City, State, Zip: Old Bethpage, NY 11804		PO #: NYSDEC call out		Analysis (Attach list if more space is needed)		Cooler Temperatures (Lab Use Only):		Task No.: 11	
Phone: 516-777-7242 Fax: 516-777-7243		WO #: n/a		State Regulatory QC Criteria Requirements:		Volatiles (VOA)		Organic, Inorganic, & Generic Process Water Samples	
Email: peter.takach@hrpassociates.com		Project #: NEW9625.OM		Unpreserved		Semi-Volatiles (BNA)			
Project Name/Location (State): Claremont Polychemical Superfund Site (NY)		SSOW#: n/a		H2SO4		Metals (AES/MS)			
Samples submitted for analysis will be subject to TestAmerica Terms and Conditions.				HNO3		TSS			
				HCL		TOC			
				NaOH		TDS			
				Ice only		TKN			
						Chrome (Cr⁶⁺)			
						Anions (Cl⁻, F⁻, SO₄⁼)			
TA #	Field Sample Identification (Containers for each sample may be combined on one line)	Collection Date	Collection Time (24-Hour Clock)	Matrix A=Aqueous, S=Solid, W=Waste/Oil, O=Other	MS/MSD (Yes or No)	No. of Containers/Preservatives	Analysis	Analysis	Analysis
9	PW06-CP-00-051415	5/14/15	06:55	aq	no	3	2	3	field sample, tag No: 1449-1453
10	PW07B-CP-00-051415	5/14/15	07:00	aq	no	1	4	1	field sample, tag nos: 1454-1461
11	PW07B-CP-01-051415	5/14/15	07:05	aq	no	1	1	1	field duplicate, tag no: 1462
10	PW07B-CP-MS-051415	5/14/15	07:10	aq	yes	1	1	1	matrix spike Tag No: 1463
10	PW07B-CP-MSD-051415	5/14/15	07:15	aq	yes	1	1	1	ms duplicate Tag No: 1464
12	JB-CP-QC-051415	5/14/15	07:55	aq	no	3	3	3	Trip Blank Tag No: 1465-1467
Relinquished by: <i>[Signature]</i> Date/Time: 5-14-15 Company: HRP									
Relinquished by: <i>[Signature]</i> Date/Time: 5/14/15 Company: HRP									
Relinquished by: <i>[Signature]</i> Date/Time: 5/14/15 Company: HRP									
Comments:									

TestAmerica Edison
Receipt Temperature and pH Log

Job Number:

94833

Number of Coolers:

2

IR Gun #

5

Cooler Temperatures

	RAW		CORRECTED	
	RAW	CORRECTED	RAW	CORRECTED
Cooler #1:	<u>1.6</u>	<u>2.6</u>	Cooler #4:	<u> </u>
Cooler #2:	<u>1.9</u>	<u>2.9</u>	Cooler #5:	<u> </u>
Cooler #3:	<u> </u>	<u> </u>	Cooler #6:	<u> </u>
	<u> </u>	<u> </u>	Cooler #7:	<u> </u>
	<u> </u>	<u> </u>	Cooler #8:	<u> </u>
	<u> </u>	<u> </u>	Cooler #9:	<u> </u>
	<u> </u>	<u> </u>		<u> </u>

TALS Sample Number	Ammonia	COD	Nitrate Nitrite	Metals *	Hardness	Pest	EPH or QAM	Phenols	Sulfide	TKN	TOC	Total Cyanide	Total Phos	Other	Other
	(pH<2)	(pH<2)	(pH<2)	(pH<2)	(pH<2)	(pH<2)	(pH<2)	(pH<2)	(pH>9)	(pH<2)	(pH<2)	(pH>12)	(pH<2)		
<u>1</u>				<u>2.2</u>											
<u>2</u>				<u>2.2</u>											
<u>3</u>				<u>2.2</u>											
<u>4</u>				<u>2.2</u>											
<u>5</u>				<u>2.2</u>						<u>2.2</u>					
<u>6</u>				<u>2.2</u>						<u>2.2</u>					
<u>7</u>				<u>2.2</u>											
<u>10</u>				<u>2.2</u>							<u>2.2</u>				
<u>11</u>											<u>2.2</u>				

If pH adjustments are required record the information below:

Sample No(s), adjusted: _____

Preservative Name/Conc.: _____

Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____

Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

* Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

Initials:

Date: 7/13/15

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 460-94855-1

Login Number: 94855

List Source: TestAmerica Edison

List Number: 1

Creator: Hall, Alonzo

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.9,3.6° C IR #5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	see NCM
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 460-94855-1

Login Number: 94855
List Number: 2
Creator: Elliot, William J

List Source: TestAmerica Savannah
List Creation: 05/16/15 12:33 PM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	